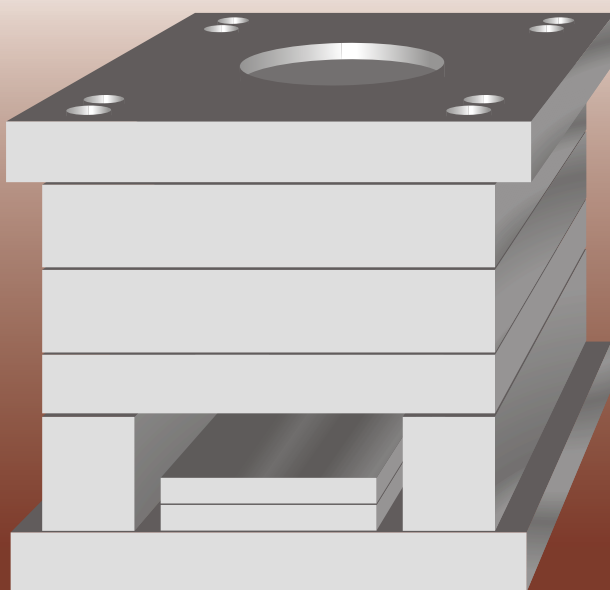




® FCPK Bytów Sp. z o.o.

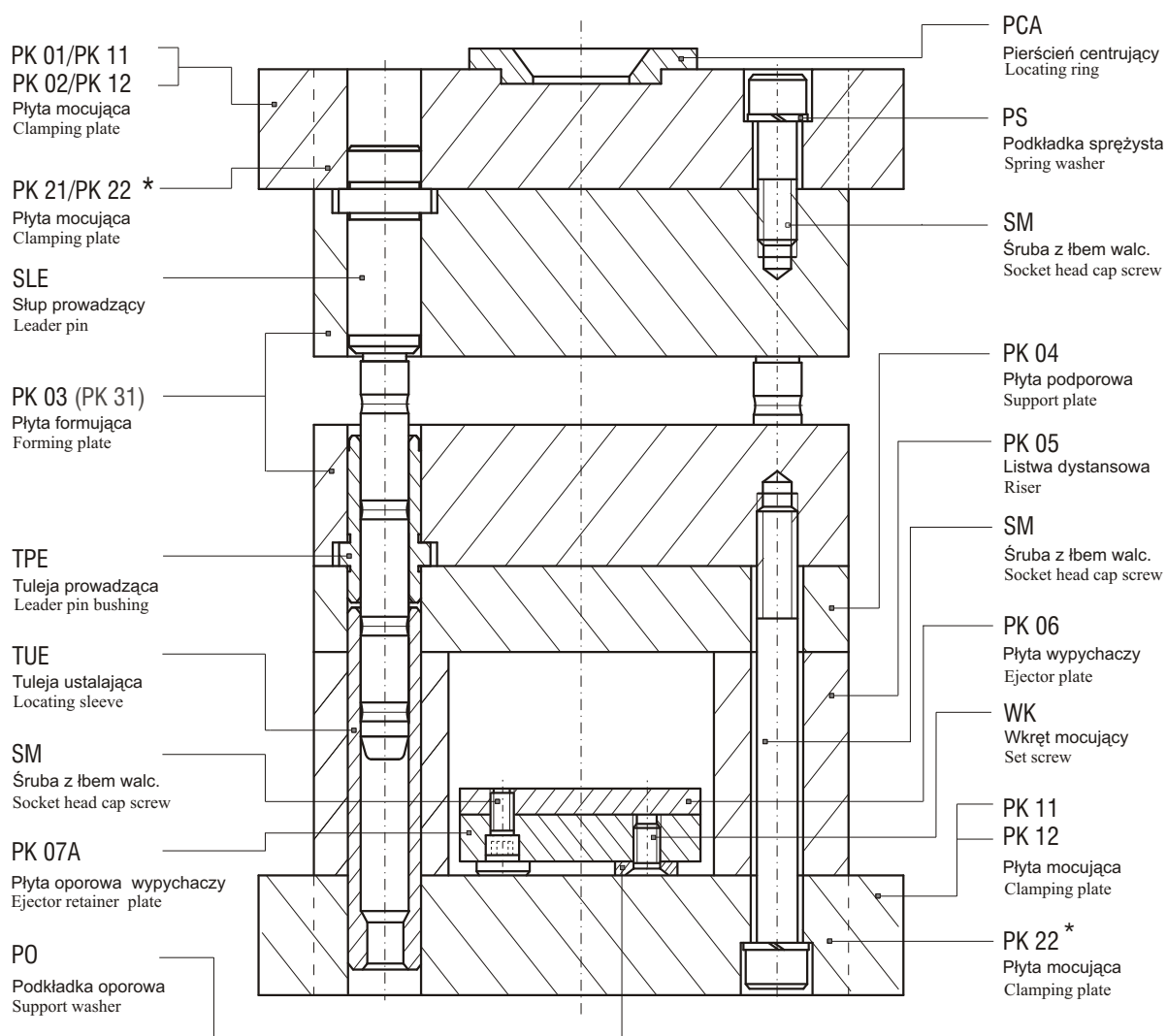
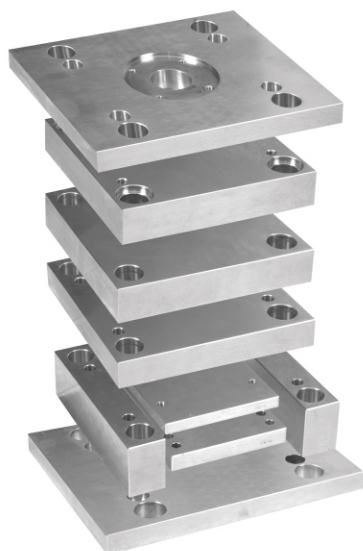
ul. Lęborska 26, 77-100 Bytów, Poland  
tel. +48-59-822-9700, fax +48-59-822-9701  
[www.fcpk.pl](http://www.fcpk.pl)

# KORPUSY DO FORM MOLD BASES

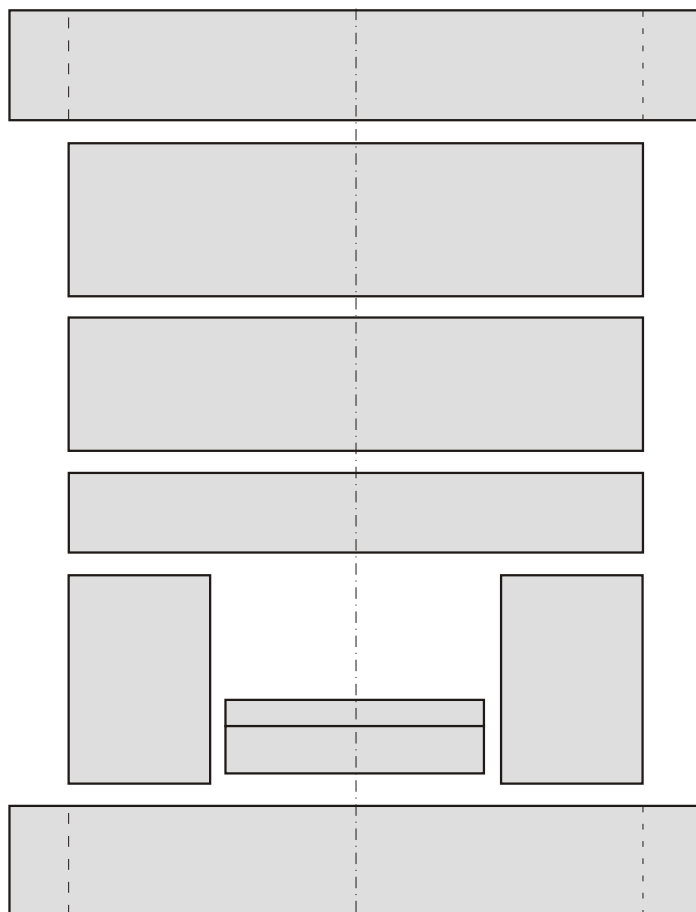




## KORPUS - ZESTAWIENIE CZĘŚCI MOLD BASE- PARTS SPECIFICATION



\* - Płyty mocujące o obrysach płyt formujących.  
\* - Clamping plates with forming plate dimensions



Gabaryty i tolerancje płyt PL są zgodne wymiarowo z odpowiednimi płytami PK  
Dimensions and tolerances of PL plates are identical with corresponding PK plates.

# ZAKRES WYMIAROWY KORPUSÓW FORM I TOLERANCJE

## RANGE OF MOLD BASES AND TOLERANCES

### Uwaga:

Wszystkie informacje na stronie I.5 dotyczące tolerancji odnoszą się wyłącznie do płyt z gatunku materiałów :1.1730, 1.2312, 1.2311, 1.2085 Dla pozostałych gatunków materiałów, tolerancje na życzenie.

Wymiary nietolerowane wykonane są w 12 kl. ISO

### Note:

All information on the page I.5 pertaining to tolerances of the plates refers only to the materials: 1.1730, 1.2312, 1.2311, 1.2085 Other materials - tolerances on request.

Not specified dimensions are made according to ISO class 12

tab. 1

A \ B	156	196	246	296	346	396	446	496	546	596	696	796	896	996
156	01	02	03	04										
196		05	06	07	08	09								
218			10	11										
246			12	13	14	15	16	17						
296				18	19	20	21	22	23	24	48			
346					25	26	27	28	29	30	49	50		
396						31	32	33	34	35	51	52	53	
446							36	37	38	39	40	54	55	
496								41	42	43	44	56	57	58
546									45	46	47	59	60	61
596										62	63	64	65	66
696											67	68	69	70
796												71	72	73

### SPOSÓB OZNACZANIA PŁYT

#### PLATE MARKING

PK 03 - 396 x 896 x 96 / 53 / 2\*

- symbol płyty  
plate symbol
- szerokość płyty  
plate width
- długość płyty  
plate length
- grubość płyty  
plate thickness
- nr korpusu (patrz tab.1)  
standard mold base number ( see tab.1)
- gat. materiału wg FCPK (patrz str. I.6)  
FCPK material type ( see page I.6)

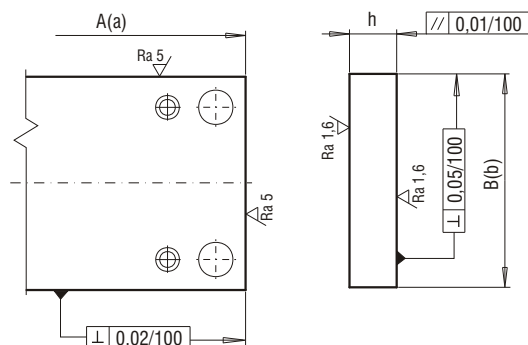
— zakres wymiarowy w katalogu podstawowym  
range of plates dimensions from the main catalog

— **szczegółowe dane dla korpusów form nr 48 -73 dostępne tylko na [www.fcpk.pl](http://www.fcpk.pl)**  
details for mold bases No 48 -73 available only on [www.fcpk.pl](http://www.fcpk.pl)

\* Gatunki stali wg FCPK: 1- (1.730), 2- (1.2312), 3- (1.2311). Dla pozostałych gatunków stali należy podać oznaczenie wg. DIN np.. 2343 :dla stali 1.2343

\* Steel types acc. to FCPK: 1- (1.730), 2- (1.2312), 3- (1.2311). For the rest types of the steel, please give a short symbol acc. to DIN for example 2343 for steel: 1.2312

## Płaszczyzny i obrysy płyt PK, PL Plate surfaces and contours PK, PL



A(a), B(b)

tolerancje  
tolerances

≤ 496

± 0,10

> 496 ÷ 996

± 0,15

A(a), B(b)

tolerancje h  
h tolerances

≤ 496

+0,15/+0,30

> 496 ÷ 996

+0,20/+0,40

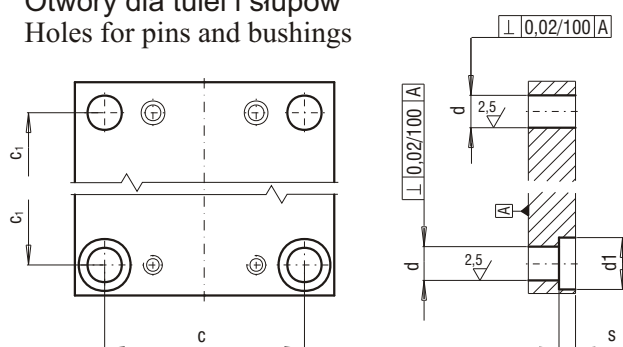
h

tolerancje  
tolerances

PL / PK 05

0,00/+0,05

## Otworki dla tulei i słupów Holes for pins and bushings



parametry  
parameters

zakres wym.  
dimension range

tolerancje  
tolerances

d

20 ÷ 30

+0,021

> 30 ÷ 42

+0,025

> 42 ÷ 54

+0,030

c ; c1

122 ÷ 180

± 0,010

> 180 ÷ 315

± 0,012

> 315 ÷ 500

± 0,015

> 500 ÷ 892

± 0,018

d1

26 ÷ 61

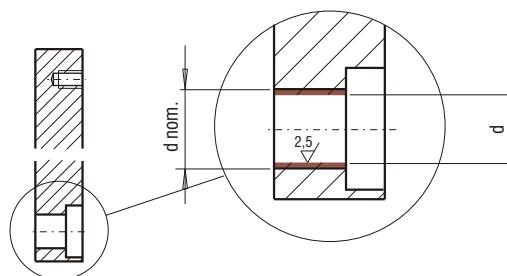
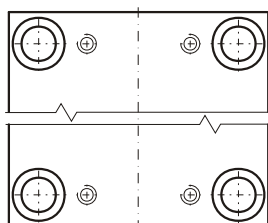
+ 0,500

s

6,3 ÷ 10,3

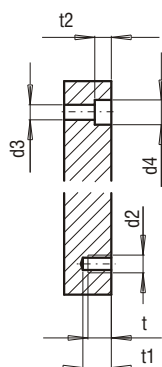
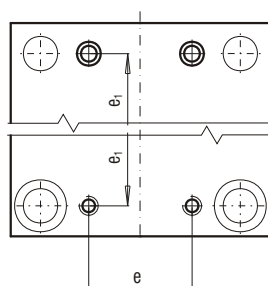
+ 0,200

## Płyty PK 31 PK 31 plates

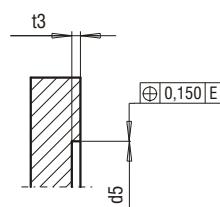
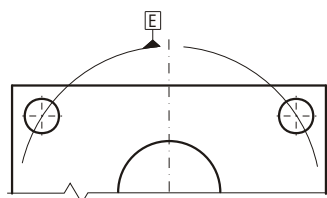


d nom.	d
20	19,6 <sub>-0,10</sub>
26	25,5 <sub>-0,10</sub>
30	29,4 <sub>-0,10</sub>
42	41,3 <sub>-0,10</sub>
54	53,2 <sub>-0,10</sub>

## Otworki śrub mocujących Holes for socket head cap screws



d2	M-	M4	M8	M10	M12	M16	M20
∅	4	8	10	12	16	20	
d3	Tol.	+0,18	+0,22	+0,27	+0,27	+0,27	+0,33
d4	∅		15	18	20	26	33
	Tol.		+0,27	+0,27	+0,33	+0,33	+0,39
t1	Tol.	0,5					
t2	Tol.	0,5					
t min.		7	14	15	18	26	32
e ; e1	≤ 120	± 0,20					
	> 140 ÷ 400	± 0,25					
	> 400 ÷ 774	± 0,35					



## Otworki centrujące Holes for locating ring

parametr parameter	wymiar dimension	tolerancje tolerances
d5	90	+0,035
t3	4	+0,250

RODZAJE STALI STEEL TYPES			
Oznaczenie stali wg FCPK FCPK steel type	FCPK-1	FCPK-2	FCPK-3
Oznaczenie stali wg DIN DIN steel type	1.1730	1.2312	1.2311
Oznaczenie stali wg AISI AISI steel type	1045	~4130	P-20
Skład chemiczny ( % ) Chemical composition	C=0.45; Si=0.3; Mn=0.75	C=0.4; Si=0.4; Mn=1.5 Cr=1.9; Mo=0.2; s=0.07	C=0.4; Si=0.3; Mn=1.5 Cr=1.9; Mo=0.2
Wytrzymałość na rozciąganie Rm Tensile strength	max. 640 N/mm <sup>2</sup>	max. 1080 N/mm <sup>2</sup>	max. 1080 N/mm <sup>2</sup>
Twardość Hardness	max. 190 HB	max. 315 HB	max. 315 HB
Charakterystyka General information	<p>Stal konstrukcyjna węglowa na niehartowane płyty do form.</p> <p>Unalloyed tool steel for not-hardened mold plates</p>	<p>Stal konstrukcyjna węglowa na płyty i wkładki do form, do obróbki cieplno-chemicznej (azotowanie, nawęglanie). Nie nadaje się do obróbki elektroerozyjnej.</p> <p>Pre-heat treated, high strength tool steel ideal for cavity and core retainer plates, clamping plates and support plates in molds and die sets. Good machinability. EDM not recommended.</p>	<p>Stal konstrukcyjna węglowa na płyty i wkładki do form, do obróbki cieplno-chemicznej (azotowanie i nawęglanie). Wysokopolerowalna.</p> <p>DIN 1.2312 (modified) type cavity steel. Pre-heat treated, no further hardening required, moderate machinability, can be hard chromed, carbonized and nitrided, exceptional polishability, suitable for molds and die cast</p>
Oznaczenie stali wg DIN DIN steel type	1.2343 / 1.2344	1.2767	1.2379
Oznaczenie stali wg AISI AISI steel type	H13	---	D2
Skład chemiczny ( % ) Chemical composition	C=0.4; Mn=0.4; Si=1.0 Cr=5.3; Mo=1.4; V=0.4 (1.2344 - V=1.0)	C=0.45; Mn=0.3; Ni=4.05 Cr=1.35; Si=0.25; Mo=0.25	C=1.6; Mn=0.3; Si=0.25 Cr=12.0; V=1.0
Wytrzymałość na rozciąganie Rm Tensile strength	max. 750 N/mm <sup>2</sup>	max. 880 N/mm <sup>2</sup>	max. 855 N/mm <sup>2</sup>
Twardość Hardness	max. 230 HB	max. 260 HB	max. 253 HB
Charakterystyka General information	<p>Stal do pracy na gorąco na płyty i wkładki formujące do form wtryskowych i ciśnieniowych na metale lekkie. Hartuje się do twardości ~56HRC.</p> <p>Thermal shock resistant, hot work die steel, fully annealed for easy machinability, can be subsequently heat treated to the desired hardness ( ~56HRC max.) with a minimum deformation. Mainly used for die cast dies, it is also suitable for plastics and light metals molds with exceptional hardness and polishability requirements.</p>	<p>Specjalna stal hartująca się na wskroś na płyty i wkładki formujące do form wtryskowych i elementy tłoczników. Wysoka udarność i stabilność wymiarowa. Wysokopolerowalna. Hartuje się do twardości ~56HRC.</p> <p>Through-hardening tool steel for molds and die cast dies. High polishability. High toughness, impact- and shock resistance. High dimensional stability. Can be hardened up to ~56HRC.</p>	<p>Stal narzędziowa, stopowa na matryce, stemple i inne narzędzia tnące. Wysoka udarność i odporność na ścieranie w stanie zahartowanym. Hartuje się do ~62HRC.</p> <p>Alloyed tool steel for dies, punches and other cutting tools. High impact strength and wear resistance when hardened. Can be heat treated up to ~62HRC.</p>
Oznaczenie stali wg DIN DIN steel type	1.2738	1.2085	<p><b>Uwaga:</b></p> <p>Na życzenie, wszystkie oferowane korpusy mogą być wykonane z utwardzonych stopów aluminium lub innych gatunków stali.</p> <p><b>Note:</b></p> <p>Upon request, all our mold base plates can also be made of hardened aluminium alloy or other types of steel.</p>
Oznaczenie stali wg AISI AISI steel type	---	---	
Skład chemiczny ( % ) Chemical composition	C=0.4; Mn=1.5 Cr=1.9; Ni=1.0; Mo=0.2	C=0.33; Mn=1.0; Si=1.0 Cr=16.0; Ni=1.0	
Wytrzymałość na rozciąganie Rm Tensile strength	max. 1100 N/mm <sup>2</sup>	max. 1080 N/mm <sup>2</sup>	
Twardość Hardness	max. 325 HB	max. 300 HB	
Charakterystyka General information	<p>Specjalna stal ulepszona gatunkowo w stosunku do 1.2311. Stosowana na płyty i wkładki formujące do form wtryskowych, szczególnie do dużych form z głębokimi gniazdami. Dobra obrabialność skrawaniem, wysokopolerowalna, bardzo dobra do fotochemicznego fakturowania powierzchni. Dobrze hartuje się na wskroś ( max. twardość 51 HRC )</p> <p>DIN 1.2311 modified steel for mold plates, especially for big molds with deep cavities. Good machinability and polishability. Excellent for photo-chemical etching. Through-hardening (up to 51 HRC).</p>	<p>Stal nierdzewna do form. Wstępnie ulepszona cieplnie, o dobrych właściwościach obróbkowych. Zastosowanie na płyty i wkładki formujące do form wtryskowych, odporne na korozję. Stal przede wszystkim stosowana do przetwórstwa tworzyw agresywnych chemicznie.</p> <p>Steel pre-toughend, corrosion resistant, with good cutting properties, for moulding plates and frames for corrosion resistant moulds as well as use with chemically aggressive plastics.</p>	



# CERTAL<sup>®</sup>, CERTAL SPC<sup>®</sup> UTWARDZONY STOP ALUMINIUM HARDENED ALUMINIUM ALLOY

**Oznaczenie stopu wg EN: AlZn5Mg3Cu ( 7022-typ specjalny)**

Alloy code according to EN: AlZn5Mg3Cu (7022 - modified type)

## Właściwości:

1. Własności wytrzymałościowe porównywalne do stali konstrukcyjnych węglowych i niskostopowych nie obrabianych cieplnie.
2. Bardzo dobra przewodność cieplna (ponad 3-krotnie wyższa od stali )
3. Jednorodna struktura wewnętrzna-bardzo dobry materiał do obróbki głębokich wybrań.
4. Odporność na korozję-średnia.

## Zastosowanie:

1. Formy wtryskowe, ciśnieniowe i rozdmuchowe.
2. Płyty podstawy, głowicowe, prowadzące i stemplowe w postępowych tłocznikach.
3. Części maszyn o większych obciążeniach.

## Możliwości obróbki:

1. Obrabialność skrawaniem-bardzo dobra.
2. Szlifowanie i polerowanie-bardzo dobre.
3. Obróbka elektroerozyjna-bardzo dobra.
4. Obróbka galwaniczna: chromowanie, niklowanie, anodowanie
5. Trawienie fotochemiczne struktur-dobre.
6. Spawanie oporowe-dobre, MIG/TIG-możliwe (należy stosować dodatki do spawania AA5183 lub 5356)

## Rodzaje:

Stop aluminium w zależności od grubości płyt oferowany jest w wykonaniach:  
T651-stan odprężony-przez rozciąganie- płyty do grubości 140 mm - **CERTAL<sup>®</sup>**  
T652-stan po walcowaniu i zgnioście -płyty o grubościach 150-300 mm **CERTAL SPC<sup>®</sup>**

## Właściwości fizyko-mechaniczne

### Mechanical and physical properties

Parametry Parameters	CERTAL <sup>®</sup> (T651)			CERTAL SPC <sup>®</sup> (T652)
Grubość Thickness [mm]	≥ 8 + 25	>25 + 100	>100 + 140	≥150 + 300
Granica plastyczności Re 0,2 Yield strength Re 0,2 [N/mm <sup>2</sup> ]	495	495	490	480
Wytrzymałość na rozciąganie Tensile strength [N/mm <sup>2</sup> ]	555	550	545	540
Twardość [HB] Hardness Brinell [2,5/62,5]	170	165	165	160
Gęstość Density [g/cm <sup>3</sup> ]	2,76			
Współczynnik rozszerzalności liniowej Lineal coefficient of expansion [K <sup>-1</sup> ]	23,6 x 10 <sup>-6</sup>			
Przewodność ciepła Thermal conductivity [W/m x K]	120 + 150			

## Wymiary Dimensions

Wymiary arkusza Plates dimensions [mm]	Grubości płyt Plate tickness [mm]	Stan materiału Material condition	
		Symbol Grade symbol	Opis Description
1520 x 3020	8,10, 12, 15, 20, 25, 30, 35, 40, 45, 50, 60 70, 80, 90,100,120,130,140	CERTAL <sup>®</sup> (T651)	Odprężony przez rozciąganie Stress relieved by stretching
1520 x 3020	150,160,170,180,200,220,250,280,300	CERTAL SPC <sup>®</sup> T652	Walcowany, po zgnioście Rolled, compressed

UWAGA: 1. Inne wymiary płyt na zapytanie .

2. FCPK Bytów ucina z arkuszy płyty o wymiarach zgodnych z życzeniem zamawiającego.

Note: 1. Other dimensions are available upon request.

2. FCPK Bytów cuts the plate to size according to customers specification.



**Wytrzymały jak stal - trzykrotnie lżejszy od stali - rewelacyjne możliwości obróbcze  
Doskonały na formy wtryskowe, prototypowe lub do krótkich serii (ok. 100.000 wtrysków).**

Strong as steel- one-third the weight-remarkable machinability.

Perfect for low production (ca. 100.000 injections) mold bases and prototype applications.

**Właściwości:**

1. Własności wytrzymałościowe porównywalne do stali konstrukcyjnych węglowych i niskostopowych nie obrabianych cieplnie.
2. Bardzo dobra przewodność cieplna (ponad 3-krotnie większa niż stali)
3. Jednorodna struktura wewnętrzna - bardzo dobry materiał do obróbki głębokich wybrań.
4. Odporność na korozję - średnia

**Możliwości obróbcze:**

1. Maszynowa obróbka wiórowa 5 razy szybsza niż stali przy mniejszym zużyciu narzędzi.
2. Obróbka elektroerozyjna - szybsza niż stali przy jednoczesnym kilkukrotnie mniejszym zużyciu elektrod.
3. Polerowanie - uzyskuje się parametry porównywalne z polerowaną stalą.
4. Cięcie plazmą.
5. Trawienie fotochemiczne.
6. Obróbka galwaniczna. Poprzez chromowanie, niklowanie lub anodowanie można uzyskać utwardzoną powierzchnię o twardości 500÷1000 HV przy grubości warstwy 0,05÷0,2 mm.
7. Spawanie MIG/TIG - złe

**Properties:**

1. Strength properties comparable to not heat treated constructional carbon steel or low-alloy steel.
2. Excellent thermal conductivity (up to 3 times higher than that of steel).
3. Consistent cross-section alloy characteristics make **FORTAL®** ideal for deep pocket machining.
4. Reasonable resistance to corrosion.

**Machining properties:**

1. Machining of **FORTAL®** is up to 5 times faster than machining of steel with reduced tools wear.
2. Electrical discharge machining (EDM)-faster than for steel and with less electrodes.
3. Polishing-comparable to steel.
4. Plasma cutting.
5. Photo-chemical etching.
6. Electroplating-you can obtain surface hardness of 500÷1000 HV with layer thickness of 0,05÷0,2 mm through chroming, nickel plating or anodizing.
7. MIG/TIG welding - not advisable.

**Właściwości fizyko-mechaniczne  
Mechanical and physical properties**

Parametry Parameters	Fortal HR	Fortal HP
Grubość Thickness [mm]	92	152
Granica plastyczności Re 0,2 Yield strength Re 0,2 [N/mm <sup>2</sup> ]	480	440
Wytrzymałość na rozciąganie Tensile strength [N/mm <sup>2</sup> ]	550	520
Twardość [HB] Hardness Brinell [2,5/62,5]	150	150
Gęstość Density [g/cm <sup>3</sup> ]	2,77	
Współczynnik rozszerzalności liniowej Lineal coefficient of expansion [K <sup>-1</sup> ]	33 x 10 <sup>-6</sup>	32,5 x 10 <sup>-6</sup>
Przewodność ciepła Thermal conductivity [W/m x K]	130	

**Skład chemiczny:**

Chemical composition: Cu 1,6%; Cr - 0,23%; Al - 90,07%, Mg - 2,5%; Zn - 5,6%.

**Wymiary i rodzaje:**

**FORTAL®** oferowany jest przez producenta w dwóch rodzajach: HR i HP. Wymiary płyt wykonywanych przez producenta dla poszczególnych rodzajów

**Dimensions and Grades:**

**FORTAL®** is offered by the producer in two grades: HR and HP. You can find all dimensions offered by the producer for each grade in the table below.

WYMIARY ARKUSZA Plate dimensions	Grubość płyty (mm) Plate tickness (mm)													
	14	18,5	22,5	28	35,5	43,5	53,5	65	72	82	92	102	127	152
1500x3000		HR	HR	HR	HR	HR	HR	HR	HR	HR	HR			
1250x2500	HR											HP		
1200x2500													HP	
1060x2500														HP

UWAGA: 1. Inne wymiary płyt na zapytanie .

2. FCPK Bytów ucina z arkuszy płyty o wymiarach zgodnych z życzeniem zamawiającego.

Note: 1. Other dimensions are available upon request.

2. FCPK Bytów cuts the plate to size according to customers specification.

## Oznaczenie stopu wg EN: AlZn 5,5MgCu

Alloy code according to EN: AlZn5,5MgCu

## Właściwości:

1. Wysokie własności wytrzymałościowe dla płyt o grubości do 100mm-porównywalne do stali konstrukcyjnych węglowych niskostopowych nie obrabionych cieplnie.
2. Bardzo dobra przewodność cieplna (ponad 3-krotnie wyższa od stali)
3. Jednorodna struktura wewnętrzna dla płyt o grubości do 100 mm - bardzo dobry materiał do obróbki głębokich wybrań.
4. Odporność na korozję-średnia.

## Zastosowanie:

1. Formy rozdmuchowe, formy na tworzywa piankowe.
2. Płyty podstawy, głowicowe, prowadzące i stemplowe w tłocznikach i wykrojnikach.
3. Części maszyn o większych obciążeniach.

## Możliwości obróbcze:

1. Obrabialność skrawaniem-bardzo dobra.
2. Szlifowanie i polerowanie-bardzo dobre.
3. Obróbka elektroerozyjna-bardzo dobra.
4. Obróbka galwaniczna: chromowanie, niklowanie, anodowanie - średnia.
5. Spawanie MIG/TIG - złe

## Properties:

1. Strength properties for plates up to 100 mm thick comparable to not heat treated constructional carbon steel or low-alloy steel.
2. Excellent thermal conductivity (more than 3 times higher than that of steel).
3. Consistent cross-section alloy characteristics for plates up to 100 mm thick make **7075** ideal for deep pocket machining.
4. Reasonable resistance to corrosion.

## Application:

1. Blowing and foaming molds.
2. Die shoes, head blocks, stripper plates and punch holders for blanking and punching tools.
3. Highly stressed machine parts.

## Machining properties:

1. Excellent machining properties.
2. Very good grinding and polishing properties.
3. Remarkable EDM machining properties.
4. Reasonable electroplating properties (chroming, nickel plating or anodizing).
5. MIG/TIG welding - not advisable.

Właściwości fizyko-mechaniczne  
Mechanical and physical properties

Parametry Parameters	T651	
Grubość Thickness [mm]	25	100
Granica plastyczności Re 0,2 Yield strength Re 0,2 [N/mm <sup>2</sup> ]	470	390
Wytrzymałość na rozciąganie Tensile strength [N/mm <sup>2</sup> ]	540	480
Twardość [HB] Hardness Brinell [2,5/62,5]	161	130
Gęstość Density [g/cm <sup>3</sup> ]	2,80	
Współczynnik rozszerzalności liniowej Lineal coefficient of expansion [K <sup>-1</sup> ]	23,4 x 10 <sup>-6</sup>	
Przewodność ciepła Thermal conductivity [W/m x K]	130 + 160	

## Wymiary:

Stop **7075** oferowany jest w postaci blach walcowanych lub frezowanych.  
Tolerancje wymiarów zgodne z normą EN 485-3

## Dimensions:

**7075** alloy is offered as rolled or milled sheets  
Dimensional tolerances according to EN 485-3

Wymiary arkusza Plates dimensions [mm]	Grubości płyt Plate tickness [mm]	Stan materiału Material condition	
		Symbol Grade symbol	Opis Description
1520 x 3020	Powierzchnia frezowana 15, 20, 25, 30, 35, 40	T651	Odpężony przez rozciąganie Stress relieved by stretching
	Powierzchnia walcowana 10-30, 35, 40, 45, 50,60,70, 80 90, 100, 120, 130, 140, 150		

UWAGA: 1. Inne wymiary płyt na zapytanie .

2. FCPK Bytów ucina z arkuszy płyty o wymiarach zgodnych z życzeniem zamawiającego.

Note: 1. Other dimensions are available upon request.

2. FCPK Bytów cuts the plate to size according to customers specification.

### Oznaczenie stopu wg EN: AlMg4,5Mn0,7

Alloy code according to EN: AlMg4,5Mn0,7

#### Właściwości:

1. Niskie naprężenia własne.
2. Bardzo dobry materiał do głębokich wybrań.
3. Bardzo dobra trwałość kształtu.
4. Stop nie hartowany, twardość naturalna.

#### Properties:

1. Low internal stress.
2. Very good for deep pocket machining.
3. Very good shape stability.
4. Not hardened-natural state.

#### Zastosowanie:

1. Formy rozdmuchowe, formy na tworzywa piankowe.
2. Formy wtryskowe.
3. Formy do styropianu.

#### Application:

1. Blowing and foaming molds.
2. Injection molds.
3. Molds for styrofoam.

#### Możliwości obróbcze:

1. Obrabialność skrawaniem-bardzo dobra.
2. Obróbka elektroerozyjna-bardzo dobra.
3. Obróbka galwaniczna: anodowanie - dobra (nie gwarantujemy za ton barwy)
4. Spawalność MIG/TIG - bardzo dobra-( należy stosować dodatki do spawania AA 5183 )

#### Machining properties:

1. Excellent machining properties.
2. Remarkable EDM machining properties.
3. Good electroplating-anodizing (colors may vary)
4. MIG/TIG welding - very good ( welding accessories AA5183 necessary)

#### Właściwości fizyko-mechaniczne Mechanical and physical properties

Parametry Parameters	G.AL <sup>®</sup> C210	
Grubość Thickness [mm]	750	1100
Granica plastyczności Re 0,2 Yield strength Re 0,2 [N/mm <sup>2</sup> ]	110-115	110
Wytrzymałość na rozciąganie Tensile strength [N/mm <sup>2</sup> ]	240-270	220-250
Twardość [HB] Hardness Brinell [2,5/62,5]	70-75	70
Gęstość Density [g/cm <sup>3</sup> ]	2,66	
Współczynnik rozszerzalności liniowej Lineal coefficient of expansion [K <sup>-1</sup> ]	23,3 x 10 <sup>-6</sup>	
Przewodność ciepła Thermal conductivity [W/m x K]	110 + 140	

#### Wymiary:

Stop G.AL<sup>®</sup> C210 oferowany jest w postaci blach ciętych na pile lub frezowanych.

#### Dimensions:

G.AL<sup>®</sup> C210 alloy is offered as saw cut or milled sheets .

Wymiary arkusza, bloku Plates dimensions [mm]	Grubości płyt Plate tickness [mm]	Stan materiału Material condition
1520 x 3020	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 140, 150	Ujednolicony odprężony  Homogenized stress relieved
1575x4500	575	
2175x4000		
1425x4000	725	
1560x2900	1060	

UWAGA: 1. Inne wymiary płyt na zapytanie .

2. FCPK Bytów ucina z arkuszy płyty o wymiarach zgodnych z życzeniem zamawiającego.

Note: 1. Other dimensions are available upon request.

2. FCPK Bytów cuts the plate to size according to customers specification.

## Oznaczenie stopu wg EN: AlCu6,5Mn0,3

Alloy code according to EN: AlCu6,5Mn0,3

## Właściwości:

1. Wysoka wytrzymałość.
2. Wysoka odporność na temperaturę ( 250°C )
3. Małe naprężenia wewnętrzne- duża stabilność wymiarowa po obróbce mechanicznej.

## Zastosowanie:

1. Formy wtryskowe prototypowe.
2. Formy rozdmuchowe i na tworzywa piankowe.

## Możliwości obróbcze:

1. Obrabialność skrawaniem-bardzo dobra.
2. Polerowanie-dobre.
3. Obróbka elektroerozyjna-dobra.
4. Trawienie fotochemiczne struktur-dobre
5. Spawalność MIG/TIG - bardzo dobra-( należy stosować dodatki do spawania AA 5183 )

## Properties:

1. High strength properties.
2. High temperature resistance (250°C)
3. Low internal stress - high dimensional stability after machining.

## Application:

1. Prototype injection molds..
2. Blowing and foaming molds.

## Machining properties:

1. Excellent machining properties.
2. Polishing-good.
3. EDM-good
4. Photo-chemical etching-good
5. MIG/TIG welding - very good ( welding accessories AA5183 necessary)

Właściwości fizyko-mechaniczne  
Mechanical and physical properties

Parametry Parameters	T351/T352		
Grubość Thickness [mm]	100	200	300
Granica plastyczności Re 0,2 Yield strength Re 0,2 [N/mm <sup>2</sup> ]	335	329	327
Wytrzymałość na rozciąganie Tensile strength [N/mm <sup>2</sup> ]	449	436	427
Twardość [HB] Hardness Brinell [2,5/62,5]	130		
Gęstość Density [g/cm <sup>3</sup> ]	2,84		
Współczynnik rozszerzalności liniowej Lineal coefficient of expansion [K <sup>-1</sup> ]	22,5 x 10 <sup>-6</sup>		
Przewodność ciepła Thermal conductivity [W/m x K]	130		

## Wymiary:

Stop **2219** oferowany jest w postaci blach walcowanych.  
Tolerancje wymiarów zgodne z normą DIN 2768m

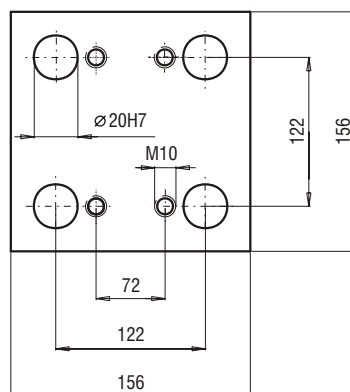
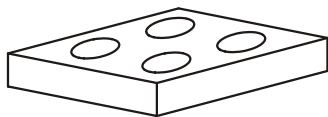
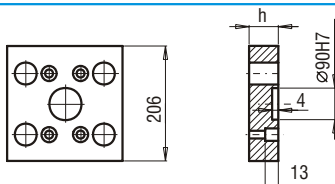
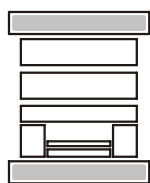
## Dimensions:

**2219** alloy is offered as rolled sheets.  
Dimensional tolerances according to DIN 2768m

Wymiary arkusza Plates dimensions [mm]	Grubości płyt Plate tickness [mm]	Stan materiału Material condition	
		Symbol Grade symbol	Opis Description
1520 x 3020	80, 100, 120, 140, 150, 160, 180, 200, 220,230 250, 280, 300, 320, 350, 400, 450, 500	T351	Wyciągany Fullered
		T352	Po zgnioście Compressed

UWAGA: 1. Inne wymiary płyt na zapytanie .  
2. FCPK Bytów uciną z arkuszy płyty o wymiarach zgodnych z życzeniem zamawiającego.

Note: 1. Other dimensions are available upon request.  
2. FCPK Bytów cuts the plate to size according to customers specification.

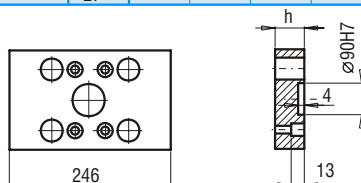
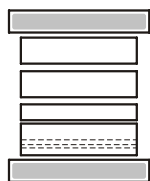
**01**

**PK 01**  
**PK 11**


PK 01/206x156x

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22					
27					

PK 11/206x156x

h	FCPK-1	FCPK-2			
22					
27					

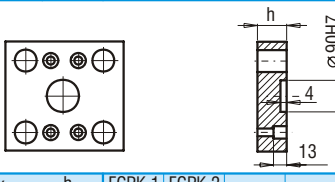
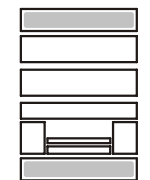
**PK 02**  
**PK 12**


PK 02/156x246x

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22					
27					

PK 12/156x246x

h	FCPK-1	FCPK-2			
22					
27					

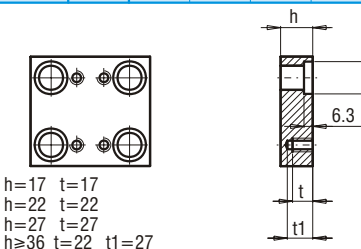
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**PK 22**


PK 21/156x156x

h	FCPK-1	FCPK-2			
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22					

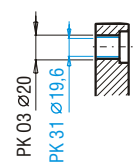
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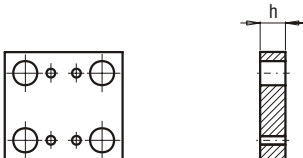
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17					
22					

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=22 t1=27

 PK 03/156x156x  
 PK 31/156x156x

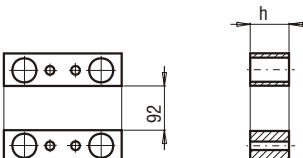
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


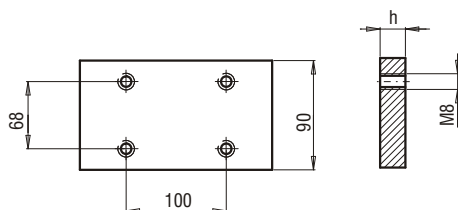
PK 04/156x156x

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36					

**PK 05**


PK 05/32x156x

h	FCPK-1				
46					
56					
76					

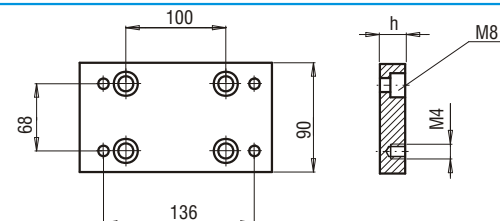
**PK 06**


PK 06/90x156x

h

FCPK-1

9

**PK 07A**


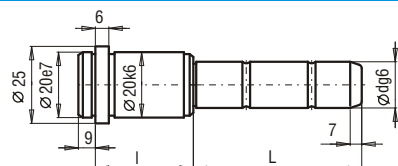
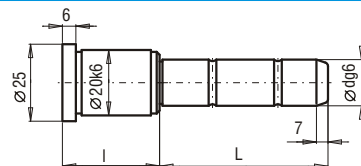
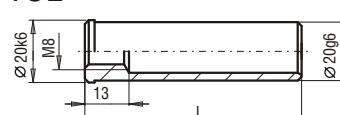
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h

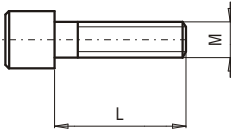
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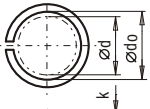
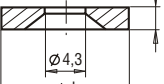
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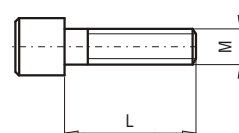
17

**SLE**

**SXE**

**TUE**


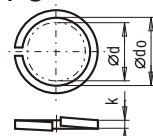
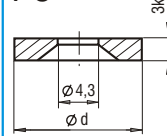
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15/14	17	35	SLE-..017035	15/14	56	55	SLE-..056055	15/14	22	20	SXE-..022020	15/14	56	35	SXE-..056035	30	TUE-20030		120	TUE-20120																				
		55	SLE-..017055			75	SLE-..056075			35	SXE-..022035			55	SXE-..056055	40	TUE-20040		140	TUE-20140																				
		75	SLE-..017075			95	SLE-..056095			40	SXE-..022040			75	SXE-..056075	60	TUE-20060		160	TUE-20160																				
		95	SLE-..017095			135	SLE-..056135			45	SXE-..022045			95	SXE-..056095	80	TUE-20080																							
	22	30	SLE-..022030		66	55	SLE-..066055									66	55	SXE-..066055	100	TUE-20100																				
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		65	SLE-..027065															95		SLE-..096095													40	SXE-..027040						
		85	SLE-..027085			75												SLE-..116075	45	SXE-..027045																				
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		65	SLE-..046065																																	75	SXE-..036075			
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125		SLE-..046125	105	SXE-..046105																																				
145		SLE-..046145	20	SXE-..056020																																				
56		125	SLE-..056035	56																																				

SM					
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
10	SM-10010	50	SM-10050	140	SM-10140
12	SM-10012	55	SM-10055	150	SM-10150
14	SM-10014	60	SM-10060	160	SM-10160
16	SM-10016	65	SM-10065	170	SM-10170
18	SM-10018	70	SM-10070	180	SM-10180
20	SM-10020	75	SM-10075	200	SM-10200
22	SM-10022	80	SM-10080	220	SM-10220
25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
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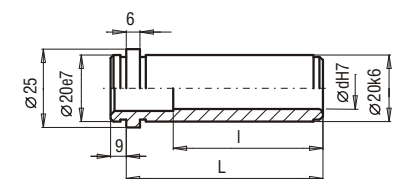
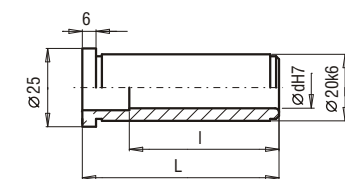
PS	
P0	

**SM**


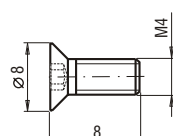
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25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
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**PS**

**P0**


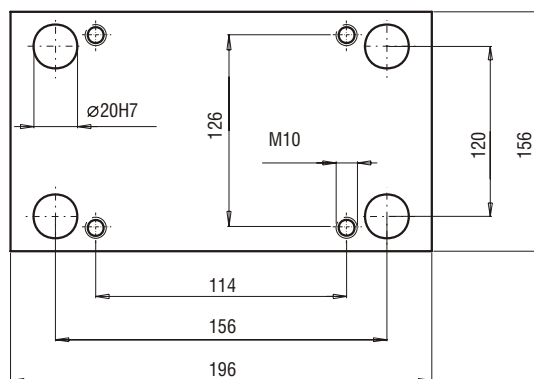
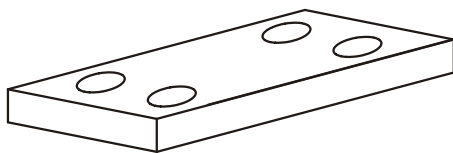
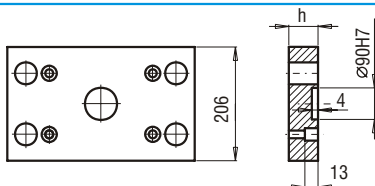
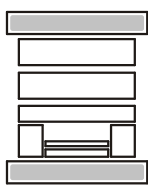
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18			P0-1803

**TPE**

**TXE**


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	31	22	TPE-..022		76	76	TPE-..076		17	17	TXE-..017		56	66	TXE-..066
	36	27	TPE-..027		76	86	TPE-..086		22	22	TXE-..022		56	76	TXE-..076
	45	36	TPE-..036		76	96	TPE-..096		27	27	TXE-..027		56	86	TXE-..086
	55	46	TPE-..046		76	116	TPE-..116		36	36	TXE-..036		56	96	TXE-..096
	65	56	TPE-..056						46	46	TXE-..046				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

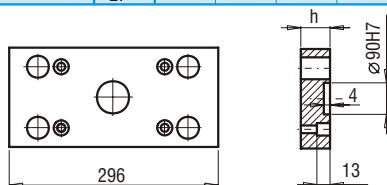
**02**

**PK 01**  
**PK 11**


PK 01/206x196x

h	FCPK-1	FCPK-2			
22					
27					

PK 11/206x196x

h	FCPK-1	FCPK-2			
22					
27					

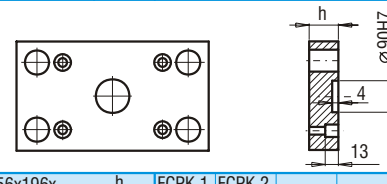
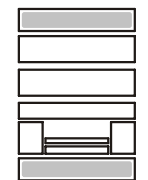
**PK 02**  
**PK 12**


PK 02/156x296x

h	FCPK-1	FCPK-2			
22					
27					

PK 12/156x296x

h	FCPK-1	FCPK-2			
22					
27					

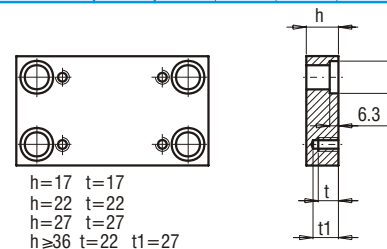
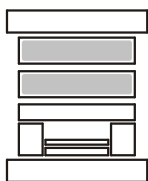
**PK 21**  
**PK 22**


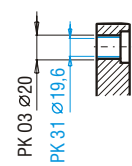
PK 21/156x196x

h	FCPK-1	FCPK-2			
17					
22					

PK 22/156x196x

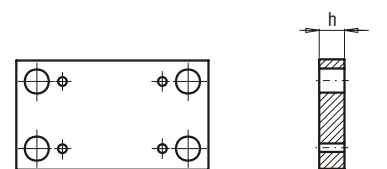
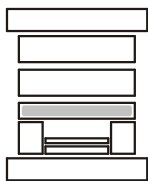
h	FCPK-1	FCPK-2			
17					
22					

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=22 t1=27

 PK 03/156x196x  
 PK 31/156x196x


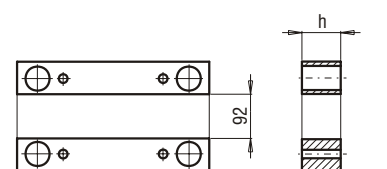
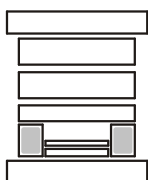
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/156x196x

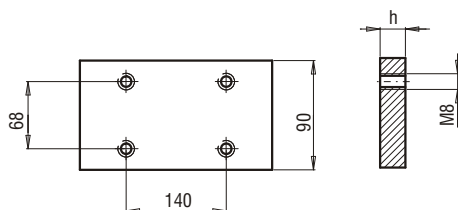
h	FCPK-1	FCPK-2			
27					
36					

**PK 05**


PK 05/32x196x

h	FCPK-1				
46					
56					
76					



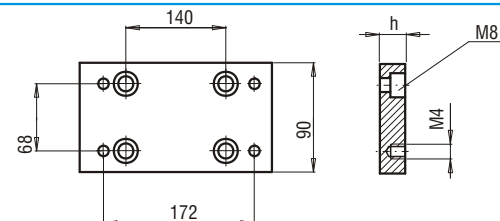
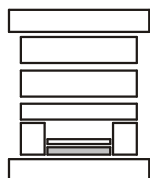
**PK 06**


PK 06/90x196x

h

FCPK-1

9

**PK 07A**


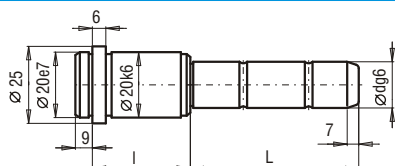
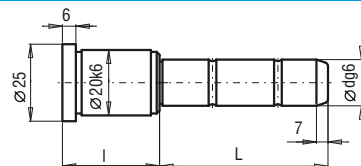
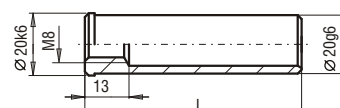
PK 07A/90x196x

h

FCPK-1

FCPK-2

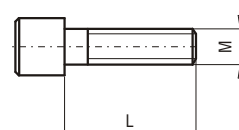
17

**SLE**

**SXE**

**TUE**


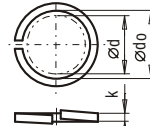
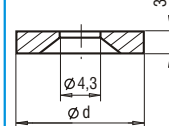
d	l	L	SLE-15/14 ...
15/14	17	35	SLE-..017035
		55	SLE-..017055
		75	SLE-..017075
		95	SLE-..017095
	22	30	SLE-..022030
		50	SLE-..022050
		70	SLE-..022070
		90	SLE-..022090
	110	110	SLE-..022110
		125	SLE-..022125
		150	SLE-..022150
		165	SLE-..022165
27	30	30	SLE-..027030
		45	SLE-..027045
		65	SLE-..027065
		85	SLE-..027085
	105	105	SLE-..027105
		125	SLE-..027125
		145	SLE-..027145
		165	SLE-..027165
	36	35	SLE-..036035
		55	SLE-..036055
		75	SLE-..036075
		95	SLE-..036095
46	125	125	SLE-..036125
		155	SLE-..036155
		175	SLE-..036175
		195	SLE-..036195
	45	45	SLE-..045045
		65	SLE-..045065
		85	SLE-..045085
		105	SLE-..045105
	125	125	SLE-..045125
		145	SLE-..045145
		165	SLE-..045165
		185	SLE-..045185
56	125	125	SLE-..056025
		145	SLE-..056045
		165	SLE-..056065
		185	SLE-..056085
	145	145	SLE-..056105
		165	SLE-..056125
		185	SLE-..056145
		205	SLE-..056165
	165	165	SLE-..056185
		185	SLE-..056205
		205	SLE-..056225
		225	SLE-..056245

d	l	L	SXE-15/14 ...
15/14	22	20	SXE-..022020
		35	SXE-..022035
		40	SXE-..022040
		45	SXE-..022045
	50	50	SXE-..022050
		55	SXE-..022055
		65	SXE-..022065
		70	SXE-..022070
	90	90	SXE-..022090
		110	SXE-..022110
		120	SXE-..022120
		135	SXE-..022135
27	35	35	SXE-..027035
		40	SXE-..027040
		45	SXE-..027045
		55	SXE-..027055
	65	65	SXE-..027065
		85	SXE-..027085
		105	SXE-..027105
		120	SXE-..027120
	36	20	SXE-..036020
		35	SXE-..036035
		40	SXE-..036040
		45	SXE-..036045
46	45	45	SXE-..045045
		55	SXE-..045055
		65	SXE-..045065
		75	SXE-..045075
	95	95	SXE-..045095
		115	SXE-..045115
		135	SXE-..045135
		155	SXE-..045155
	115	115	SXE-..045175
		135	SXE-..045195
		155	SXE-..045215
		175	SXE-..045235
56	20	20	SXE-..056020
		35	SXE-..056035
		40	SXE-..056040
		45	SXE-..056045
	65	65	SXE-..056065
		85	SXE-..056085
		105	SXE-..056105
		125	SXE-..056125
	85	85	SXE-..056145
		105	SXE-..056165
		125	SXE-..056185
		145	SXE-..056205

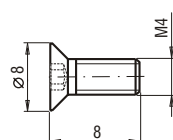
d	l	L	TUE-20...
15/14	30	30	TUE-20030
		40	TUE-20040
		60	TUE-20060
		80	TUE-20080
	100	100	TUE-20100
		120	TUE-20120
		140	TUE-20140
		160	TUE-20160
	180	180	TUE-20180
		200	TUE-20200
		220	TUE-20220
		240	TUE-20240

**SM**


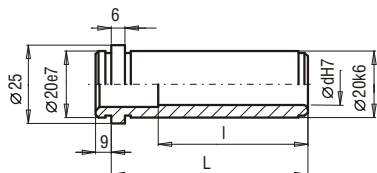
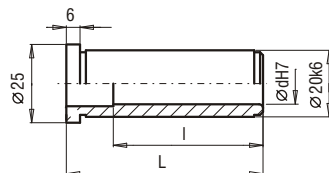
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
10	SM-10010	50	SM-10050	140	SM-10140
12	SM-10012	55	SM-10055	150	SM-10150
14	SM-10014	60	SM-10060	160	SM-10160
16	SM-10016	65	SM-10065	170	SM-10170
18	SM-10018	70	SM-10070	180	SM-10180
20	SM-10020	75	SM-10075	200	SM-10200
22	SM-10022	80	SM-10080	220	SM-10220
25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
35	SM-10035	110	SM-10110	280	SM-10280
40	SM-10040	120	SM-10120		

**PS**

**P0**


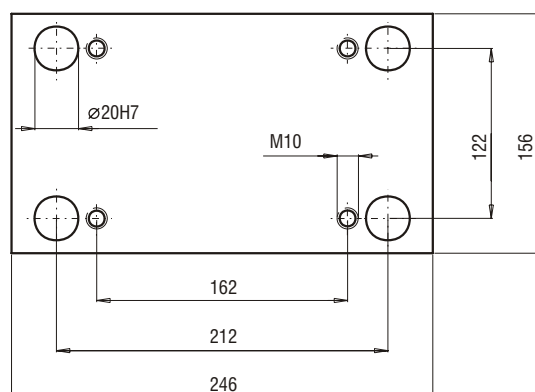
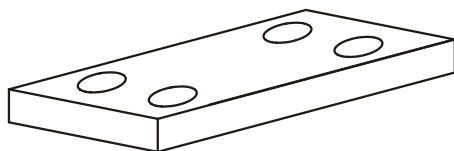
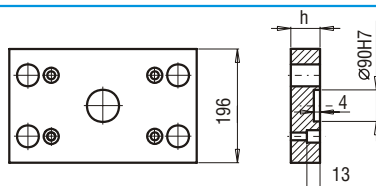
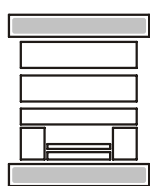
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	10	8.2x1.6	10.2x2.0
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-15/14 ...
15/14	26	17	TPE-..017
		31	TPE-..022
		36	TPE-..027
		45	TPE-..036
	55	46	TPE-..046
		56	TPE-..056
		66	TPE-..066
		76	TPE-..076
	86	86	TPE-..086
		96	TPE-..096
		106	TPE-..106
		116	TPE-..116
d	l	L	TXE-15/14 ...
15/14	12	12	TXE-..012
		17	TXE-..017
		22	TXE-..022
		27	TXE-..027
	36	36	TXE-..036
		46	TXE-..046
	56	56	TXE-..056
		66	TXE-..066
		76	TXE-..076
		86	TXE-..086
	96	96	TXE-..096
		106	TXE-..106

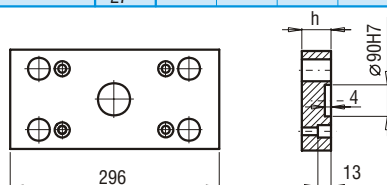
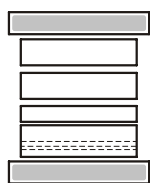
**03**

**PK 01**  
**PK 11**


PK 01/196x246x

h	FCPK-1	FCPK-2
22		
27		

PK 11/196x246x

h	FCPK-1	FCPK-2
22		
27		

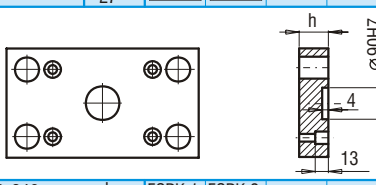
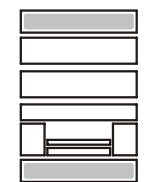
**PK 02**  
**PK 12**


PK 02/156x296x

h	FCPK-1	FCPK-2
22		
27		

PK 12/156x296x

h	FCPK-1	FCPK-2
22		
27		

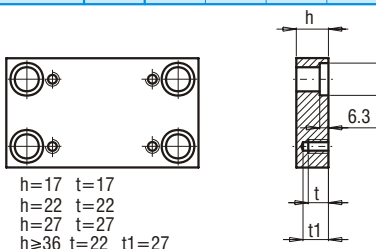
**PK 21**  
**PK 22**


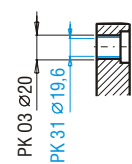
PK 21/156x246x

h	FCPK-1	FCPK-2
17		
22		

PK 22/156x246x

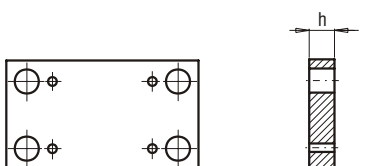
h	FCPK-1	FCPK-2	FCPK-3
17			
22			

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=22 t1=27

 PK 03/156x246x  
 PK 31/156x246x


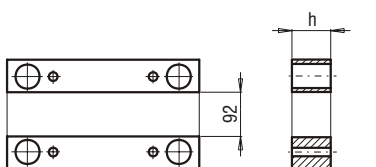
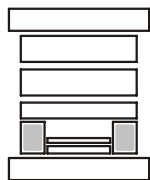
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


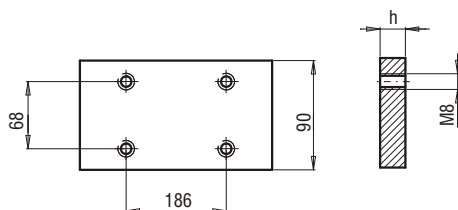
PK 04/156x246x

h	FCPK-1	FCPK-2
27		
36		

**PK 05**


PK 05/32x246x

h	FCPK-1
46	
56	
76	

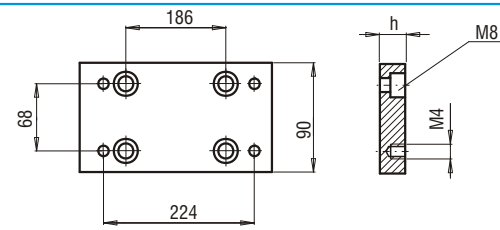
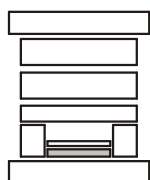
**PK 06**


PK 06/90x246x

h

FCPK-1

9

**PK 07A**


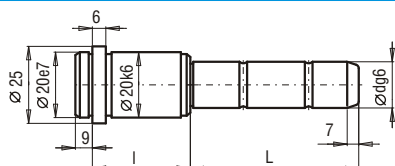
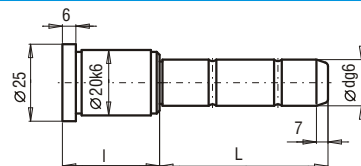
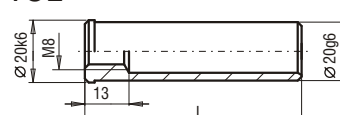
PK 07A/90x246x

h

FCPK-1

FCPK-2

17

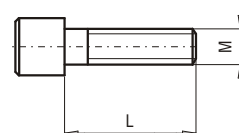
**SLE**

**SXE**

**TUE**


d	l	L	SLE-15/14 ...
15/14	17	35	SLE-..017035
		55	SLE-..017055
		75	SLE-..017075
		95	SLE-..017095
	22	30	SLE-..022030
		50	SLE-..022050
		70	SLE-..022070
		90	SLE-..022090
	110	110	SLE-..022110
		125	SLE-..022125
		150	SLE-..022150
	27	30	SLE-..027030
		45	SLE-..027045
		65	SLE-..027065
		85	SLE-..027085
15/14	56	55	SLE-..056055
		75	SLE-..056075
		95	SLE-..056095
		135	SLE-..056135
	66	55	SLE-..066055
		65	SLE-..066065
		95	SLE-..066095
		125	SLE-..066125
	76	55	SLE-..076055
		95	SLE-..076095
	86	55	SLE-..086055
		95	SLE-..086095
	96	55	SLE-..096055
		95	SLE-..096095
	116	75	SLE-..116075
15/14	36	35	SLE-..036035
		55	SLE-..036055
		75	SLE-..036075
		95	SLE-..036095
	46	125	SLE-..036125
		155	SLE-..036155
	56	35	SLE-..046035
		45	SLE-..046045
		65	SLE-..046065
		85	SLE-..046085
	105	105	SLE-..046105
		125	SLE-..046125
		145	SLE-..046145
		125	SLE-..056035

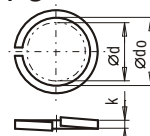
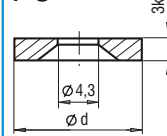
d	l	L	SXE-15/14 ...
15/14	22	20	SXE-..022020
		35	SXE-..022035
		40	SXE-..022040
		45	SXE-..022045
	50	50	SXE-..022050
		55	SXE-..022055
		65	SXE-..022065
		70	SXE-..022070
	90	90	SXE-..022090
		110	SXE-..022110
	27	20	SXE-..027020
		35	SXE-..027035
		40	SXE-..027040
		45	SXE-..027045
15/14	36	20	SXE-..036020
		35	SXE-..036035
		40	SXE-..036040
		45	SXE-..036045
	46	55	SXE-..036055
		65	SXE-..036065
		75	SXE-..036075
		95	SXE-..036095
	56	20	SXE-..046020
		35	SXE-..046035
		45	SXE-..046045
		65	SXE-..046065
	85	85	SXE-..046085
		105	SXE-..046105
		20	SXE-..056020

d	l	L	SXE-15/14 ...
15/14	56	35	SXE-..056035
		55	SXE-..056055
		75	SXE-..056075
		95	SXE-..056095
	66	55	SXE-..066055
		65	SXE-..066065
		95	SXE-..066095
	76	55	SXE-..076055
		95	SXE-..076095
	86	55	SXE-..086055
		95	SXE-..086095

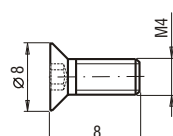
L	TUE-20...	L	TUE-20...
30	TUE-20030	120	TUE-20120
40	TUE-20040	140	TUE-20140
60	TUE-20060	160	TUE-20160
80	TUE-20080		
100	TUE-20100		

**SM**


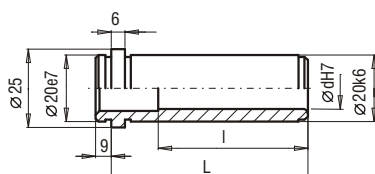
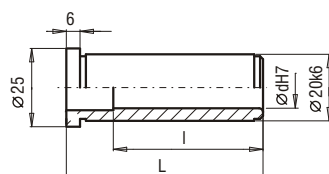
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
10	SM-10010	50	SM-10050	140	SM-10140
12	SM-10012	55	SM-10055	150	SM-10150
14	SM-10014	60	SM-10060	160	SM-10160
16	SM-10016	65	SM-10065	170	SM-10170
18	SM-10018	70	SM-10070	180	SM-10180
20	SM-10020	75	SM-10075	200	SM-10200
22	SM-10022	80	SM-10080	220	SM-10220
25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
35	SM-10035	110	SM-10110	280	SM-10280
40	SM-10040	120	SM-10120		

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	10	8.2x1.6	10.2x2.0
18			P0-1803

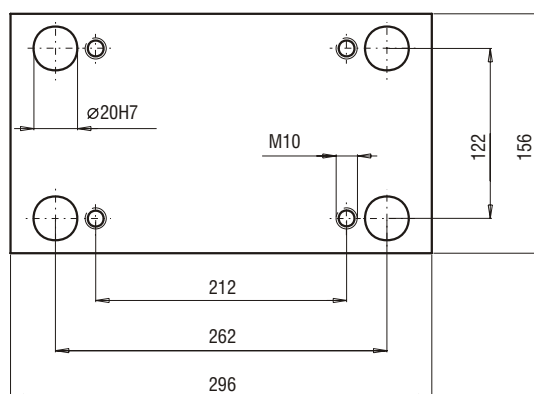
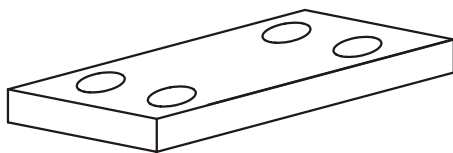
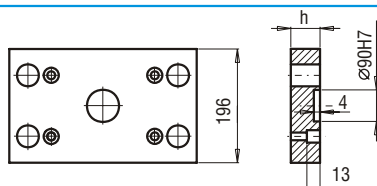
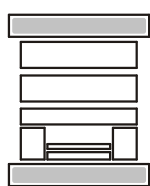
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-15/14 ...
15/14	26	17	TPE-..017
	31	22	TPE-..022
	36	27	TPE-..027
	45	36	TPE-..036
	55	46	TPE-..046
	65	56	TPE-..056
15/14	75	66	TPE-..066
	76	76	TPE-..076
	76	86	TPE-..086
	76	96	TPE-..096
15/14	76	116	TPE-..116

d	l	L	TXE-15/14 ...
15/14	12	12	TXE-..012
	17	17	TXE-..017
	22	22	TXE-..022
	27	27	TXE-..027
	36	36	TXE-..036
	46	46	TXE-..046
15/14	56	56	TXE-..056
	56	66	TXE-..066
	56	76	TXE-..076
	56	86	TXE-..086
15/14	56	96	TXE-..096

**04**

**PK 01**  
**PK 11**


PK 01/196x296x

h

27

FCPK-1

FCPK-2

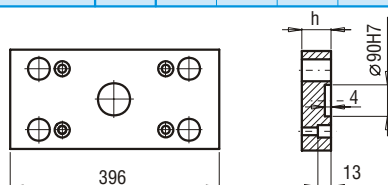
PK 11/196x296x

h

27

FCPK-1

FCPK-2

**PK 02**  
**PK 12**


PK 02/156x396x

h

27

FCPK-1

FCPK-2

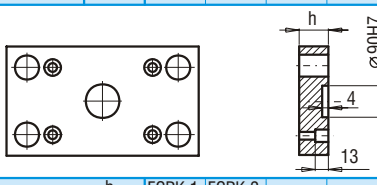
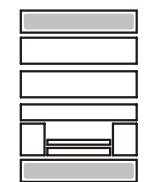
PK 12/156x396x

h

27

FCPK-1

FCPK-2

**PK 21**  
**PK 22**


PK 21/156x296x

h

22

FCPK-1

FCPK-2

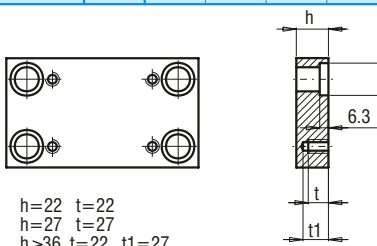
PK 22/156x296x

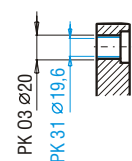
h

22

FCPK-1

FCPK-2

**PK 03**  
**PK 31**

 $h=22 \quad t=22$   
 $h=27 \quad t=27$   
 $h \geq 36 \quad t=22 \quad t1=27$ 

 PK 03/156x296x  
 PK 31/156x296x


h

22

27

36

46

56

66

76

FCPK-1

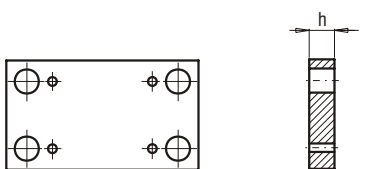
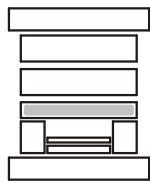
FCPK-2

FCPK-3

\*

\*

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/156x296x

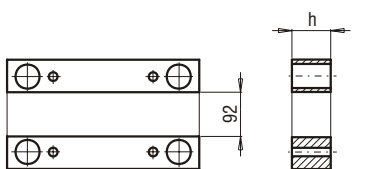
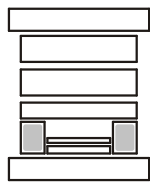
h

27

36

FCPK-1

FCPK-2

**PK 05**


PK 05/32x296x

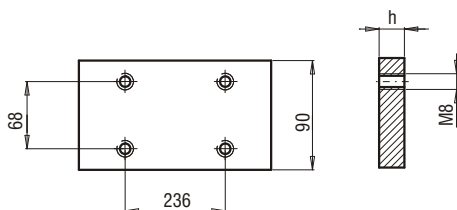
h

46

56

76

FCPK-1

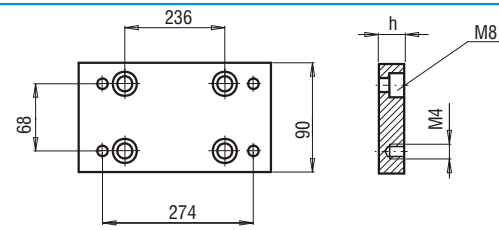
**PK 06**


PK 06/90x296x

h

FCPK-1

12

**PK 07A**


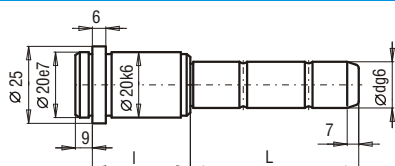
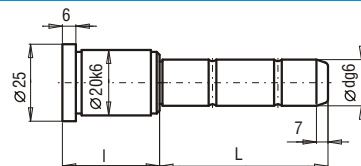
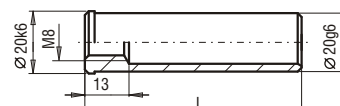
PK 07A/90x296x

h

FCPK-1

FCPK-2

17

**SLE**

**SXE**

**TUE**


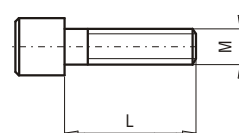
d	l	L	SLE-15/14 ...	d	l	L	SLE-15/14 ...	d	l	L	SXE-15/14 ...	d	l	L	SXE-15/14 ...	L	TUE-20...	L	TUE-20...				
15/14	17	35	SLE-..017035	15/14	56	55	SLE-..056055	15/14	22	20	SXE-..022020	15/14	56	35	SXE-..056035	30	TUE-20030	120	TUE-20120				
		55	SLE-..017055			75	SLE-..056075			35	SXE-..022035			55	SXE-..056055	40	TUE-20040	140	TUE-20140				
		75	SLE-..017075			95	SLE-..056095			40	SXE-..022040			75	SXE-..056075	60	TUE-20060	160	TUE-20160				
		95	SLE-..017095			135	SLE-..056135			45	SXE-..022045			95	SXE-..056095	80	TUE-20080						
	22	30	SLE-..022030		66	55	SLE-..066055				50		SXE-..022050	66	55	SXE-..066055	100	TUE-20100					
		50	SLE-..022050			65	SLE-..066065				55		SXE-..022055		65	SXE-..066065							
		70	SLE-..022070			95	SLE-..066095				65		SXE-..022065		95	SXE-..066095							
		90	SLE-..022090			125	SLE-..066125				70		SXE-..022070		76	55	SXE-..076055						
	27	110	SLE-..022110		76	55	SLE-..076055				90		SXE-..022090			95	SXE-..076095						
		125	SLE-..022125			95	SLE-..076095				110		SXE-..022110			86	55	SXE-..086055					
		150	SLE-..022150			86	55				SLE-..086055		27			20	SXE-..027020			95	SXE-..086095		
		30	SLE-..027030				95				SLE-..086095					35	SXE-..027035						
		45	SLE-..027045				96				55					SLE-..096055	36			40	SXE-..027040		
		65	SLE-..027065								95					SLE-..096095				45	SXE-..027045		
		85	SLE-..027085			55					SLE-..116075		55			SXE-..027055							
		105	SLE-..027105										65			SXE-..027065							
36	125	SLE-..027125					85	SXE-..027085															
	145	SLE-..027145					105	SXE-..027105															
	165	SLE-..027165					20	SXE-..036020															
	46	35	SLE-..036035					35	SXE-..036035														
		55	SLE-..036055					40	SXE-..036040														
		75	SLE-..036075					45	SXE-..036045														
		95	SLE-..036095					55	SXE-..036055														
	56	125	SLE-..036125					65	SXE-..036065														
155		SLE-..036155					75	SXE-..036075															
46		35	SLE-..046035					95	SXE-..036095														
		45	SLE-..046045					20	SXE-..046020														
		65	SLE-..046065					35	SXE-..046035														
		85	SLE-..046085					45	SXE-..046045														
56		105	SLE-..046105					65	SXE-..046065														
		125	SLE-..046125					85	SXE-..046085														
	145	SLE-..046145					105	SXE-..046105															
	125	SLE-..056035					20	SXE-..056020															

SM

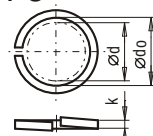
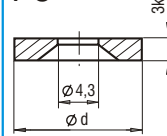
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
10	SM-10010	50	SM-10050	140	SM-10140
12	SM-10012	55	SM-10055	150	SM-10150
14	SM-10014	60	SM-10060	160	SM-10160
16	SM-10016	65	SM-10065	170	SM-10170
18	SM-10018	70	SM-10070	180	SM-10180
20	SM-10020	75	SM-10075	200	SM-10200
22	SM-10022	80	SM-10080	220	SM-10220
25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
35	SM-10035	110	SM-10110	280	SM-10280
40	SM-10040	120	SM-10120		

PS

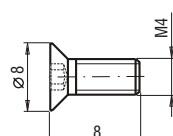
PO

**SM**


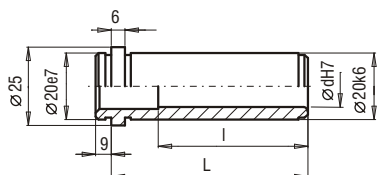
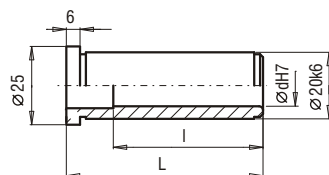
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
10	SM-10010	50	SM-10050	140	SM-10140
12	SM-10012	55	SM-10055	150	SM-10150
14	SM-10014	60	SM-10060	160	SM-10160
16	SM-10016	65	SM-10065	170	SM-10170
18	SM-10018	70	SM-10070	180	SM-10180
20	SM-10020	75	SM-10075	200	SM-10200
22	SM-10022	80	SM-10080	220	SM-10220
25	SM-10025	90	SM-10090	240	SM-10240
30	SM-10030	100	SM-10100	260	SM-10260
35	SM-10035	110	SM-10110	280	SM-10280
40	SM-10040	120	SM-10120		

**PS**

**P0**


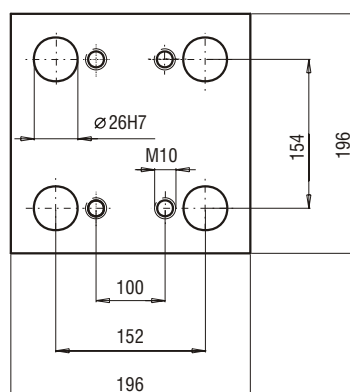
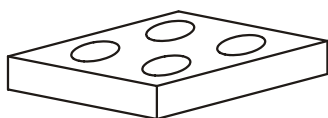
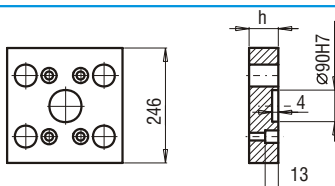
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	10	8.2x1.6	10.2x2.0
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-15/14 ...	d	l	L	TPE-15/14 ...	d	l	L	TXE-15/14 ...	d	l	L	TXE-15/14 ...
15/14	26	17	TPE-..017	15/14	75	66	TPE-..066	15/14	12	12	TXE-..012	15/14	56	56	TXE-..056
	31	22	TPE-..022		76	76	TPE-..076		17	17	TXE-..017		56	66	TXE-..066
	36	27	TPE-..027		76	86	TPE-..086		22	22	TXE-..022		56	76	TXE-..076
	45	36	TPE-..036		76	96	TPE-..096		27	27	TXE-..027		56	86	TXE-..086
	55	46	TPE-..046		76	116	TPE-..116		36	36	TXE-..036		56	96	TXE-..096
	65	56	TPE-..056						46	46	TXE-..046				

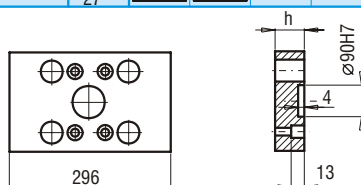
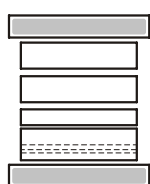
**05**

**PK 01**  
**PK 11**


PK 01/246x196x

h	FCPK-1	FCPK-2
22		
27		

PK 11/246x196x

h	FCPK-1	FCPK-2
22		
27		

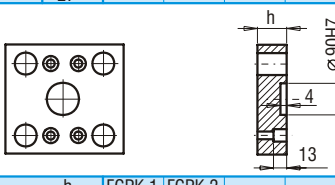
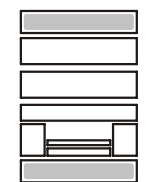
**PK 02**  
**PK 12**


PK 02/196x296x

h	FCPK-1	FCPK-2
22		
27		

PK 12/196x296x

h	FCPK-1	FCPK-2
22		
27		

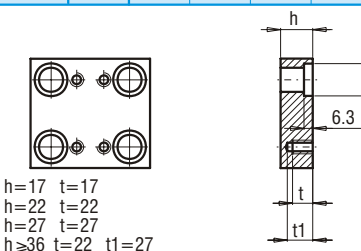
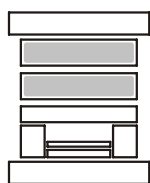
**PK 21**  
**PK 22**


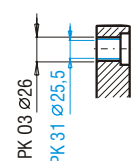
PK 21/196x196x

h	FCPK-1	FCPK-2
17		
22		

PK 22/196x196x

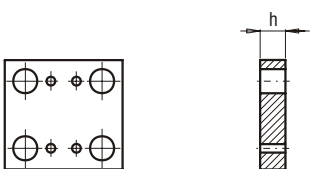
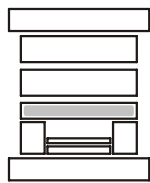
h	FCPK-1	FCPK-2
17		
22		

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=22 t1=27

 PK 03/196x196x  
 PK 31/196x196x


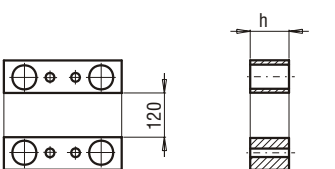
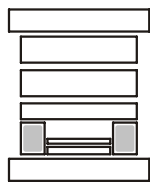
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					
86					
96					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


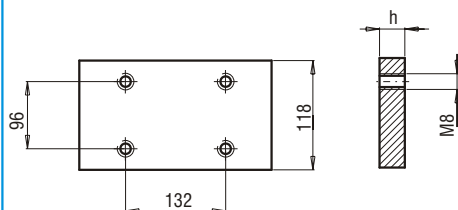
PK 04/196x196x

h	FCPK-1	FCPK-2
27		
36		

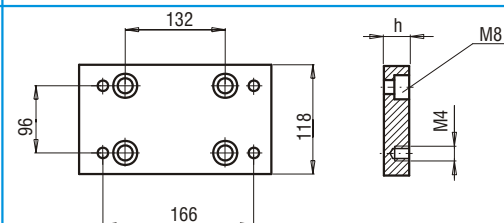
**PK 05**


PK 05/38x196x

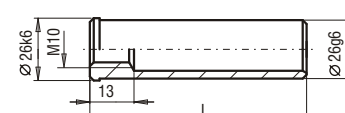
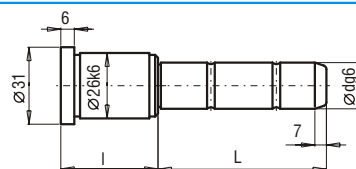
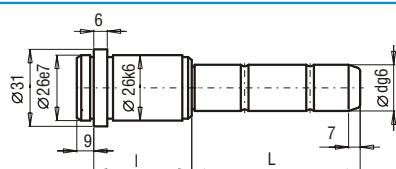
h	FCPK-1
46	
56	
76	



PK 06/118x196x	h	FCPK-1				
	12					



PK 07A/118x196x	h	FCPK-1	FCPK-2	
	17			

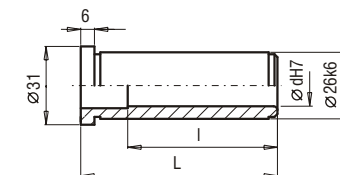
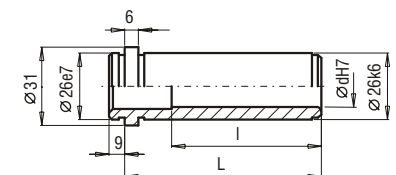



d	l	L	SLE-20/18 ...	d	l	L	SLE-20/18 ...	d	l	L	SXE-20/18 ...	d	l	L	SXE-20/18 ...	L	TUE-26...	L	TUE-26...	
20/18	17	35	SLE-..017035	20/18	46	165	SLE-..046165	20/18	22	20	SXE-..022020	20/18	36	70	SXE-..036070	30	TUE-26030	120	TUE-26120	
		55	SLE-..017055			245	SLE-..046245			35	SXE-..022035			75	SXE-..036075	40	TUE-26040	140	TUE-26140	
		75	SLE-..017075			56	35			SLE-..056035	40			SXE-..022040	80	SXE-..036080	60	TUE-26060	160	TUE-26160
		120	SLE-..017120			55	SLE-..056055			45	SXE-..022045			95	SXE-..036095	80	TUE-26080	180	TUE-26180	
	22	35	SLE-..022035		75	SLE-..056075	50		SXE-..022050	115	SXE-..036115		100	TUE-26100						
		45	SLE-..022045		95	SLE-..056095	55		SXE-..022055	135	SXE-..036135									
		65	SLE-..022065		155	SLE-..056155	60		SXE-..022060											
		85	SLE-..022085		66	35	SLE-..066035		65	SXE-..022065										
	27	115	SLE-..022115		75	SLE-..066055	70		SXE-..022070											
		35	SLE-..027035		55	SLE-..066075	80		SXE-..022080											
		45	SLE-..027045		95	SLE-..066095	85		SXE-..022085											
		65	SLE-..027065		145	SLE-..066145	115		SXE-..022115											
36	85	SLE-..027085	76	55	SLE-..076055	20	SXE-..027020	165	SXE-..046165											
	105	SLE-..027105	75	SLE-..076075	35	SXE-..027035	20	SXE-..056020	16	SM-08016	45	SM-10045	130	SM-10130						
	125	SLE-..027125	95	SLE-..076095	40	SXE-..027040	35	SXE-..056035	10	SM-10010	50	SM-10050	140	SM-10140						
	165	SLE-..027165	135	SLE-..076135	45	SXE-..027045	55	SXE-..056055	12	SM-10012	55	SM-10055	150	SM-10150						
	225	SLE-..027225	55	SLE-..086055	50	SXE-..027050	75	SXE-..056075	14	SM-10014	60	SM-10060	160	SM-10160						
	245	SLE-..027245	75	SLE-..086075	55	SXE-..027055	95	SXE-..056095	16	SM-10016	65	SM-10065	170	SM-10170						
	35	SLE-..036035	95	SLE-..086095	60	SXE-..027060	55	SXE-..066055	18	SM-10018	70	SM-10070	180	SM-10180						
	55	SLE-..036055	125	SLE-..086125	65	SXE-..027065	75	SXE-..066075	20	SM-10020	75	SM-10075	200	SM-10200						
	75	SLE-..036075	96	55	SLE-..096055	70	SXE-..027070	95	SXE-..066095	22	SM-10022	80	SM-10080	220	SM-10220					
	95	SLE-..036095	95	SLE-..096095	80	SXE-..027080	80	SXE-..076055	25	SM-10025	90	SM-10090	240	SM-10240						
	115	SLE-..036115	116	75	SLE-..116075	85	SXE-..027085	75	SXE-..076075	30	SM-10030	100	SM-10100	260	SM-10260					
	135	SLE-..036135	115	SLE-..116115	105	SXE-..027105	95	SXE-..076095	35	SM-10035	110	SM-10110	280	SM-10280						
46	165	SLE-..036165	136	135	SLE-..136135	125	SXE-..027125	55	SXE-..086055	40	SM-10040	120	SM-10120							
	225	SLE-..036225			20	SXE-..036020	75	SXE-..086075												
	255	SLE-..036255			35	SXE-..036035	95	SXE-..086095												
	35	SLE-..046035			40	SXE-..036040	95	SXE-..096055												
	45	SLE-..046045			45	SXE-..036045	95	SXE-..096095												
	65	SLE-..046065			50	SXE-..036050	115	SXE-..116115												
	85	SLE-..046085			55	SXE-..036055														
	105	SLE-..046105			60	SXE-..036060														
	135	SLE-..046135			65	SXE-..036065														

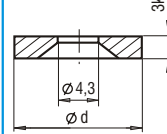
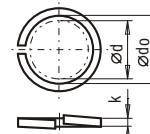
SM

PS

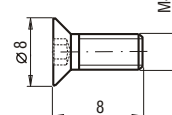
PO



d	l	L	TPE-20/18 ...	d	l	L	TPE-20/18 ...	d	l	L	TXE-20/18 ...	d	l	L	TXE-20/18 ...		
20/18	26	17	TPE-..017	20/18	75	66	TPE-..066	20/18	17	17	TXE-..017	20/18	66	66	TXE-..066	d	DIN 7991 d x L
	31	22	TPE-..022		76	76	TPE-..076		22	22	TXE-..022		76	76	TXE-..076		
	36	27	TPE-..027		76	86	TPE-..086		27	27	TXE-..027		76	86	TXE-..086		
	45	36	TPE-..036		76	96	TPE-..096		36	36	TXE-..036		76	96	TXE-..096		
	55	46	TPE-..046		76	116	TPE-..116		46	46	TXE-..046		76	116	TXE-..116		
65	56	TPE-..056	76	136	TPE-..136	56	56	TXE-..056				M4	M4 x 8				

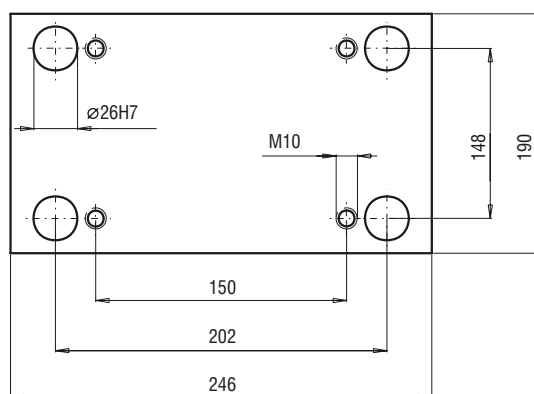
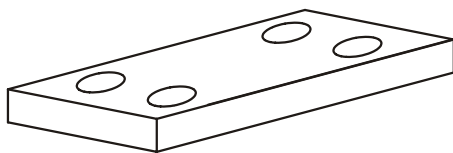
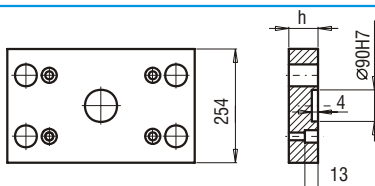
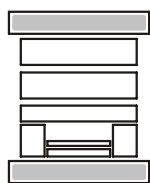


d		PN-77/M-82008 d <sub>o</sub> x k		d	PO-..
8	10	8.2x1.6	10.2x2.0	18	PO-1803



d	DIN 7991 dx L
M4	M4 x 8



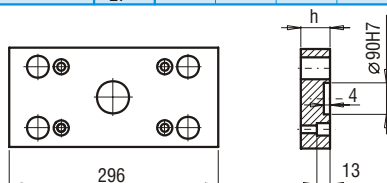
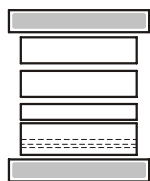
**06**

**PK 01**  
**PK 11**


PK 01/254x246x

h	FCPK-1	FCPK-2
22		
27		

PK 11/254x246x

h	FCPK-1	FCPK-2
22		
27		

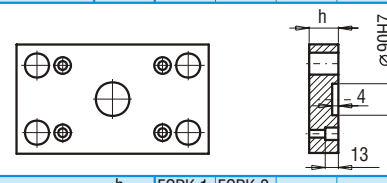
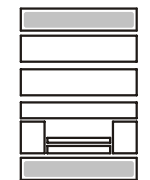
**PK 02**  
**PK 12**


PK 02/190x296x

h	FCPK-1	FCPK-2
22		
27		

PK 12/190x296x

h	FCPK-1	FCPK-2
22		
27		

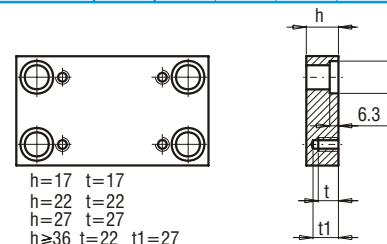
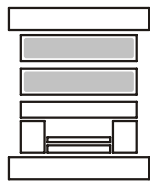
**PK 21**  
**PK 22**


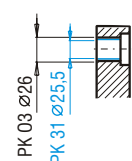
PK 21/190x246x

h	FCPK-1	FCPK-2
17		
22		

PK 22/190x246x

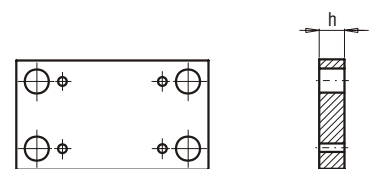
h	FCPK-1	FCPK-2
17		
22		

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h=36 t=22 t1=27

 PK 03/190x246x  
 PK 31/190x246x


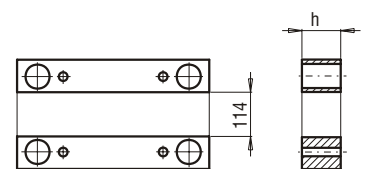
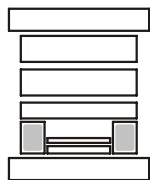
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					
86					
96					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


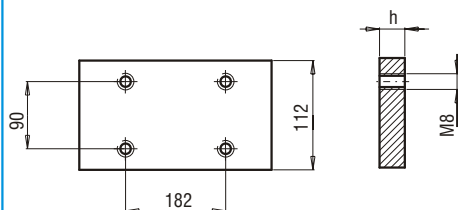
PK 04/190x246x

h	FCPK-1	FCPK-2
27		
36		

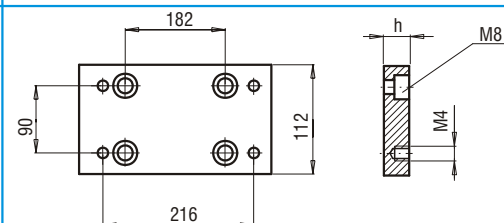
**PK 05**




PK 05/38x246x

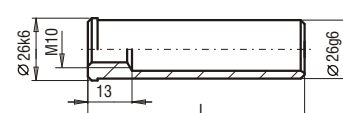
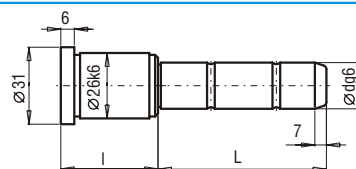
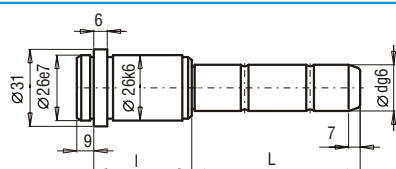
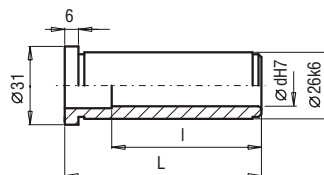
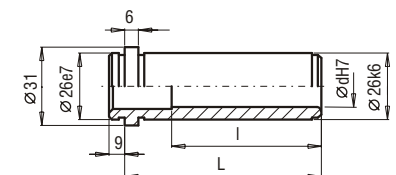
h	FCPK-1
46	
56	
76	




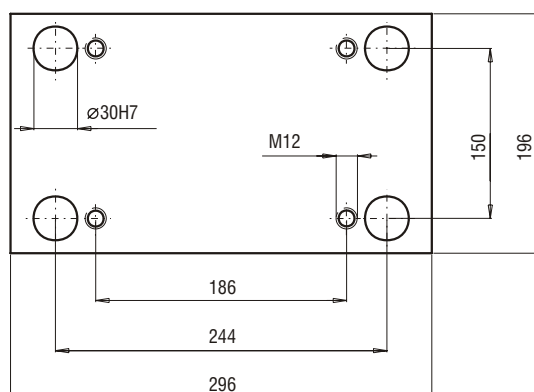
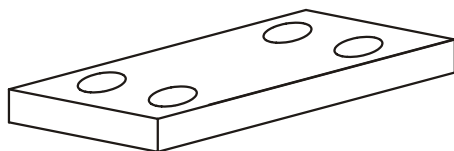
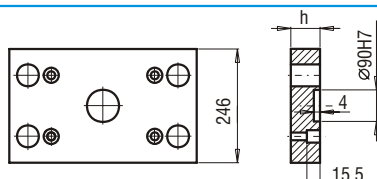
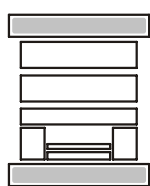
PK 06/112x246x	h	FCPK-1				
	12					



PK 07A/112x246x	h	FCPK-1	FCPK-2	
	17			

[illegible]

d	l	L	TPE-20/18 ...	d	l	L	TPE-20/18 ...	d	l	L	TXE-20/18 ...	d	l	L	TXE-20/18 ...		
20/18	26	17	TPE-..017	20/18	75	66	TPE-..066	20/18	17	17	TXE-..017	20/18	66	66	TXE-..066	d	DIN 7991 d x L
	31	22	TPE-..022		76	76	TPE-..076		22	22	TXE-..022		76	76	TXE-..076		
	36	27	TPE-..027		76	86	TPE-..086		27	27	TXE-..027		76	86	TXE-..086		
	45	36	TPE-..036		76	96	TPE-..096		36	36	TXE-..036		76	96	TXE-..096		
	55	46	TPE-..046		76	116	TPE-..116		46	46	TXE-..046		76	116	TXE-..116		
65	56	TPE-..056	76	136	TPE-..136	56	56	TXE-..056				M4	M4 x 8				

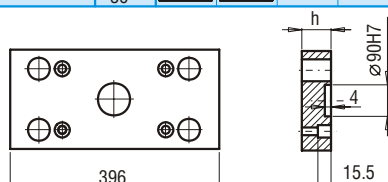
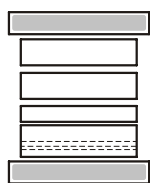
**07**

**PK 01**  
**PK 11**


PK 01/246x296x

h	FCPK-1	FCPK-2			
27					
36					

PK 11/246x296x

h	FCPK-1	FCPK-2			
27					
36					

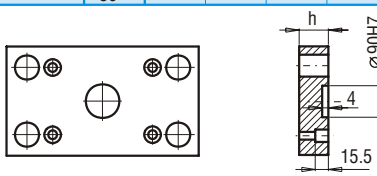
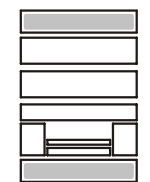
**PK 02**  
**PK 12**


PK 02/196x396x

h	FCPK-1	FCPK-2			
27					
36					

PK 12/196x396x

h	FCPK-1	FCPK-2			
27					
36					

**PK 21**  
**PK 22**


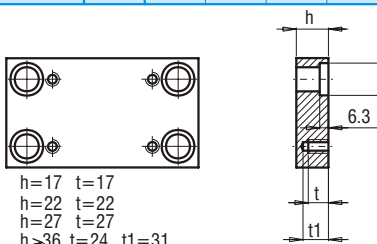
PK 21/196x296x

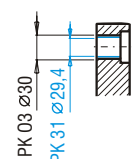
h	FCPK-1	FCPK-2			
22					
27					

PK 22/196x296x

h	FCPK-1	FCPK-2			
17					
22					
27					

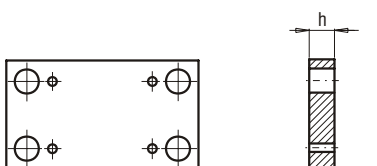
 h=17 s=13  
 h≥22 s=15.5

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=24 t1=31

 PK 03/196x296x  
 PK 31/196x296x


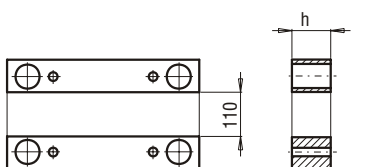
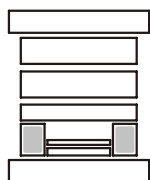
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					
86					
96					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


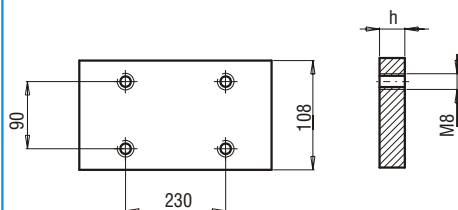
PK 04/196x296x

h	FCPK-1	FCPK-2			
36					

**PK 05**


PK 05/43x296x

h	FCPK-1				
56					
76					
96					

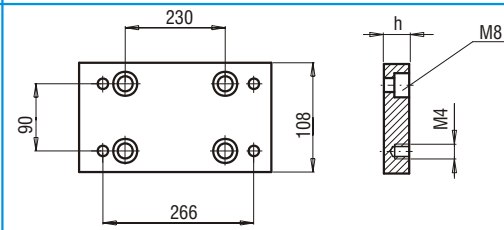
**PK 06**


PK 06/108x296x

h

FCPK-1

12

**PK 07A**


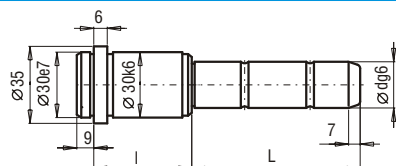
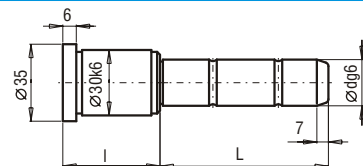
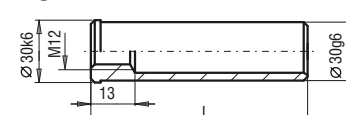
PK 07A/108x296x

h

FCPK-1

FCPK-2

17

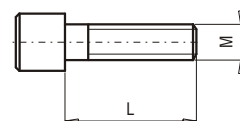
**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...																																					
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140																																					
		55	SLE...017055			165	SLE...046165			25	SXE...056025			60	TUE-30060	160	TUE-30160																																							
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180																																							
	22	35	SLE...022035	56	35	SLE...056035	60	SXE...027060	55	SXE...056055	100	TUE-30100	200	TUE-30200																																										
		55	SLE...022055		55	SLE...056055		75		SXE...056075		120		TUE-30120	240	TUE-30240																																								
		75	SLE...022075		70	SXE...027070		95		SXE...056095																																														
	27	105	SLE...022105	95	SLE...056095	80	SXE...027080	115	SXE...056115	165	SXE...056165																																													
		130	SLE...022130		85		SXE...027085		66		55					SXE...066055	75	SXE...066075	95	SXE...066095																																				
		35	SLE...027035		105		SXE...027105		76		25					SXE...076025	45	SXE...076045	55	SXE...076055	75	SXE...076075	95	SXE...076095																																
	36	45	SLE...027045	205	SLE...056205	125	SXE...027125	165	SXE...027165	115	SXE...056115	165	SXE...056165	75	SXE...066075	95	SXE...066095	16	SM-M x L	L	SM-M x L	L	SM-M x L																																	
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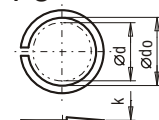
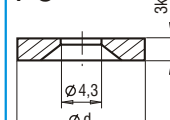
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PS

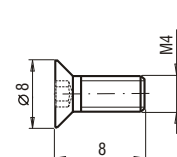
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**SM**


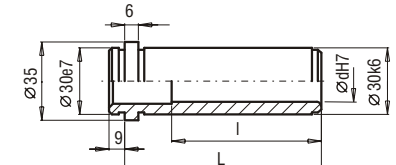
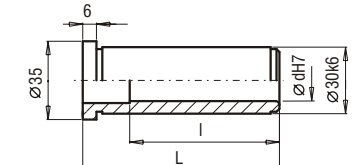
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14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
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**PS**

**P0**


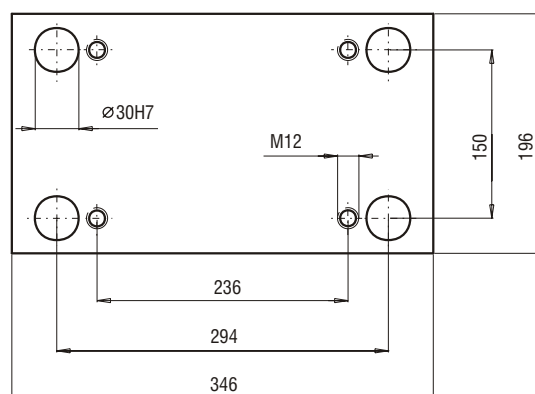
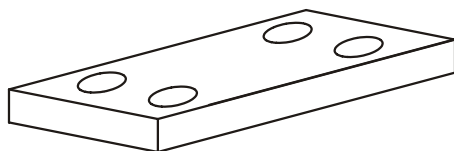
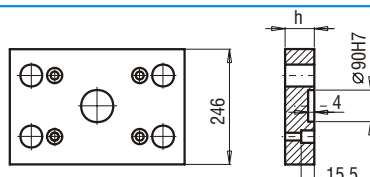
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8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


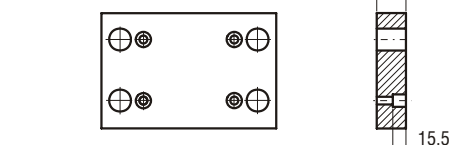
d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


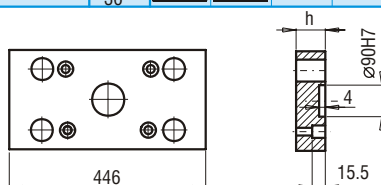
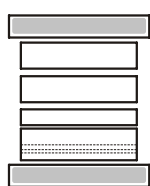
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24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**08**

**PK 01**  
**PK 11**


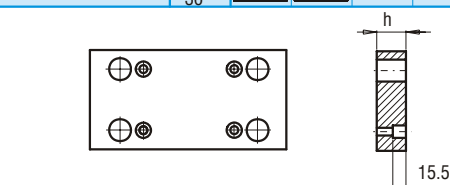
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	27						
	36						



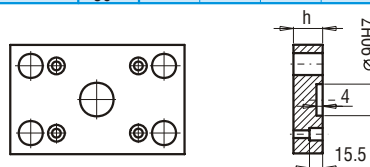
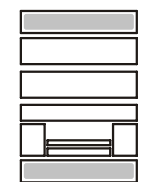
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	36						

**PK 02**  
**PK 12**


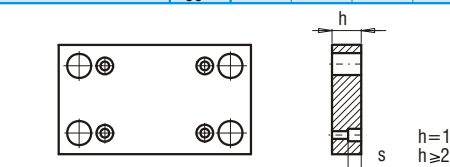
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	36						



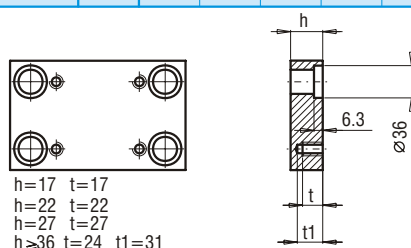
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	36						

**PK 21**  
**PK 22**


PK 21/196x346x	h	FCPK-1	FCPK-2				
	22						
	27						

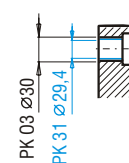


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	22						
	27						

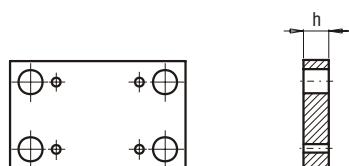
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**PK 31**


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h=22 t=22  
h=27 t=27  
h $\geq$ 36 t=24 t1=31

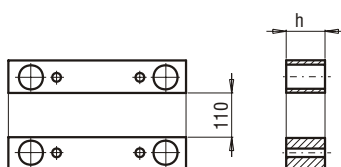
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PK 31/196x346x	17					
	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					



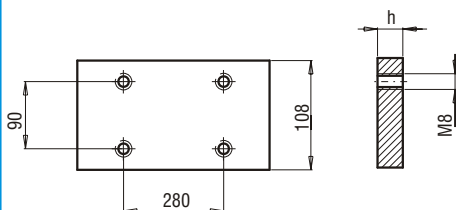
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/196x346x	h	FCPK-1	FCPK-2				
	36						

**PK 05**


PK 05/43x346x	h	FCPK-1					
	56						
	76						
	96						

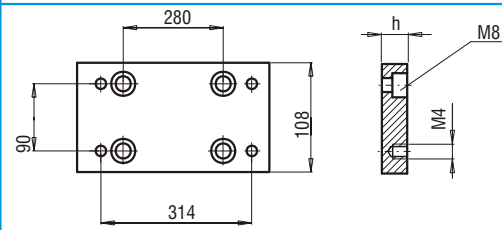
**PK 06**


PK 06/108x346x

h

FCPK-1

12

**PK 07A**


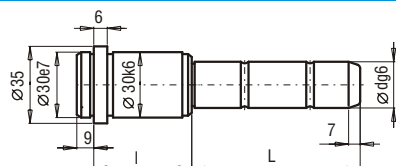
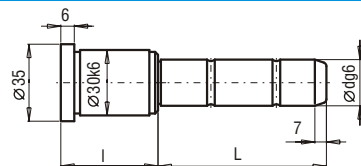
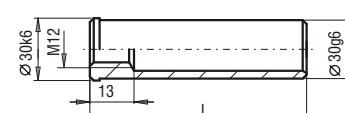
PK 07A/108x346x

h

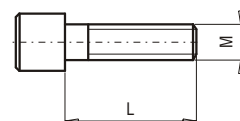
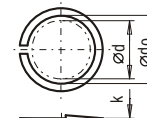
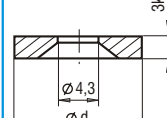
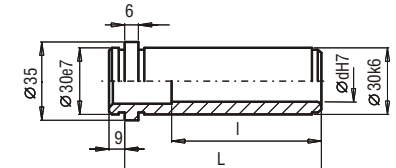
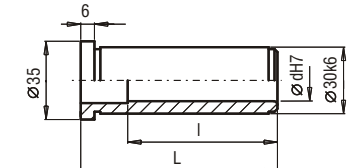
FCPK-1

FCPK-2

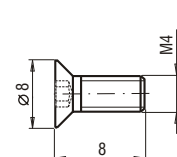
17

**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...																																																																																																																																																																																																																																																																																		
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140																																																																																																																																																																																																																																																																																		
		55	SLE...017055			165	SLE...046165			25	SXE...056025			60	TUE-30060	160	TUE-30160																																																																																																																																																																																																																																																																																				
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180																																																																																																																																																																																																																																																																																				
	22	35	SLE...022035	56	35	SLE...056035	60	SXE...027060	55	SXE...056055	100	TUE-30100	200	TUE-30200																																																																																																																																																																																																																																																																																							
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	105	SLE...022105	95	SLE...056095	80	SXE...027080	115	SXE...056115	165	SXE...056165																																																																																																																																																																																																																																																																																											
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		27		35		SLE...027035		105		SXE...027105					76	25	SXE...076025	45	SXE...076045	55	SXE...076055	75	SXE...076075	95	SXE...076095																																																																																																																																																																																																																																																																												
	45	SLE...027045	205	SLE...056205	125	SXE...027125	165	SXE...027165	36	25	SXE...036025	45	SXE...036045	50	SXE...036050	55	SXE...036055	60	SXE...036060	70	SXE...036070	75	SXE...036075	80	SXE...036080	95	SXE...036095	115	SXE...036115	135	SXE...036135	165	SXE...036165	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																
		65		SLE...027065		35		SLE...066035		55	SLE...066055		75		SLE...066075		155		SLE...066155		55		SLE...086055		75		SLE...086075		95		SLE...086095		135		SLE...086135		55		SLE...096055		75		SLE...096075		95		SLE...096095		125		SLE...096125		116	75	SLE...116075	115	SLE...116115	155	SLE...116155	95	SLE...136095	135	SLE...136135																																																																																																																																																																																																																																						
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	105	SLE...027105	75	SLE...066075	95	SLE...066095	155	SLE...066155	76	55	SLE...076055	75	SLE...076075	95	SLE...076095	115	SLE...076115	145	SLE...076145	86	55	SLE...086055	75	SLE...086075	95	SLE...086095	135	SLE...086135	55	SLE...096055	75	SLE...096075	95	SLE...096095	125	SLE...096125	116	75	SLE...116075	115	SLE...116115	155	SLE...116155	95	SLE...136095	135	SLE...136135																																																																																																																																																																																																																																																						
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	205	SLE...027205	245	SLE...027245	285	SLE...027285	36	35	SLE...036035	55	SLE...036055	75	SLE...036075	95	SLE...036095	115	SLE...036115	135	SLE...036135	165	SLE...036165	136	135	SXE...136135																																																																																																																																																																																																																																																																													

**SM**

**PS**

**P0**

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**WK**


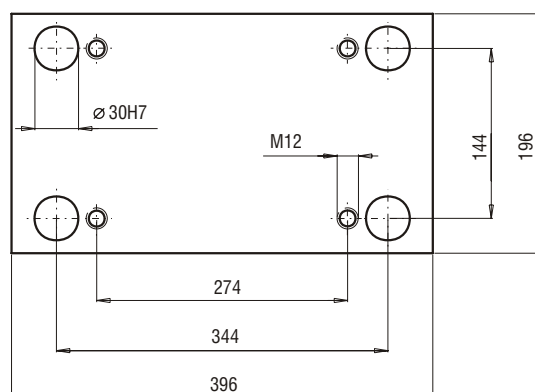
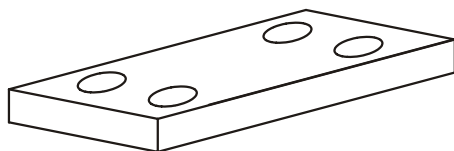
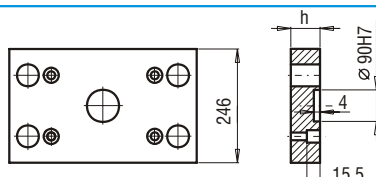
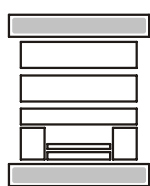
d

DIN 7991

d x L

M4

M4 x 8

**09**

**PK 01**  
**PK 11**


PK 01/246x396x

h

36

FCPK-1

FCPK-2

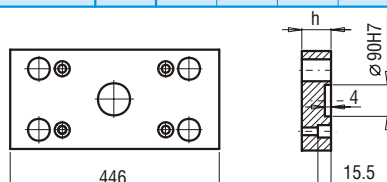
PK 11/246x396x

h

36

FCPK-1

FCPK-2

**PK 02**  
**PK 12**


PK 02/196x446x

h

36

FCPK-1

FCPK-2

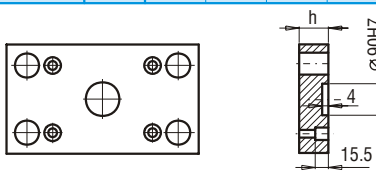
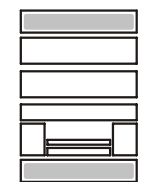
PK 12/196x446x

h

36

FCPK-1

FCPK-2

**PK 21**  
**PK 22**


PK 21/196x396x

h

27

FCPK-1

FCPK-2

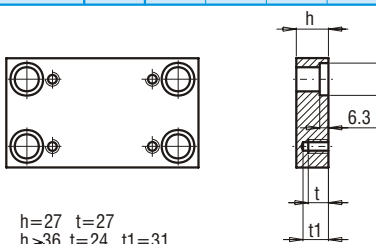
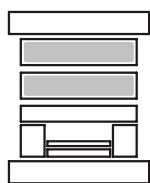
PK 22/196x396x

h

27

FCPK-1

FCPK-2

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h \geq 36 \quad t=24 \quad t1=31$ 

 PK 03/196x396x  
 PK 31/196x396x

h

27

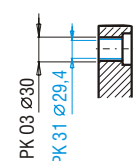
FCPK-1

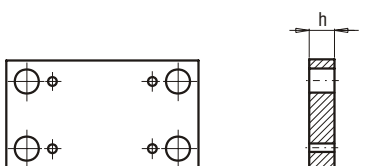
FCPK-2

FCPK-3

\*

\*


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


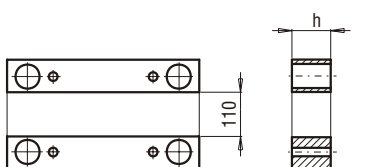
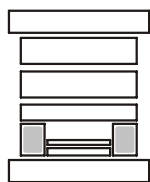
PK 04/196x396x

h

36

FCPK-1

FCPK-2

**PK 05**


PK 05/43x396x

h

56

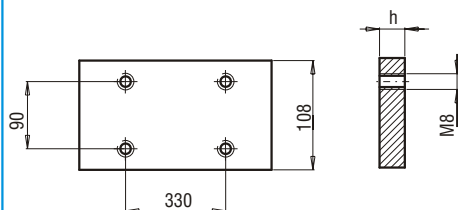
FCPK-1

FCPK-2

76

96



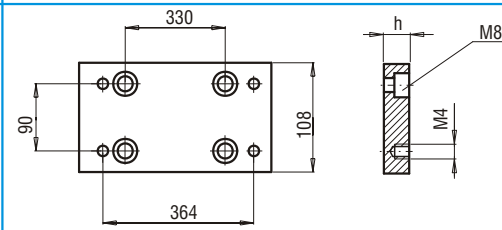
**PK 06**


PK 06/108x396x

h

FCPK-1

17

**PK 07A**


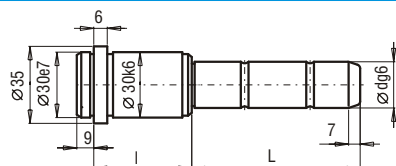
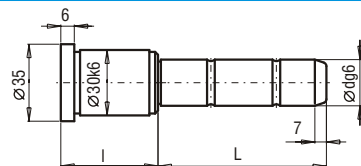
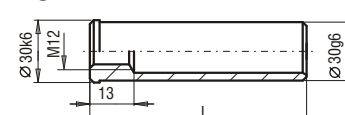
PK 07A/108x396x

h

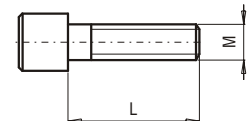
FCPK-1

FCPK-2

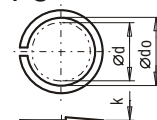
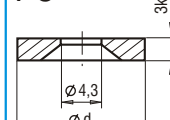
22

**SLE**

**SXE**

**TUE**


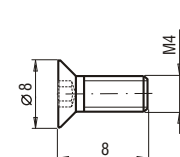
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24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140																																																																																																																																																																																																																																																																															
		55	SLE...017055			165	SLE...046165			25	SXE...056025			60	TUE-30060	160	TUE-30160																																																																																																																																																																																																																																																																																	
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180																																																																																																																																																																																																																																																																																	
	22	35	SLE...022035	56	35	SLE...056035	60	SXE...027060	55	SXE...056055	100	TUE-30100	200	TUE-30200																																																																																																																																																																																																																																																																																				
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		75	SLE...022075		70	SXE...027070		95		SXE...056095																																																																																																																																																																																																																																																																																								
	105	SLE...022105	95	SLE...056095	80	SXE...027080	115	SXE...056115	165	SXE...056165																																																																																																																																																																																																																																																																																								
		130		SLE...022130		85		SXE...027085		66					55	SXE...066055	75	SXE...066075	95	SXE...066095																																																																																																																																																																																																																																																																														
		27		35		SLE...027035		105		SXE...027105					76	25	SXE...076025	45	SXE...076045	55	SXE...076055	75	SXE...076075	95	SXE...076095																																																																																																																																																																																																																																																																									
	45	SLE...027045	205	SLE...056205	125	SXE...027125	165	SXE...027165	115	SXE...076115	86	55	SXE...086055	75	SXE...086075	95	SXE...086095	95	SXE...086095	95	SXE...086095																																																																																																																																																																																																																																																																													
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		85		SLE...027085				45		SXE...036045		50	SXE...036050	55	SXE...036055	60	SXE...036060	70	SXE...036070	75	SXE...036075	80	SXE...036080	95	SXE...036095																																																																																																																																																																																																																																																																									
	105	SLE...027105	55	SLE...066075	75		SLE...076075	95	SLE...076095	115	SLE...076115	145	SLE...076145	55	SLE...086055	75	SLE...086075	95	SLE...086095	135	SLE...086135	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																											
	125	SLE...027125	155	SLE...066155	76	55	SLE...076055	95	SLE...076095	115	SLE...076115	145	SLE...076145	86	55	SLE...086055	75	SLE...086075	95	SLE...086095	135	SLE...086135	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																										
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36	35	SLE...036035	86	55	SLE...086055	75	SLE...086075	95	SLE...086095	135	SLE...086135	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																																					

**SM**


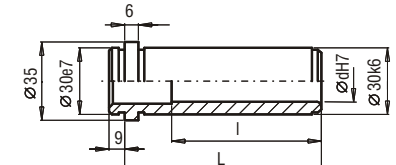
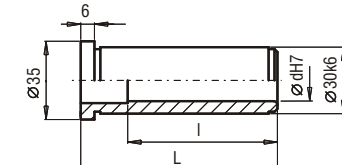
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12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


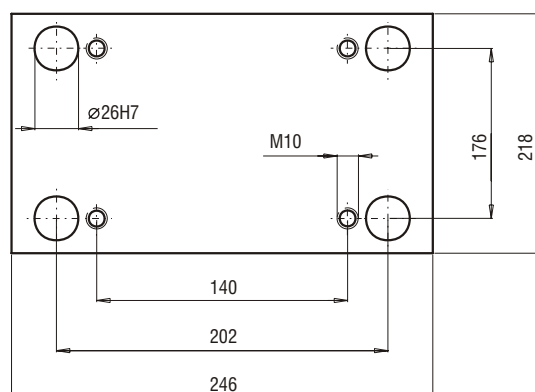
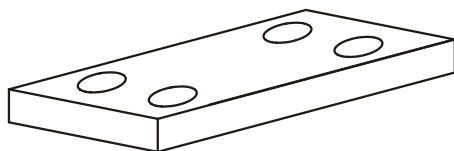
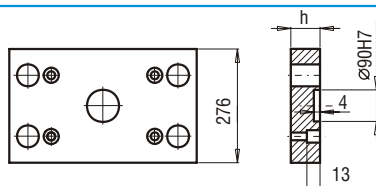
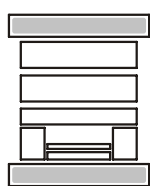
d	PN-77/M-82008 d <sub>0</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

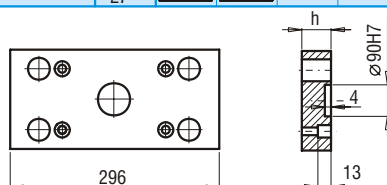
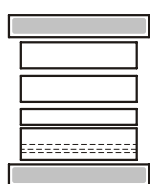
**10**

**PK 01**  
**PK 11**


PK 01/276x246x

h	FCPK-1	FCPK-2
22		
27		

PK 11/276x246x

h	FCPK-1	FCPK-2
22		
27		

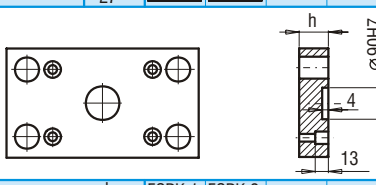
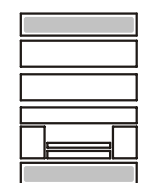
**PK 02**  
**PK 12**


PK 02/218x296x

h	FCPK-1	FCPK-2
22		
27		

PK 12/218x296x

h	FCPK-1	FCPK-2
22		
27		

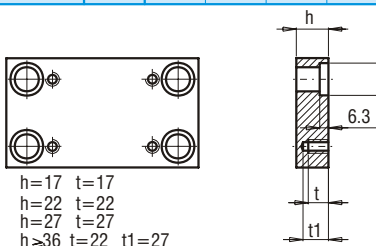
**PK 21**  
**PK 22**


PK 21/218x246x

h	FCPK-1	FCPK-2
17		
22		

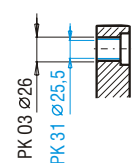
PK 22/218x246x

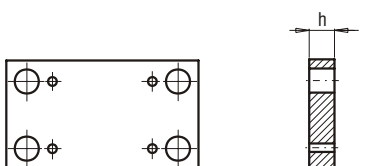
h	FCPK-1	FCPK-2
17		
22		

**PK 03**  
**PK 31**

 h=17 t=17  
 h=22 t=22  
 h=27 t=27  
 h≥36 t=22 t1=27

 PK 03/218x246x  
 PK 31/218x246x

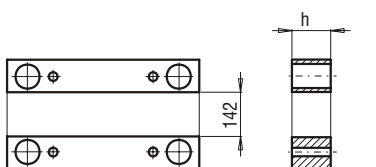
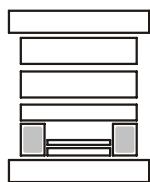
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					
86					
96					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


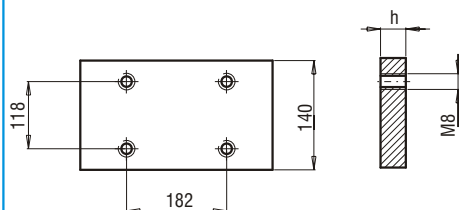
PK 04/218x246x

h	FCPK-1	FCPK-2
27		
36		

**PK 05**


PK 05/38x246x

h	FCPK-1
46	
56	
76	

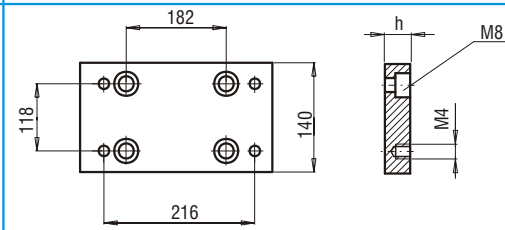
**PK 06**


PK 06/140x246x

h

FCPK-1

12

**PK 07A**


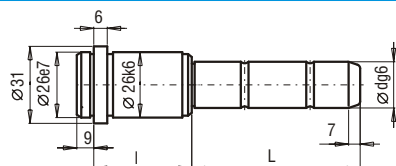
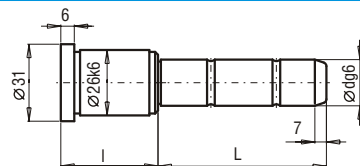
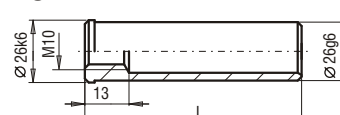
PK 07A/140x246x

h

FCPK-1

FCPK-2

17

**SLE**

**SXE**

**TUE**


d	l	L	SLE-20/18 ...
20/18	17	35	SLE-..017035
		55	SLE-..017055
		75	SLE-..017075
		120	SLE-..017120
	22	35	SLE-..022035
		45	SLE-..022045
		65	SLE-..022065
		85	SLE-..022085
		115	SLE-..022115
	27	35	SLE-..027035
		45	SLE-..027045
		65	SLE-..027065
		85	SLE-..027085
		105	SLE-..027105
		125	SLE-..027125
		165	SLE-..027165
		225	SLE-..027225
		245	SLE-..027245
	36	35	SLE-..036035
		55	SLE-..036055
		75	SLE-..036075
		95	SLE-..036095
		115	SLE-..036115
		135	SLE-..036135
		165	SLE-..036165
		225	SLE-..036225
		255	SLE-..036255
	46	35	SLE-..046035
		45	SLE-..046045
		65	SLE-..046065
		85	SLE-..046085
		105	SLE-..046105
		135	SLE-..046135

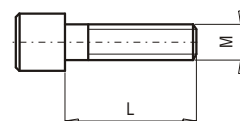
d	l	L	SLE-20/18 ...
20/18	46	165	SLE-..046165
		245	SLE-..046245
	56	35	SLE-..056035
		55	SLE-..056055
		75	SLE-..056075
		95	SLE-..056095
		155	SLE-..056155
	66	35	SLE-..066035
		55	SLE-..066055
		75	SLE-..066075
		95	SLE-..066095
		145	SLE-..066145
	76	55	SLE-..076055
		75	SLE-..076075
		95	SLE-..076095
		135	SLE-..076135
	86	55	SLE-..086055
		75	SLE-..086075
		95	SLE-..086095
		125	SLE-..086125
	96	55	SLE-..096055
		95	SLE-..096095
	116	75	SLE-..116075
		115	SLE-..116115
	136	135	SLE-..136135

d	l	L	SXE-20/18 ...
20/18	22	20	SXE-..022020
		35	SXE-..022035
		40	SXE-..022040
		45	SXE-..022045
		50	SXE-..022050
		55	SXE-..022055
		60	SXE-..022060
		65	SXE-..022065
		70	SXE-..022070
		80	SXE-..022080
		85	SXE-..022085
		115	SXE-..022115
	27	20	SXE-..027020
		35	SXE-..027035
		40	SXE-..027040
		45	SXE-..027045
		50	SXE-..027050
		55	SXE-..027055
		60	SXE-..027060
		65	SXE-..027065
		70	SXE-..027070
		80	SXE-..027080
		85	SXE-..027085
		105	SXE-..027105
		125	SXE-..027125
	36	20	SXE-..036020
		35	SXE-..036035
		40	SXE-..036040
		45	SXE-..036045
		50	SXE-..036050
		55	SXE-..036055
		60	SXE-..036060
		65	SXE-..036065

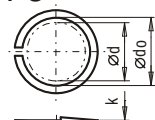
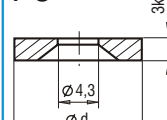
d	l	L	SXE-20/18 ...
20/18	36	70	SXE-..036070
		75	SXE-..036075
		80	SXE-..036080
		95	SXE-..036095
		115	SXE-..036115
		135	SXE-..036135
	46	20	SXE-..046020
		45	SXE-..046045
		65	SXE-..046065
		85	SXE-..046085
		105	SXE-..046105
		135	SXE-..046135
		165	SXE-..046165
	56	20	SXE-..056020
		35	SXE-..056035
		55	SXE-..056055
		75	SXE-..056075
		95	SXE-..056095
		115	SXE-..056115
	66	55	SXE-..066055
		75	SXE-..066075
		95	SXE-..066095
		115	SXE-..066115
	76	55	SXE-..076055
		75	SXE-..076075
		95	SXE-..076095
		115	SXE-..076115
	86	55	SXE-..086055
		75	SXE-..086075
		95	SXE-..086095
		115	SXE-..086115

d	l	L	TUE-26...
20/18	30	70	TUE-26030
		40	TUE-26040
		60	TUE-26060
		80	TUE-26080
		100	TUE-26100
	120		TUE-26120
	140		TUE-26140
	160		TUE-26160
	180		TUE-26180

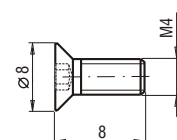
d	l	L	TUE-26...
20/18	120		TUE-26120
	140		TUE-26140
	160		TUE-26160
	180		TUE-26180

**SM**


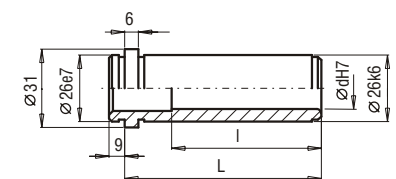
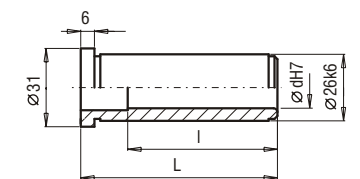
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	45	SM-10045	130	SM-10130
50	SM-10050	55	SM-10055	150	SM-10150
12	SM-10012	60	SM-10060	160	SM-10160
14	SM-10014	65	SM-10065	170	SM-10170
16	SM-10016	70	SM-10070	180	SM-10180
18	SM-10018	75	SM-10075	200	SM-10200
20	SM-10020	80	SM-10080	220	SM-10220
22	SM-10022	90	SM-10090	240	SM-10240
25	SM-10025	100	SM-10100	260	SM-10260
30	SM-10030	110	SM-10110	280	SM-10280
35	SM-10035	120	SM-10120		
40	SM-10040				

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	10	8.2x1.6	10.2x2.0
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

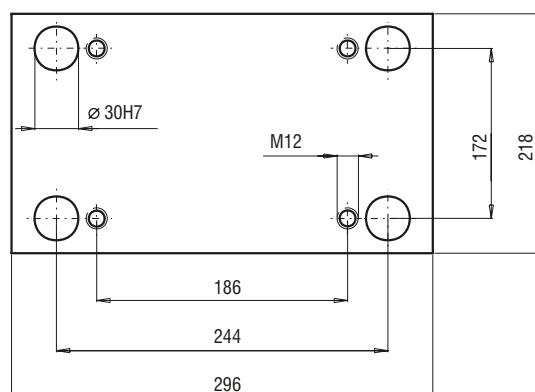
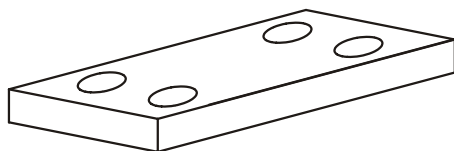
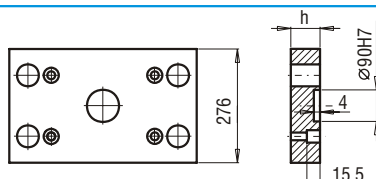
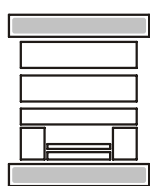
**TPE**

**TXE**


d	l	L	TPE-20/18 ...
20/18	26	17	TPE-..017
	31	22	TPE-..022
	36	27	TPE-..027
	45	36	TPE-..036
	55	46	TPE-..046
	65	56	TPE-..056

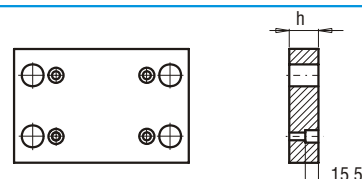
d	l	L	TPE-20/18 ...
20/18	75	66	TPE-..066
	76	76	TPE-..076
	76	86	TPE-..086
	76	96	TPE-..096
	76	116	TPE-..116
	76	136	TPE-..136

d	l	L	TXE-20/18 ...
20/18	17	17	TXE-..017
	22	22	TXE-..022
	27	27	TXE-..027
	36	36	TXE-..036
	46	46	TXE-..046
	56	56	TXE-..056

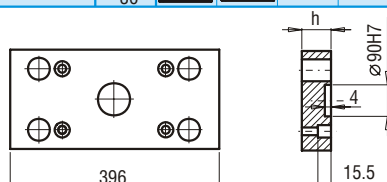
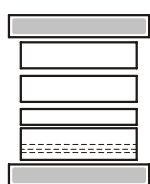
d	l	L	TXE-20/18 ...
20/18	66	66	TXE-..066
	76	76	TXE-..076
	76	86	TXE-..086
	76	96	TXE-..096
	76	116	TXE-..116

**11**

**PK 01**  
**PK 11**


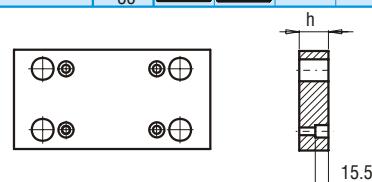
PK 01/276x296x	h	FCPK-1	FCPK-2		
	27				
	36				



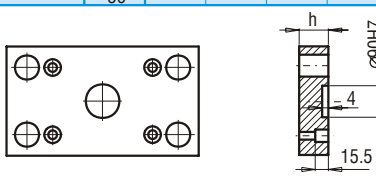
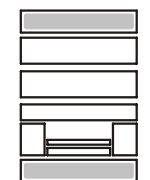
PK 11/276x296x	h	FCPK-1	FCPK-2		
	27				
	36				

**PK 02**  
**PK 12**


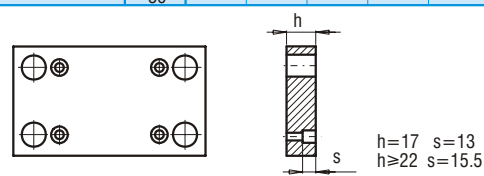
PK 02/218x396x	h	FCPK-1	FCPK-2		
	27				
	36				



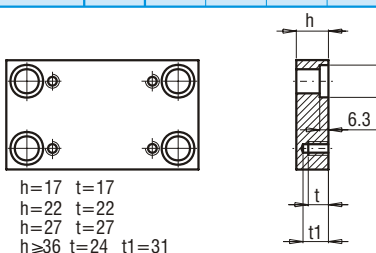
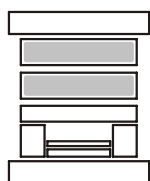
PK 12/218x396x	h	FCPK-1	FCPK-2		
	27				
	36				

**PK 21**  
**PK 22**


PK 21/218x296x	h	FCPK-1	FCPK-2		
	22				
	27				



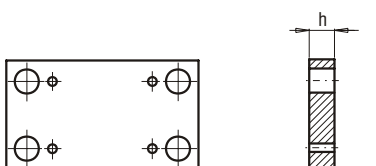
PK 22/218x296x	h	FCPK-1	FCPK-2		
	17				
	22				
	27				

**PK 03**  
**PK 31**


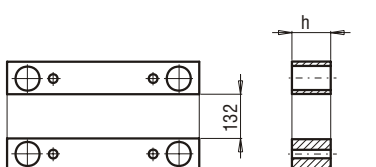
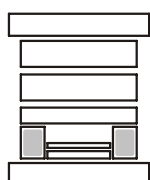
h=17 t=17  
h=22 t=22  
h=27 t=27  
h≥36 t=24 t1=31

PK 03/218x296x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/218x296x	17					
	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					

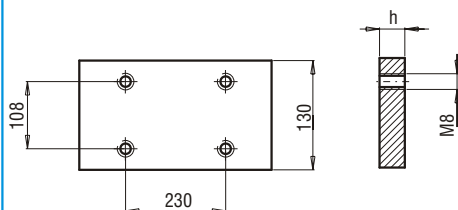
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/218x296x	h	FCPK-1	FCPK-2		
	27				
	36				

**PK 05**


PK 05/43x296x	h	FCPK-1			
	56				
	76				
	96				

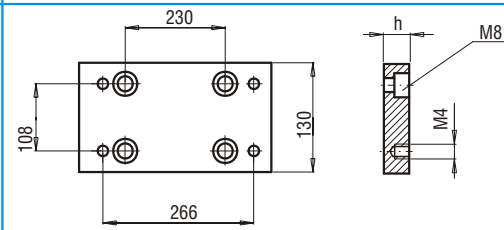
**PK 06**


PK 06/130x296x

h

FCPK-1

12

**PK 07A**


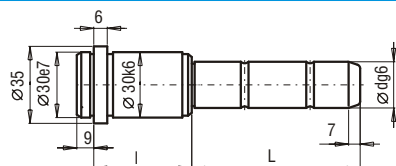
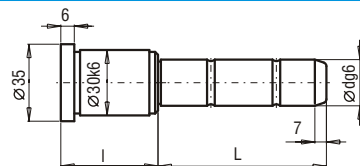
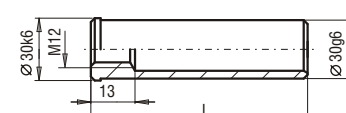
PK 07A/130x296x

h

FCPK-1

FCPK-2

17

**SLE**

**SXE**

**TUE**


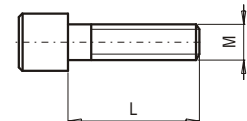
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...	
24/22	17	35	SLE-..017035	24/22	46	125	SLE-..046125	24/22	27	25	SXE-..027025	24/22	46	165	SXE-..046165	40	TUE-30040	140	TUE-30140	
		55	SLE-..017055			165	SLE-..046165			45	SXE-..027045			56	25	SXE-..056025	60	TUE-30060	160	TUE-30160
		75	SLE-..017075			205	SLE-..046205			45	SXE-..056045			80	TUE-30080	180	TUE-30180			
	22	35	SLE-..022035		56	35	SLE-..056035		60	SXE-..027060	55		SXE-..056055	100	TUE-30100	200	TUE-30200			
		55	SLE-..022055			75	SLE-..056055		65	SXE-..027065	75		SXE-..056075	120	TUE-30120	240	TUE-30240			
		75	SLE-..022075			75	SLE-..056075		70	SXE-..027070	95		SXE-..056095							
	27	105	SLE-..022105		95	SLE-..056095	80		SXE-..027080	115	SXE-..056115									
		130	SLE-..022130		115	SLE-..056115	85		SXE-..027085	165	SXE-..056165									
		35	SLE-..027035		165	SLE-..056165	105		SXE-..027105	66	55		SXE-..066055							
	36	45	SLE-..027045		66	205	SLE-..056205		125	SXE-..027125	75		SXE-..066075							
			65			SLE-..027065	35		SLE-..066035	165	SXE-..027165		95	SXE-..066095						
			85			SLE-..027085	55		SLE-..066055	25	SXE-..036025		76	25	SXE-..076025					
105		SLE-..027105	76	75	SLE-..066075	45	SXE-..036045	45	SXE-..076045											
		125		SLE-..027125	95	SLE-..066095	50	SXE-..036050	55	SXE-..076055										
		165		SLE-..027165	155	SLE-..066155	55	SXE-..036055	75	SXE-..076075										
205		SLE-..027205	96	75	SLE-..076055	60	SXE-..036060	60	SXE-..076095											
		245		SLE-..027245	70	SXE-..036070	115	SXE-..076115	14	SM-12014										
		285		SLE-..027285	95	SLE-..076095	75	SXE-..036075	16	SM-12016										
46		35	SLE-..036035	116	115	SLE-..076115	80	SXE-..036080	75	SXE-..086075										
			55		SLE-..036055	95	SXE-..036095	95	SXE-..086095	18	SM-12018									
			75		SLE-..036075	115	SXE-..036115	25	SM-12022	20	SM-12020									
	95	SLE-..036095	136	145	SLE-..076145	135	SXE-..036135	25	SM-12025											
		115		SLE-..036115	165	SXE-..036165	75	SXE-..096075	30	SM-12030										
		135		SLE-..036135	25	SXE-..046025	95	SXE-..096095	35	SM-12035										
	165	SLE-..036165	196	55	SLE-..096055	45	SXE-..046045	115	SXE-..116115	40	SM-12040									
		205		SLE-..036205	50	SXE-..046050	155	SXE-..116155	45	SM-12045										
		245		SLE-..036245	60	SXE-..046060	135	SXE-..136135	50	SM-12050										
	285	SLE-..036285	216	75	SLE-..096075	65	SXE-..046065													
		35		SLE-..046035	70	SXE-..046070														
		45		SLE-..046045	80	SXE-..046080														
65	SLE-..046065	236	155	SLE-..116155	85	SXE-..046085														
	85		SLE-..046085	105	SXE-..046105															
	105		SLE-..046105	125	SXE-..046125															

SM

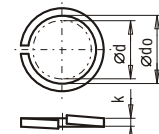
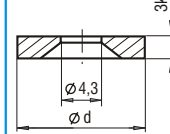
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

PS

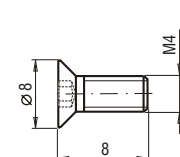
PO

**SM**


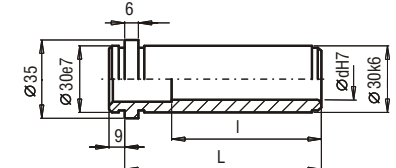
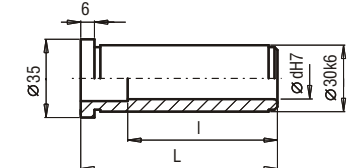
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


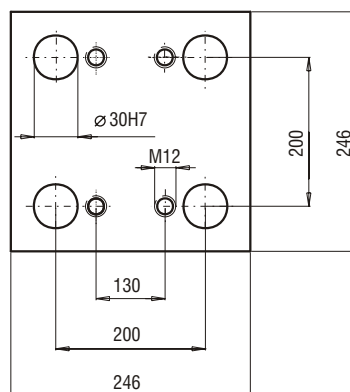
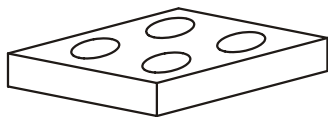
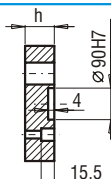
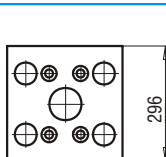
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

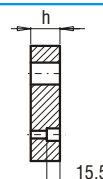
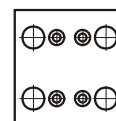
**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**12**

**PK 01**  
**PK 11**


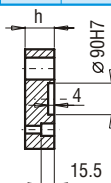
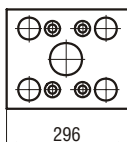
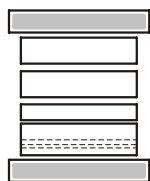
PK 01/296x246x

h	FCPK-1	FCPK-2
27		
36		



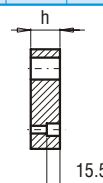
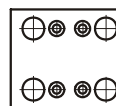
PK 11/296x246x

h	FCPK-1	FCPK-2
27		
36		

**PK 02**  
**PK 12**


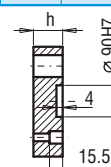
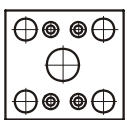
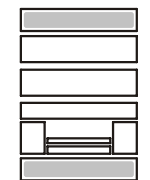
PK 02/246x296x

h	FCPK-1	FCPK-2
27		
36		



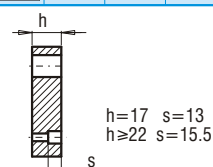
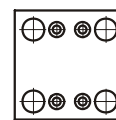
PK 12/246x296x

h	FCPK-1	FCPK-2
27		
36		

**PK 21**  
**PK 22**


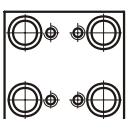
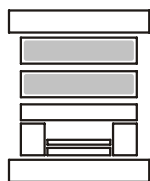
PK 21/246x246x

h	FCPK-1	FCPK-2
22		
27		

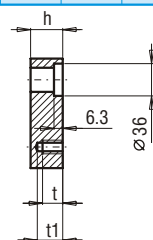
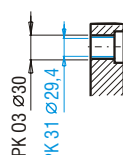


PK 22/246x246x

h	FCPK-1	FCPK-2
17		
22		
27		

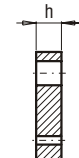
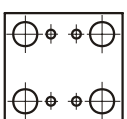
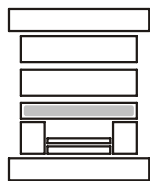
**PK 03**  
**PK 31**


$h=17 \quad t=17$   
 $h=22 \quad t=22$   
 $h=27 \quad t=27$   
 $h \geq 36 \quad t=24 \quad t1=31$


 PK 03/246x246x  
 PK 31/246x246x


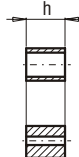
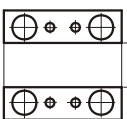
h	FCPK-1	FCPK-2	FCPK-3	*	*
17					
22					
27					
36					
46					
56					
66					
76					
86					
96					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


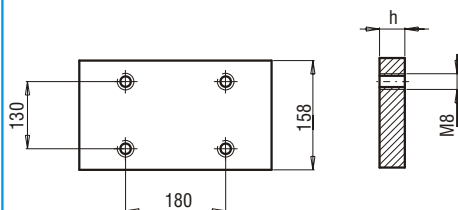
PK 04/246x246x

h	FCPK-1	FCPK-2
36		

**PK 05**


PK 05/43x246x

h	FCPK-1
56	
76	
96	

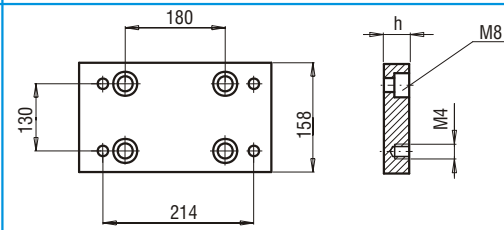
**PK 06**


PK 06/158x246x

h

FCPK-1

12

**PK 07A**


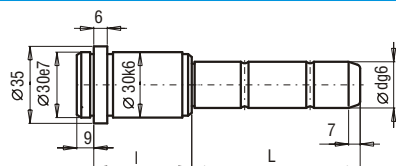
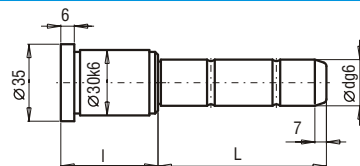
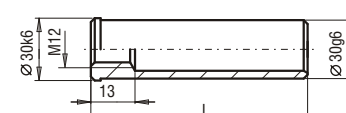
PK 07A/158x246x

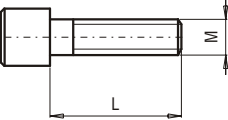
h

FCPK-1

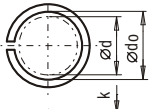
FCPK-2

17

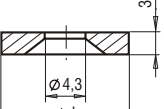
**SLE**

**SXE**

**TUE**


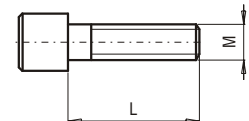
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...						
24/22	17	35	SLE-..017035	24/22	46	125	SLE-..046125	24/22	27	25	SXE-..027025	24/22	46	165	SXE-..046165	40	TUE-30040	140	TUE-30140						
		55	SLE-..017055			165	SLE-..046165			45	SXE-..027045			56	25	SXE-..056025	60	TUE-30060	160	TUE-30160					
		75	SLE-..017075			205	SLE-..046205			45	SXE-..056045			80	TUE-30080	180	TUE-30180								
	22	35	SLE-..022035		56	35	SLE-..056035		60	SXE-..027060	55		SXE-..056055	100	TUE-30100	200	TUE-30200								
		55	SLE-..022055			75	SLE-..056055		65	SXE-..027065	75		SXE-..056075	120	TUE-30120	240	TUE-30240								
		75	SLE-..022075			70	SXE-..027070		95	SXE-..056095															
	27	105	SLE-..022105		95	SLE-..056095	80		SXE-..027080	115	SXE-..056115		SM												
		130	SLE-..022130		115	SLE-..056115	85		SXE-..027085	165	SXE-..056165														
		35	SLE-..027035		165	SLE-..056165	105		SXE-..027105	66	55				SXE-..066055										
	36	35	45		SLE-..027045	36	66		205	SLE-..056205	36		46	125	SXE-..027125	36	76	75	SXE-..066075	L	SM-M x L	L	SM-M x L		
			65		SLE-..027065				35	SLE-..066035				165	SXE-..027165			95	SXE-..066095	75	SXE-..066075	75	SM-M x L	75	SM-M x L
			85		SLE-..027085				55	SLE-..066055				25	SXE-..036025			76	25	SXE-..076025	55	SXE-..076055	16	SM-12016	55
45		105	SLE-..027105	76	75		SLE-..066075	45	SXE-..036045	45		SXE-..076045	45	SXE-..076055	12		SM-12012	60	SM-12060	170	SM-12170				
		125	SLE-..027125		95		SLE-..066095	50	SXE-..036050	55		SXE-..076095	14	SM-12014	65		SM-12065	180	SM-12180						
		165	SLE-..027165		155		SLE-..066155	60	SXE-..036060	75		SXE-..076075	16	SM-12016	70		SM-12070	190	SM-12190						
205		245	SLE-..027245	76	55		SLE-..076055	70	SXE-..036070	115		SXE-..076115	18	SM-12018	75		SM-12075	200	SM-12200						
		285	SLE-..027285		95		SLE-..076095	75	SXE-..036075	86		55	SXE-..086055	20	SM-12020		80	SM-12080	220	SM-12220					
		35	SLE-..036035		115		SLE-..076115	80	SXE-..036080	95		SXE-..086075	22	SM-12022	90		SM-12090	240	SM-12240						
46		55	55	SLE-..036055	46		86	145	SLE-..076145	46		96	95	SXE-..036095	46		116	95	SXE-..086095	25	SM-12025	100	SM-12100		
			75	SLE-..036075				115	SXE-..036115				55	SXE-..096055				25	SM-12025	110	SM-12110	280	SM-12280		
			95	SLE-..036095				135	SXE-..036135				75	SXE-..096075				30	SM-12030	120	SM-12120	300	SM-12300		
	115	115	SLE-..036115	96		165	SXE-..036165	96	95		SXE-..096095	35	SM-12035	130		SM-12130	320	SM-12320							
		135	SLE-..036135			46	25		SXE-..046025		116	75	SXE-..116075	40		SM-12040	140	SM-12140	340	SM-12340					
		165	SLE-..036165			45	SXE-..046045		115		SXE-..116115	45	SM-12045	150		SM-12150									
	205	245	SLE-..036245	96		75	SLE-..096075	96	50		SXE-..046050	96	155	SXE-..116155		50	SM-12050								
		285	SLE-..036285			60	SXE-..046060		136		135		SXE-..136135												
		35	SLE-..046035			65	SXE-..046065																		
	46	45	65	SLE-..046065		46	116	70	SXE-..046070		46	136	80	SXE-..046080		46	136								
			85	SLE-..046085				85	SXE-..046085																
			105	SLE-..046105				105	SXE-..046105																
136		125	SLE-..136135	136	125		SXE-..046125	136	135	SXE-..136135		136	135	SXE-..136135											

PS

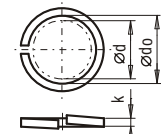
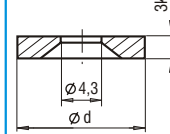


P0

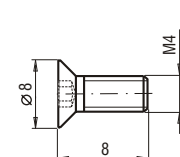


**SM**


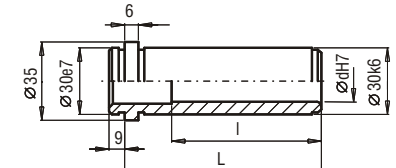
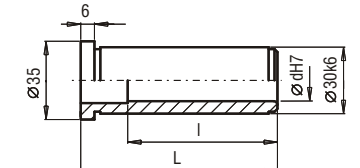
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


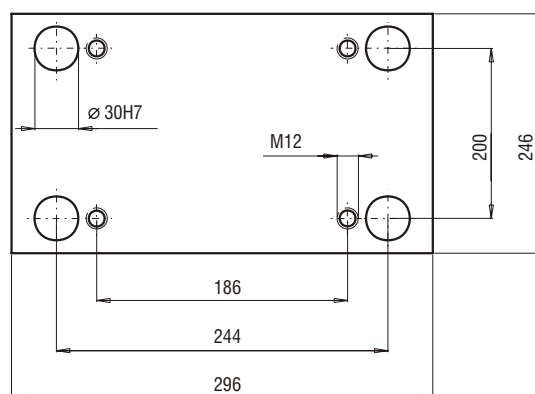
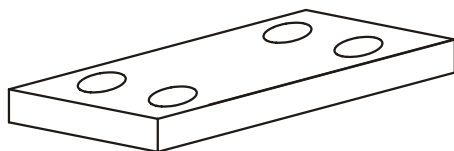
d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


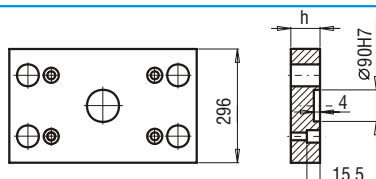
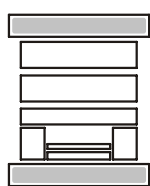
d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								



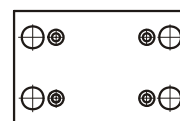
**13**



**PK 01**  
**PK 11**

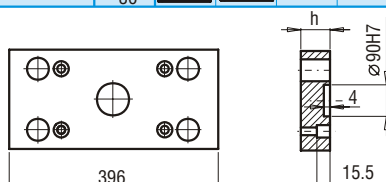


PK 01/296x296x	h	FCPK-1	FCPK-2			
	27					
	36					

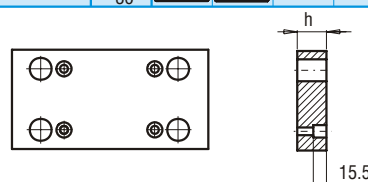


PK 11/296x296x	h	FCPK-1	FCPK-2			
	27					
	36					

**PK 02**  
**PK 12**

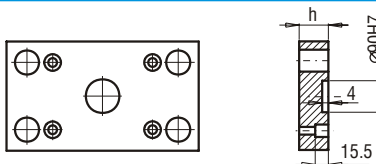
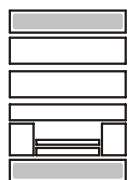


PK 02/246x396x	h	FCPK-1	FCPK-2			
	27					
	36					

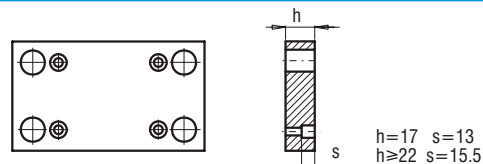


PK 12/246x396x	h	FCPK-1	FCPK-2			
	27					
	36					

**PK 21**  
**PK 22**

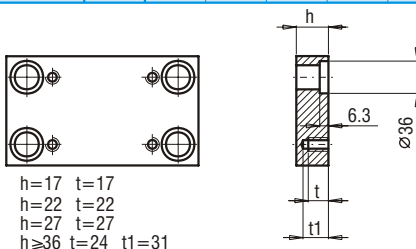


PK 21/246x296x	h	FCPK-1	FCPK-2			
	22					
	27					



PK 22/246x296x	h	FCPK-1	FCPK-2			
	17					
	22					
	27					

**PK 03**  
**PK 31**

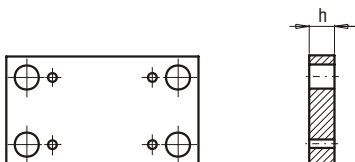


h=17 t=17  
h=22 t=22  
h=27 t=27  
h≥36 t=24 t1=31

PK 03/246x296x PK 31/246x296x	h	FCPK-1	FCPK-2	FCPK-3	*	*
	17					
	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

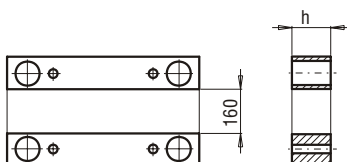
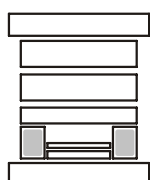
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**

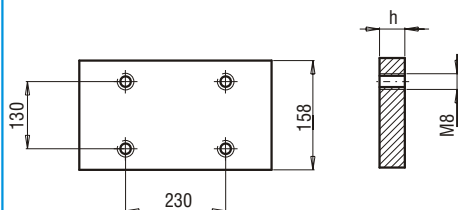


PK 04/246x296x	h	FCPK-1	FCPK-2			
	36					

**PK 05**



PK 05/43x296x	h	FCPK-1				
	56					
	76					
	96					

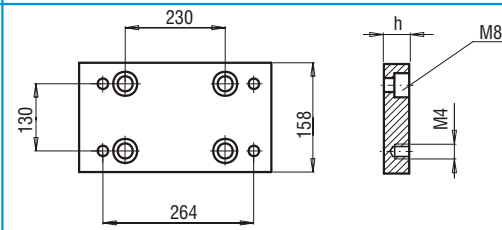
**PK 06**


PK 06/158x296x

h

FCPK-1

12

**PK 07A**


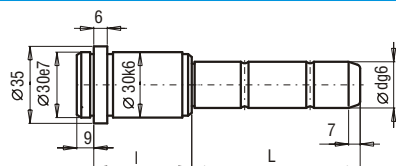
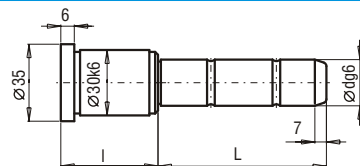
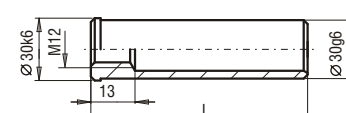
PK 07A/158x296x

h

FCPK-1

FCPK-2

17

**SLE**

**SXE**

**TUE**


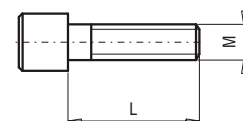
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24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140													
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160												
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180															
	22	35	SLE...022035		56	35	SLE...056035			60	SXE...027060		55	SXE...056055	100	TUE-30100	200	TUE-30200														
		55	SLE...022055			55	SLE...056055			75	SXE...056075		120	TUE-30120	240	TUE-30240																
		75	SLE...022075			70	SXE...027070			95	SXE...056095																					
		105	SLE...022105			95	SLE...056095			80	SXE...027080		115	SXE...056115																		
		130	SLE...022130			85	SXE...027085			165	SXE...056165																					
		27	35			SLE...027035				105	SXE...027105		66	55					SXE...066055													
	45		SLE...027045		125	SXE...027125			75	SXE...066075																						
	65		SLE...027065		165	SXE...027165			95	SXE...066095																						
		85	SLE...027085			55	SLE...066055		36	25	SXE...036025			25	SXE...076025	76	25	SXE...076025														
			105			SLE...027105	45			SXE...036045	45			SXE...076045	45		SXE...076055															
			125			SLE...027125	50			SXE...036050	55			SXE...076075	12		SM-12012															
		165	SLE...027165			155	SLE...066155			55	SXE...036055			75	SXE...076095		14	SM-12014		65	SM-12065		180	SM-12180								
			205			SLE...027205	60			SXE...036060	95			SXE...076095	16		SM-12016	70		SM-12070	190		SM-12190									
245			SLE...027245	70		SXE...036070	115	SXE...076115		18	SM-12018	75		SM-12075	200		SM-12200															
285		SLE...027285		95	SLE...076095		75	SXE...036075		75	SXE...086075	86	55	SXE...086055		20	SM-12020		80	SM-12080		220	SM-12220									
		36		35	SLE...036035			80		SXE...036080			95	SXE...086095			22		SM-12022			90	SM-12090		240	SM-12240						
		55		SLE...036055				95		SXE...036095				95			SXE...086095					25	SM-12025			100	SM-12100		260	SM-12260		
75		SLE...036075		115		SXE...036115			96	55		SXE...096055			30		SM-12030				110	SM-12110				280	SM-12280					
95		SLE...036095				135	SXE...036135			75	SXE...096075				35	SM-12035				120	SM-12120			300		SM-12300						
115		SLE...036115				165	SXE...036165				95		SXE...096095			40			SM-12040		130			SM-12130		320	SM-12320					
135		SLE...036135				46	25	SXE...046025					116	75		SXE...116075			45		SM-12045			140		SM-12140		340	SM-12340			
165		SLE...036165				45	SXE...046045		115			SXE...116115		155		SXE...116155			50		SM-12050			150		SM-12150						
205		SLE...036205				50	SXE...046050			155		SXE...116155			136	135			SXE...136135													
245		SLE...036245				60	SXE...046060																									
285	SLE...036285			65		SXE...046065																										
46	35			SLE...046035		70		SXE...046070																								
45	SLE...046045			80		SXE...046080																										
65	SLE...046065			85		SXE...046085																										
85	SLE...046085				105	SXE...046105																										
105	SLE...046105				125	SXE...046125																										

SM

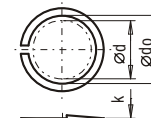
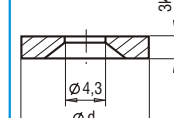
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16	SM-08016	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

PS

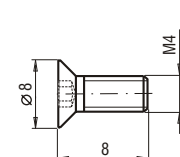
PO

**SM**


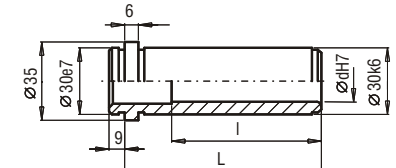
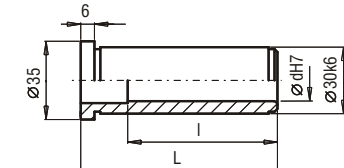
L	SM-M x L	L	SM-M x L	L	SM-M x L
16	SM-08016	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


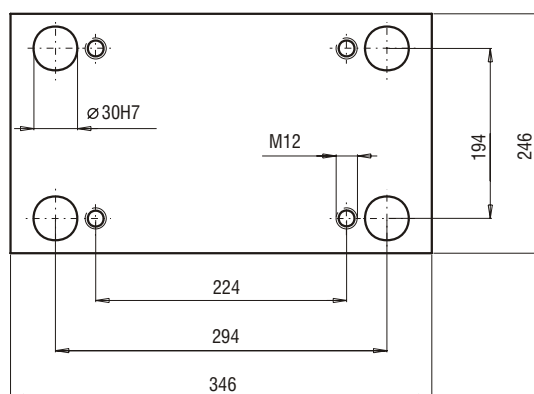
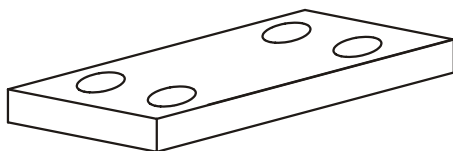
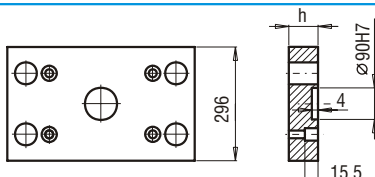
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

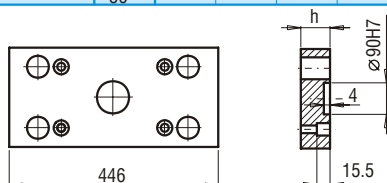
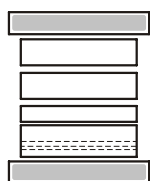
**14**

**PK 01**  
**PK 11**


PK 01/296x346x

h	FCPK-1	FCPK-2
27		
36		

PK 11/296x346x

h	FCPK-1	FCPK-2
27		
36		

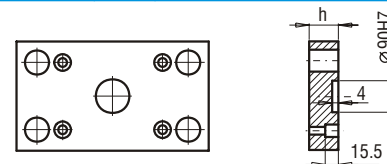
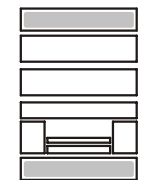
**PK 02**  
**PK 12**


PK 02/246x446x

h	FCPK-1	FCPK-2
27		
36		

PK 12/246x446x

h	FCPK-1	FCPK-2
27		
36		

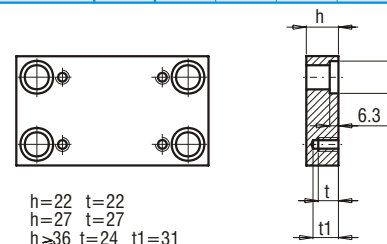
**PK 21**  
**PK 22**


PK 21/246x346x

h	FCPK-1	FCPK-2
22		
27		

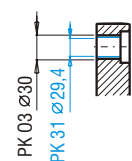
PK 22/246x346x

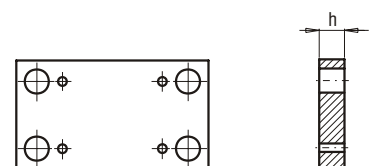
h	FCPK-1	FCPK-2
22		
27		

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h≥36 t=24 t1=31

 PK 03/246x346x  
 PK 31/246x346x

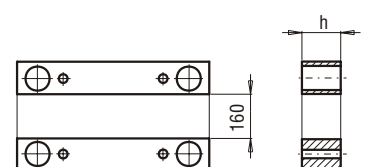
h	FCPK-1	FCPK-2	FCPK-3	*	*
22					
27					
36					
46					
56					
66					
76					
86					
96					
116					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


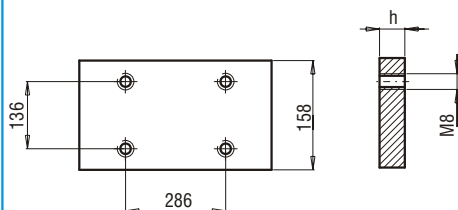
PK 04/246x346x

h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/43x346x

h	FCPK-1
56	
76	
96	

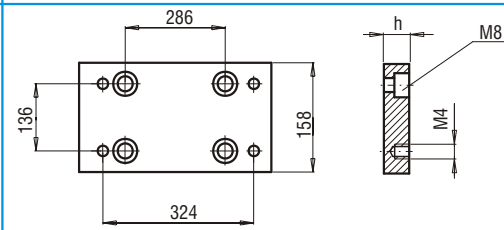
**PK 06**


PK 06/158x346x

h

FCPK-1

17

**PK 07A**


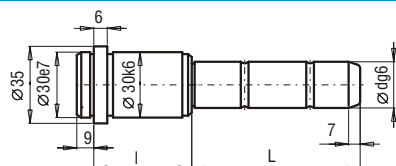
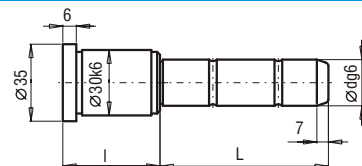
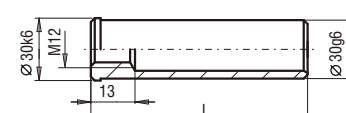
PK 07A/158x346x

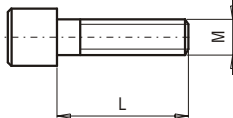
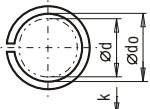
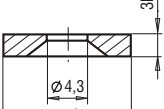
h

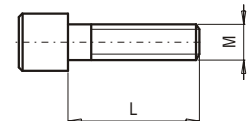
FCPK-1

FCPK-2

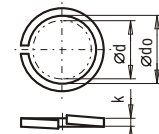
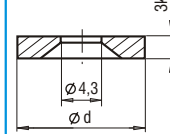
22

**SLE**

**SXE**

**TUE**


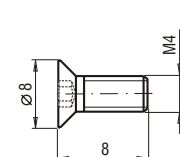
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...							
24/22	17	35	SLE-...017035	24/22	46	125	SLE-...046125	24/22	27	25	SXE-...027025	24/22	46	165	SXE-...046165	40	TUE-30040	140	TUE-30140							
		55	SLE-...017055			165	SLE-...046165			25	SXE-...056025			60	TUE-30060	160	TUE-30160									
		75	SLE-...017075			205	SLE-...046205			45	SXE-...056045			80	TUE-30080	180	TUE-30180									
	22	35	SLE-...022035		56	35	SLE-...056035		60	SXE-...027060	55		SXE-...056055	100	TUE-30100	200	TUE-30200									
		55	SLE-...022055			55	SLE-...056055			75			SXE-...056075	120	TUE-30120	240	TUE-30240									
		75	SLE-...022075			70	SXE-...027070			95			SXE-...056095													
	27	105	SLE-...022105		95	SLE-...056095	80		SXE-...027080	115	SXE-...056115		165	SXE-...056165	SM											
		130	SLE-...022130			115			SLE-...056115		85			SXE-...027085												
		35	SLE-...027035			105			SXE-...027105		66			55			SXE-...066055	75	SXE-...066075	95	SXE-...066095					
	36	45	SLE-...027045		66	35	SLE-...066035		55	SLE-...066055	25		SXE-...036025	45	SXE-...036045	76	25	SXE-...076025	L	SM-M x L	L	SM-M x L	L	SM-M x L		
			65			SLE-...027065	75			SLE-...066075			45		SXE-...036045		55	SXE-...076045	45	SXE-...076045	55	SM-08025	55	SM-12055	160	SM-12160
			85			SLE-...027085	95			SLE-...066095			50		SXE-...036050		55	SXE-...076055	12	SM-12012	60	SM-12060	170	SM-12170		
105		SLE-...027105	76	155	SLE-...066155	60	SXE-...036060	70	SXE-...036070	115	SXE-...076115	86	55	SXE-...086055	14	SM-12014	65	SM-12065	180	SM-12180						
		245		SLE-...027245	75		SLE-...076075		75		SXE-...076075		16	SM-12016	70	SM-12070	190	SM-12190								
		285		SLE-...027285	95		SLE-...076095		95		SXE-...086095		18	SM-12018	75	SM-12075	200	SM-12200								
46		35	SLE-...036035	86	115	SLE-...076115	80	SXE-...036080	95	SXE-...036095	96	55	SXE-...096055	20	SM-12020	80	SM-12080	220	SM-12220							
			55		SLE-...036055	145		SLE-...076145		95		SXE-...086095	22	SM-12022	90	SM-12090	240	SM-12240								
			75		SLE-...036075	86		55		SLE-...086055		25	SM-12025	100	SM-12100	260	SM-12260									
		95	SLE-...036095	96	75	SLE-...086075	135	SXE-...036135	165	SXE-...036165	116	75	SXE-...096075	30	SM-12030	110	SM-12110	280	SM-12280							
			115		SLE-...036115	95		SLE-...086095		165		SXE-...036165	95	SXE-...096095	35	SM-12035	120	SM-12120	300	SM-12300						
			135		SLE-...036135	25		SXE-...046025		45		SXE-...046045	40	SM-12040	130	SM-12130	320	SM-12320								
	136	165	SLE-...036165	96	55	SLE-...096055	45	SXE-...116115	50	SXE-...046050	115	SXE-...116115	116	115	SXE-...116115	45	SM-12045	140	SM-12140	340	SM-12340					
			205		SLE-...036205	75		SLE-...096075		60		SXE-...046060		155	SXE-...116155	40	SM-12040	140	SM-12045	150	SM-12150					
			245		SLE-...036245	95		SLE-...096095		70		SXE-...046070														
		285	SLE-...036285	116	125	SLE-...096125	85	SXE-...046085	105	SXE-...046105	136	135	SXE-...136135	PS		PO										
			45		SLE-...046045	115		SLE-...116115		80		SXE-...046080														
			65		SLE-...046065	155		SLE-...116155		85		SXE-...046085														
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**SM**


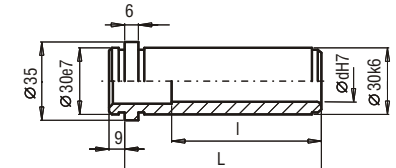
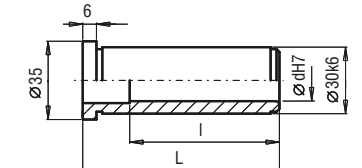
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14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
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**PS**

**P0**


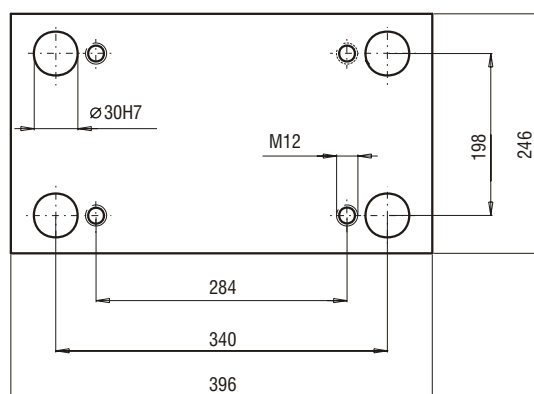
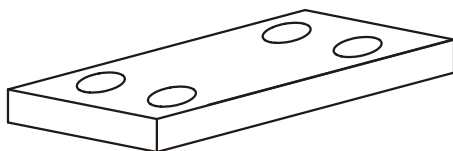
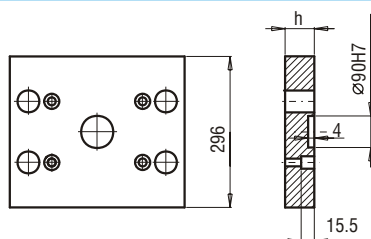
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


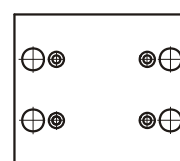
d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


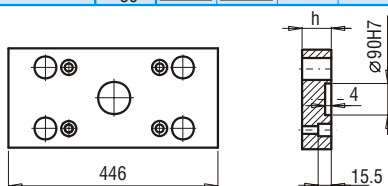
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24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**15**

**PK 01**  
**PK 11**


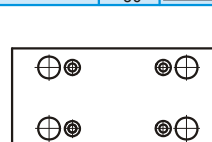
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	36						



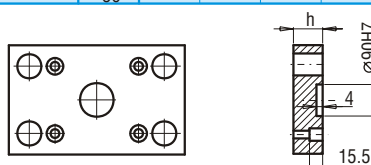
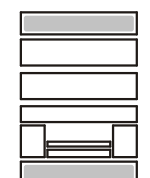
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	36						

**PK 02**  
**PK 12**


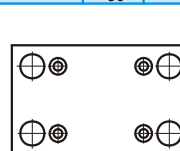
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	36						



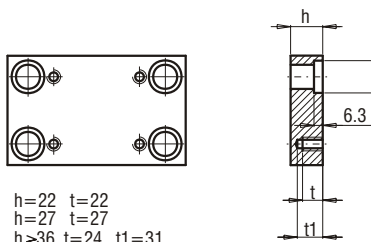
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	36						

**PK 21**  
**PK 22**


PK 21/246x396x	h	FCPK-1	FCPK-2				
	22						
	27						



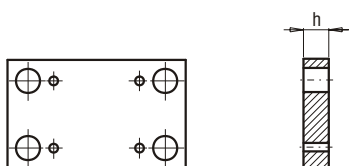
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	27						

**PK 03**  
**PK 31**


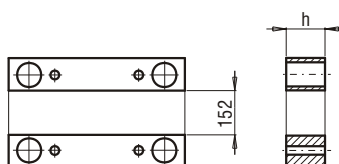
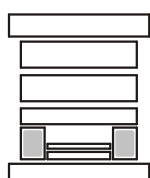
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h=27 t=27  
h≥36 t=24 t1=31

PK 03/246x396x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/246x396x	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

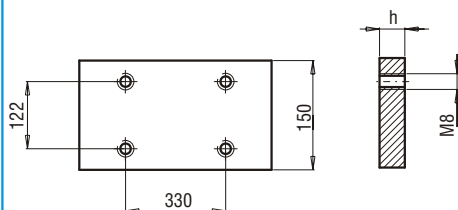
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/246x396x	h	FCPK-1	FCPK-2				
	36						
	46						

**PK 05**


PK 05/47x396x	h	FCPK-1					
	56						
	76						
	96						

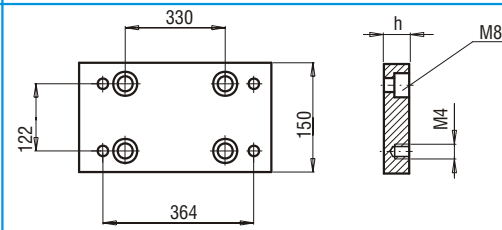
**PK 06**


PK 06/150x396x

h

FCPK-1

17

**PK 07A**


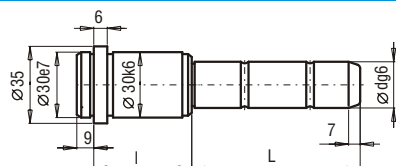
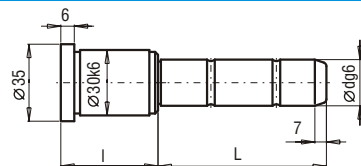
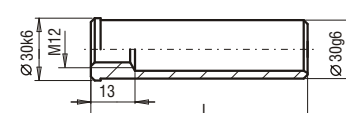
PK 07A/150x396x

h

FCPK-1

FCPK-2

22

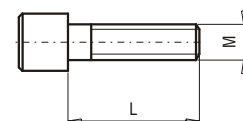
**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...								
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140								
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160							
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180										
	22	35	SLE...022035	56	35	SLE...056035	60	SXE...027060	55	SXE...056055	100	TUE-30100	200	TUE-30200													
		55	SLE...022055		55	SLE...056055		65		SXE...027065	75	SXE...056075	120	TUE-30120	240	TUE-30240											
		75	SLE...022075		70	SXE...027070		95		SXE...056095																	
	27	105	SLE...022105	115	SLE...056095	80	SXE...027080	115	SXE...056115	165	SXE...056165	55	SXE...066055	75	SXE...066075	95	SXE...066095	76	25	SXE...076025							
		130	SLE...022130		85		SXE...027085		105		SXE...027105		45		SXE...076045												
		35	SLE...027035		125		SXE...027125		55		SXE...076055																
	36	45	SLE...027045	66	35	SLE...066035	36	25	SXE...036025	55	SXE...066055	75	SXE...066075	95	SXE...066095	115	SXE...066155	76	45	SXE...036045							
			65		SLE...027065	55			SLE...066055		45		SXE...036045		55		SXE...076055		12	SM-12012							
			85		SLE...027085	75			SLE...066075		50		SXE...036050		75		SXE...076075		14	SM-12014							
		105	SLE...027105	76	95	SLE...066095	55	SLE...076055	60	SXE...036060	70	SXE...036070	75	SXE...076095	115	SXE...076115	18	SM-12018	20	SM-12020							
			125		SLE...027125	115		SLE...076115		145		SLE...076145		55		SXE...086055		22		SM-12022							
			165		SLE...027165	86		55		SLE...086055		75		SLE...086075		100		SM-12100									
		205	SLE...027205	86	75	SLE...086075	96	55	SLE...086055	135	SXE...036135	165	SXE...036165	116	75	SXE...116075	40	SM-12040	45	SM-12045							
245			SLE...027245		95	SLE...086095		115	SXE...036115		135		SXE...036165		115	SXE...116115		50		SM-12050							
285			SLE...027285		135	SLE...086135		25	SXE...046025		155		SXE...116155														
46		35	SLE...036035	96	55	SLE...096055	46	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080						
			55		SLE...036055	75			SLE...096075		45		SXE...046045		50		SXE...046050		60		SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080
			75		SLE...036075	95			SLE...096095		60		SXE...046060		65		SXE...046065		70		SXE...046070	80	SXE...046080				
		115	SLE...036115	116	125	SLE...096125	136	95	SLE...136095	135	SLE...136135	105	SXE...046105	125	SXE...046125	135	SXE...046105	136	135	SXE...136135	136	135	SXE...136135				
			135		SLE...036135	115		SLE...116115	115		SLE...116115		155		SLE...116155		105		SXE...046105	125		SXE...046125	135	SXE...046105	136	135	SXE...136135
			165		SLE...036165	155		SLE...116155	155		SLE...116155		105		SXE...046105		125		SXE...046125	135		SXE...046105	136	135	SXE...136135		
		205	SLE...036205	136	95	SLE...096095	136	95	SLE...136095	135	SLE...136135	105	SXE...046105	125	SXE...046125	135	SXE...046105	136	135	SXE...136135	136	135	SXE...136135				
	245		SLE...036245		125	SLE...096125		115	SLE...116115		155		SLE...116155		105		SXE...046105		125	SXE...046125		135	SXE...046105	136	135	SXE...136135	
	285		SLE...036285		115	SLE...116115		155	SLE...116155		105		SXE...046105		125		SXE...046125		135	SXE...046105		136	135	SXE...136135			
	46	35	SLE...046035	116	75	SLE...116075	136	95	SLE...136095	135	SLE...136135	105	SXE...046105	125	SXE...046125	135	SXE...046105	136	135	SXE...136135	136	135	SXE...136135				
		45	SLE...046045		115	SLE...116115		155	SLE...116155		105		SXE...046105		125		SXE...046125		135	SXE...046105		136	135	SXE...136135			
		65	SLE...046065		155	SLE...116155		105	SXE...046105		125		SXE...046125		135		SXE...046105		136	135		SXE...136135					
	85	SLE...046085	136	95	SLE...136095	135	SLE...136135	105	SXE...046105	125	SXE...046125	135	SXE...046105	136	135	SXE...136135	136	135	SXE...136135	136	135	SXE...136135					
		105		SLE...046105	115		SLE...116115		155		SLE...116155		105		SXE...046105	125		SXE...046125	135		SXE...046105	136	135	SXE...136135			
		135		SLE...046135	155		SLE...116155		105		SXE...046105		125		SXE...046125	135		SXE...046105	136		135	SXE...136135					

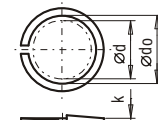
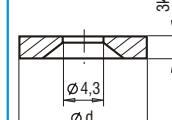
SM

PS

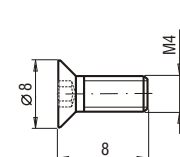
PO

**SM**


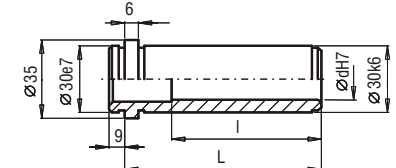
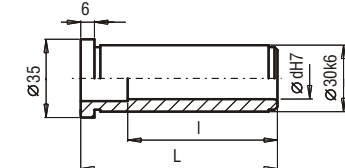
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12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
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**PS**

**P0**


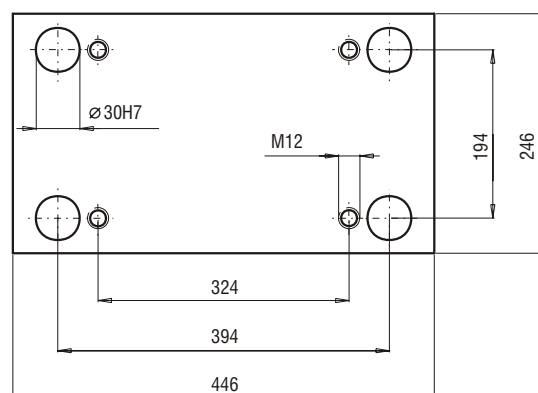
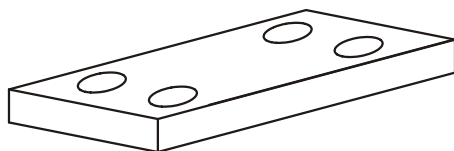
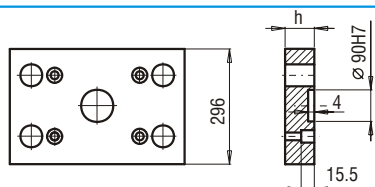
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

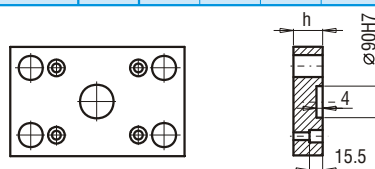
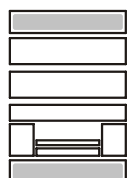
**16**

**PK 01**  
**PK 11**


PK 01/296x446x

h	FCPK-1	FCPK-2
36		

PK 11/296x446x

h	FCPK-1	FCPK-2
36		

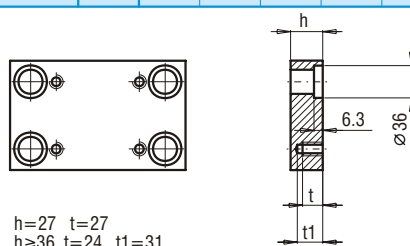
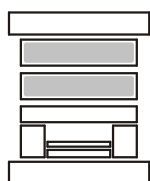
**PK 21**  
**PK 22**


PK 21/246x446x

h	FCPK-1	FCPK-2
27		

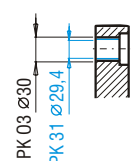
PK 22/246x446x

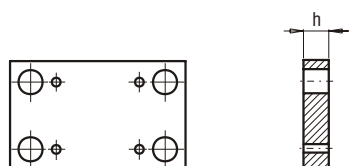
h	FCPK-1	FCPK-2
27		

**PK 03**  
**PK 31**

 h=27 t=27  
 h≥36 t=24 t1=31

 PK 03/246x446x  
 PK 31/246x446x

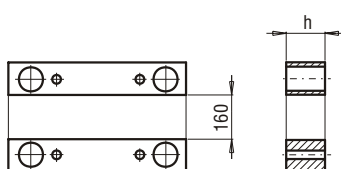
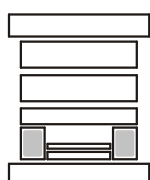
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/246x446x

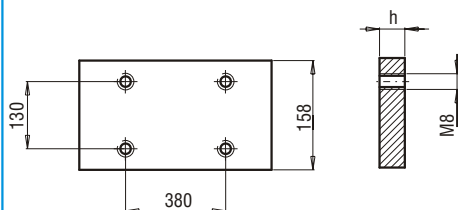
h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/43x446x

h	FCPK-1
56	
76	
96	



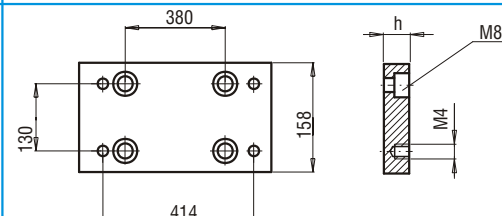
**PK 06**


PK 06/158x446x

h

FCPK-1

17

**PK 07A**


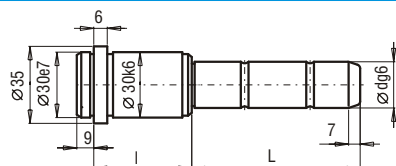
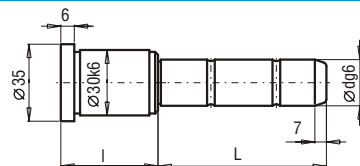
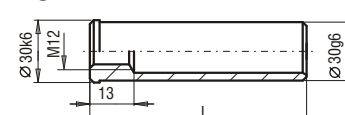
PK 07A/158x446x

h

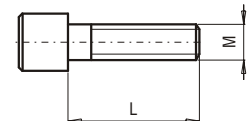
FCPK-1

FCPK-2

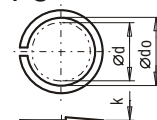
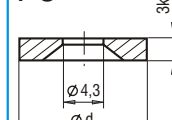
22

**SLE**

**SXE**

**TUE**


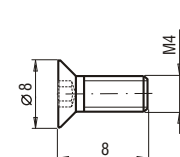
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...									
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140									
		55	SLE...017055			165	SLE...046165			56	25			SXE...056025	60	TUE-30060	160	TUE-30160										
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180											
	22	35	SLE...022035		56	35	SLE...056035		60	SXE...027060	55		SXE...056055	100	TUE-30100	200	TUE-30200											
		55	SLE...022055			55	SLE...056055			75			SXE...056075	120	TUE-30120	240	TUE-30240											
		75	SLE...022075			70	SXE...027070			95			SXE...056095															
	27	105	SLE...022105		95	SLE...056095	80		SXE...027080	115	SXE...056115		165	SXE...056165														
		130	SLE...022130			85			SXE...027085		66			55	SXE...066055													
		35	SLE...027035			105			SXE...027105		75			SXE...066075														
	36	45	SLE...027045		66	205	SLE...056205		125	SXE...027125	95		SXE...066095	76	25	SXE...076025	L	SM-M x L	L	SM-M x L	L	SM-M x L						
			65			SLE...027065	35			SLE...066035			165		SXE...027165	45		SXE...076045		25		SM-08025	55	SM-12055	160	SM-12160		
			85			SLE...027085	55			SLE...066055			25		SXE...036025	55		SXE...076055		12		SM-12012	60	SM-12060	170	SM-12170		
		105	SLE...027105		75	SLE...066075	50		SXE...036050	55	SXE...076075		95	SXE...076095	86	45	SXE...076095	14	SM-12014	16	SM-12016	65	SM-12065	180	SM-12180			
			125			SLE...027125			155		SLE...066155			60		SXE...036060	115		SXE...076115		18		SM-12018		70	SM-12070	190	SM-12190
			165			SLE...027165			75		SLE...076075			70		SXE...036070	86		55		SXE...086055		18		SM-12018	75	SM-12075	200
		205	SLE...027205		76	55	SLE...076055		80	SXE...036080	95		SXE...086095	96	75	SXE...086075	20	SM-12020	30	SM-12030	120	SM-12120	130	SM-12130				
245			SLE...027245	95		SLE...076095	115	SXE...086095		22		SM-12022	35		SM-12035	140		SM-12045		340		SM-12340						
285			SLE...027285	115		SLE...076115	95	SXE...096055		40		SM-12040	50		SM-12050													
46		35	SLE...036035	86	145	SLE...076145	95	SXE...036095	116	75	SXE...116075	136	135	SXE...136135	PS		PO											
			55		SLE...036055	115		SXE...036115		115	SXE...116115																	
			75		SLE...036075	135		SXE...036135		155	SXE...116155																	
		95	SLE...036095	96	55	SLE...086055	165	SXE...036165	46		136		136		PS	PO												
			115		SLE...036115	135		SLE...086095		46																		
			135		SLE...036135	165		SXE...036165		46																		
		165	SLE...036165	96	135	SLE...086135	46		136		136		136		PS	PO												
	205		SLE...036205		165	SXE...036165		46																				
	245		SLE...036245		165	SXE...036165		46																				
	46	285	SLE...036285	116	125	SLE...096125	136	95	SLE...136095	136		136		136		PS	PO											
			35		SLE...046035	135		SLE...136135	136																			
			45		SLE...046045	135		SLE...136135	136																			
		65	SLE...046065	136	95	SLE...136095	136	135	SLE...136135	136		136		136		PS	PO											
			85		SLE...046085	135		SLE...136135	136																			
			105		SLE...046105	135		SLE...136135	136																			

**SM**


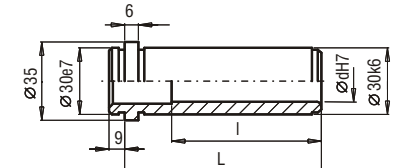
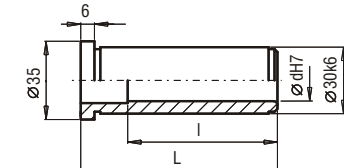
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-08025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


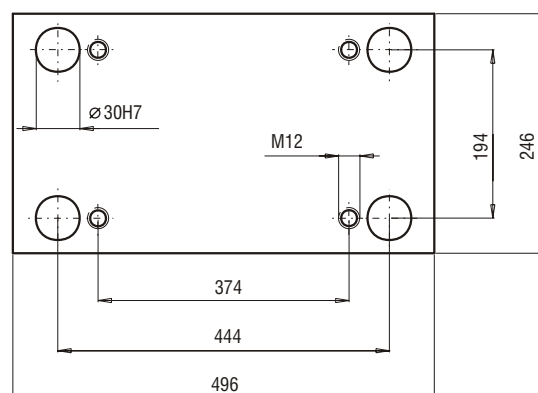
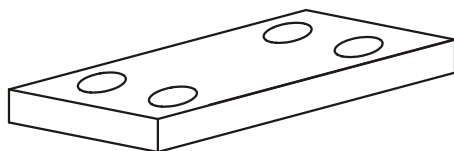
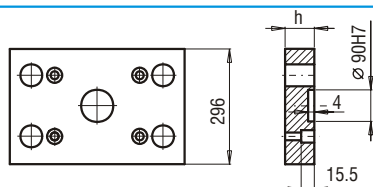
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

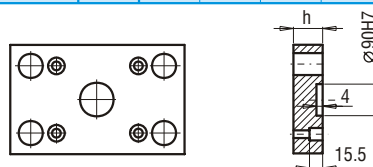
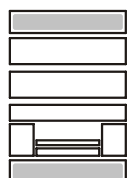
**17**

**PK 01**  
**PK 11**


PK 01/296x496x

h	FCPK-1	FCPK-2
36		

PK 11/296x496x

h	FCPK-1	FCPK-2
36		

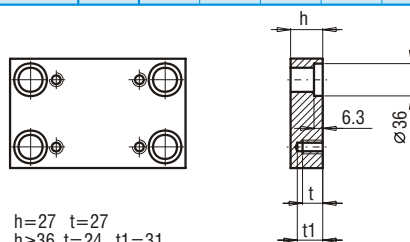
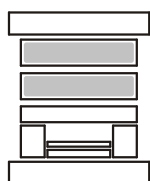
**PK 21**  
**PK 22**


PK 21/246x496x

h	FCPK-1	FCPK-2
27		

PK 22/246x496x

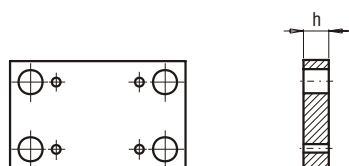
h	FCPK-1	FCPK-2
27		

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h \geq 36 \quad t=24 \quad t1=31$ 

 PK 03/246x496x  
 PK 31/246x496x

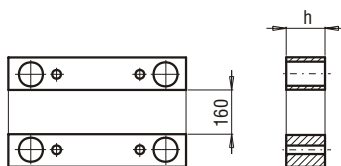
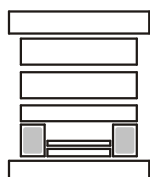
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


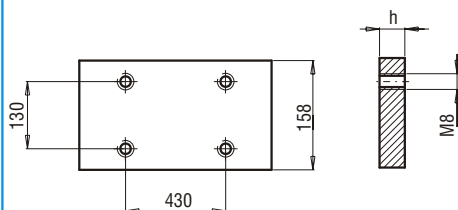
PK 04/246x496x

h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/43x496x

h	FCPK-1
56	
76	
96	

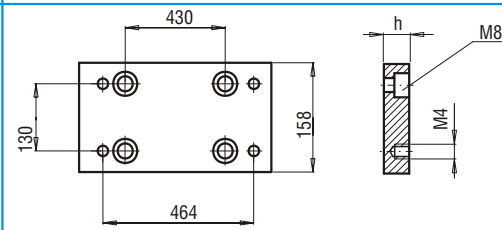
**PK 06**


PK 06/158x496x

h

FCPK-1

17

**PK 07A**


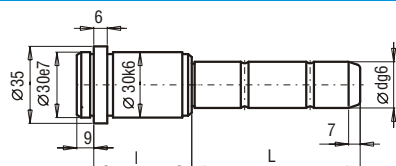
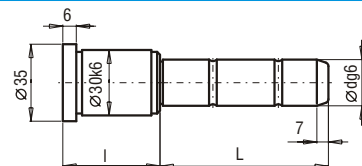
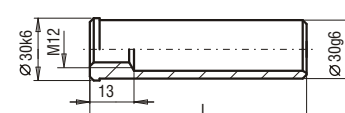
PK 07A/158x496x

h

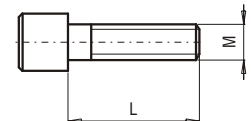
FCPK-1

FCPK-2

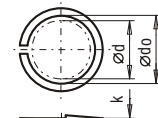
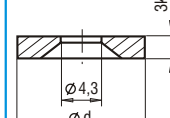
22

**SLE**

**SXE**

**TUE**


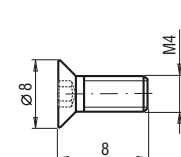
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...		
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140		
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160	
		75	SLE...017075			205	SLE...046205			50	SXE...027050			45	SXE...056045	80	TUE-30080	180	TUE-30180		
	22	35	SLE...022035		56	35	SLE...056035			60	SXE...027060			55	SXE...056055	100	TUE-30100	200	TUE-30200		
		55	SLE...022055			55	SLE...056055			65	SXE...027065			75	SXE...056075	120	TUE-30120	240	TUE-30240		
		75	SLE...022075			75	SLE...056075			70	SXE...027070			95	SXE...056095						
		105	SLE...022105			95	SLE...056095			80	SXE...027080			115	SXE...056115						
		130	SLE...022130			115	SLE...056115			85	SXE...027085			165	SXE...056165						
	27	35	SLE...027035			165	SLE...056165			105	SXE...027105			66	55	SXE...066055					
		45	SLE...027045			205	SLE...056205			125	SXE...027125			75	SXE...066075						
		65	SLE...027065		66	35	SLE...066035			165	SXE...027165			95	SXE...066095						
		85	SLE...027085			55	SLE...066055		36	25	SXE...036025			76	25	SXE...076025					
		105	SLE...027105			75	SLE...066075			45	SXE...036045			45	SXE...076045						
		125	SLE...027125			95	SLE...066095			50	SXE...036050			55	SXE...076055						
		165	SLE...027165			155	SLE...066155			55	SXE...036055			75	SXE...076075						
		205	SLE...027205			76	55	SLE...076055			60	SXE...036060			95	SXE...076095					
		245	SLE...027245			75	SLE...076075			70	SXE...036070			115	SXE...076115						
		285	SLE...027285			95	SLE...076095			75	SXE...036075			86	55	SXE...086055					
	36	35	SLE...036035			115	SLE...076115			80	SXE...036080			75	SXE...086075						
		55	SLE...036055			145	SLE...076145			95	SXE...036095			95	SXE...086095						
		75	SLE...036075			86	55	SLE...086055			115	SXE...036115			96	55	SXE...096055				
		95	SLE...036095			75	SLE...086075			135	SXE...036135			75	SXE...096075						
		115	SLE...036115			95	SLE...086095			165	SXE...036165			95	SXE...096095						
		135	SLE...036135			135	SLE...086135			46	25	SXE...046025			116	75	SXE...116075				
		165	SLE...036165			96	55	SLE...096055			45	SXE...046045			115	SXE...116115					
		205	SLE...036205			75	SLE...096075			50	SXE...046050			155	SXE...116155						
		245	SLE...036245			95	SLE...096095			60	SXE...046060			136	135	SXE...136135					
		285	SLE...036285			125	SLE...096125			65	SXE...046065										
	46	35	SLE...046035			116	75	SLE...116075			70	SXE...046070									
		45	SLE...046045			115	SLE...116115			80	SXE...046080										
		65	SLE...046065			155	SLE...116155			85	SXE...046085										
		85	SLE...046085			136	95	SLE...136095			105	SXE...046105									
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**SM**


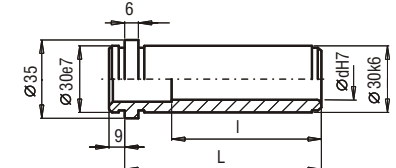
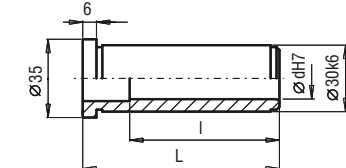
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-08025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


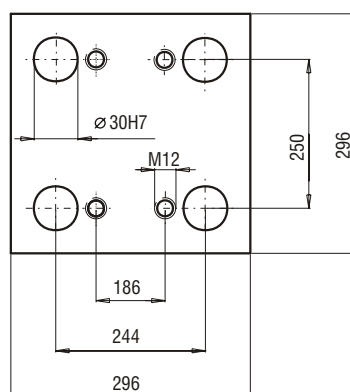
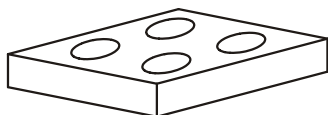
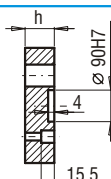
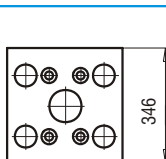
d	PN-77/M-82008 d <sub>0</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**18**

**PK 01**  
**PK 11**


PK 01/346x296x

h

 27  
36

FCPK-1

FCPK-2

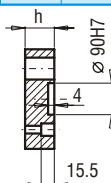
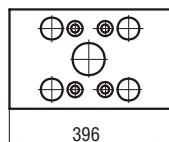
PK 11/346x296x

h

 27  
36

FCPK-1

FCPK-2

**PK 02**  
**PK 12**


PK 02/296x396x

h

 27  
36

FCPK-1

FCPK-2

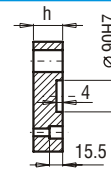
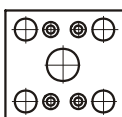
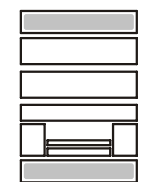
PK 12/296x396x

h

 27  
36

FCPK-1

FCPK-2

**PK 21**  
**PK 22**


PK 21/296x296x

h

 22  
27

FCPK-1

FCPK-2

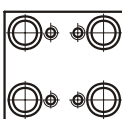
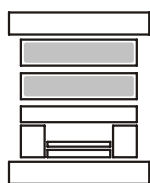
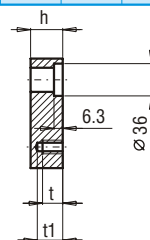
PK 22/296x296x

h

 22  
27

FCPK-1

FCPK-2

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h≥36 t=24 t1=31


PK 03/296x296x

PK 31/296x296x

h

 22  
27  
36  
46  
56  
66  
76  
86  
96  
116

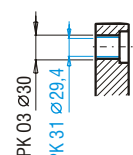
FCPK-1

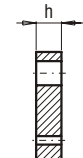
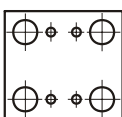
FCPK-2

FCPK-3

\*

\*


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


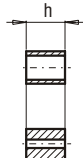
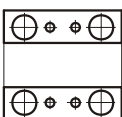
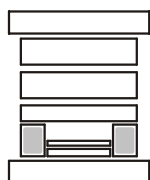
PK 04/296x296x

h

 36  
46

FCPK-1

FCPK-2

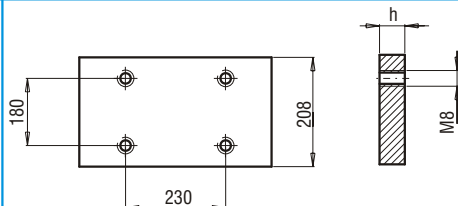
**PK 05**


PK 05/43x296x

h

 56  
76  
96

FCPK-1

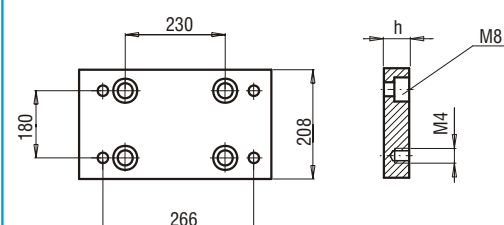
**PK 06**


PK 06/208x296x

h

FCPK-1

12

**PK 07A**


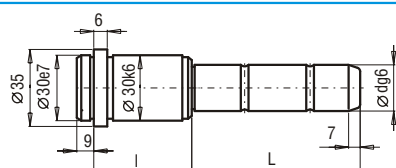
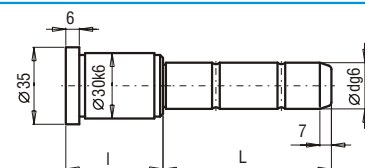
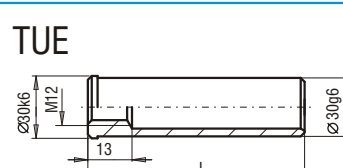
PK 07A/208x296x

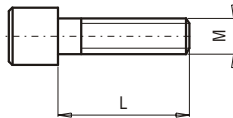
h

FCPK-1

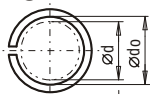
FCPK-2

17

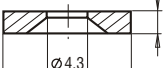
**SLE**

**SXE**

**TUE**


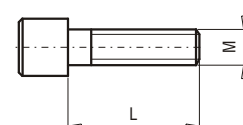
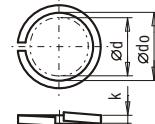
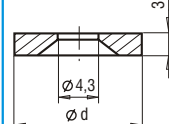
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...																		
24/22	17	35	SLE-..017035	24/22	46	125	SLE-..046125	24/22	27	25	SXE-..027025	24/22	46	165	SXE-..046165	40	TUE-30040	140	TUE-30140																		
		55	SLE-..017055			165	SLE-..046165			25	SXE-..056025			60	TUE-30060	160	TUE-30160																				
		75	SLE-..017075			205	SLE-..046205			45	SXE-..056045			80	TUE-30080	180	TUE-30180																				
	22	35	SLE-..022035	56	35	SLE-..056035	60	SXE-..027060	56	55	SXE-..056055	100	TUE-30100	200	TUE-30200																						
		55	SLE-..022055		55	SLE-..056055		75		SXE-..056075	120	TUE-30120	240	TUE-30240																							
		75	SLE-..022075		70	SXE-..027070		95		SXE-..056095																											
	105	SLE-..022105	95	SLE-..056095	80	SXE-..027080	115	SXE-..056115	165	SXE-..056165	SM																										
		130		SLE-..022130		85		SXE-..027085		75								SXE-..066075	95	SXE-..066095																	
		27		35		SLE-..027035		105		SXE-..027105								66	55	SXE-..066055	76	25	SXE-..076025	L	SM-M x L	L	SM-M x L	L	SM-M x L								
	36	45	SLE-..027045	66	35	SLE-..066035	36	25	SXE-..036025	76	45	SXE-..036045	45	SXE-..076045	12	SM-12012	55	SM-12055	160	SM-12160																	
			65		SLE-..027065	55		SLE-..066055	45		SXE-..036050	55	SXE-..076055	14	SM-12014	60	SM-12060	170	SM-12170																		
			85		SLE-..027085	75		SLE-..066075	55		SXE-..036055	75	SXE-..076075	16	SM-12016	65	SM-12065	180	SM-12180																		
		105	SLE-..027105	76	55	SLE-..076055	75	SLE-..066095	155	SLE-..066155	60	SXE-..036060	95	SXE-..076095	18	SM-12018	70	SM-12070	190	SM-12190																	
			125		SLE-..027125	75		SLE-..076075		70		SXE-..036070	115	SXE-..076115	14	SM-12014	75	SM-12075	200	SM-12200																	
			165		SLE-..027165	95		SLE-..076095		75		SXE-..036075	86	55	SXE-..086055	20	SM-12020	80	SM-12080	220	SM-12220																
		205	SLE-..027205	115	SLE-..076115	145	SLE-..076145	95	SXE-..036095	115	SXE-..036115	95	SXE-..086095	22	SM-12022	90	SM-12090	240	SM-12240																		
			245		SLE-..027245		86		55		SLE-..086055		75	SLE-..086075	25	SM-12025	100	SM-12100	260	SM-12260																	
			285		SLE-..027285		95		SLE-..086095		95		SXE-..096055	30	SM-12030	110	SM-12110	280	SM-12280																		
46		35	SLE-..036035	86	75	SLE-..086075	95	SLE-..086095	165	SXE-..036165	116	75	SXE-..116075	35	SM-12035	120	SM-12120	300	SM-12300																		
			55		SLE-..036055	135		SXE-..036135		95		SXE-..096095	40	SM-12040	130	SM-12130	320	SM-12320																			
			75		SLE-..036075	165		SXE-..036165		115		SXE-..116115	45	SM-12045	140	SM-12140	340	SM-12340																			
		95	SLE-..036095	96	55	SLE-..096055	45	SXE-..046025	135	SXE-..136135	136	50	SXE-..046050	50	SM-12050	150	SM-12150																				
			115		SLE-..036115	45		SXE-..046045		60		SXE-..046060	65	SXE-..046065																							
			135		SLE-..036135	60		SXE-..046060		70		SXE-..046070																									
		165	SLE-..036165	116	75	SLE-..116075	80	SXE-..046080	85	SXE-..046085	105	SXE-..046105	125	SXE-..046125																							
			205		SLE-..036205	115		SLE-..116115		105		SXE-..046105																									
			245		SLE-..036245	155		SLE-..116155																													
	285	SLE-..036285	136	95	SLE-..096095	95	SLE-..136095	135	SLE-..136135																												
		35		SLE-..046035	116		75		SLE-..116075																												
		45		SLE-..046045	115		SLE-..116115																														
	65	SLE-..046065	136	155	SLE-..116155																																
		85		SLE-..046085																																	
		105		SLE-..046105																																	

PS

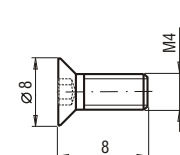


PO



**SM**

**PS**

**P0**


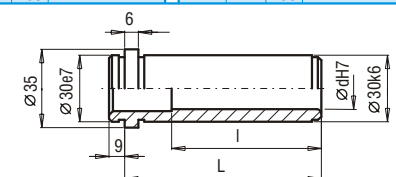
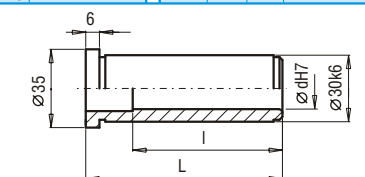
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-..
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**

**d**

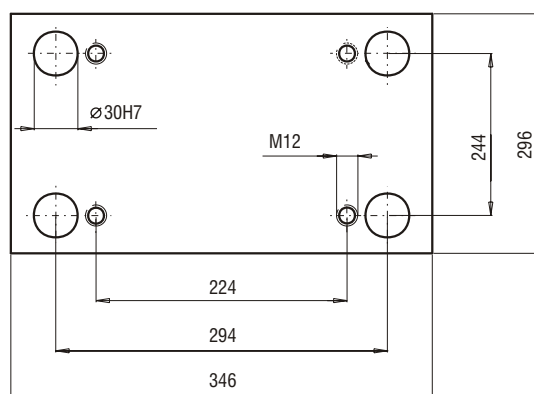
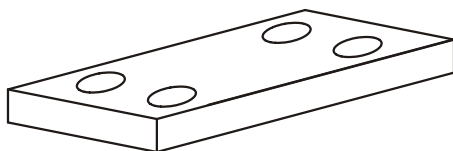
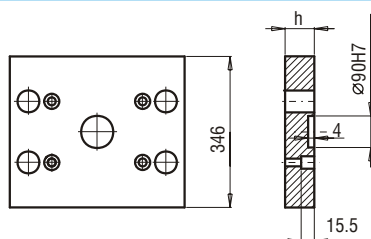
 DIN 7991  
d x L

M4

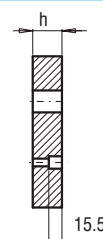
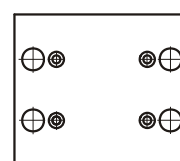
M4 x 8

**TPE**

**TXE**


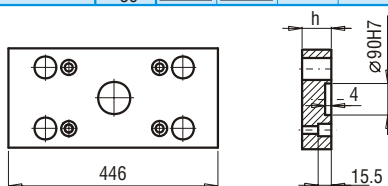
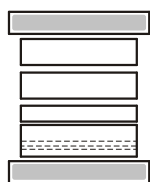
d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE-..017	24/22	75	66	TPE-..066	24/22	17	17	TXE-..017	24/22	66	66	TXE-..066
	31	22	TPE-..022		85	76	TPE-..076		22	22	TXE-..022		76	76	TXE-..076
	36	27	TPE-..027		95	86	TPE-..086		27	27	TXE-..027		86	86	TXE-..086
	45	36	TPE-..036		96	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		96	116	TPE-..116		46	46	TXE-..046		96	116	TXE-..116
	65	56	TPE-..056		96	136	TPE-..136		56	56	TXE-..056		96	136	TXE-..136
					96	156	TPE-..156								

**19**

**PK 01**  
**PK 11**


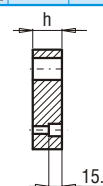
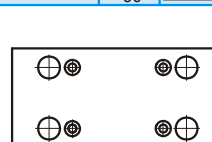
PK 01/346x346x	h	FCPK-1	FCPK-2						
	27								
	36								



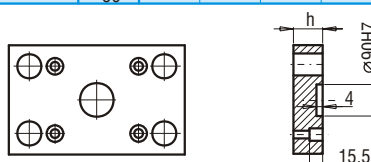
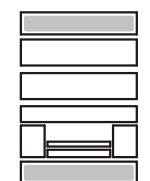
PK 11/346x346x	h	FCPK-1	FCPK-2						
	27								
	36								

**PK 02**  
**PK 12**


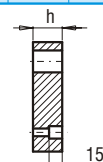
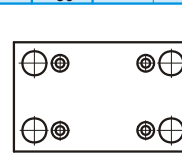
PK 02/296x446x	h	FCPK-1	FCPK-2						
	27								
	36								



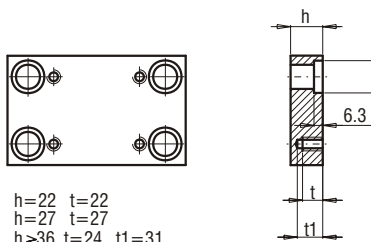
PK 12/296x446x	h	FCPK-1	FCPK-2						
	27								
	36								

**PK 21**  
**PK 22**


PK 21/296x346x	h	FCPK-1	FCPK-2						
	22								
	27								



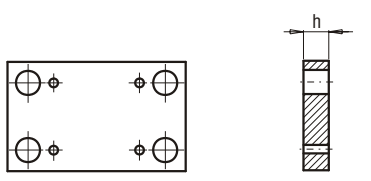
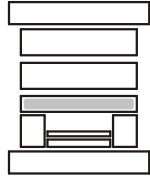
PK 22/296x346x	h	FCPK-1	FCPK-2						
	22								
	27								

**PK 03**  
**PK 31**


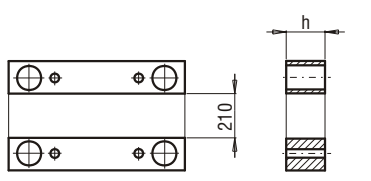
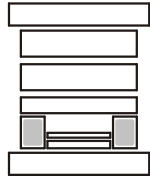
h=22 t=22  
h=27 t=27  
h≥36 t=24 t1=31

PK 03/296x346x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/296x346x	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

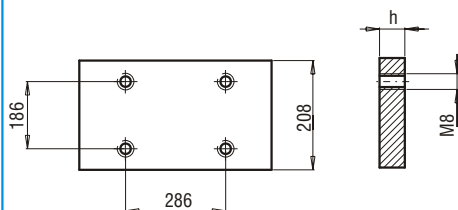
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/296x346x	h	FCPK-1	FCPK-2						
	36								
	46								

**PK 05**


PK 05/43x346x	h	FCPK-1							
	56								
	76								
	96								

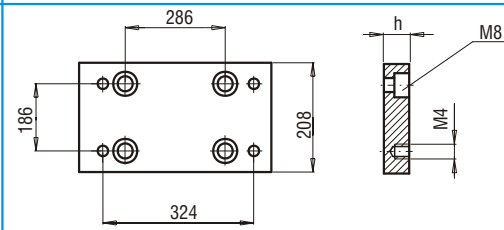
**PK 06**


PK 06/208x346x

h

FCPK-1

17

**PK 07A**


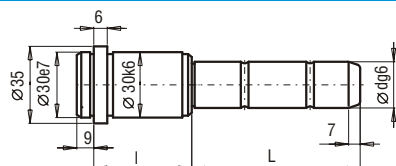
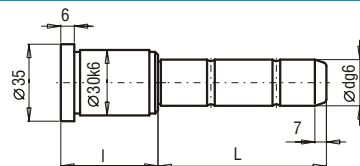
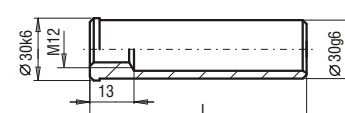
PK 07A/208x346x

h

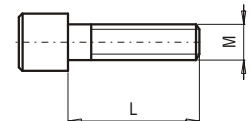
FCPK-1

FCPK-2

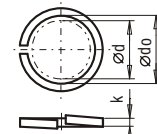
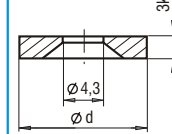
22

**SLE**

**SXE**

**TUE**


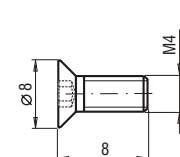
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...	
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140	
		55	SLE...017055			165	SLE...046165			45	SXE...027045		56	25	SXE...056025	60	TUE-30060	160	TUE-30160	
		75	SLE...017075			205	SLE...046205			50	SXE...027050			45	SXE...056045	80	TUE-30080	180	TUE-30180	
	22	35	SLE...022035		56	35	SLE...056035			60	SXE...027060			55	SXE...056055	100	TUE-30100	200	TUE-30200	
		55	SLE...022055			55	SLE...056055			65	SXE...027065			75	SXE...056075	120	TUE-30120	240	TUE-30240	
		75	SLE...022075			75	SLE...056075			70	SXE...027070			95	SXE...056095					
		105	SLE...022105			95	SLE...056095			80	SXE...027080			115	SXE...056115					
		130	SLE...022130			115	SLE...056115			85	SXE...027085			165	SXE...056165					
	27	35	SLE...027035			165	SLE...056165			105	SXE...027105			55	SXE...066055					
		45	SLE...027045			205	SLE...056205			125	SXE...027125			75	SXE...066075					
		65	SLE...027065		66	35	SLE...066035			165	SXE...027165			95	SXE...066095					
		85	SLE...027085			55	SLE...066055		36	25	SXE...036025			76	25	SXE...076025				
		105	SLE...027105			75	SLE...066075			45	SXE...036045			45	SXE...076045					
		125	SLE...027125			95	SLE...066095			50	SXE...036050			55	SXE...076055					
		165	SLE...027165			155	SLE...066155			55	SXE...036055			75	SXE...076075					
		205	SLE...027205			76	55	SLE...076055			60	SXE...036060			95	SXE...076095				
		245	SLE...027245			75	SLE...076075			70	SXE...036070			115	SXE...076115					
		285	SLE...027285			95	SLE...076095			75	SXE...036075			55	SXE...086055					
	36	35	SLE...036035			115	SLE...076115			80	SXE...036080			75	SXE...086075					
		55	SLE...036055			145	SLE...076145			95	SXE...036095			95	SXE...086095					
		75	SLE...036075			86	55	SLE...086055			115	SXE...036115			55	SXE...096055				
		95	SLE...036095			75	SLE...086075			135	SXE...036135			75	SXE...096075					
		115	SLE...036115			95	SLE...086095			165	SXE...036165			95	SXE...096095					
		135	SLE...036135			135	SLE...086135			25	SXE...046025			116	75	SXE...116075				
		165	SLE...036165			96	55	SLE...096055			45	SXE...046045			115	SXE...116115				
		205	SLE...036205			75	SLE...096075			50	SXE...046050			155	SXE...116155					
		245	SLE...036245			95	SLE...096095			60	SXE...046060			136	135	SXE...136135				
		285	SLE...036285			125	SLE...096125			65	SXE...046065									
	46	35	SLE...046035			116	75	SLE...116075			70	SXE...046070								
		45	SLE...046045			115	SLE...116115			80	SXE...046080									
		65	SLE...046065			155	SLE...116155			85	SXE...046085									
		85	SLE...046085			136	95	SLE...136095			105	SXE...046105								
		105	SLE...046105			135	SLE...136135			125	SXE...046125									

**SM**


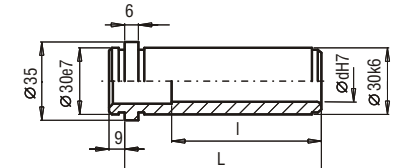
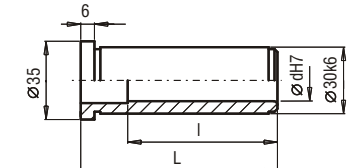
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-08025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

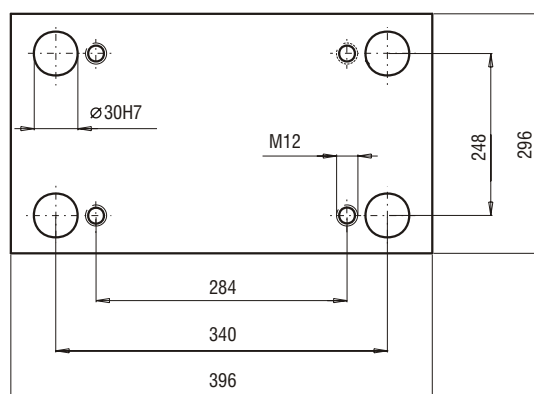
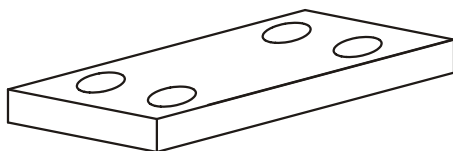
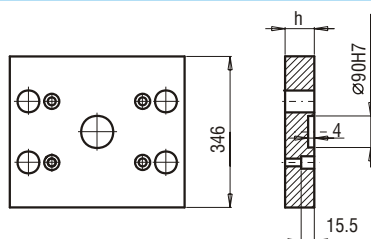
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


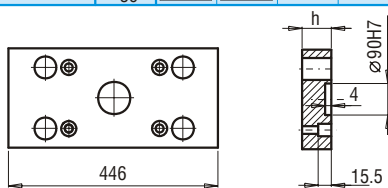
d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								



**20**

**PK 01**  
**PK 11**


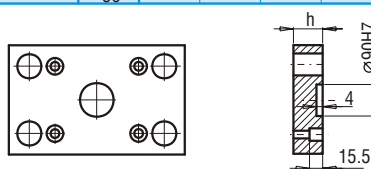
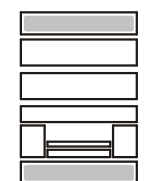
PK 01/346x396x	h	FCPK-1	FCPK-2						
	27								
	36								

PK 11/346x396x	h	FCPK-1	FCPK-2						
	27								
	36								

**PK 02**  
**PK 12**


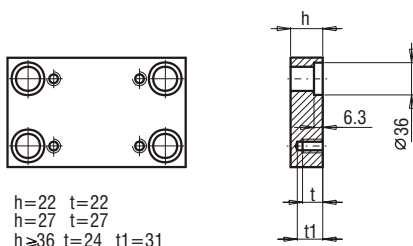
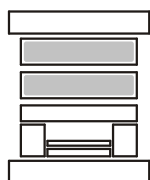
PK 02/296x446x	h	FCPK-1	FCPK-2						
	27								
	36								

PK 12/296x446x	h	FCPK-1	FCPK-2						
	27								
	36								

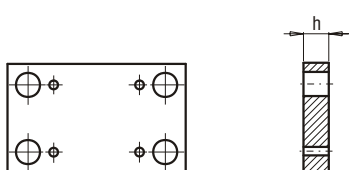
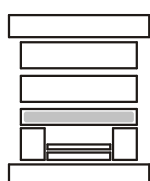
**PK 21**  
**PK 22**


PK 21/296x396x	h	FCPK-1	FCPK-2						
	22								
	27								

PK 22/296x396x	h	FCPK-1	FCPK-2						
	22								
	27								

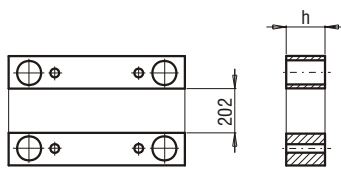
**PK 03**  
**PK 31**


PK 03/296x396x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/296x396x	22					
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

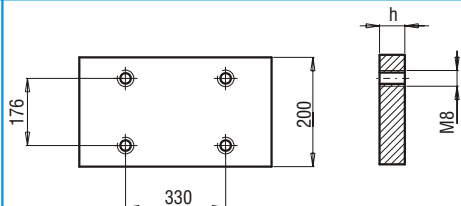
**PK 04**


\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

PK 04/296x396x	h	FCPK-1	FCPK-2						
	36								
	46								

**PK 05**


PK 05/47x396x	h	FCPK-1							
	56								
	76								
	96								

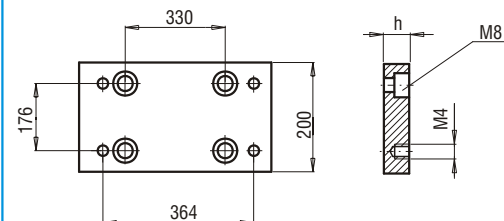
**PK 06**


PK 06/200x396x

h

FCPK-1

17

**PK 07A**


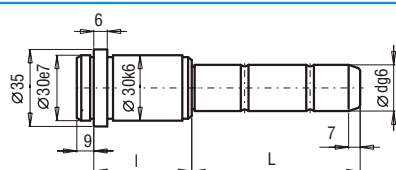
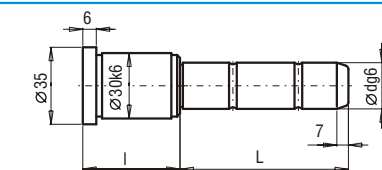
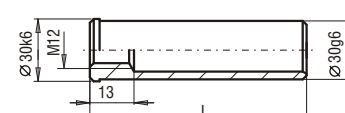
PK 07A/200x396x

h

FCPK-1

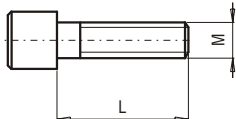
FCPK-2

22

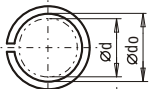
**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...				
24/22	17	35	SLE-..017035	24/22	46	125	SLE-..046125	24/22	27	25	SXE-..027025	24/22	46	165	SXE-..046165	40	TUE-30040	140	TUE-30140				
		55	SLE-..017055			165	SLE-..046165			25	SXE-..056025			60	TUE-30060	160	TUE-30160						
		75	SLE-..017075			205	SLE-..046205			45	SXE-..056045			80	TUE-30080	180	TUE-30180						
	22	35	SLE-..022035	56	35	SLE-..056035	60	SXE-..027060	56	55	SXE-..056055	100	TUE-30100	200	TUE-30200								
		55	SLE-..022055		55	SLE-..056055		65		SXE-..027065	75	SXE-..056075	120	TUE-30120	240	TUE-30240							
		75	SLE-..022075		75	SLE-..056075		70		SXE-..027070	95	SXE-..056095											
	27	105	SLE-..022105	95	SLE-..056095	80	SXE-..027080	115	SXE-..056115	165	SXE-..056165												
		130	SLE-..022130		115		SLE-..056115		85		SXE-..027085	66	55	SXE-..066055									
		35	SLE-..027035		165		SLE-..056165		105		SXE-..027105	75	SXE-..066075										
	36	45	SLE-..027045	76	205	SLE-..056205	165	SXE-..027125	76	55	SXE-..066095	115	SXE-..076115	25	SM-08025	55	SM-12055	160	SM-12160				
			65		SLE-..027065	35		SLE-..066035		55	SXE-..036025		45	SXE-..076045	12	SM-12012	60	SM-12060	170	SM-12170			
			85		SLE-..027085	55		SLE-..066055		45	SXE-..036045		55	SXE-..076055	14	SM-12014	65	SM-12065	180	SM-12180			
		105	SLE-..027105	75	SLE-..066075	155	SLE-..066155	55	SXE-..036055	75	SXE-..076075	95	SXE-..076095	16	SM-12016	70	SM-12070	190	SM-12190				
			125		SLE-..027125		55		SLE-..066095		60		SXE-..036060	75	SXE-..076095	18	SM-12018	75	SM-12075	200	SM-12200		
			165		SLE-..027165		75		SLE-..076075		70		SXE-..036070	115	SXE-..076115	16	SM-12016	70	SM-12070	190	SM-12190		
		205	SLE-..027205	95	SLE-..076095	115	SLE-..076115	145	SLE-..076145	95	SXE-..036095	75	SXE-..086075	20	SM-12020	80	SM-12080	220	SM-12200				
245			SLE-..027245		75		SLE-..076115		80		SXE-..036080		95	SXE-..086095	22	SM-12022	90	SM-12090	240	SM-12240			
285			SLE-..027285		115		SLE-..076115		95		SXE-..036095		95	SXE-..086095	25	SM-12025	100	SM-12100	260	SM-12260			
46		35	SLE-..036035	86	55	SLE-..086055	115	SXE-..036115	116	55	SXE-..116075	136	135	SXE-..136135	40	SM-12040	130	SM-12130	320	SM-12320			
			55		SLE-..036055	75		SLE-..086075		135	SXE-..036135		75	SXE-..096075	30	SM-12030	110	SM-12110	280	SM-12280			
			75		SLE-..036075	95		SLE-..086095		165	SXE-..036165		95	SXE-..096095	35	SM-12035	120	SM-12120	300	SM-12300			
		95	SLE-..036095	96	135	SLE-..086135	46	25	SXE-..046025	115	75	SXE-..116115	155	SXE-..116155	45	SM-12045	140	SM-12140	340	SM-12340			
			115		SLE-..036115	45		SXE-..046045	115		SXE-..116115	45		SM-12045	140	SM-12140	340	SM-12340					
			165		SLE-..036165	50		SXE-..046050	155		SXE-..116155	50		SM-12050	150	SM-12150							
		205	SLE-..036205	95	SLE-..096095	125	SLE-..096125	65	SXE-..046065	85	SXE-..046085	105	SXE-..046105	125	SXE-..046125								
	245		SLE-..036245		75		SLE-..096075		70		SXE-..046070		80		SXE-..046080	85	SXE-..046085	105	SXE-..046105				
	285		SLE-..036285		95		SLE-..096095		80		SXE-..046080		85		SXE-..046085	105	SXE-..046105						
	46	35	SLE-..046035	116	125	SLE-..116075	136	95	SLE-..136095	135	SLE-..136135												
			45		SLE-..046045	115		SLE-..116115	115		SLE-..116115												
			65		SLE-..046065	155		SLE-..116155	155		SLE-..116155												
			85		SLE-..046085																		
			105		SLE-..046105																		

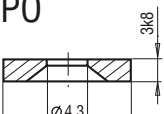
SM

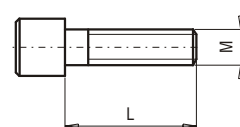
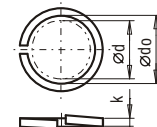
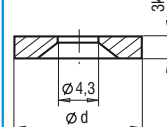
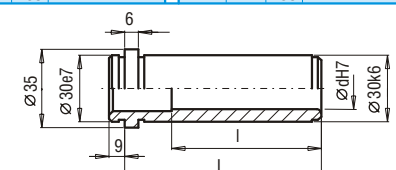
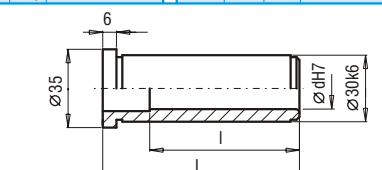


PS

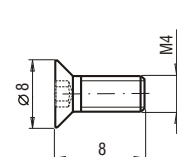


PO

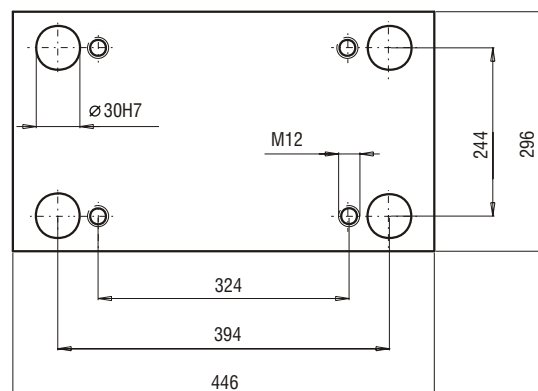
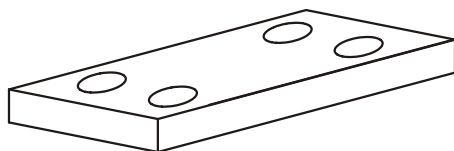
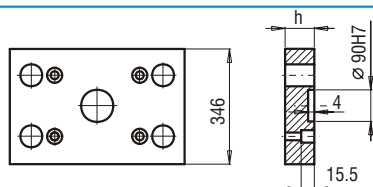


**SM**

**PS**

**P0**

**TPE**

**TXE**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-..
8	10	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

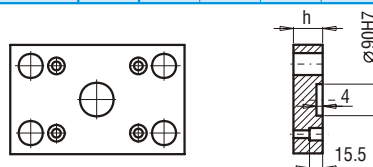
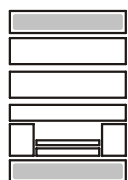
**21**

**PK 01**  
**PK 11**


PK 01/346x446x

h	FCPK-1	FCPK-2
36		

PK 11/346x446x

h	FCPK-1	FCPK-2
36		

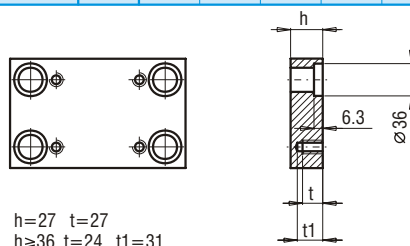
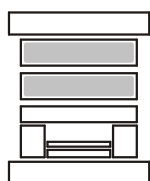
**PK 21**  
**PK 22**


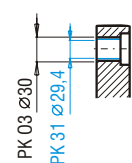
PK 21/296x446x

h	FCPK-1	FCPK-2
27		

PK 22/296x446x

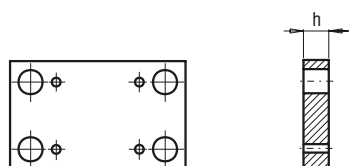
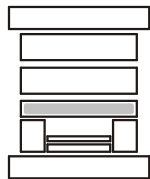
h	FCPK-1	FCPK-2
27		

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h \geq 36 \quad t=24 \quad t1=31$ 

 PK 03/296x446x  
 PK 31/296x446x


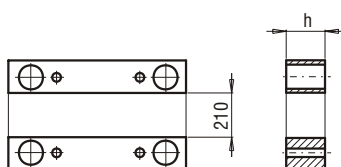
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


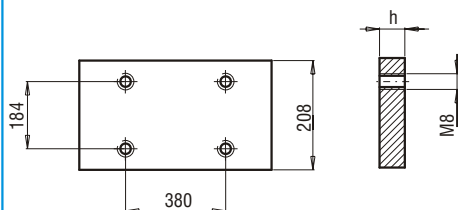
PK 04/296x446x

h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/43x446x

h	FCPK-1
56	
76	
96	

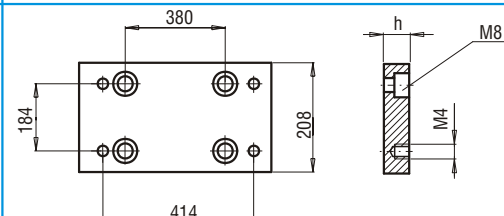
**PK 06**


PK 06/208x446x

h

FCPK-1

17

**PK 07A**


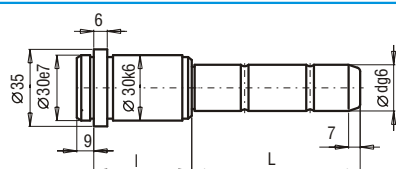
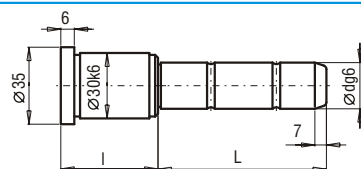
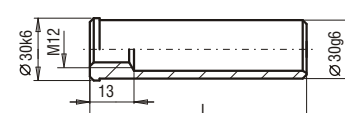
PK 07A/208x446x

h

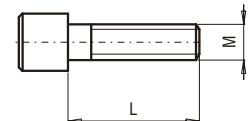
FCPK-1

FCPK-2

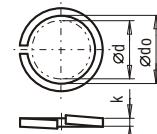
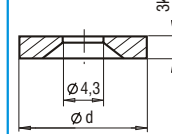
22

**SLE**

**SXE**

**TUE**


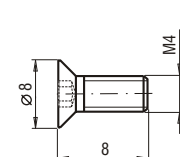
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...		
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140		
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160	
		75	SLE...017075			205	SLE...046205			50	SXE...027050			45	SXE...056045	80	TUE-30080	180	TUE-30180		
	22	35	SLE...022035		56	35	SLE...056035			60	SXE...027060			55	SXE...056055	100	TUE-30100	200	TUE-30200		
		55	SLE...022055			55	SLE...056055			65	SXE...027065			75	SXE...056075	120	TUE-30120	240	TUE-30240		
		75	SLE...022075			75	SLE...056075			70	SXE...027070			95	SXE...056095						
		105	SLE...022105			95	SLE...056095			80	SXE...027080			115	SXE...056115						
		130	SLE...022130			115	SLE...056115			85	SXE...027085			165	SXE...056165						
	27	35	SLE...027035			165	SLE...056165			105	SXE...027105			66	55	SXE...066055					
		45	SLE...027045			205	SLE...056205			125	SXE...027125			75	SXE...066075						
		65	SLE...027065		66	35	SLE...066035			165	SXE...027165			95	SXE...066095						
		85	SLE...027085			55	SLE...066055		36	25	SXE...036025			76	25	SXE...076025					
		105	SLE...027105			75	SLE...066075			45	SXE...036045			45	SXE...076045						
		125	SLE...027125			95	SLE...066095			50	SXE...036050			55	SXE...076055						
		165	SLE...027165			155	SLE...066155			55	SXE...036055			75	SXE...076075						
		205	SLE...027205			76	55	SLE...076055			60	SXE...036060			95	SXE...076095					
		245	SLE...027245			75	SLE...076075			70	SXE...036070			115	SXE...076115						
		285	SLE...027285			95	SLE...076095			75	SXE...036075			86	55	SXE...086055					
	36	35	SLE...036035			115	SLE...076115			80	SXE...036080			75	SXE...086075						
		55	SLE...036055			145	SLE...076145			95	SXE...036095			95	SXE...086095						
		75	SLE...036075			86	55	SLE...086055			115	SXE...036115			96	55	SXE...096055				
		95	SLE...036095			75	SLE...086075			135	SXE...036135			75	SXE...096075						
		115	SLE...036115			95	SLE...086095			165	SXE...036165			95	SXE...096095						
		135	SLE...036135			135	SLE...086135			46	25	SXE...046025			116	75	SXE...116075				
		165	SLE...036165			96	55	SLE...096055			45	SXE...046045			115	SXE...116115					
		205	SLE...036205			75	SLE...096075			50	SXE...046050			155	SXE...116155						
		245	SLE...036245			95	SLE...096095			60	SXE...046060			136	135	SXE...136135					
		285	SLE...036285			125	SLE...096125			65	SXE...046065										
	46	35	SLE...046035			116	75	SLE...116075			70	SXE...046070									
		45	SLE...046045			115	SLE...116115			80	SXE...046080										
		65	SLE...046065			155	SLE...116155			85	SXE...046085										
		85	SLE...046085			136	95	SLE...136095			105	SXE...046105									
		105	SLE...046105			135	SLE...136135			125	SXE...046125										

**SM**


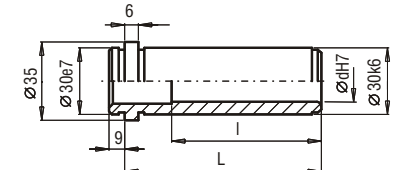
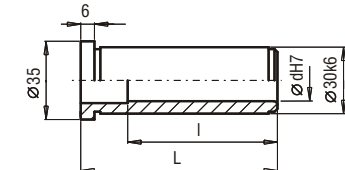
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-08025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


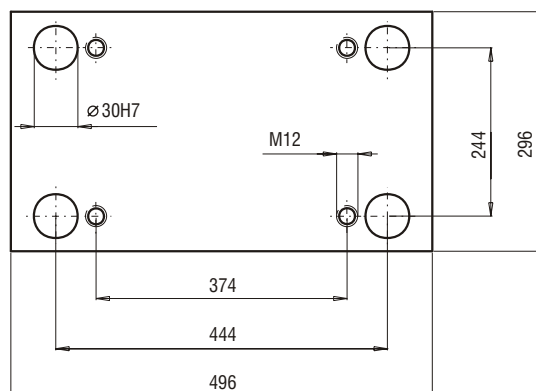
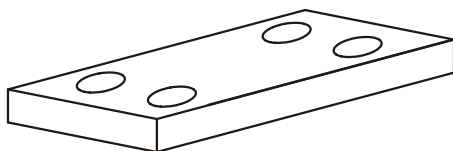
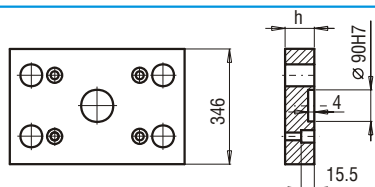
d	PN-77/M-82008 d <sub>0</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**22**

**PK 01**  
**PK 11**


PK 01/346x496x

h

36

FCPK-1

FCPK-2

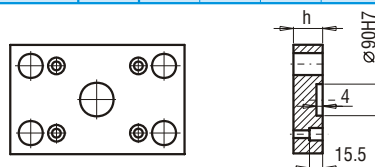
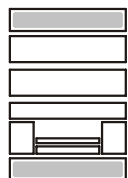
PK 11/346x496x

h

36

FCPK-1

FCPK-2

**PK 21**  
**PK 22**


PK 21/296x496x

h

27

FCPK-1

FCPK-2

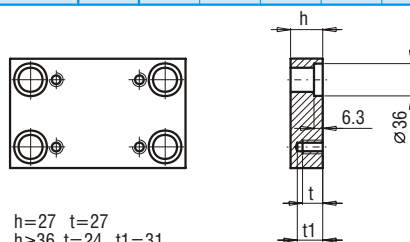
PK 22/296x496x

h

27

FCPK-1

FCPK-2

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h \geq 36 \quad t=24 \quad t1=31$ 

 PK 03/296x496x  
 PK 31/296x496x

h

27

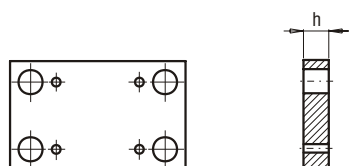
FCPK-1

FCPK-2

FCPK-3

\*

\*

**PK 04**


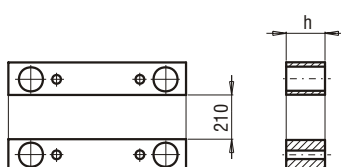
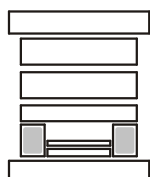
PK 04/296x496x

h

36

FCPK-1

FCPK-2

**PK 05**


PK 05/43x496x

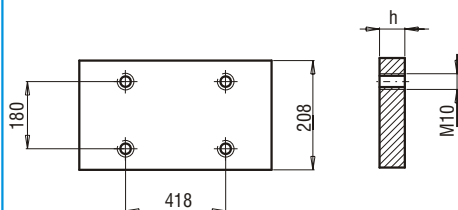
h

56

FCPK-1

76

96

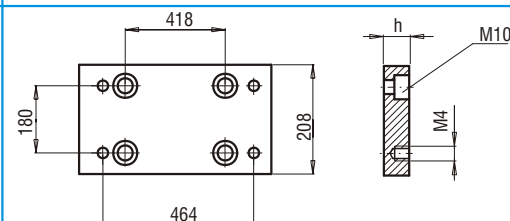
**PK 06**


PK 06/208x496x

h

FCPK-1

17

**PK 07A**


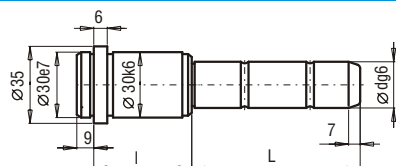
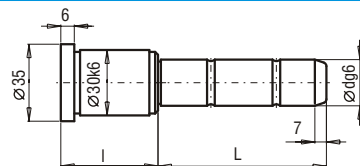
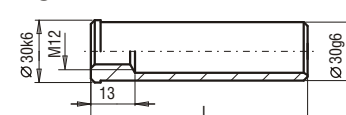
PK 07A/208x496x

h

FCPK-1

FCPK-2

22

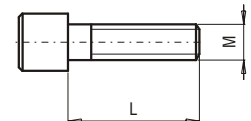
**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...												
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140												
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160											
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180														
	22	35	SLE...022035		56	35	SLE...056035			60	SXE...027060		55	SXE...056055	100	TUE-30100	200	TUE-30200													
		55	SLE...022055			55	SLE...056055			65	SXE...027065		75	SXE...056075	120	TUE-30120	240	TUE-30240													
		75	SLE...022075			70	SXE...027070			95	SXE...056095																				
	27	105	SLE...022105			95	SLE...056095			80	SXE...027080		115	SXE...056115																	
		130	SLE...022130			85	SXE...027085			165	SXE...056165																				
		35	SLE...027035			105	SXE...027105																								
			45		SLE...027045				205	SLE...056205				125	SXE...027125			75	SXE...066075												
			65		SLE...027065				66	35				SLE...066035				165	SXE...027165					95	SXE...066095						
			85		SLE...027085					55				SLE...066055				76	25						SXE...076025						
		105	SLE...027105		75		SLE...066075			45			SXE...076045	45			SXE...076055		25		SM-10025	55	SM-12055		160					SM-12160	
		125	SLE...027125		95		SLE...066095		50	SXE...036050			55	SXE...076075	12		SM-12012		60		SM-12060	170	SM-12170								
		165	SLE...027165		155		SLE...066155		55	SXE...036055			75	SXE...076095	14		SM-12014	65	SM-12065		180	SM-12180									
		205	SLE...027205		76		55		SLE...076055	60			SXE...036060	95	SXE...076115		16	SM-12016	70		SM-12070	190	SM-12190								
245		SLE...027245	75	SLE...076075	70		SXE...036070	115	SXE...076115	18		SM-12018	75	SM-12075	200		SM-12200														
285		SLE...027285	95	SLE...076095	75		SXE...036075	86	55	SXE...086055		20	SM-12020	80	SM-12080		220	SM-12220													
36			35	SLE...036035				115	SLE...076115				80	SXE...036080				95	SXE...086075												
			55	SLE...036055				145	SLE...076145				95	SXE...086095				22	SM-12022						90	SM-12090	240	SM-12240			
			75	SLE...036075				86	55				SLE...086055	115				SXE...036115	25						SM-12025	100	SM-12100	260	SM-12260		
			95	SLE...036095				75	SLE...086075				135	SXE...036135			30	SM-12030	110			SM-12110	280	SM-12280							
			115	SLE...036115				95	SLE...086095				165	SXE...036165			35	SM-12035	120			SM-12120	300	SM-12300							
			135	SLE...036135				135	SLE...086135				46	25			SXE...046025	40	SM-12040			130	SM-12130	320	SM-12320						
			165	SLE...036165				96	55			SLE...096055		45			SXE...046045		115			SXE...116115		45	SM-12045		340	SM-12340			
	205		SLE...036205	75		SLE...096075		50	SXE...046050		155	SXE...116155		50		SM-12050	150		SM-12150												
46		245	SLE...036245				95	SLE...096095				60	SXE...046060																		
		285	SLE...036285				125	SLE...096125				65	SXE...046065																		
		35	SLE...046035				116	75				SLE...116075	70																		
	45	SLE...046045	115			SLE...116115	80	SXE...046080																							
		65	SLE...046065				155	SLE...116155				85	SXE...046085																		
		85	SLE...046085				136	95				SLE...136095	105												SXE...046105						
		105	SLE...046105				135	SLE...136135				125	SXE...046125																		

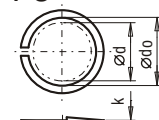
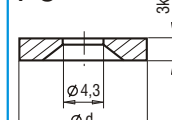
SM

PS

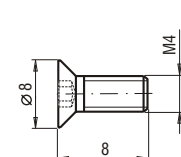
PO

**SM**


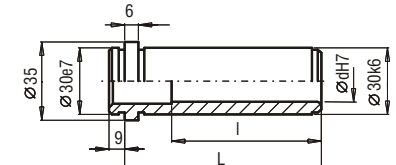
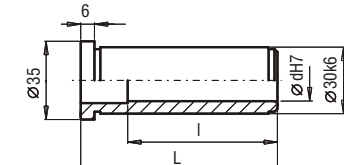
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


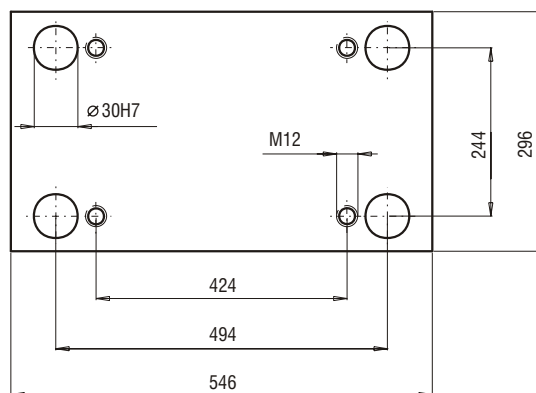
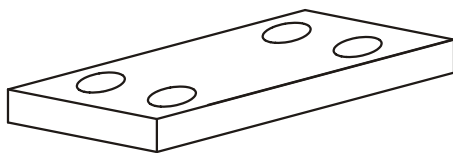
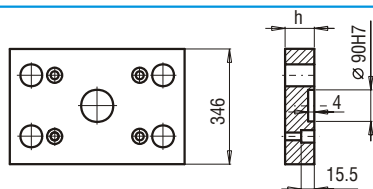
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 12	10.2x2	12.2x2.5	28
			P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

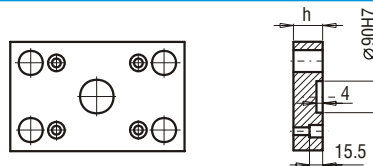
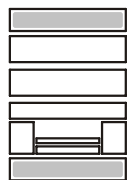
**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**23**

**PK 01**  
**PK 11**


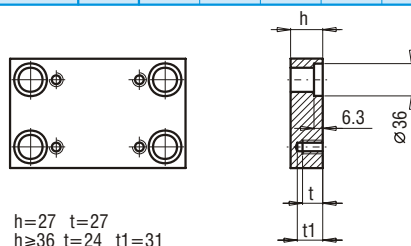
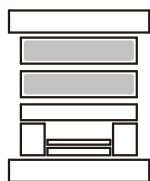
PK 01/346x546x	h	FCPK-1	FCPK-2				
	36						

PK 11/346x546x	h	FCPK-1	FCPK-2				
	36						

**PK 21**  
**PK 22**


PK 21/296x546x	h	FCPK-1	FCPK-2				
	27						

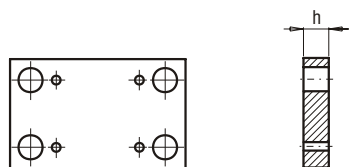
PK 22/296x546x	h	FCPK-1	FCPK-2				
	27						

**PK 03**  
**PK 31**


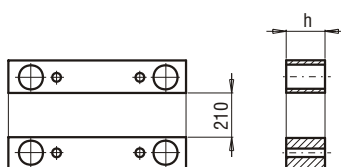
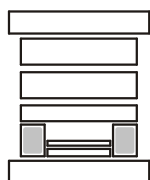
h=27 t=27  
h≥36 t=24 t1=31

PK 03/296x546x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/296x546x	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

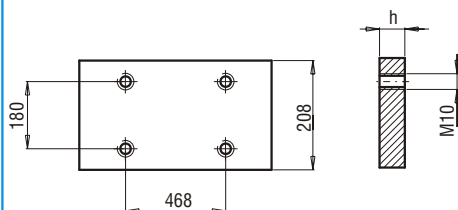
**PK 04**


PK 04/296x546x	h	FCPK-1	FCPK-2				
	36						
	46						

**PK 05**


PK 05/43x546x	h	FCPK-1					
	56						
	76						
	96						



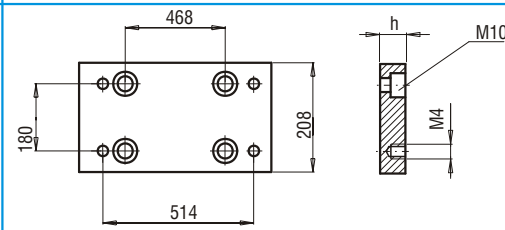
**PK 06**


PK 06/208x546x

h

FCPK-1

17

**PK 07A**


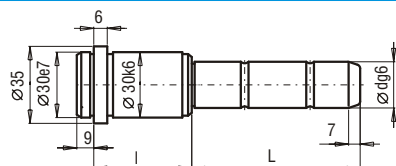
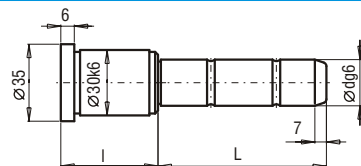
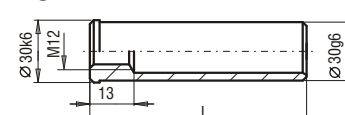
PK 07A/208x546x

h

FCPK-1

FCPK-2

22

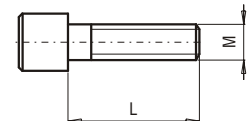
**SLE**

**SXE**

**TUE**


d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...							
24/22	17	35	SLE-...017035	24/22	46	125	SLE-...046125	24/22	27	25	SXE-...027025	24/22	46	165	SXE-...046165	40	TUE-30040	140	TUE-30140							
		55	SLE-...017055			165	SLE-...046165			56	25			SXE-...056025	60	TUE-30060	160	TUE-30160								
		75	SLE-...017075			205	SLE-...046205			45	SXE-...056045			80	TUE-30080	180	TUE-30180									
	22	35	SLE-...022035		56	35	SLE-...056035		60	SXE-...027060	55		SXE-...056055	100	TUE-30100	200	TUE-30200									
		55	SLE-...022055			55	SLE-...056055			75			SXE-...056075	120	TUE-30120	240	TUE-30240									
		75	SLE-...022075			70	SXE-...027070			95			SXE-...056095													
	27	105	SLE-...022105		95	SLE-...056095	80		SXE-...027080	115	SXE-...056115		165	SXE-...056165												
		130	SLE-...022130			85			SXE-...027085		66			55	SXE-...066055											
		35	SLE-...027035			105			SXE-...027105		75			SXE-...066075												
	36	45	SLE-...027045		66	205	SLE-...056205		125	SXE-...027125	95		SXE-...066095	76	25	SXE-...076025	L	SM-M x L	L	SM-M x L	L	SM-M x L				
			65			SLE-...027065	35			SLE-...066035			165		SXE-...027165	45		SXE-...076045		25		SM-10025	55	SM-12055	160	SM-12160
			85			SLE-...027085	55			SLE-...066055			25		SXE-...036025	55		SXE-...076055		12		SM-12012	60	SM-12060	170	SM-12170
105		SLE-...027105	75	SLE-...066075	50	SXE-...036050	55	SXE-...076075	95	SXE-...076095	115	SXE-...076115	14	SM-12014	16	SM-12016	65	SM-12065	180	SM-12180						
		125		SLE-...027125		155		SLE-...066155		60		SXE-...036060		75		SXE-...076075		18		SM-12018	70	SM-12070	190	SM-12190		
		165		SLE-...027165		76		55		SLE-...076055		70		SXE-...036070		95		SXE-...076095		18	SM-12018	75	SM-12075	200	SM-12200	
205		SLE-...027205	75	SLE-...076075	75	SXE-...036075	80	SXE-...036080	95	SXE-...086095	96	55	SXE-...086055	20	SM-12020	22	SM-12022	80	SM-12080	220	SM-12220					
		245		SLE-...027245		115		SLE-...076115		95		SXE-...036095	75		SXE-...086075		22		SM-12022		90	SM-12090	240	SM-12240		
		285		SLE-...027285		145		SLE-...076145		115		SXE-...036115	95		SXE-...086095		22		SM-12022		90	SM-12090	240	SM-12240		
46		35	SLE-...036035	86	55	SLE-...086055	135	SXE-...036135	165	SXE-...036165	116	75	SXE-...116075	40	SM-12040	45	SM-12045	130	SM-12130	320	SM-12320					
			55		SLE-...036055	75		SLE-...086075		135		SXE-...036135	75		SXE-...116115		45		SM-12045		140	SM-12140	340	SM-12340		
			75		SLE-...036075	95		SLE-...086095		165		SXE-...036165	155		SXE-...116155		50		SM-12050		150	SM-12150				
	115	SLE-...036115	96	135	SLE-...086135	25	SXE-...046025	45	SXE-...046045	136	135	SXE-...136135														
		165		SLE-...036165	45		SLE-...096055		45		SXE-...046045															
		205		SLE-...036205	75		SLE-...096075		50		SXE-...046050															
	245	SLE-...036245	95	SLE-...096095	60	SXE-...046060	65	SXE-...046065	70	SXE-...046070																
		285		SLE-...036285		125		SLE-...096125		70	SXE-...046070															
		46		35		SLE-...046035		116		75	SLE-...116075	80	SXE-...046080													
	45	SLE-...046045	115	SLE-...116115	155	SLE-...116155	85	SXE-...046085	105	SXE-...046105																
		65		SLE-...046065		136		95		SLE-...136095	105	SXE-...046105														
		85		SLE-...046085		135		SLE-...136135		125	SXE-...046125															
105	SLE-...046105																									

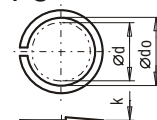
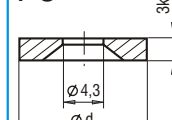
SM

PS

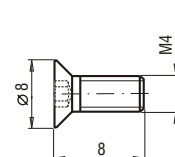
PO

**SM**


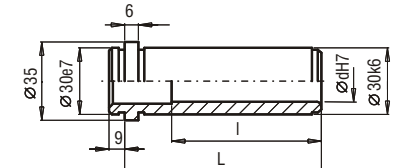
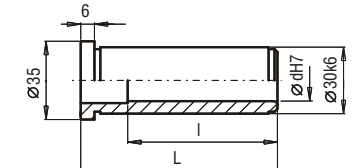
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12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


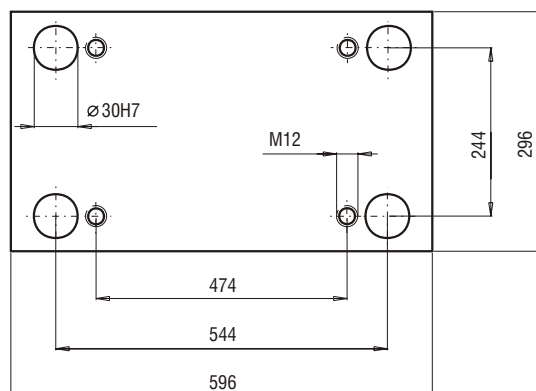
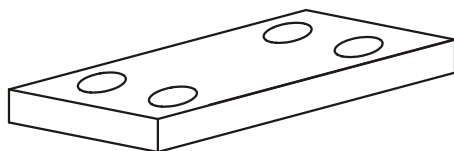
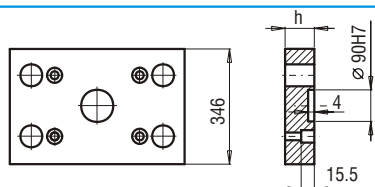
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0...
10 12	10.2x2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

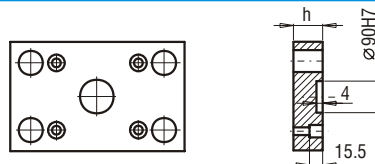
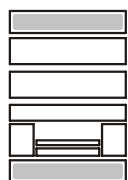
**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								

**24**

**PK 01**  
**PK 11**


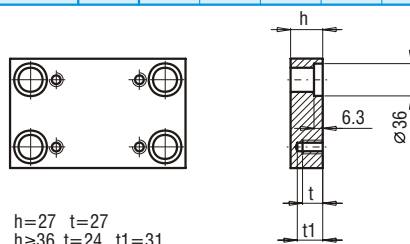
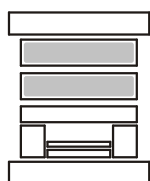
PK 01/346x596x	h	FCPK-1	FCPK-2				
	36						

PK 11/346x596x	h	FCPK-1	FCPK-2				
	36						

**PK 21**  
**PK 22**


PK 21/296x596x	h	FCPK-1	FCPK-2				
	27						

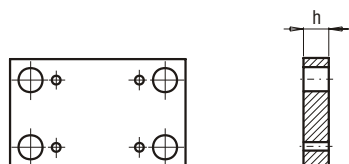
PK 22/296x596x	h	FCPK-1	FCPK-2				
	27						

**PK 03**  
**PK 31**


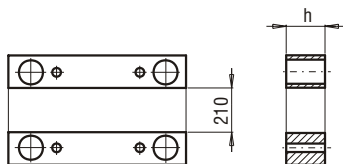
h=27 t=27  
h≥36 t=24 t1=31

PK 03/296x596x	h	FCPK-1	FCPK-2	FCPK-3	*	*
PK 31/296x596x	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					

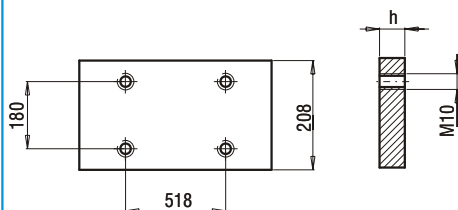
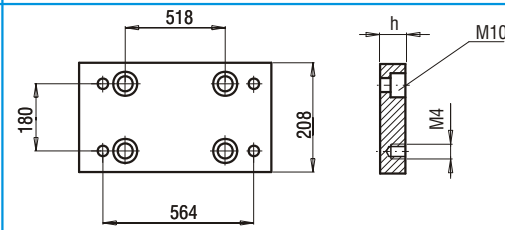
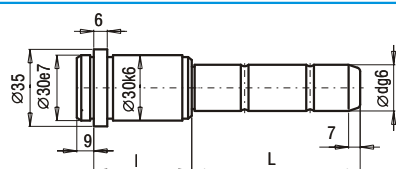
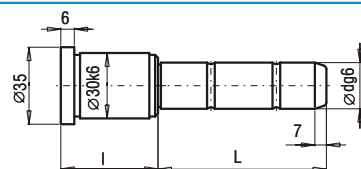
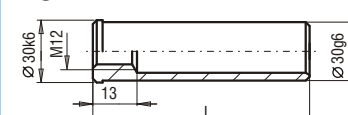
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

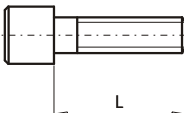
**PK 04**


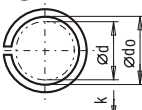
PK 04/296x596x	h	FCPK-1	FCPK-2				
	36						
	46						

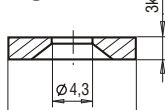
**PK 05**


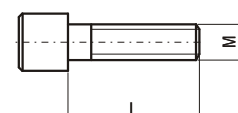
PK 05/43x596x	h	FCPK-1					
	76						
	96						
	116						

**PK 06**

**PK 06/208x596x**
**h**
**FCPK-1**
**22**
**PK 07A**

**PK 07A/208x596x**
**h**
**FCPK-1**
**FCPK-2**
**27**
**SLE**

**SXE**

**TUE**


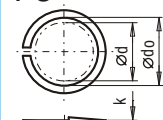
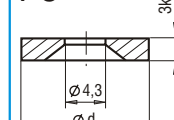
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...	
24/22	17	35	SLE-..017035	24/22	46	125	SLE-..046125	24/22	27	25	SXE-..027025	24/22	46	165	SXE-..046165	40	TUE-30040	140	TUE-30140	
		55	SLE-..017055			165	SLE-..046165			45	SXE-..027045			56	25	SXE-..056025	60	TUE-30060	160	TUE-30160
		75	SLE-..017075			205	SLE-..046205			45	SXE-..056045			80	TUE-30080	180	TUE-30180			
	22	35	SLE-..022035		56	35	SLE-..056035		60	SXE-..027060	55		SXE-..056055	100	TUE-30100	200	TUE-30200			
		55	SLE-..022055			65	SXE-..027065		75	SXE-..056075	120		TUE-30120	240	TUE-30240					
		75	SLE-..022075			70	SXE-..027070		95	SXE-..056095										
	27	105	SLE-..022105		95	SLE-..056095	80		SXE-..027080	115	SXE-..056115		SM							
		130	SLE-..022130		115	SLE-..056115	85		SXE-..027085	165	SXE-..056165									
		35	SLE-..027035		165	SLE-..056165	105		SXE-..027105	66	55				SXE-..066055					
		45	SLE-..027045		205	SLE-..056205	125		SXE-..027125	75	SXE-..066075									
		65	SLE-..027065		66	35	SLE-..066035		165	SXE-..027165	95				SXE-..066095					
		85	SLE-..027085		55	SLE-..066055	25		SXE-..036025	76	25				SXE-..076025	L	SM-M x L	L	SM-M x L	L
36	105	SLE-..027105	76	75	SLE-..066075	45	SXE-..036045	45	SXE-..076045	30	SM-10030	55	SM-12055	160	SM-12160					
		125		SLE-..027125	95	SLE-..066095	50	SXE-..036050	55	SXE-..076055	12	SM-12012	60	SM-12060	170	SM-12170				
		165		SLE-..027165	155	SLE-..066155	55	SXE-..036055	75	SXE-..076075	14	SM-12014	65	SM-12065	180	SM-12180				
	205	SLE-..027205	76	55	SLE-..076055	60	SXE-..036060	95	SXE-..076095	14	SM-12014	70	SM-12070	190	SM-12190					
		245		SLE-..027245	70	SXE-..036070	115	SXE-..076115	16	SM-12016	75	SM-12075	200	SM-12200						
		285		SLE-..027285	75	SXE-..036075	86	55	SXE-..086055	18	SM-12018	80	SM-12080	220	SM-12220					
	36	35	SLE-..036035	86	115	SLE-..076115	80	SXE-..036080	75	SXE-..086075	20	SM-12020	90	SM-12090	240	SM-12240				
		55	SLE-..036055		145	SLE-..076145	95	SXE-..036095	95	SXE-..086095	22	SM-12022	100	SM-12100	260	SM-12260				
		75	SLE-..036075		86	55	SLE-..086055	115	SXE-..036115	55	SXE-..096055	25	SM-12025	110	SM-12110	280	SM-12280			
		95	SLE-..036095		75	SLE-..086075	135	SXE-..036135	75	SXE-..096075	30	SM-12030	120	SM-12120	300	SM-12300				
		115	SLE-..036115		95	SLE-..086095	165	SXE-..036165	95	SXE-..096095	35	SM-12035	130	SM-12130	320	SM-12320				
		135	SLE-..036135		135	SLE-..086135	46	25	SXE-..046025	116	75	SXE-..116075	40	SM-12040	140	SM-12140	340	SM-12340		
46	165	SLE-..036165	96	55	SLE-..096055	45	SXE-..046045	115	SXE-..116115	45	SM-12045	150	SM-12150							
		205		SLE-..036205	75	SLE-..096075	50	SXE-..046050	155	SXE-..116155										
		245		SLE-..036245	95	SLE-..096095	60	SXE-..046060												
	285	SLE-..036285	116	125	SLE-..096125	65	SXE-..046065	136	135	SXE-..136135										
		35		SLE-..046035	116	75	SLE-..116075	70	SXE-..046070											
		45		SLE-..046045	115	SLE-..116115	80	SXE-..046080												
	46	65	SLE-..046065	136	155	SLE-..116155	85	SXE-..046085												
		85	SLE-..046085		95	SLE-..136095	105	SXE-..046105												
		105	SLE-..046105		135	SLE-..136135	125	SXE-..046125												

PS

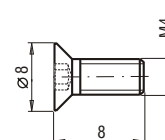
P0

**SM**


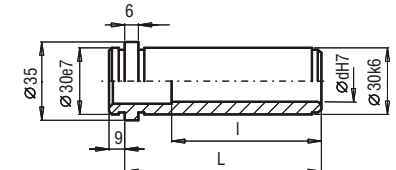
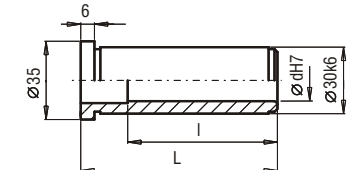
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30	SM-10030	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


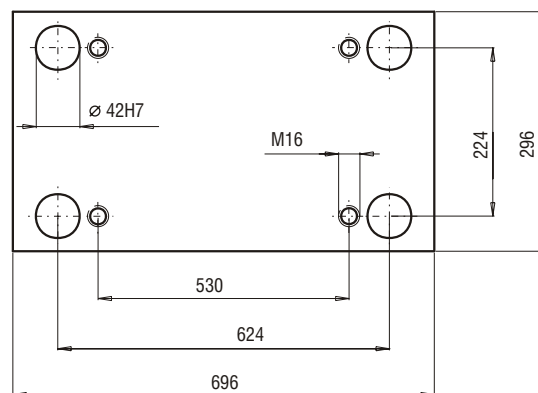
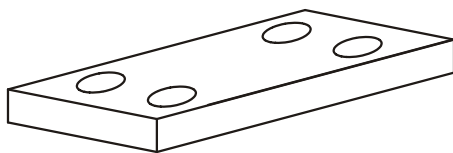
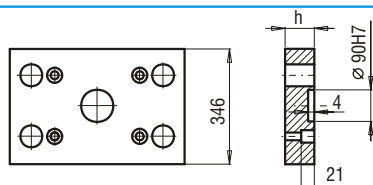
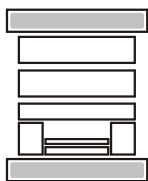
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 12	10.2x2	12.2x2.5	28
			P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE-..017	24/22	75	66	TPE-..066	24/22	17	17	TXE-..017	24/22	66	66	TXE-..066
	31	22	TPE-..022		85	76	TPE-..076		22	22	TXE-..022		76	76	TXE-..076
	36	27	TPE-..027		95	86	TPE-..086		27	27	TXE-..027		86	86	TXE-..086
	45	36	TPE-..036		96	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		96	116	TPE-..116		46	46	TXE-..046		96	116	TXE-..116
	65	56	TPE-..056		96	136	TPE-..136		56	56	TXE-..056		96	136	TXE-..136
					96	156	TPE-..156								

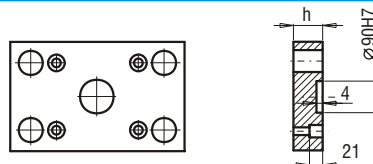
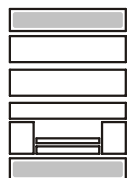
**48**

**PK 01**  
**PK 11**


PK 01/346x696x

h	FCPK-1	FCPK-2
36		
46		

PK 11/346x696x

h	FCPK-1	FCPK-2
36		
46		

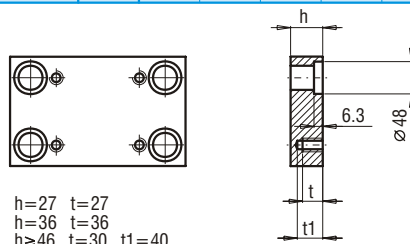
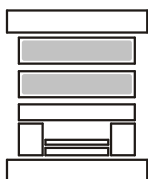
**PK 21**  
**PK 22**


PK 21/296x696x

h	FCPK-1	FCPK-2
27		
36		

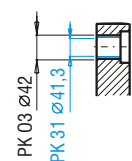
PK 22/296x696x

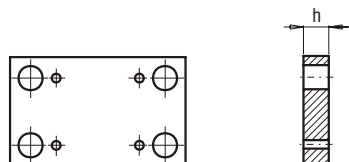
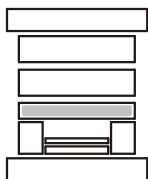
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/296x696x  
 PK 31/296x696x

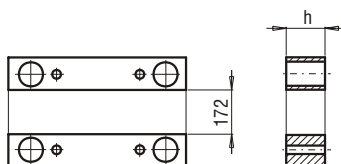
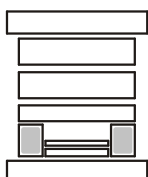
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


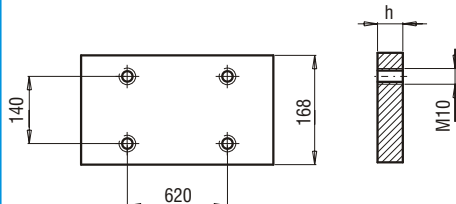
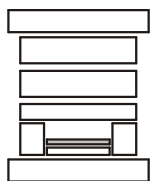
PK 04/296x696x

h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/62x696x

h	FCPK-1
76	
86	
96	
116	
136	

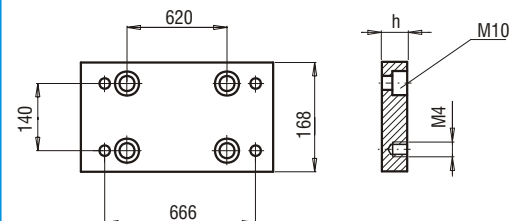
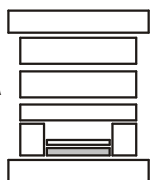
**PK 06**


PK 06/168x696x

h

FCPK-1

22

**PK 07A**


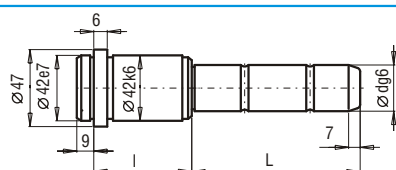
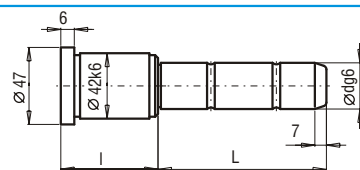
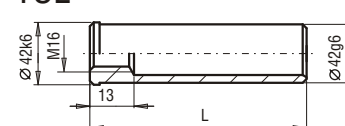
PK 07A/168x696x

h

FCPK-1

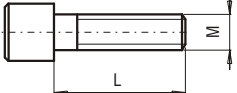
FCPK-2

27

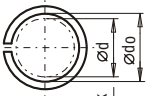
**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...		
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160		
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260		
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300	
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095						
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155						
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075				
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115														
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155													
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095	25	SM-10025	80	SM-16080	220	SM-16220							
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	155	SXE-..136155	20	SM-16020	90	SM-16090	230	SM-16230						
46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	22	SM-16022	100	SM-16100	240	SM-16240
		65	SLE-..046065			155	SLE-..086155			155	SXE-..156115			25	SM-16025	110	SM-16110	250	SM-16250		
		85	SLE-..046085			225	SLE-..086225			155	SXE-..156155			30	SM-16030	120	SM-16120	260	SM-16260		
		105	SLE-..046105			96	55			SLE-..096055	95			SXE-..056095	35	SM-16035	130	SM-16130	280	SM-16280	
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			40	SM-16040	140	SM-16140	300	SM-16300		
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135			45	SM-16045	150	SM-16150	320	SM-16320		
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175			50	SM-16050	160	SM-16160	340	SM-16340		
		285	SLE-..046285			155	SLE-..096155			66	55			SXE-..066055	55	SM-16055	170	SM-16170	360	SM-16360	
		56	55			SLE-..056055	205			SLE-..096205	75			SXE-..066075	60	SM-16060	180	SM-16180	380	SM-16380	
		75	SLE-..056075			116	75			SLE-..116075	95			SXE-..066095	65	SM-16065	190	SM-16190	400	SM-16400	
95	SLE-..056095	115	SLE-..116115	115	SXE-..066115	70	SM-16070	200	SM-16200	420	SM-16420										
115	SLE-..056115	155	SLE-..116155	135	SXE-..066135	75	SM-16075	210	SM-16210												
135	SLE-..056135	136	95	SLE-..136095	175	SXE-..066175															
175	SLE-..056175	115	SLE-..136115	76	55	SXE-..076055															
245	SLE-..056245	155	SLE-..136155	75	SXE-..076075																
295	SLE-..056295	156	115	SLE-..156115	95	SXE-..076095															
66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055						
		75	SLE-..066075			75	SLE-..066075			75	SLE-..066075										
		95	SLE-..066095			95	SLE-..066095			95	SLE-..066095										
		115	SLE-..066115			115	SLE-..066115			115	SLE-..066115										

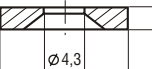
SM

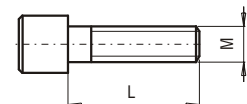
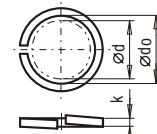
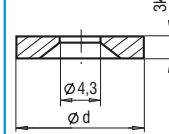


PS

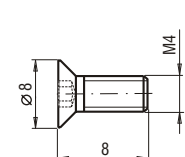


PO

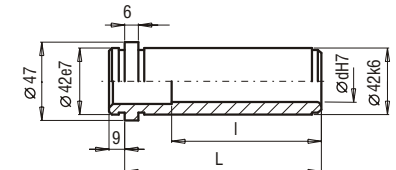
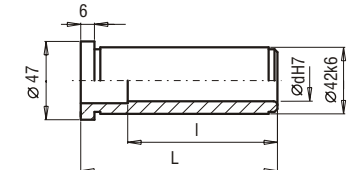


**SM**

**PS**

**P0**


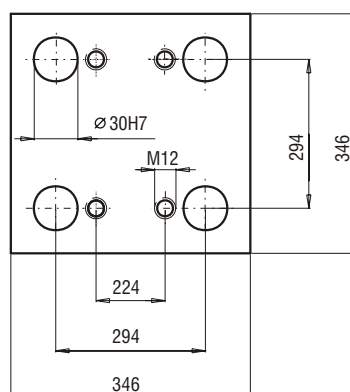
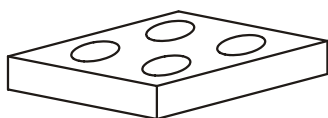
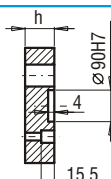
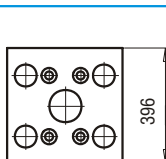
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

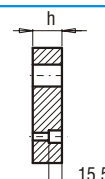
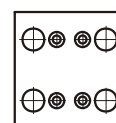
**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**25**

**PK 01**  
**PK 11**


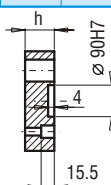
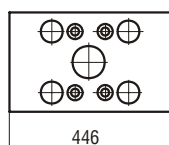
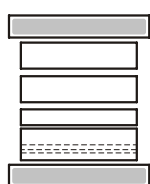
PK 01/396x346x

h	FCPK-1	FCPK-2
27		
36		



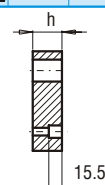
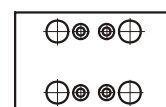
PK 11/396x346x

h	FCPK-1	FCPK-2
27		
36		

**PK 02**  
**PK 12**


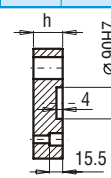
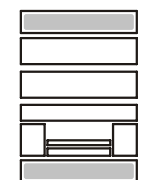
PK 02/346x446x

h	FCPK-1	FCPK-2
27		
36		



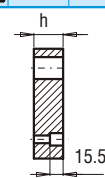
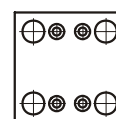
PK 12/346x446x

h	FCPK-1	FCPK-2
27		
36		

**PK 21**  
**PK 22**


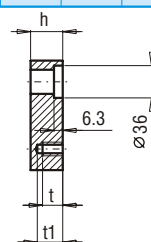
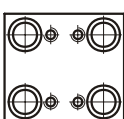
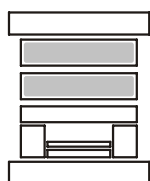
PK 21/346x346x

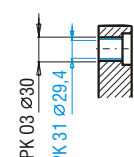
h	FCPK-1	FCPK-2
22		
27		



PK 22/346x346x

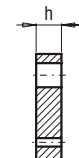
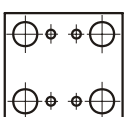
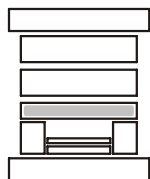
h	FCPK-1	FCPK-2
22		
27		

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h≥36 t=24 t1=31

 PK 03/346x346x  
 PK 31/346x346x


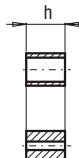
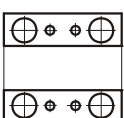
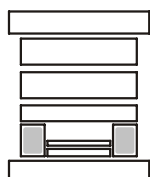
h	FCPK-1	FCPK-2	FCPK-3	*	*
22					
27					
36					
46					
56					
66					
76					
86					
96					
116					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


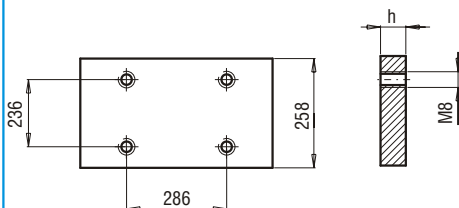
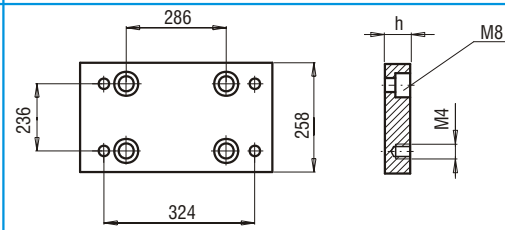
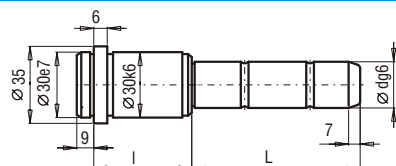
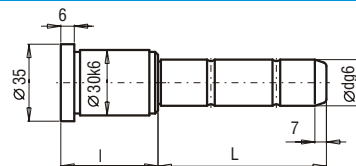
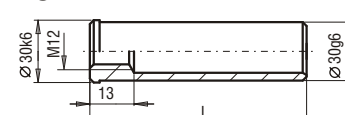
PK 04/346x346x

h	FCPK-1	FCPK-2
36		
46		

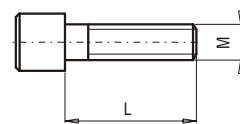
**PK 05**


PK 05/43x346x

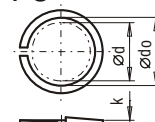
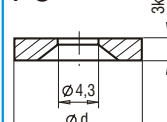
h	FCPK-1
56	
76	
96	

**PK 06**

**PK 06/258x346x**
**h**
**FCPK-1**
**17**
**PK 07A**

**PK 07A/258x346x**
**h**
**FCPK-1**
**FCPK-2**
**22**
**SLE**

**SXE**

**TUE**


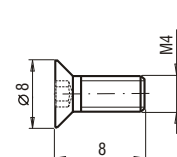
d	l	L	SLE-24/22 ...	d	l	L	SLE-24/22 ...	d	l	L	SXE-24/22 ...	d	l	L	SXE-24/22 ...	L	TUE-30...	L	TUE-30...																																																																																																																																																																																																																																																																																																																																																																																																				
24/22	17	35	SLE...017035	24/22	46	125	SLE...046125	24/22	27	25	SXE...027025	24/22	46	165	SXE...046165	40	TUE-30040	140	TUE-30140																																																																																																																																																																																																																																																																																																																																																																																																				
		55	SLE...017055			165	SLE...046165			45	SXE...027045			56	25	SXE...056025	60	TUE-30060	160	TUE-30160																																																																																																																																																																																																																																																																																																																																																																																																			
		75	SLE...017075			205	SLE...046205			45	SXE...056045			80	TUE-30080	180	TUE-30180																																																																																																																																																																																																																																																																																																																																																																																																						
	22	35	SLE...022035	56	35	SLE...056035	60	SXE...027060	55	SXE...056055	100	TUE-30100	200	TUE-30200																																																																																																																																																																																																																																																																																																																																																																																																									
		55	SLE...022055		55	SLE...056055		75		SXE...056075	120	TUE-30120	240	TUE-30240																																																																																																																																																																																																																																																																																																																																																																																																									
		75	SLE...022075		70	SXE...027070		95		SXE...056095																																																																																																																																																																																																																																																																																																																																																																																																													
	105	SLE...022105	95	SLE...056095	80	SXE...027080	115	SXE...056115	165	SXE...056165	66	55	SXE...066055	75	SXE...066075	95	SXE...066095	76	25	SXE...076025	45	SXE...076045	55	SXE...076055	75	SXE...076075	95	SXE...076095	115	SXE...076115	86	55	SXE...086055	75	SXE...086075	95	SXE...086095	96	55	SXE...096055	75	SXE...096075	95	SXE...096095	116	75	SXE...116075	115	SXE...116115	155	SXE...116155	136	135	SXE...136135																																																																																																																																																																																																																																																																																																																																																																	
		130		SLE...022130		115		SLE...056115		85		SXE...027085	105		SXE...027105		125		SXE...027125	165		SXE...027165		25		SXE...036025		45		SXE...036045		50	SXE...036050		55		SXE...036055		60	SXE...036060		70		SXE...036070		75	SXE...036075		80		SXE...036080		95	SXE...036095	115	SXE...036115	135	SXE...036135	165	SXE...036165	46	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																																																																																																						
		27		35		SLE...027035		165		SLE...056165		105	SXE...027105		125		SXE...027125		165	SXE...027165		25		SXE...036025		45		SXE...036045		50		SXE...036050	55		SXE...036055		60		SXE...036060	70		SXE...036070		75		SXE...036075	80		SXE...036080		95		SXE...036095	115	SXE...036115	135	SXE...036135	165	SXE...036165	46	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																																																																																																							
	45	SLE...027045	205	SLE...056205	125	SXE...027125	165	SXE...027165	25	SXE...036025	45	SXE...036045	50	SXE...036050	55	SXE...036055	60	SXE...036060	70	SXE...036070	75	SXE...036075	80	SXE...036080	95	SXE...036095	115	SXE...036115	135	SXE...036135	165	SXE...036165	46	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																																																																																																																																		
	65	SLE...027065	35	SLE...066035	165	SXE...027165	25	SXE...036025	45	SXE...036045	50	SXE...036050	55	SXE...036055	60	SXE...036060	70	SXE...036070	75	SXE...036075	80	SXE...036080	95	SXE...036095	115	SXE...036115	135	SXE...036135	165	SXE...036165	46	25	SXE...046025	45	SXE...046045	50	SXE...046050	60	SXE...046060	65	SXE...046065	70	SXE...046070	80	SXE...046080	85	SXE...046085	105	SXE...046105	125	SXE...046125																																																																																																																																																																																																																																																																																																																																																																				
	85	SLE...027085	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55	SLE...066055	55

**SM**


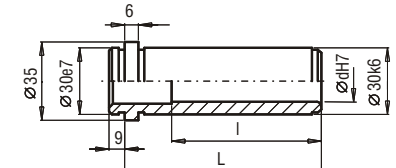
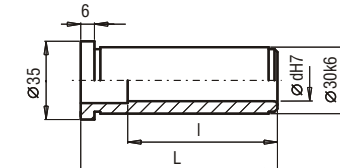
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-08025	55	SM-12055	160	SM-12160
12	SM-12012	60	SM-12060	170	SM-12170
14	SM-12014	65	SM-12065	180	SM-12180
16	SM-12016	70	SM-12070	190	SM-12190
18	SM-12018	75	SM-12075	200	SM-12200
20	SM-12020	80	SM-12080	220	SM-12220
22	SM-12022	90	SM-12090	240	SM-12240
25	SM-12025	100	SM-12100	260	SM-12260
30	SM-12030	110	SM-12110	280	SM-12280
35	SM-12035	120	SM-12120	300	SM-12300
40	SM-12040	130	SM-12130	320	SM-12320
45	SM-12045	140	SM-12140	340	SM-12340
50	SM-12050	150	SM-12150		

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
8	12	8.2x1.6	12.2x2.5
18			P0-1803

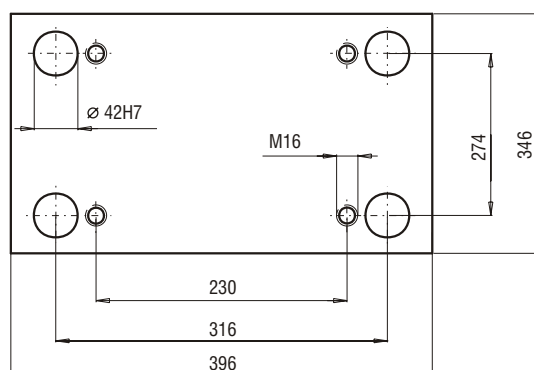
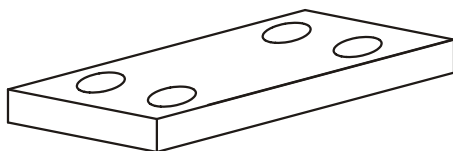
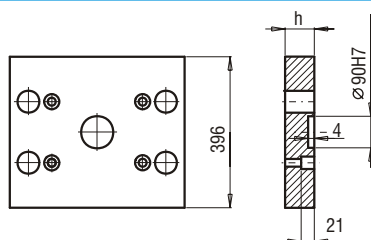
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-24/22 ...	d	l	L	TPE-24/22 ...	d	l	L	TXE-24/22 ...	d	l	L	TXE-24/22 ...
24/22	26	17	TPE...017	24/22	75	66	TPE...066	24/22	17	17	TXE...017	24/22	66	66	TXE...066
	31	22	TPE...022		85	76	TPE...076		22	22	TXE...022		76	76	TXE...076
	36	27	TPE...027		95	86	TPE...086		27	27	TXE...027		86	86	TXE...086
	45	36	TPE...036		96	96	TPE...096		36	36	TXE...036		96	96	TXE...096
	55	46	TPE...046		96	116	TPE...116		46	46	TXE...046		96	116	TXE...116
	65	56	TPE...056		96	136	TPE...136		56	56	TXE...056		96	136	TXE...136
					96	156	TPE...156								



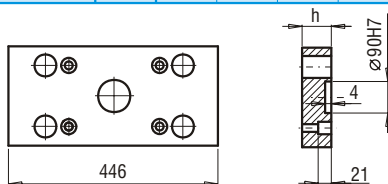
**26**

**PK 01**  
**PK 11**


PK 01/396x396x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 11/396x396x

h	FCPK-1	FCPK-2
27		
36		
46		

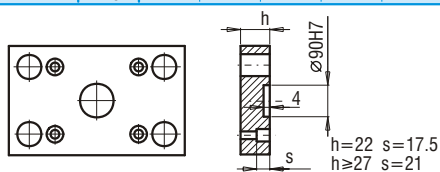
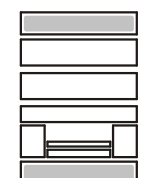
**PK 02**  
**PK 12**


PK 02/346x446x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 12/346x446x

h	FCPK-1	FCPK-2
27		
36		
46		

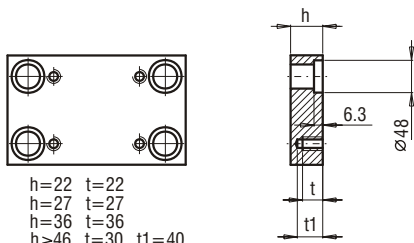
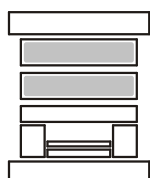
**PK 21**  
**PK 22**


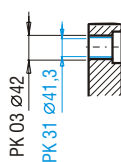
PK 21/346x396x

h	FCPK-1	FCPK-2
22		
27		
36		

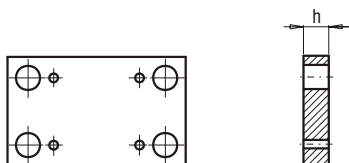
PK 22/346x396x

h	FCPK-1	FCPK-2
22		
27		
36		

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

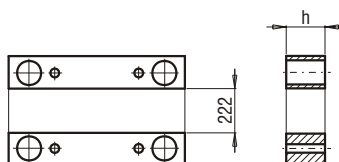
 PK 03/346x396x  
 PK 31/346x396x


h	FCPK-1	FCPK-2	FCPK-3	*	*
22					
27					
36					
46					
56					
66					
76					
86					
96					
116					

**PK 04**

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

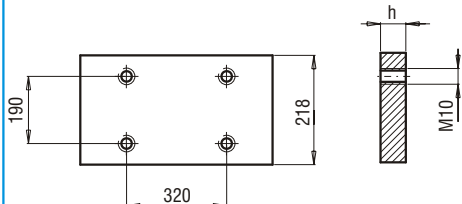
PK 04/346x396x

h	FCPK-1	FCPK-2
27		
36		
46		

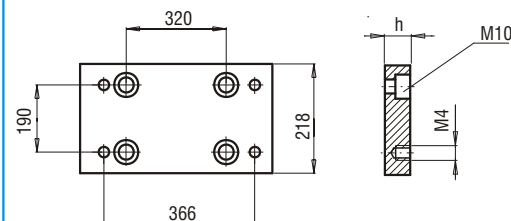
**PK 05**


PK 05/62x396x

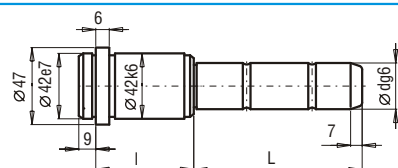
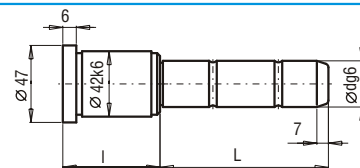
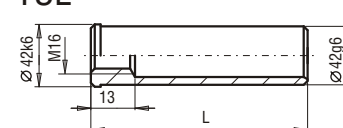
h	FCPK-1
56	
66	
76	
86	
96	
116	

**PK 06**


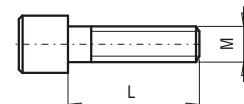
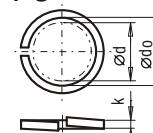
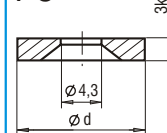
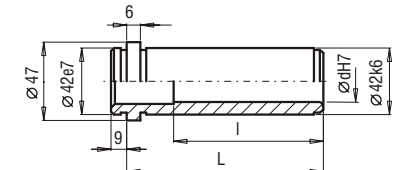
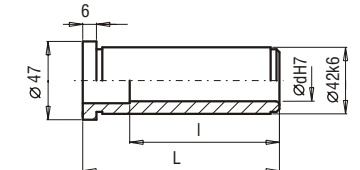
PK 06/218x396x	h	FCPK-1			
	17				

**PK 07A**


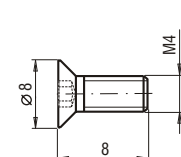
PK 07A/218x396x	h	FCPK-1	FCPK-2		
	22				

**SLE**

**SXE**

**TUE**


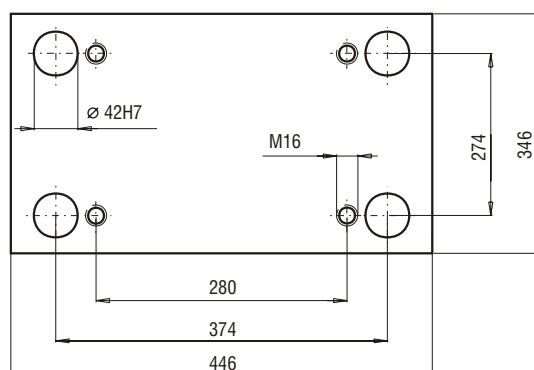
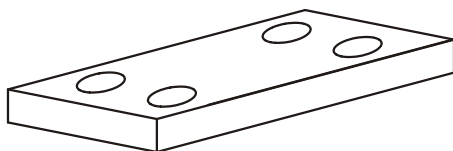
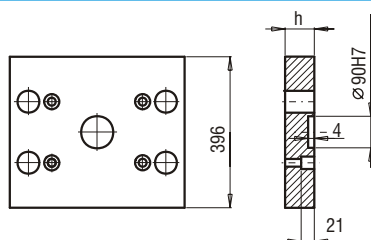
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156115	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

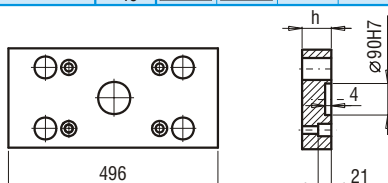
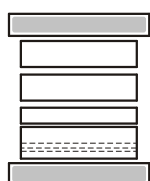
**27**

**PK 01**  
**PK 11**


PK 01/396x446x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 11/396x446x

h	FCPK-1	FCPK-2
27		
36		
46		

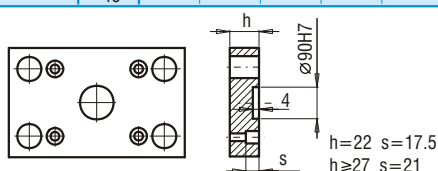
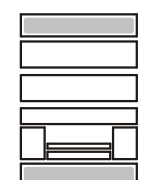
**PK 02**  
**PK 12**


PK 02/346x496x

h	FCPK-1	FCPK-2	FCPK-3
27			
36			
46			

PK 12/346x496x

h	FCPK-1	FCPK-2	FCPK-3
27			
36			
46			

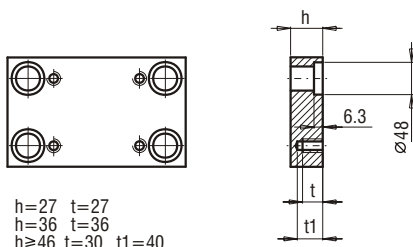
**PK 21**  
**PK 22**


PK 21/346x446x

h	FCPK-1	FCPK-2
22		
27		
36		

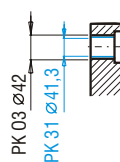
PK 22/346x446x

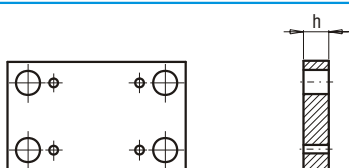
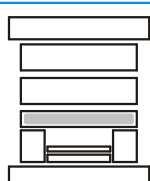
h	FCPK-1	FCPK-2
22		
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/346x446x  
 PK 31/346x446x

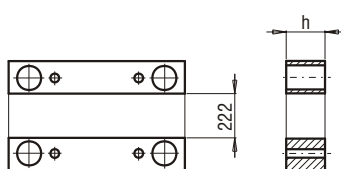
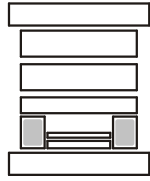
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


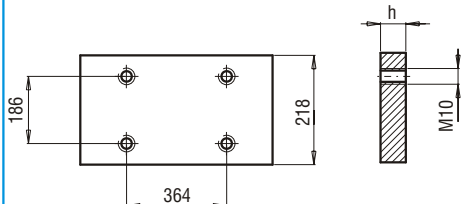
PK 04/346x446x

h	FCPK-1	FCPK-2
27		
36		
46		

**PK 05**


PK 05/62x446x

h	FCPK-1
56	
66	
76	
86	
96	
116	

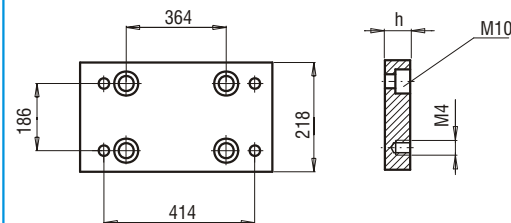
**PK 06**


PK 06/218x446x

h

FCPK-1

17

**PK 07A**


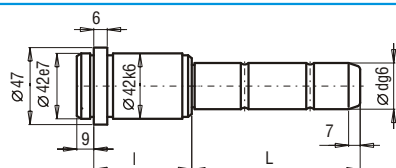
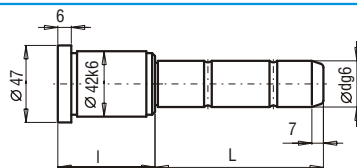
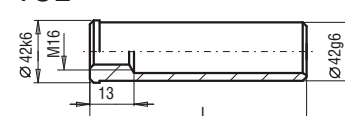
PK 07A/218x446x

h

FCPK-1

FCPK-2

22

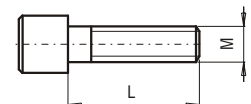
**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...
32/30	27	45	SLE-..027045
		65	SLE-..027065
		105	SLE-..027105
		165	SLE-..027165
		185	SLE-..027185
		245	SLE-..027245
		285	SLE-..027285
	36	55	SLE-..036055
		75	SLE-..036075
		95	SLE-..036095
		115	SLE-..036115
		155	SLE-..036155
		245	SLE-..036245
		285	SLE-..036285
	46	45	SLE-..046045
		65	SLE-..046065
		85	SLE-..046085
		105	SLE-..046105
		125	SLE-..046125
		165	SLE-..046165
		245	SLE-..046245
		285	SLE-..046285
	56	55	SLE-..056055
		75	SLE-..056075
		95	SLE-..056095
		115	SLE-..056115
		135	SLE-..056135
		175	SLE-..056175
		245	SLE-..056245
		295	SLE-..056295
	66	55	SLE-..066055
		75	SLE-..066075
		95	SLE-..066095

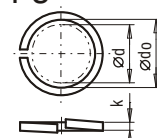
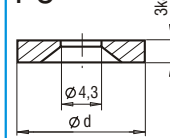
d	l	L	SLE-32/30 ...
32/30	66	115	SLE-..066115
		135	SLE-..066135
		175	SLE-..066175
		245	SLE-..066245
		295	SLE-..066295
	76	55	SLE-..076055
		75	SLE-..076075
		95	SLE-..076095
		115	SLE-..076115
		155	SLE-..076155
		225	SLE-..076225
	86	55	SLE-..086055
		75	SLE-..086075
		95	SLE-..086095
		115	SLE-..086115
		155	SLE-..086155
		225	SLE-..086225
	96	55	SLE-..096055
		75	SLE-..096075
		95	SLE-..096095
		115	SLE-..096115
		155	SLE-..096155
		205	SLE-..096205
	116	75	SLE-..116075
		115	SLE-..116115
		155	SLE-..116155
	136	95	SLE-..136095
		115	SLE-..136115
		155	SLE-..136155
	156	115	SLE-..156115
		155	SLE-..156155
	196	155	SLE-..196155
		195	SLE-..196195

d	l	L	SXE-32/30 ...
32/30	27	45	SXE-..027045
		65	SXE-..027065
		105	SXE-..027105
		165	SXE-..027165
	36	55	SXE-..036055
		75	SXE-..036075
		95	SXE-..036095
		115	SXE-..036115
		155	SXE-..036155
	46	45	SXE-..046045
		65	SXE-..046065
		85	SXE-..046085
		105	SXE-..046105
		125	SXE-..046125
		165	SXE-..046165
	56	55	SXE-..056055
		75	SXE-..056075
		95	SXE-..056095
		115	SXE-..056115
		135	SXE-..056135
		175	SXE-..056175
	66	55	SXE-..066055
		75	SXE-..066075
		95	SXE-..066095
		115	SXE-..066115
		135	SXE-..066135
		175	SXE-..066175
	76	55	SXE-..076055
		75	SXE-..076075
		95	SXE-..076095
		115	SXE-..076115
		155	SXE-..076155
	86	55	SXE-..086055

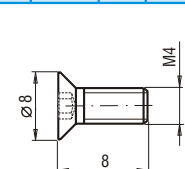
d	l	L	SXE-32/30 ...
32/30	86	75	SXE-..086075
		95	SXE-..086095
		115	SXE-..086115
		155	SXE-..086155
	96	55	SXE-..096055
		75	SXE-..096075
		95	SXE-..096095
		115	SXE-..096115
		155	SXE-..096155
	116	75	SXE-..116075
		115	SXE-..116115
		155	SXE-..116155
	136	95	SXE-..136095
		115	SXE-..136115
		155	SXE-..136155
	156	115	SXE-..156115
		155	SXE-..156155
	196	155	SXE-..196155
		195	SXE-..196195

**SM**


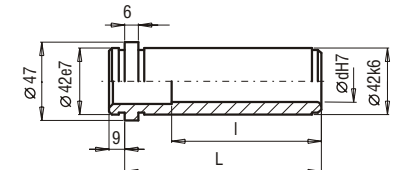
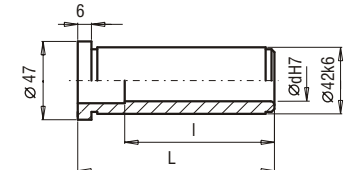
L	SM-M x L	L	SM-M x L	L	SM-M x L
40	SM-10025	80	SM-16080	220	SM-16220
60	SM-16020	90	SM-16090	230	SM-16230
80	SM-16022	100	SM-16100	240	SM-16240
100	SM-16025	110	SM-16110	250	SM-16250
120	SM-16030	120	SM-16120	260	SM-16260
130	SM-16035	130	SM-16130	280	SM-16280
140	SM-16040	140	SM-16140	300	SM-16300
150	SM-16045	150	SM-16150	320	SM-16320
160	SM-16050	160	SM-16160	340	SM-16340
170	SM-16055	170	SM-16170	360	SM-16360
180	SM-16060	180	SM-16180	380	SM-16380
190	SM-16065	190	SM-16190	400	SM-16400
200	SM-16070	200	SM-16200	420	SM-16420
210	SM-16075	210	SM-16210		

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10	16	10.2x2	16.3x3.2
28			P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

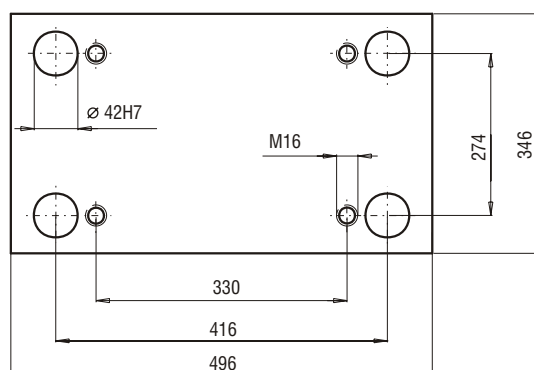
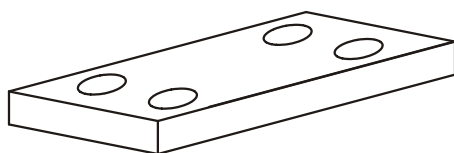
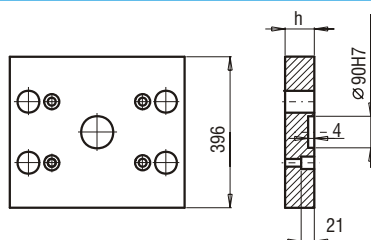
**TPE**

**TXE**


d	l	L	TPE-32/30 ...
32/30	36	27	TPE-..027
	45	36	TPE-..036
	55	46	TPE-..046
	65	56	TPE-..056
	75	66	TPE-..066
	85	76	TPE-..076

d	l	L	TPE-32/30 ...
32/30	95	86	TPE-..086
	105	96	TPE-..096
	116	116	TPE-..116
	116	136	TPE-..136
	116	156	TPE-..156
	116	196	TPE-..196

d	l	L	TXE-32/30 ...
32/30	27	27	TXE-..027
	36	36	TXE-..036
	46	46	TXE-..046
	56	56	TXE-..056
	66	66	TXE-..066
	76	76	TXE-..076

d	l	L	TXE-32/30 ...
32/30	86	86	TXE-..086
	96	96	TXE-..096
	116	116	TXE-..116
	116	136	TXE-..136
	116	156	TXE-..156

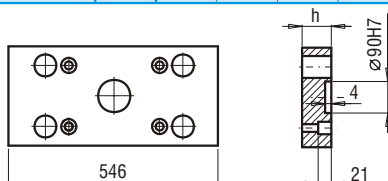
**28**

**PK 01**  
**PK 11**


PK 01/396x496x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 11/396x496x

h	FCPK-1	FCPK-2
27		
36		
46		

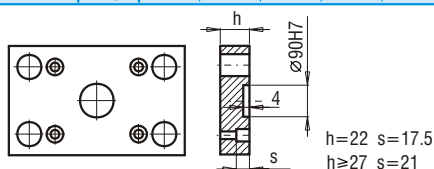
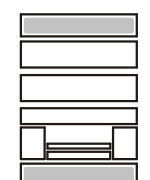
**PK 02**  
**PK 12**


PK 02/346x546x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 12/346x546x

h	FCPK-1	FCPK-2
27		
36		
46		

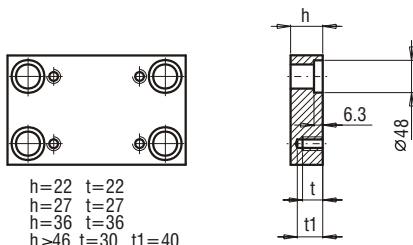
**PK 21**  
**PK 22**


PK 21/346x496x

h	FCPK-1	FCPK-2
22		
27		
36		

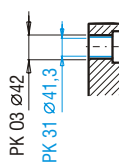
PK 22/346x496x

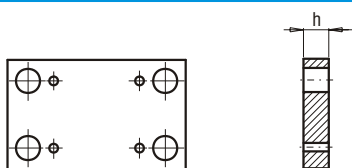
h	FCPK-1	FCPK-2
22		
27		
36		

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/346x496x  
 PK 31/346x496x

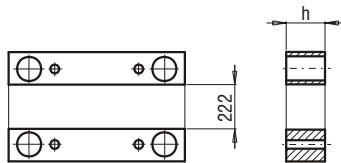
h	FCPK-1	FCPK-2	FCPK-3	*	*
22					
27					
36					
46					
56					
66					
76					
86					
96					
116					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


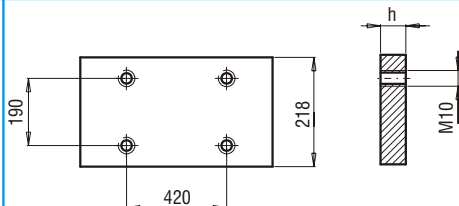
PK 04/346x496x

h	FCPK-1	FCPK-2
36		
46		

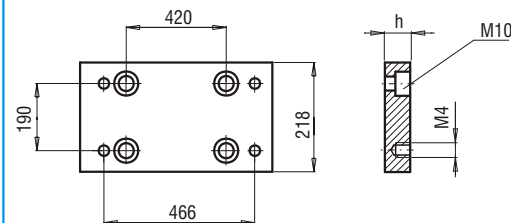
**PK 05**


PK 05/62x496x

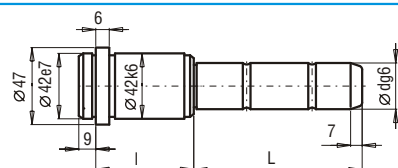
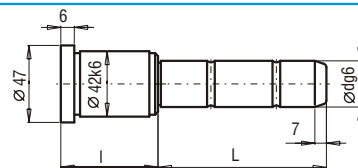
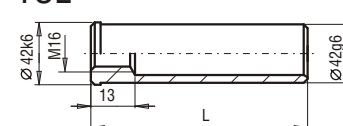
h	FCPK-1
56	
66	
76	
86	
96	
116	
136	

**PK 06**


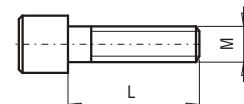
PK 06/218x496x	h	FCPK-1			
	17				

**PK 07A**


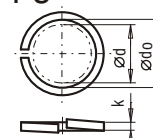
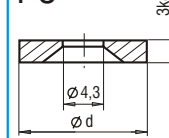
PK 07A/218x496x	h	FCPK-1	FCPK-2		
	22				

**SLE**

**SXE**

**TUE**


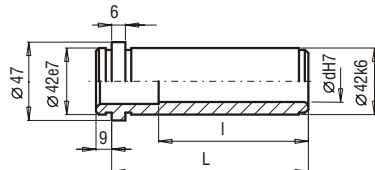
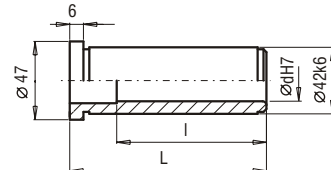
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			156	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**


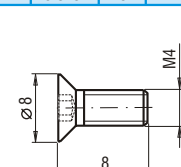
L	SM-M x L	L	SM-M x L	L	SM-M x L
115	SM-10025	80	SM-16080	220	SM-16220
155	SM-16020	90	SM-16090	230	SM-16230
155	SM-16022	100	SM-16100	240	SM-16240
155	SM-16025	110	SM-16110	250	SM-16250
155	SM-16030	120	SM-16120	260	SM-16260
155	SM-16035	130	SM-16130	280	SM-16280
155	SM-16040	140	SM-16140	300	SM-16300
155	SM-16045	150	SM-16150	320	SM-16320
155	SM-16050	160	SM-16160	340	SM-16340
155	SM-16055	170	SM-16170	360	SM-16360
155	SM-16060	180	SM-16180	380	SM-16380
155	SM-16065	190	SM-16190	400	SM-16400
155	SM-16070	200	SM-16200	420	SM-16420
155	SM-16075	210	SM-16210		

**PS**

**P0**


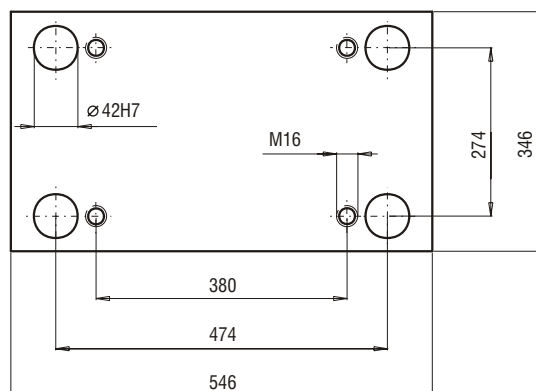
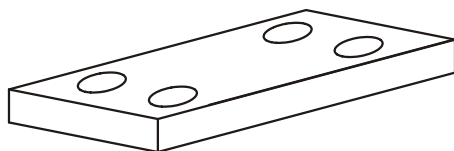
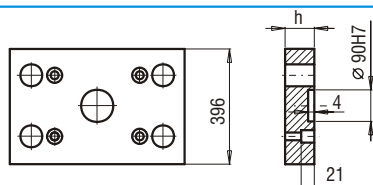
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

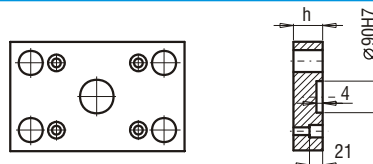
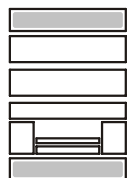
**29**

**PK 01**  
**PK 11**


PK 01/396x546x

h	FCPK-1	FCPK-2
36		
46		

PK 11/396x546x

h	FCPK-1	FCPK-2
36		
46		

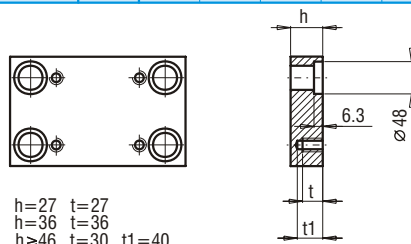
**PK 21**  
**PK 22**


PK 21/346x546x

h	FCPK-1	FCPK-2
27		
36		

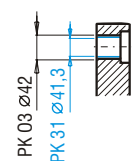
PK 22/346x546x

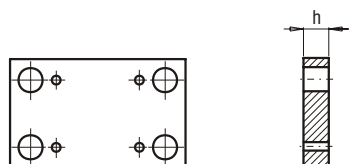
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/346x546x  
 PK 31/346x546x

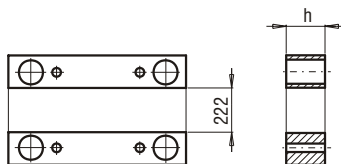
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/346x546x

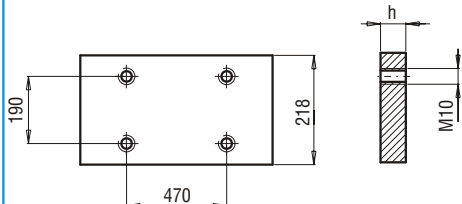
h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/62x546x

h	FCPK-1
66	
76	
86	
96	
116	
136	



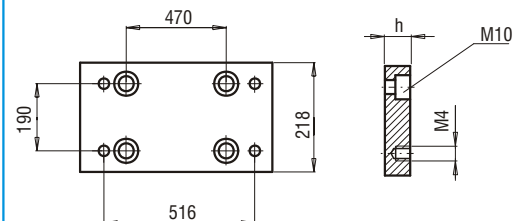
**PK 06**


PK 06/218x546x

h

FCPK-1

22

**PK 07A**


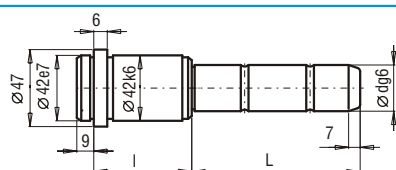
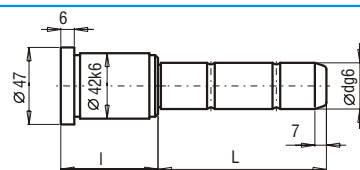
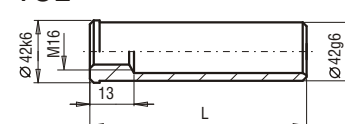
PK 07A/218x546x

h

FCPK-1

FCPK-2

27

**SLE**

**SXE**

**TUE**


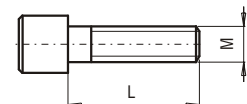
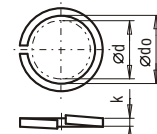
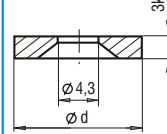
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...		
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160		
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			36	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260		
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300	
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095						
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155						
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	75	SXE-..116075					
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115														
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155													
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095	L	SM-M x L	L	SM-M x L	L	SM-M x L								
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	25	SM-10025	80	SM-16080	220	SM-16220								
46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	20	SM-16020	90	SM-16090	230	SM-16230
		65	SLE-..046065			65	SLE-..046065			155	SXE-..136155			22	SM-16022	100	SM-16100	240	SM-16240		
		85	SLE-..046085			85	SLE-..046085			155	SXE-..156115			25	SM-16025	110	SM-16110	250	SM-16250		
		105	SLE-..046105			105	SLE-..046105			196	155			SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260	
		125	SLE-..046125			125	SLE-..046125			195	SXE-..196195			35	SM-16035	130	SM-16130	280	SM-16280		
		165	SLE-..046165			165	SLE-..046165							40	SM-16040	140	SM-16140	300	SM-16300		
		245	SLE-..046245			245	SLE-..046245							45	SM-16045	150	SM-16150	320	SM-16320		
		285	SLE-..046285			285	SLE-..046285							50	SM-16050	160	SM-16160	340	SM-16340		
		56	55			SLE-..056055	56			55	SLE-..056055					55	SM-16055	170	SM-16170	360	SM-16360
		75	SLE-..056075			75	SLE-..056075							60	SM-16060	180	SM-16180	380	SM-16380		
95	SLE-..056095	95	SLE-..056095			65	SM-16065	190	SM-16190	400	SM-16400										
115	SLE-..056115	115	SLE-..056115			70	SM-16070	200	SM-16200	420	SM-16420										
135	SLE-..056135	135	SLE-..056135			75	SM-16075	210	SM-16210												
175	SLE-..056175	175	SLE-..056175																		
245	SLE-..056245	245	SLE-..056245																		
295	SLE-..056295	295	SLE-..056295																		
66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055						
		75	SLE-..066075			75	SLE-..066075			95	SXE-..076095										
		115	SLE-..066115			115	SLE-..066115			115	SXE-..076115										
		155	SLE-..066155			155	SLE-..066155			155	SXE-..076155										
195	SLE-..066195	195	SLE-..066195																		

SM

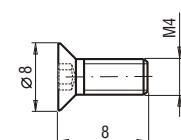
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	80	SM-16080	220	SM-16220
20	SM-16020	90	SM-16090	230	SM-16230
22	SM-16022	100	SM-16100	240	SM-16240
25	SM-16025	110	SM-16110	250	SM-16250
30	SM-16030	120	SM-16120	260	SM-16260
35	SM-16035	130	SM-16130	280	SM-16280
40	SM-16040	140	SM-16140	300	SM-16300
45	SM-16045	150	SM-16150	320	SM-16320
50	SM-16050	160	SM-16160	340	SM-16340
55	SM-16055	170	SM-16170	360	SM-16360
60	SM-16060	180	SM-16180	380	SM-16380
65	SM-16065	190	SM-16190	400	SM-16400
70	SM-16070	200	SM-16200	420	SM-16420
75	SM-16075	210	SM-16210		

PS

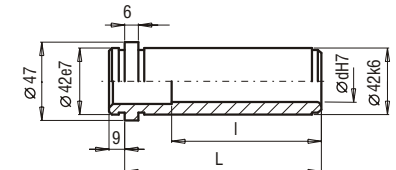
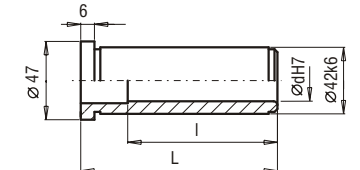
PO

**SM**

**PS**

**P0**


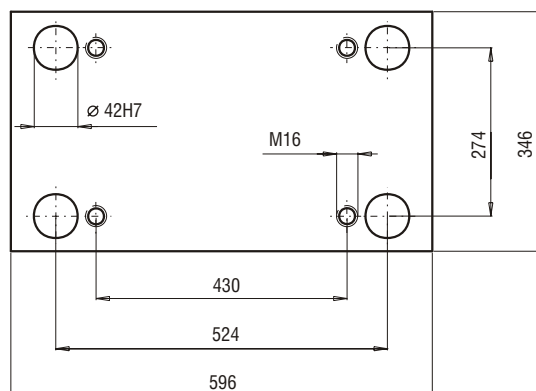
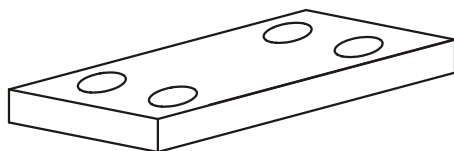
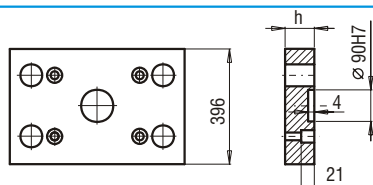
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

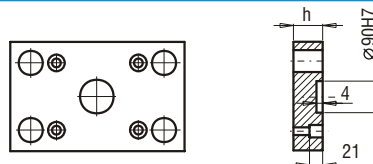
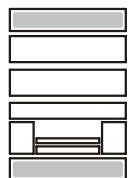
**30**

**PK 01**  
**PK 11**


PK 01/396x596x

h	FCPK-1	FCPK-2
36		
46		

PK 11/396x596x

h	FCPK-1	FCPK-2
36		
46		

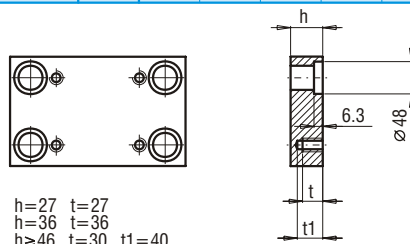
**PK 21**  
**PK 22**


PK 21/346x596x

h	FCPK-1	FCPK-2
27		
36		

PK 22/346x596x

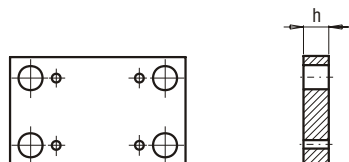
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/346x596x  
 PK 31/346x596x

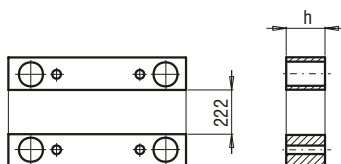
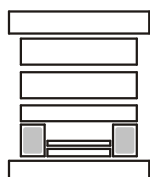
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


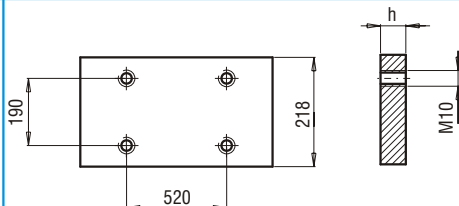
PK 04/346x596x

h	FCPK-1	FCPK-2
36		
46		

**PK 05**


PK 05/62x596x

h	FCPK-1
66	
76	
86	
96	
116	
136	

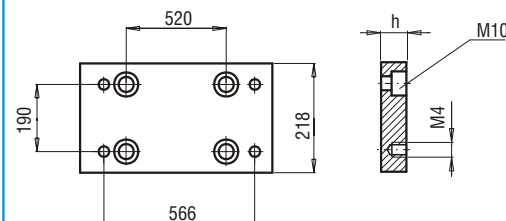
**PK 06**


PK 06/218x596x

h

FCPK-1

22

**PK 07A**


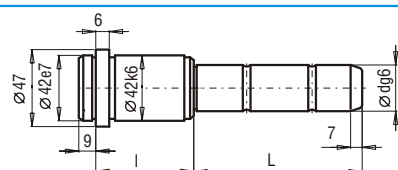
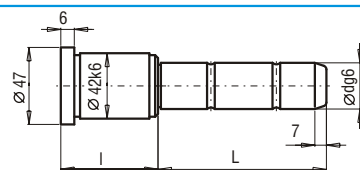
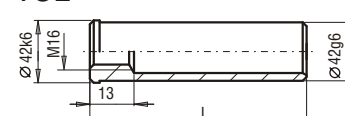
PK 07A/218x596x

h

FCPK-1

FCPK-2

27

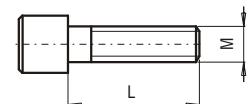
**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...		
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160		
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260		
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300	
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095						
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155						
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075				
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115														
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155													
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095	25	SM-10025	80	SM-16080	220	SM-16220							
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	155	SXE-..136155	20	SM-16020	90	SM-16090	230	SM-16230						
46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	22	SM-16022	100	SM-16100	240	SM-16240
		65	SLE-..046065			155	SLE-..086155			155	SXE-..156115			22	SM-16022	110	SM-16110	250	SM-16250		
		85	SLE-..046085			225	SLE-..086225			155	SXE-..156155			25	SM-16025	120	SM-16120	260	SM-16260		
		105	SLE-..046105			96	55			SLE-..096055	95			SXE-..056095	30	SM-16030	130	SM-16130	280	SM-16280	
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			35	SM-16035	140	SM-16140	300	SM-16300		
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135			40	SM-16040	150	SM-16150	320	SM-16320		
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175			45	SM-16045	160	SM-16160	340	SM-16340		
		285	SLE-..046285			155	SLE-..096155			66	55			SXE-..066055	50	SM-16050	170	SM-16170	360	SM-16360	
		56	55			SLE-..056055	205			SLE-..096205	75			SXE-..066075	55	SM-16055	180	SM-16180	380	SM-16380	
		75	SLE-..056075			116	75			SLE-..116075	95			SXE-..066095	60	SM-16060	190	SM-16190	400	SM-16400	
95	SLE-..056095	115	SLE-..116115	115	SXE-..066115	65	SM-16065	200	SM-16200	420	SM-16420										
115	SLE-..056115	155	SLE-..116155	135	SXE-..066135	70	SM-16070	210	SM-16210												
135	SLE-..056135	136	95	SLE-..136095	175	SXE-..066175	75	SM-16075													
175	SLE-..056175	115	SLE-..136115	76	55	SXE-..076055															
245	SLE-..056245	155	SLE-..136155	75	SXE-..076075																
295	SLE-..056295	156	115	SLE-..156115	95	SXE-..076095															
66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055						
		75	SLE-..066075			75	SLE-..066075			75	SLE-..066075										
		95	SLE-..066095			95	SLE-..066095			95	SLE-..066095										
		115	SLE-..066115			115	SLE-..066115			115	SLE-..066115										

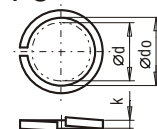
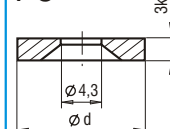
SM

PS

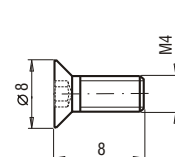
PO

**SM**


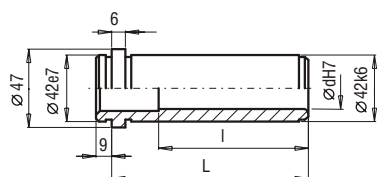
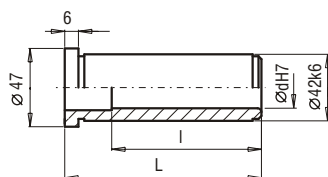
L	SM-M x L	L	SM-M x L	L	SM-M x L
115	SM-10025	80	SM-16080	220	SM-16220
155	SM-16020	90	SM-16090	230	SM-16230
155	SM-16022	100	SM-16100	240	SM-16240
155	SM-16025	110	SM-16110	250	SM-16250
155	SM-16030	120	SM-16120	260	SM-16260
155	SM-16035	130	SM-16130	280	SM-16280
155	SM-16040	140	SM-16140	300	SM-16300
155	SM-16045	150	SM-16150	320	SM-16320
155	SM-16050	160	SM-16160	340	SM-16340
155	SM-16055	170	SM-16170	360	SM-16360
155	SM-16060	180	SM-16180	380	SM-16380
155	SM-16065	190	SM-16190	400	SM-16400
155	SM-16070	200	SM-16200	420	SM-16420
155	SM-16075	210	SM-16210		

**PS**

**P0**


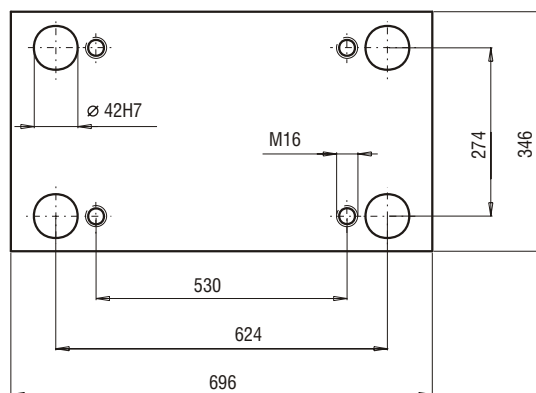
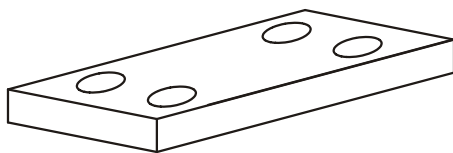
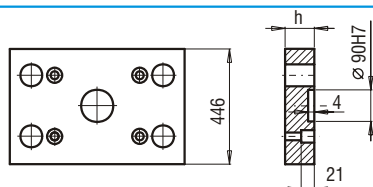
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

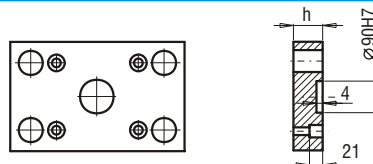
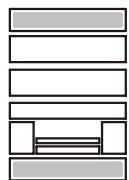
**49**

**PK 01**  
**PK 11**


PK 01/446x696x

h	FCPK-1	FCPK-2
36		
46		

PK 11/446x696x

h	FCPK-1	FCPK-2
36		
46		

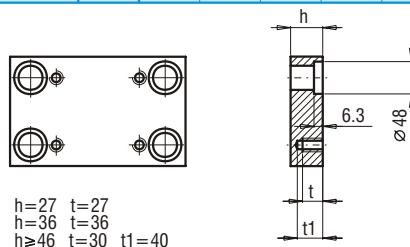
**PK 21**  
**PK 22**


PK 21/346x696x

h	FCPK-1	FCPK-2
27		
36		

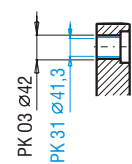
PK 22/346x696x

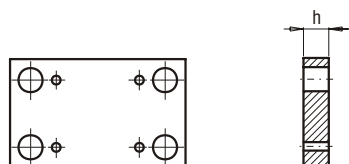
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/346x696x  
 PK 31/346x696x

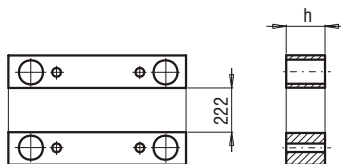
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


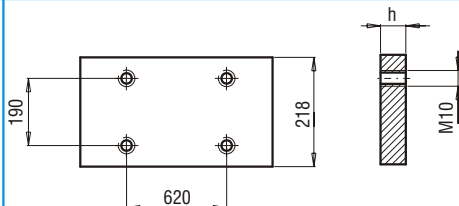
PK 04/346x696x

h	FCPK-1	FCPK-2
36		
46		

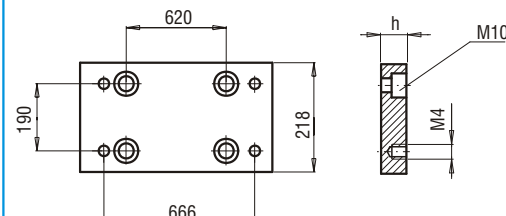
**PK 05**


PK 05/622x696x

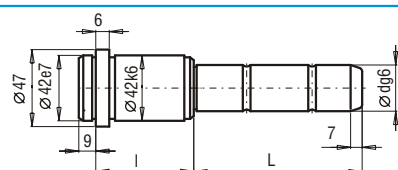
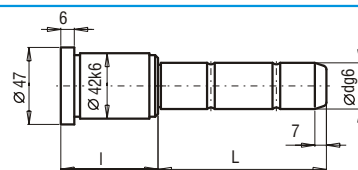
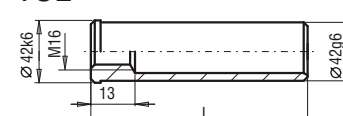
h	FCPK-1
76	
86	
96	
116	
136	

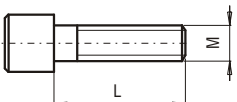
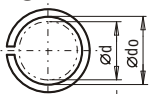
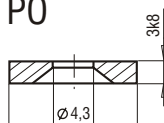
**PK 06**


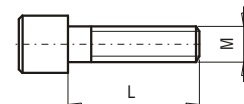
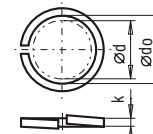
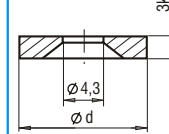
PK 06/218x696x	h	FCPK-1			
	22				

**PK 07A**


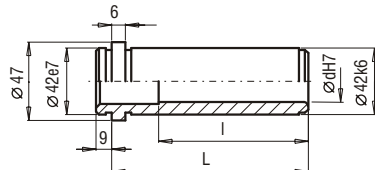
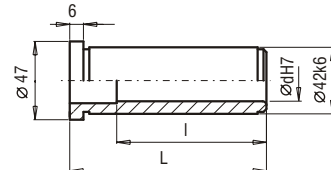
PK 07A/218x696x	h	FCPK-1	FCPK-2		
	27				

**SLE**

**SXE**

**TUE**


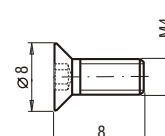
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32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			95	SXE-..086095			60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			115	SXE-..086115			80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			155	SXE-..086155			100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			55	SXE-..096055			120	TUE-42120	260	TUE-42260		
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300
	36	285	SLE-..027285	75	SLE-..076075	95	SXE-..036095	95	SXE-..096095	SM									
		55	SLE-..036055	95	SLE-..076095	115	SXE-..036115	115	SXE-..096115										
		75	SLE-..036075	115	SLE-..076115	155	SXE-..036155	155	SXE-..096155										
		95	SLE-..036095	155	SLE-..076155	46	45	SXE-..046045	116			75	SXE-..116075						
		115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115										
		155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155			SXE-..116155							
46	245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095	L	SM-M x L	L	SM-M x L	L	SM-M x L					
	285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	25	SM-10025	80	SM-16080	220	SM-16220					
	46	45	SLE-..046045	115	SLE-..086115	165	SXE-..046165	155	SXE-..136155	20	SM-16020	90	SM-16090	230	SM-16230				
		65	SLE-..046065	155	SLE-..086155	56	55	SXE-..056055	155	SXE-..156115	22	SM-16022	100	SM-16100	240	SM-16240			
		85	SLE-..046085	225	SLE-..086225	75	SXE-..056075	195	SXE-..156155	25	SM-16025	110	SM-16110	250	SM-16250				
		105	SLE-..046105	96	55	SLE-..096055	95	SXE-..056095	155	SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260			
		125	SLE-..046125	75	SLE-..096075	115	SXE-..056115	195	SXE-..196195	35	SM-16035	130	SM-16130	280	SM-16280				
		165	SLE-..046165	95	SLE-..096095	135	SXE-..056135			40	SM-16040	140	SM-16140	300	SM-16300				
	56	245	SLE-..046245	115	SLE-..096115	175	SXE-..056175			45	SM-16045	150	SM-16150	320	SM-16320				
		285	SLE-..046285	155	SLE-..096155	66	55	SXE-..066055			50	SM-16050	160	SM-16160	340	SM-16340			
		55	SLE-..056055	205	SLE-..096205	75	SXE-..066075			55	SM-16055	170	SM-16170	360	SM-16360				
		75	SLE-..056075	116	75	SLE-..116075	95	SXE-..066095			60	SM-16060	180	SM-16180	380	SM-16380			
95		SLE-..056095	115	SLE-..116115	115	SXE-..066115			65	SM-16065	190	SM-16190	400	SM-16400					
115		SLE-..056115	155	SLE-..116155	135	SXE-..066135			70	SM-16070	200	SM-16200	420	SM-16420					
66	135	SLE-..056135	136	95	SLE-..136095	76	55	SXE-..076055	PS		PO								
	175	SLE-..056175		115	SLE-..136115		75	SXE-..076075											
	245	SLE-..056245		155	SLE-..136155		95	SXE-..076095											
	295	SLE-..056295		115	SLE-..156115		115	SXE-..076115											
	55	SLE-..066055		155	SLE-..156155		155	SXE-..076155											
	75	SLE-..066075		196	155		SLE-..196155	86					55	SXE-..086055					
	95	SLE-..066095	195	SLE-..196195															

**SM**

**PS**

**P0**


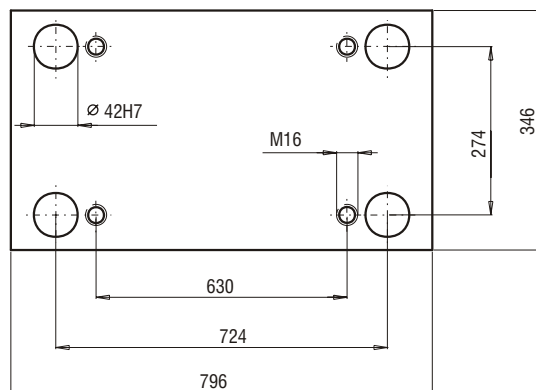
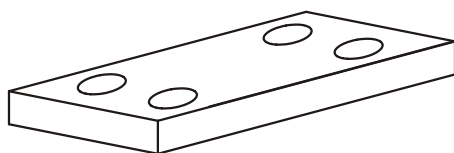
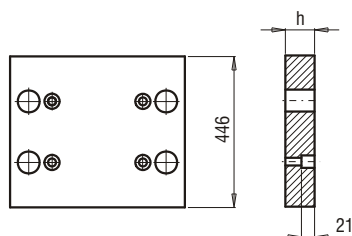
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

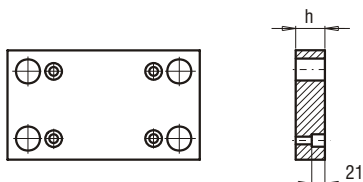
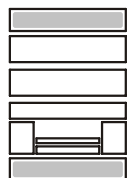
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**50**

**PK 11**


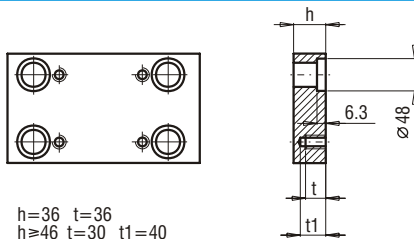
PK 11/446x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 22**


PK 22/346x796x

h	FCPK-1	FCPK-2			
36					
46					

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

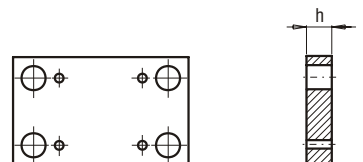
PK 03/346x796x

PK 31/346x796x

h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
76					
96					
116					
136					
156					

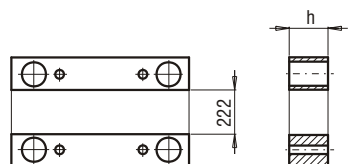
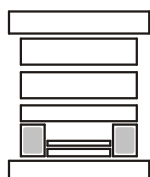
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11

\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


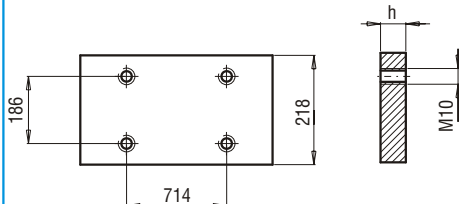
PK 04/346x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 05**


PK 05/62x796x

h	FCPK-1				
86					
96					
116					
136					
156					

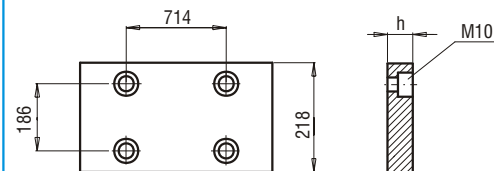
**PK 06**


PK 06/218x796x

h

FCPK-1

22

**PK 07**


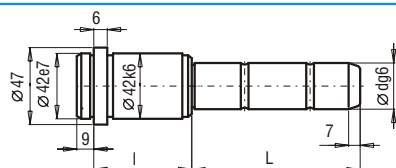
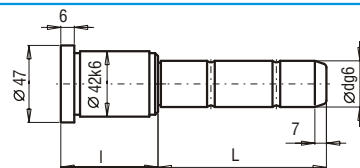
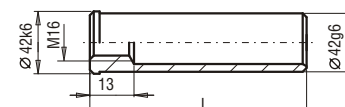
PK 07/218x796x

h

FCPK-1

FCPK-2

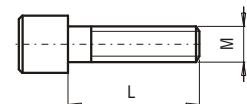
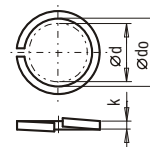
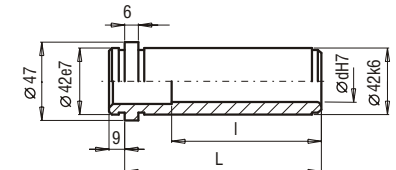
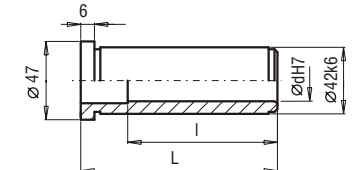
27

**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...		
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160		
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			36	55			SXE-..036055	96	55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300	
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095						
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155						
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075				
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115														
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155													
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095	L	SM-M x L	L	SM-M x L	L	SM-M x L								
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	40	SM-10040	80	SM-16080	220	SM-16220								
46	45	45	SLE-..046045			165	SXE-..046165	155	SXE-..136155	20	SM-16020	90	SM-16090	230	SM-16230						
		65	SLE-..046065	56	55	SXE-..056055	155	SXE-..156115	22	SM-16022	100	SM-16100	240	SM-16240							
		85	SLE-..046085	75	SXE-..056075	155	SXE-..156155	25	SM-16025	110	SM-16110	250	SM-16250								
		105	SLE-..046105	96	55	SLE-..096055	196	155	SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260						
		125	SLE-..046125	75	SLE-..096075	115	SXE-..056115	35	SM-16035	130	SM-16130	280	SM-16280								
		165	SLE-..046165	95	SLE-..096095	135	SXE-..056135	40	SM-16040	140	SM-16140	300	SM-16300								
		245	SLE-..046245	115	SLE-..096115	175	SXE-..056175	45	SM-16045	150	SM-16150	320	SM-16320								
		285	SLE-..046285	155	SLE-..096155	66	55	SXE-..066055	50	SM-16050	160	SM-16160	340	SM-16340							
		56	55	SLE-..056055	205	SLE-..096205	75	SXE-..066075	55	SM-16055	170	SM-16170	360	SM-16360							
		75	SLE-..056075	116	75	SLE-..116075	95	SXE-..066095	60	SM-16060	180	SM-16180	380	SM-16380							
95	SLE-..056095	115	SLE-..116115	115	SXE-..066115	65	SM-16065	190	SM-16190	400	SM-16400										
115	SLE-..056115	155	SLE-..116155	135	SXE-..066135	70	SM-16070	200	SM-16200	420	SM-16420										
135	SLE-..056135	136	95	SLE-..136095	175	SXE-..066175	75	SM-16075	210	SM-16210											
175	SLE-..056175			115	SLE-..136115	76	55	SXE-..076055													
245	SLE-..056245			155	SLE-..136155	75	SXE-..076075														
295	SLE-..056295			155	SLE-..156115	95	SXE-..076095														
66	55	SLE-..066055	156	115	SLE-..156115	115	SXE-..076115														
		75	SLE-..066075	155	SLE-..156155	155	SXE-..076155														
		95	SLE-..066095	196	155	SLE-..196155	155	SXE-..076155													
				195	SLE-..196195	55	SXE-..086055														

SM

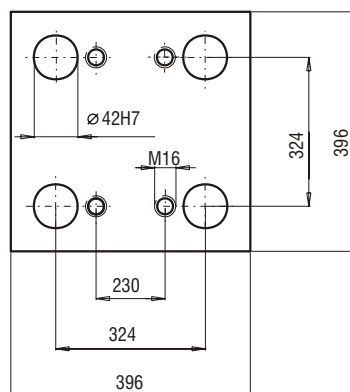
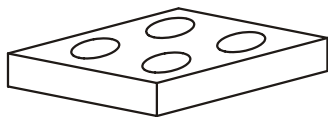
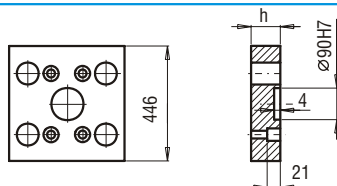
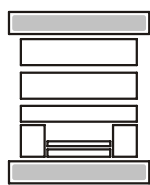
PS

**SM**

**PS**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

d	PN-77/M-82008
10 16	d <sub>0</sub> x k
10.2x2	16.3x3.2



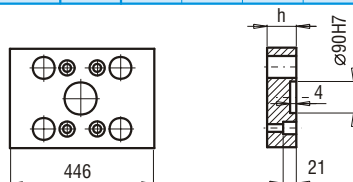
**31**

**PK 01**  
**PK 11**


PK 01/446x396x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 11/446x396x

h	FCPK-1	FCPK-2
27		
36		
46		

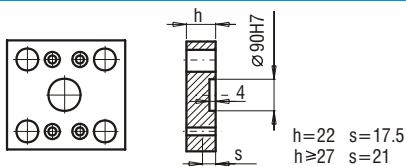
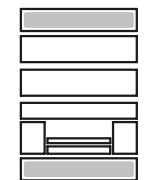
**PK 02**  
**PK 12**


PK 02/396x446x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 12/396x446x

h	FCPK-1	FCPK-2
27		
36		
46		

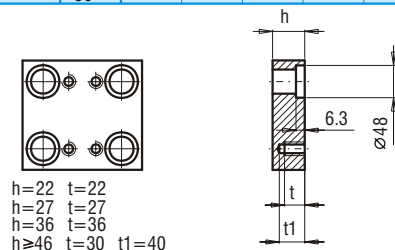
**PK 21**  
**PK 22**


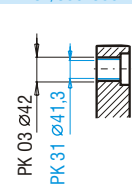
PK 21/396x396x

h	FCPK-1	FCPK-2
22		
27		
36		

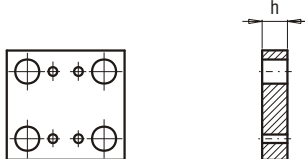
PK 22/396x396x

h	FCPK-1	FCPK-2
22		
27		
36		

**PK 03**  
**PK 31**

 h=22 t=22  
 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

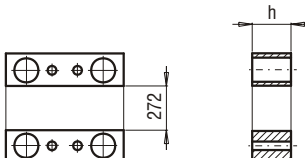
 PK 03/396x396x  
 PK 31/396x396x


h	FCPK-1	FCPK-2	FCPK-3	*	*
22					
27					
36					
46					
56					
66					
76					
86					
96					
116					

**PK 04**

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

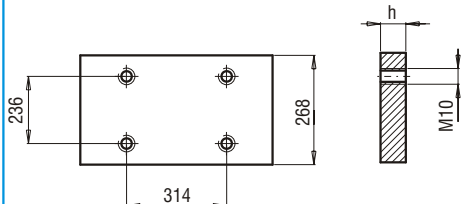
PK 04/396x396x

h	FCPK-1	FCPK-2
36		
46		

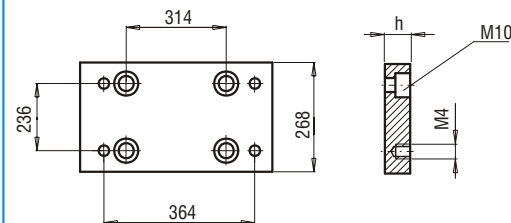
**PK 05**


PK 05/62x396x

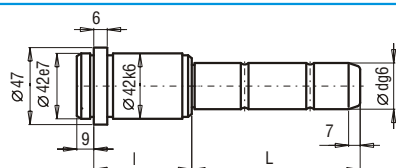
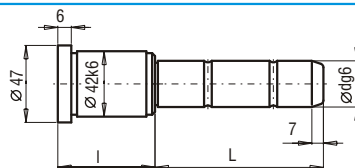
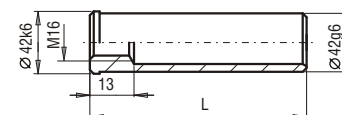
h	FCPK-1
56	
66	
76	
86	
96	
116	

**PK 06**


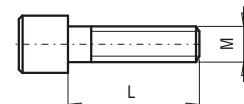
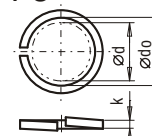
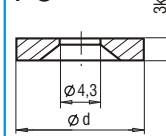
PK 06/268x396x	h	FCPK-1			
	17				

**PK 07A**


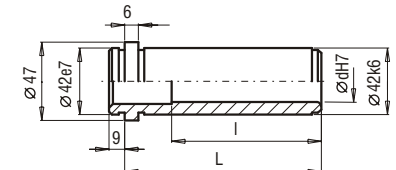
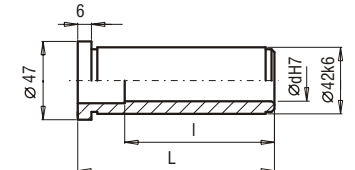
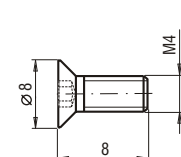
PK 07A/268x396x	h	FCPK-1	FCPK-2		
	22				

**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156115	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

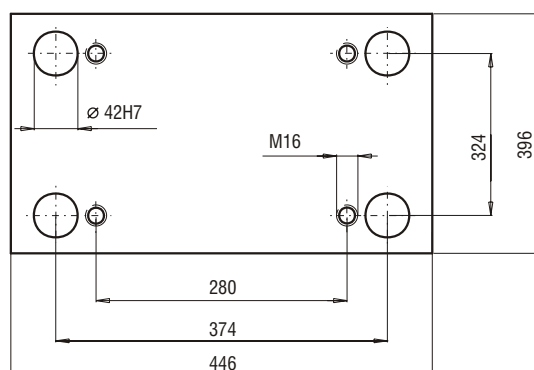
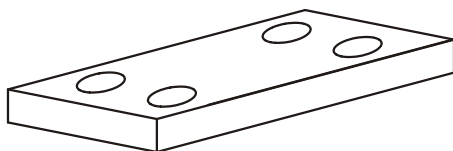
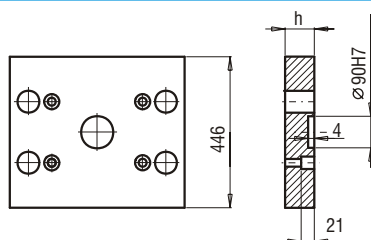
**SM**

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**

**WK**


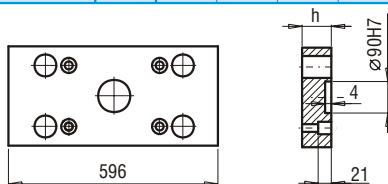
d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

d	DIN 7991 d x L
M4	M4 x 8

**32**

**PK 01**  
**PK 11**


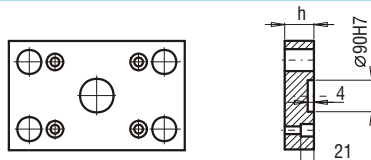
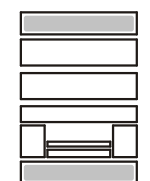
PK 01/446x446x	h	FCPK-1	FCPK-2		
	27				
	36				
	46				

PK 11/446x446x	h	FCPK-1	FCPK-2		
	27				
	36				
	46				

**PK 02**  
**PK 12**


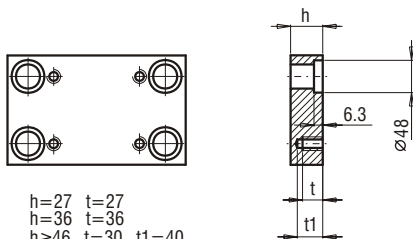
PK 02/396x596x	h	FCPK-1	FCPK-2		
	27				
	36				
	46				

PK 12/396x596x	h	FCPK-1	FCPK-2		
	27				
	36				
	46				

**PK 21**  
**PK 22**


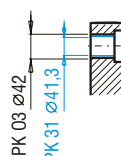
PK 21/396x446x	h	FCPK-1	FCPK-2		
	27				
	36				

PK 22/396x446x	h	FCPK-1	FCPK-2		
	27				
	36				

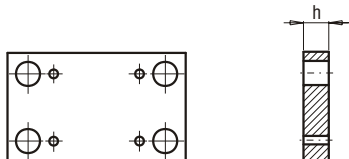
**PK 03**  
**PK 31**


h=27 t=27  
h=36 t=36  
h≥46 t=30 t1=40

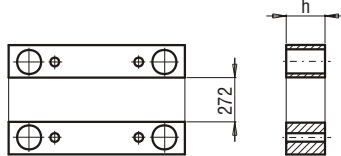
PK 03/396x446x PK 31/396x446x	h	FCPK-1	FCPK-2	FCPK-3	*	*
	27					
	36					
	46					
	56					
	66					
	76					
	86					
	96					
	116					



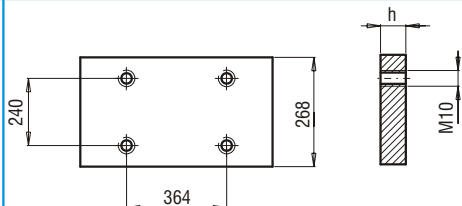
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


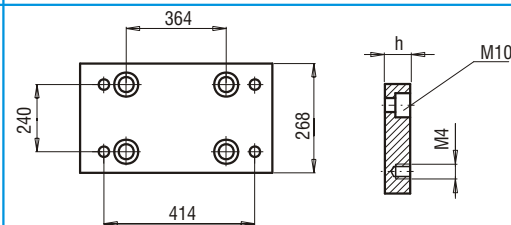
PK 04/396x446x	h	FCPK-1	FCPK-2		
	36				
	46				

**PK 05**


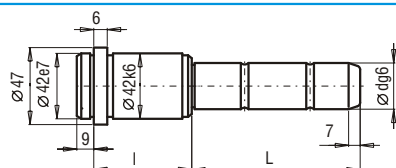
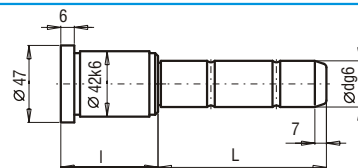
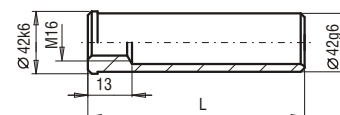
PK 05/62x446x	h	FCPK-1			
	56				
	66				
	76				
	86				
	96				
	116				

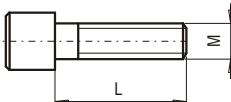
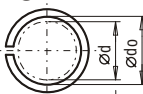
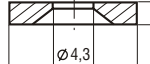
**PK 06**


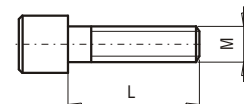
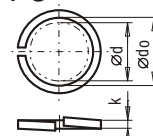
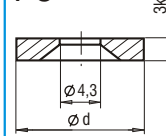
PK 06/268x446x	h	FCPK-1			
	17				

**PK 07A**


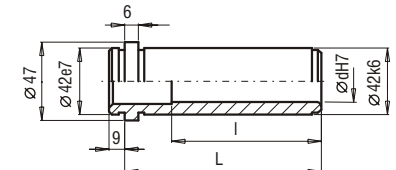
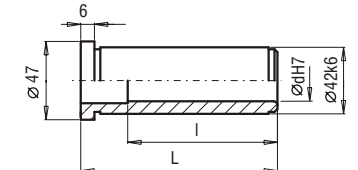
PK 07A/268x446x	h	FCPK-1	FCPK-2		
	22				

**SLE**

**SXE**

**TUE**


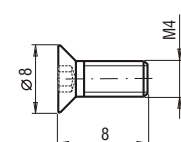
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			95	SXE-..086095			60	TUE-42060	180	TUE-42180		
		105	SLE-..027105			175	SLE-..066175			115	SXE-..086115			80	TUE-42080	200	TUE-42200		
		165	SLE-..027165			245	SLE-..066245			155	SXE-..086155			100	TUE-42100	220	TUE-42220		
		185	SLE-..027185			295	SLE-..066295			55	SXE-..096055			120	TUE-42120	260	TUE-42260		
		245	SLE-..027245			75	SLE-..076055			75	SXE-..036075			140	TUE-42140	300	TUE-42300		
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095								
		55	SLE-..036055			95	SLE-..076095			115	SXE-..036115								
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155								
		95	SLE-..036095			155	SLE-..076155			45	SXE-..046045								
36		115	SLE-..036115		76	225	SLE-..076225		46	65	SXE-..046065		96	115	SXE-..096115	SM			
		155	SLE-..036155			85	SXE-..046085			155	SXE-..096155								
		245	SLE-..036245			105	SXE-..046105			75	SXE-..116075								
		285	SLE-..036285			125	SXE-..046125			115	SXE-..116115								
		45	SLE-..046045			165	SXE-..046165			155	SXE-..116155								
		65	SLE-..046065			55	SXE-..056055			95	SXE-..136095								
		85	SLE-..046085			75	SXE-..056075			115	SXE-..136115								
		105	SLE-..046105			95	SXE-..056095			155	SXE-..136155								
		125	SLE-..046125			115	SXE-..056115			22	SM-16022								
		165	SLE-..046165			135	SXE-..056135			25	SM-16025								
46		245	SLE-..046245		96	155	SLE-..086155		56	175	SXE-..056175		196	155	SXE-..196155	30	SM-16030	100	SM-16100
		285	SLE-..046285			225	SLE-..086225			95	SXE-..056095			155	SXE-..156155	35	SM-16035	110	SM-16110
		45	SLE-..046045			55	SLE-..096055			115	SXE-..056115			30	SM-16030	120	SM-16120		
		65	SLE-..046065			75	SLE-..096075			135	SXE-..056135			35	SM-16035	130	SM-16130		
		85	SLE-..046085			95	SLE-..096095			155	SXE-..056155			40	SM-16040	140	SM-16140		
		105	SLE-..046105			115	SLE-..096115			175	SXE-..056175			45	SM-16045	150	SM-16150		
		125	SLE-..046125			155	SLE-..096155			55	SXE-..066055			50	SM-16050	160	SM-16160		
		165	SLE-..046165			205	SLE-..096205			75	SXE-..066075			55	SM-16055	170	SM-16170		
		245	SLE-..046245			75	SLE-..116075			95	SXE-..066095			60	SM-16060	180	SM-16180		
		285	SLE-..046285			115	SLE-..116115			115	SXE-..066115			65	SM-16065	190	SM-16190		
56		55	SLE-..056055		116	155	SLE-..116155		66	135	SXE-..066135			70	SM-16070	200	SM-16200		
		75	SLE-..056075			175	SXE-..066175			75	SM-16075			210	SM-16210				
		95	SLE-..056095			55	SXE-..066055												
		115	SLE-..056115			75	SXE-..066075												
		135	SLE-..056135			95	SXE-..066095												
		165	SLE-..056165			115	SXE-..066115												
		245	SLE-..056245			135	SXE-..066135												
		285	SLE-..056285			155	SXE-..066155												
		55	SLE-..066055			175	SXE-..066175												
		75	SLE-..066075			55	SXE-..076055												
66		95	SLE-..066095		136	75	SLE-..076075		86	95	SXE-..076095								
		115	SLE-..066115			115	SXE-..076115												
		135	SLE-..066135			135	SXE-..076135												
		165	SLE-..066165			155	SXE-..076155												
		245	SLE-..066245			175	SXE-..076175												
		285	SLE-..066285			55	SXE-..086055												
		55	SLE-..066055			75	SXE-..086075												
		75	SLE-..066075			95	SXE-..086095												
		95	SLE-..066095			115	SXE-..086115												
		115	SLE-..066115			135	SXE-..086135												
PS		135	SLE-..066135		156	155	SLE-..086155			155	SXE-..086155								
		165	SLE-..066165			175	SXE-..086175												
		245	SLE-..066245			55	SXE-..096055												
		285	SLE-..066285			75	SXE-..096075												
		55	SLE-..066055			95	SXE-..096095												
		75	SLE-..066075			115	SXE-..096115												
		95	SLE-..066095			135	SXE-..096135												
		115	SLE-..066115			155	SXE-..096155												
		135	SLE-..066135			175	SXE-..096175												
		155	SLE-..066155			55	SXE-..106055												
PO		155	SLE-..066155		196	75	SLE-..106075			75	SXE-..106075								
		175	SLE-..066175			95	SXE-..106095												
		245	SLE-..066245			115	SXE-..106115												
		285	SLE-..066285			135	SXE-..106135												
		55	SLE-..066055			155	SXE-..106155												
		75	SLE-..066075			175	SXE-..106175												
		95	SLE-..066095			55	SXE-..116055												
		115	SLE-..066115			75	SXE-..116075												
		135	SLE-..066135			95	SXE-..116095												
		155	SLE-..066155			115	SXE-..116115												

**SM**

**PS**

**P0**


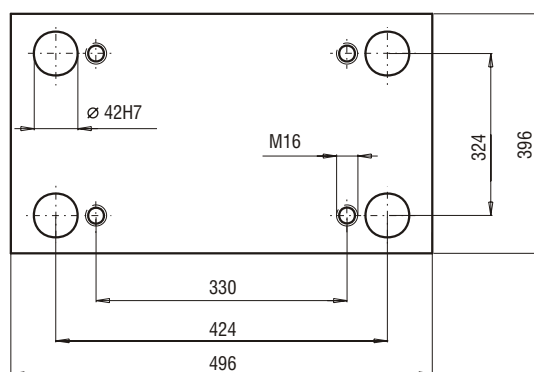
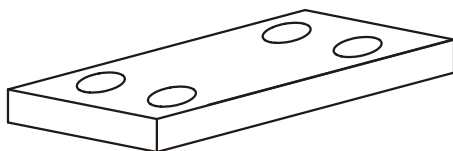
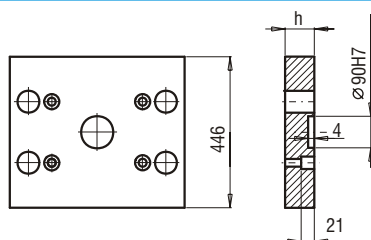
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

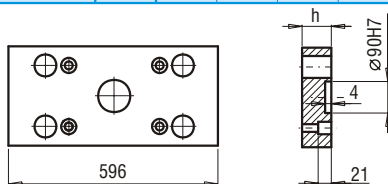
**33**

**PK 01**  
**PK 11**


PK 01/446x496x

h	FCPK-1	FCPK-2
36		
46		

PK 11/446x496x

h	FCPK-1	FCPK-2
36		
46		

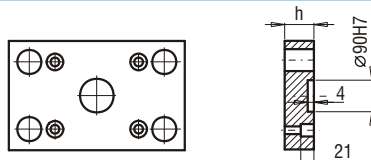
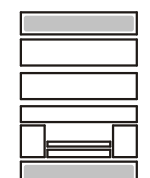
**PK 02**  
**PK 12**


PK 02/396x596x

h	FCPK-1	FCPK-2
36		
46		

PK 12/396x596x

h	FCPK-1	FCPK-2
36		
46		

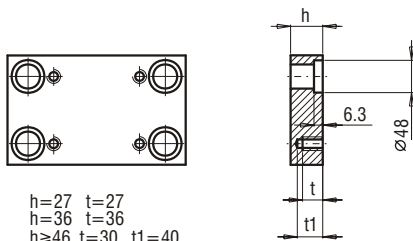
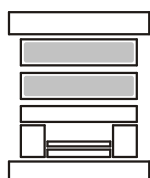
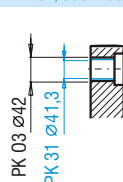
**PK 21**  
**PK 22**


PK 21/396x496x

h	FCPK-1	FCPK-2
27		
36		

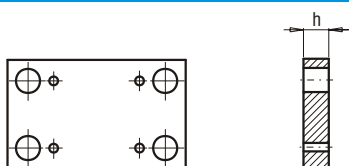
PK 22/396x496x

h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 PK 03/396x496x  
 PK 31/396x496x


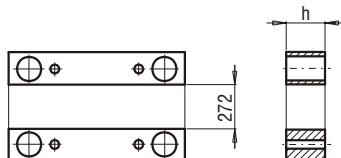
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


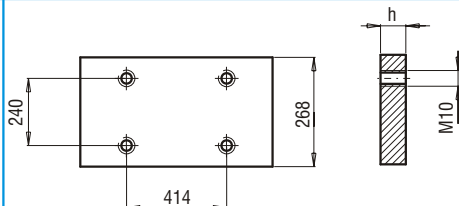
PK 04/396x496x

h	FCPK-1	FCPK-2
36		
46		

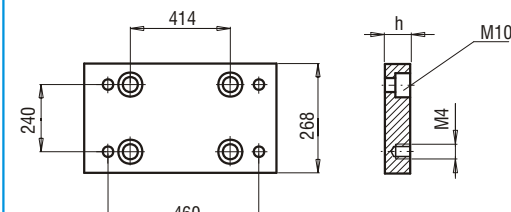
**PK 05**


PK 05/62x496x

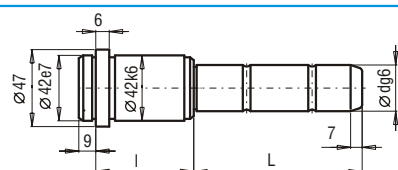
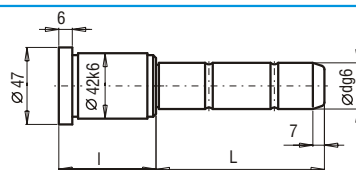
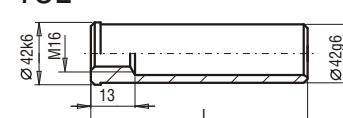
h	FCPK-1
66	
76	
86	
96	
116	
136	

**PK 06**


PK 06/268x496x	h	FCPK-1			
	22				

**PK 07A**


PK 07A/268x496x	h	FCPK-1	FCPK-2		
	27				

**SLE**

**SXE**

**TUE**


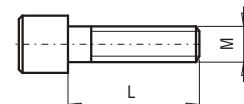
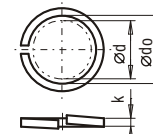
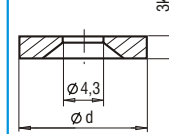
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			55	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260
	36	245	SLE-..027245	76	55	SLE-..076055	36	75	SXE-..036075	96	75	SXE-..096075	140	TUE-42140	300	TUE-42300			
		285	SLE-..027285		75	SLE-..076075		95	SXE-..036095		95	SXE-..096095							
		55	SLE-..036055		95	SLE-..076095		115	SXE-..036115		115	SXE-..096115							
		75	SLE-..036075		115	SLE-..076115		155	SXE-..036155		155	SXE-..096155							
		95	SLE-..036095		155	SLE-..076155		45	SXE-..046045		75	SXE-..116075							
46	115	SLE-..036115	86	225	SLE-..076225	56	65	SXE-..046065	116	115	SXE-..116115								
	155	SLE-..036155		55	SLE-..086055		85	SXE-..046085		115	SXE-..116155								
	245	SLE-..036245		75	SLE-..086075		105	SXE-..046105		155	SXE-..136155								
	285	SLE-..036285		95	SLE-..086095		125	SXE-..046125		155	SXE-..156115								
	45	SLE-..046045		115	SLE-..086115		165	SXE-..046165		155	SXE-..156155								
	56	65	SLE-..046065	96	225	SLE-..086225	66	75	SXE-..056055	196	155	SXE-..196155							
		85	SLE-..046085		55	SLE-..096055		95	SXE-..056075		155	SXE-..196195							
		105	SLE-..046105		75	SLE-..096075		95	SXE-..056095										
		125	SLE-..046125		95	SLE-..096095		115	SXE-..056115										
		165	SLE-..046165		115	SLE-..096115		135	SXE-..056135										
66		245	SLE-..046245	116	155	SLE-..096155	76	175	SXE-..056175										
		285	SLE-..046285		155	SLE-..096155		55	SXE-..066055										
		55	SLE-..056055		205	SLE-..096205		75	SXE-..066075										
		75	SLE-..056075		75	SLE-..116075		95	SXE-..066095										
		95	SLE-..056095		115	SLE-..116115		115	SXE-..066115										
	76	115	SLE-..056115	136	155	SLE-..116155	86	135	SXE-..066135										
		135	SLE-..056135		95	SLE-..136095		175	SXE-..066175										
		175	SLE-..056175		115	SLE-..136115		55	SXE-..076055										
		245	SLE-..056245		155	SLE-..136155		75	SXE-..076075										
		295	SLE-..056295		155	SLE-..156115		95	SXE-..076095										
86		55	SLE-..066055	156	155	SLE-..156155	96	115	SXE-..076115										
		75	SLE-..066075		155	SLE-..196155		155	SXE-..076155										
		95	SLE-..066095		195	SLE-..196195		55	SXE-..086055										

SM

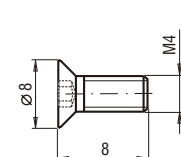
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	80	SM-16080	220	SM-16220
20	SM-16020	90	SM-16090	230	SM-16230
22	SM-16022	100	SM-16100	240	SM-16240
25	SM-16025	110	SM-16110	250	SM-16250
30	SM-16030	120	SM-16120	260	SM-16260
35	SM-16035	130	SM-16130	280	SM-16280
40	SM-16040	140	SM-16140	300	SM-16300
45	SM-16045	150	SM-16150	320	SM-16320
50	SM-16050	160	SM-16160	340	SM-16340
55	SM-16055	170	SM-16170	360	SM-16360
60	SM-16060	180	SM-16180	380	SM-16380
65	SM-16065	190	SM-16190	400	SM-16400
70	SM-16070	200	SM-16200	420	SM-16420
75	SM-16075	210	SM-16210		

PS

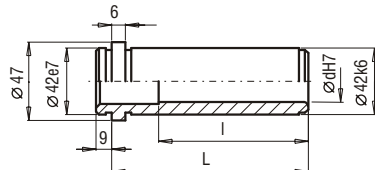
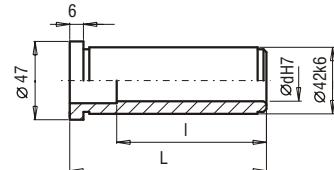
PO

**SM**

**PS**

**P0**


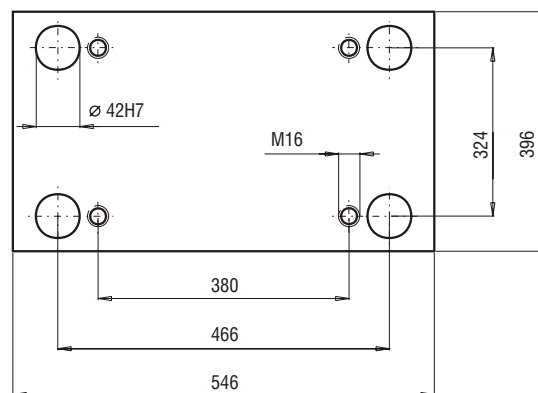
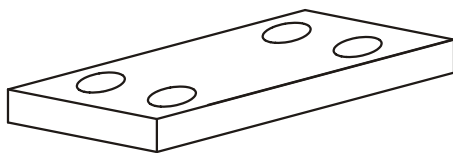
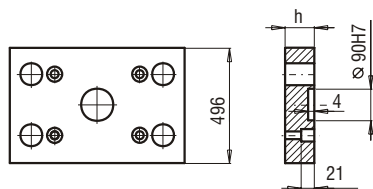
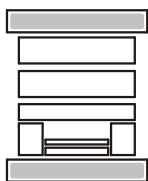
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

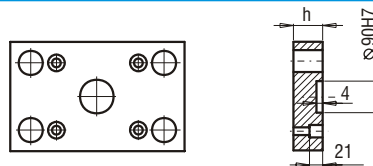
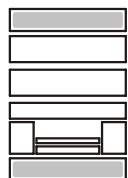
**34**

**PK 01**  
**PK 11**


PK 01/496x546x

h	FCPK-1	FCPK-2
36		
46		

PK 11/496x546x

h	FCPK-1	FCPK-2
36		
46		

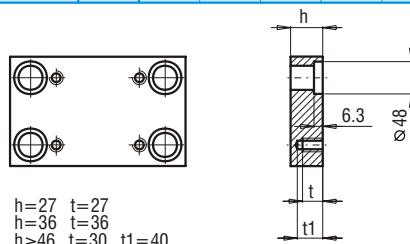
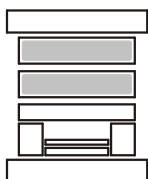
**PK 21**  
**PK 22**


PK 21/396x546x

h	FCPK-1	FCPK-2
27		
36		

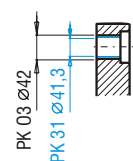
PK 22/396x546x

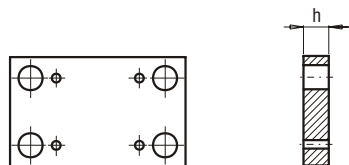
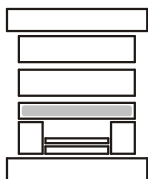
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/396x546x  
 PK 31/396x546x

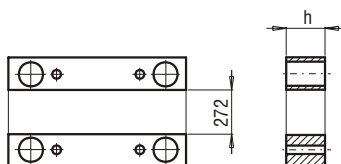
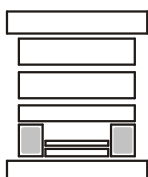
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/396x546x

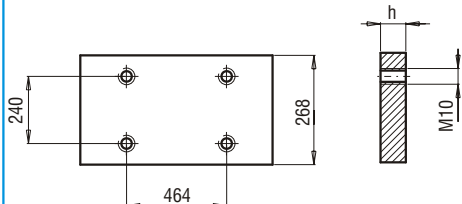
h	FCPK-1	FCPK-2
46		
56		

**PK 05**


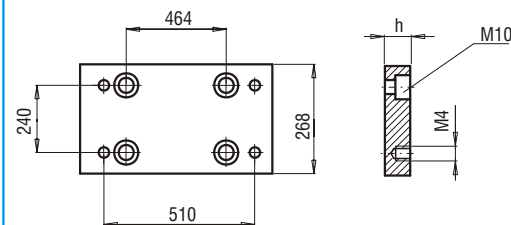
PK 05/62x546x

h	FCPK-1
66	
76	
86	
96	
116	
136	

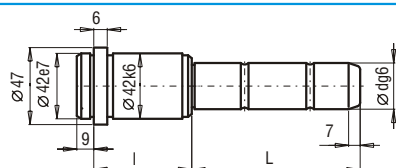
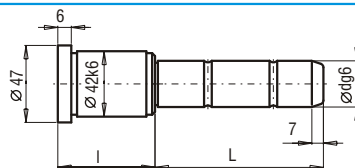
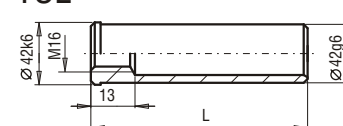


**PK 06**


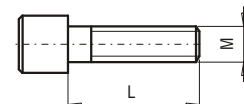
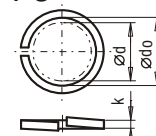
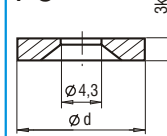
PK 06/268x546x	h	FCPK-1			
	17				

**PK 07A**


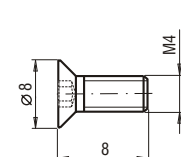
PK 07A/268x546x	h	FCPK-1	FCPK-2		
	27				

**SLE**

**SXE**

**TUE**


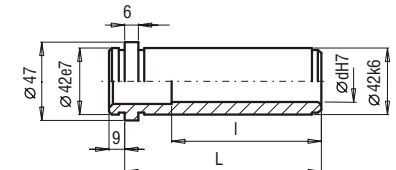
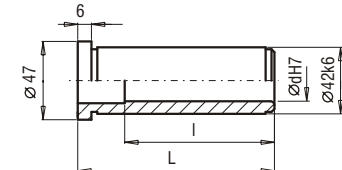
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			156	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**


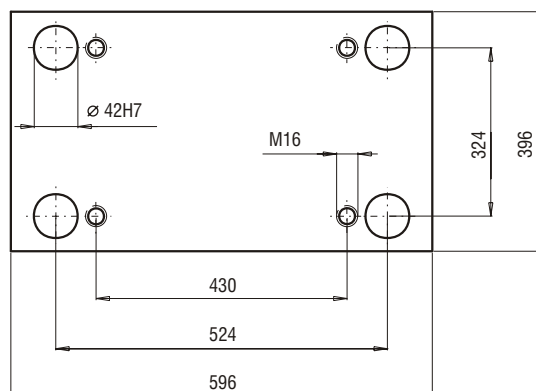
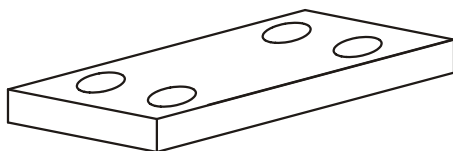
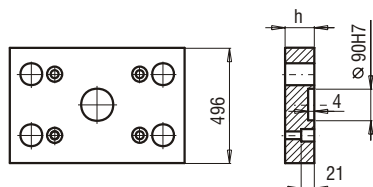
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

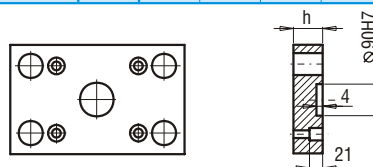
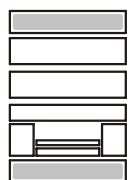
**35**

**PK 01**  
**PK 11**


PK 01/496x596x

h	FCPK-1	FCPK-2
36		
46		

PK 11/496x596x

h	FCPK-1	FCPK-2
36		
46		

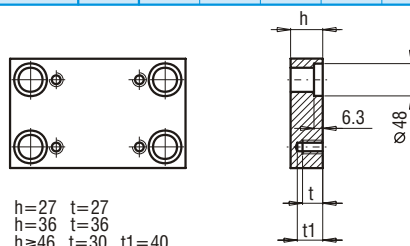
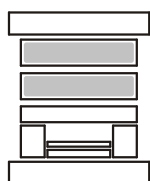
**PK 21**  
**PK 22**


PK 21/396x596x

h	FCPK-1	FCPK-2
27		
36		

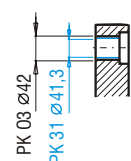
PK 22/396x596x

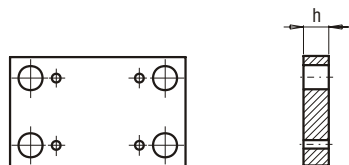
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/396x596x  
 PK 31/396x596x

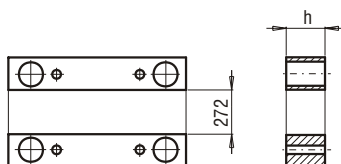
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


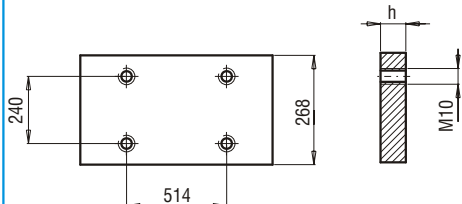
PK 04/396x596x

h	FCPK-1	FCPK-2
46		
56		

**PK 05**


PK 05/62x596x

h	FCPK-1
66	
76	
86	
96	
116	
136	

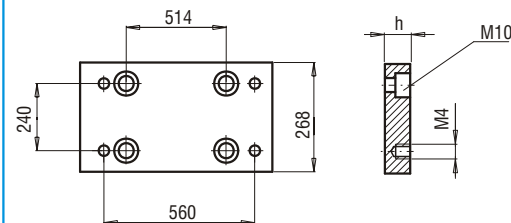
**PK 06**


PK 06/268x596x

h

FCPK-1

22

**PK 07A**


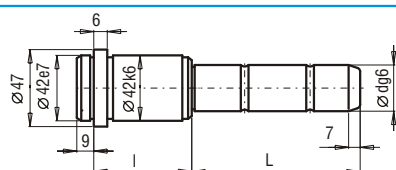
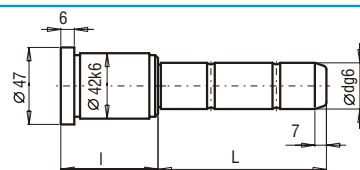
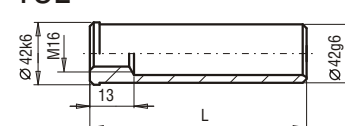
PK 07A/268x596x

h

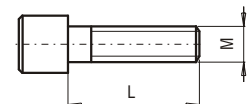
FCPK-1

FCPK-2

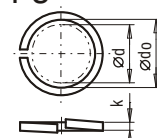
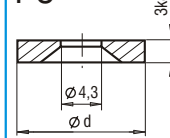
27

**SLE**

**SXE**

**TUE**


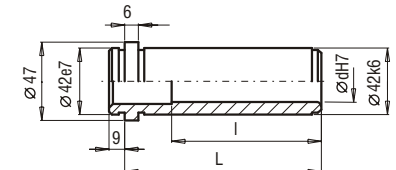
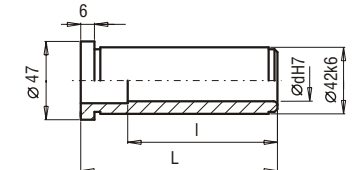
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			36	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245		76	55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
	36	55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155		86	55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
	46	45	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105		96	55	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
	56	55	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075		116	75	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135		136	95	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295		156	115	SLE-..156115			95	SXE-..076095								
	66	55	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075		196	155	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**


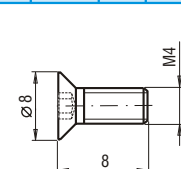
L	SM-M x L	L	SM-M x L	L	SM-M x L
115	SM-10025	80	SM-16080	220	SM-16220
155	SM-16020	90	SM-16090	230	SM-16230
155	SM-16022	100	SM-16100	240	SM-16240
155	SM-16025	110	SM-16110	250	SM-16250
155	SM-16030	120	SM-16120	260	SM-16260
155	SM-16035	130	SM-16130	280	SM-16280
155	SM-16040	140	SM-16140	300	SM-16300
155	SM-16045	150	SM-16150	320	SM-16320
155	SM-16050	160	SM-16160	340	SM-16340
155	SM-16055	170	SM-16170	360	SM-16360
155	SM-16060	180	SM-16180	380	SM-16380
155	SM-16065	190	SM-16190	400	SM-16400
155	SM-16070	200	SM-16200	420	SM-16420
155	SM-16075	210	SM-16210		

**PS**

**P0**


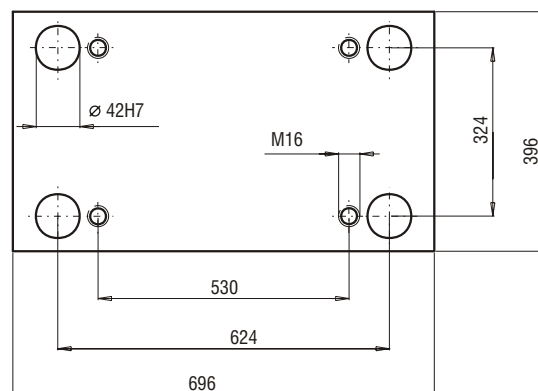
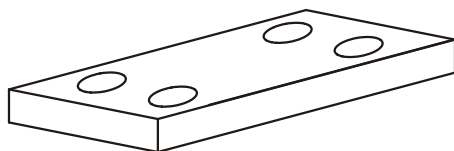
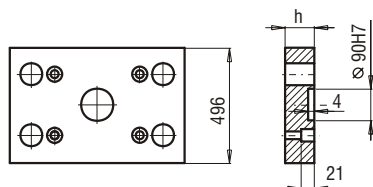
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

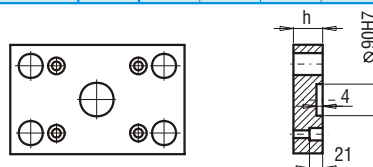
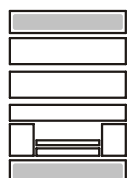
**51**

**PK 01**  
**PK 11**


PK 01/496x696x

h	FCPK-1	FCPK-2
46		
56		

PK 11/496x696x

h	FCPK-1	FCPK-2
46		
56		

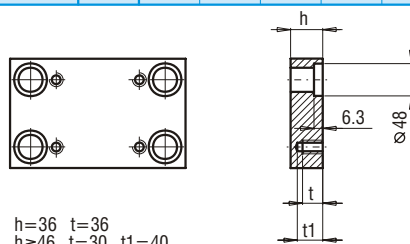
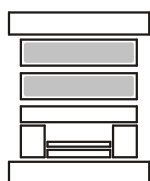
**PK 21**  
**PK 22**


PK 21/396x696x

h	FCPK-1	FCPK-2
36		
46		

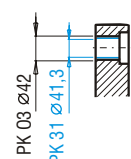
PK 22/396x696x

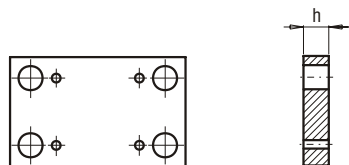
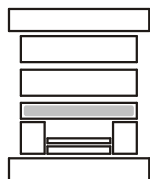
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/396x696x  
 PK 31/396x696x

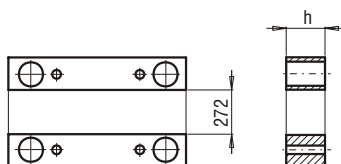
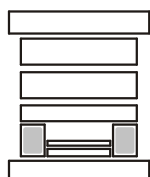
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


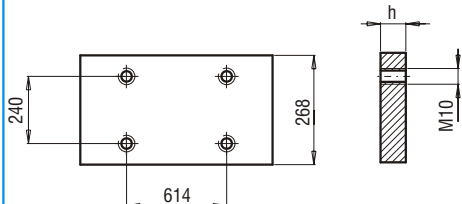
PK 04/396x696x

h	FCPK-1	FCPK-2
46		
56		

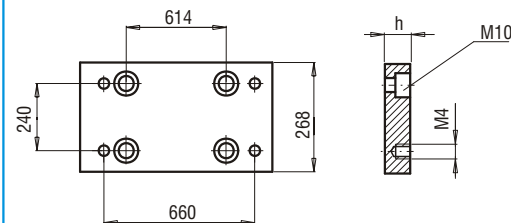
**PK 05**


PK 05/62x696x

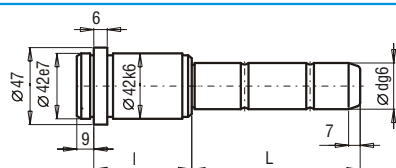
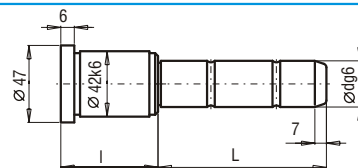
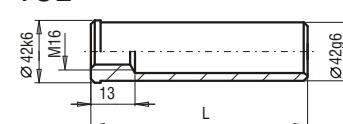
h	FCPK-1
76	
86	
96	
116	
136	

**PK 06**


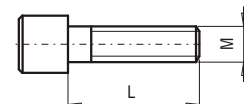
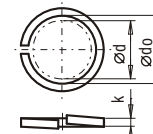
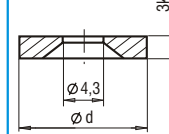
PK 06/268x696x	h	FCPK-1			
	27				

**PK 07A**


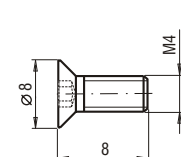
PK 07A/268x696x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


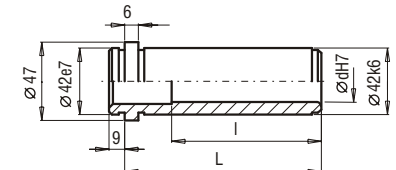
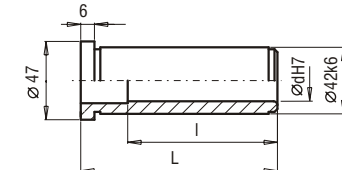
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			36	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245		76	55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
	36	55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155		86	55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
	46	45	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105		96	55	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
	56	55	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075		116	75	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135		136	95	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
	66	55	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075		196	155	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**


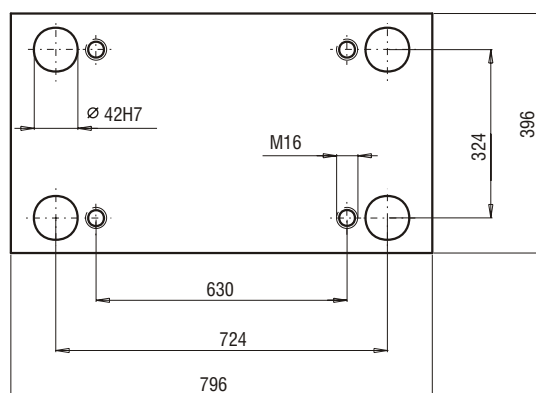
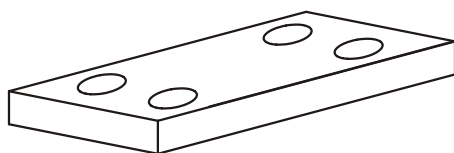
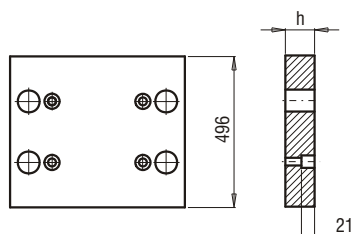
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

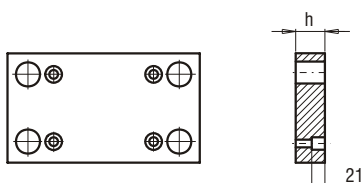
**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**52**

**PK 11**


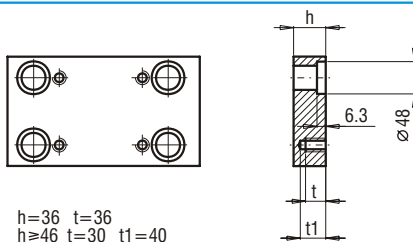
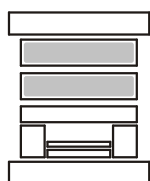
PK 11/496x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 22**


PK 22/396x796x

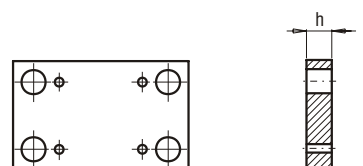
h	FCPK-1	FCPK-2			
36					
46					

**PK 03**  
**PK 31**

 h=36 t=36  
 h=46 t=30 t1=40

 PK 03/396x796x  
 PK 31/396x796x

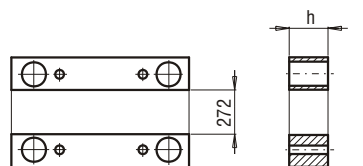
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
76					
96					
116					
136					
156					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


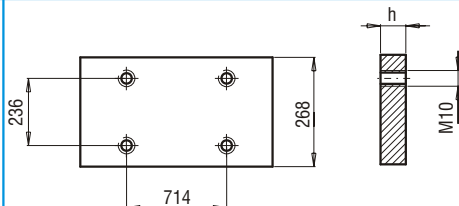
PK 04/396x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 05**


PK 05/62x796x

h	FCPK-1				
86					
96					
116					
136					
156					

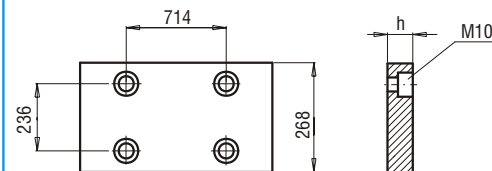
**PK 06**


PK 06/268x796x

h

FCPK-1

27

**PK 07**


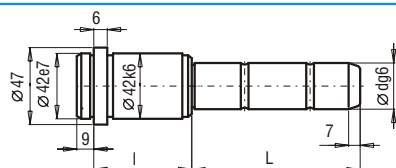
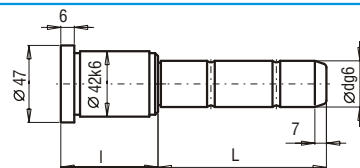
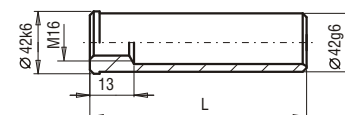
PK 07/268x796x

h

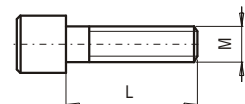
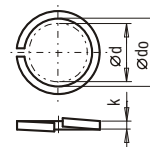
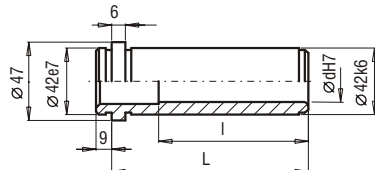
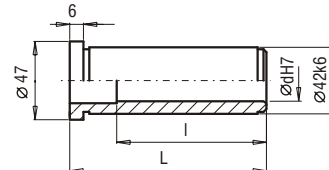
FCPK-1

FCPK-2

36

**SLE**

**SXE**

**TUE**


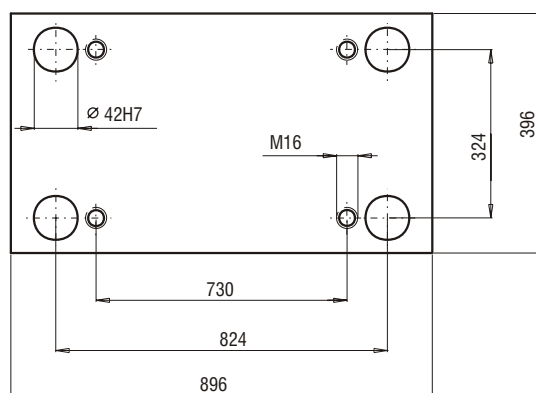
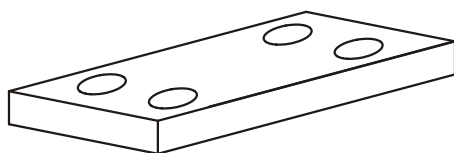
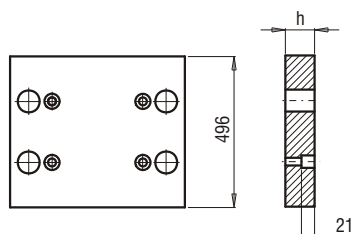
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245		76	55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
	36	55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155		86	55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	40	SM-10040	80	SM-16080
	46	45	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105		96	55	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
	56	55	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075		116	75	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135		136	95	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			75	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
	66	55	SLE-..066055		156	115	SLE-..156115			115	SXE-..076115								
		75	SLE-..066075			155	SLE-..156155			155	SXE-..076155								
		95	SLE-..066095		196	155	SLE-..196155			86	SXE-..086055								
					195	SLE-..196195													

**SM**

**PS**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

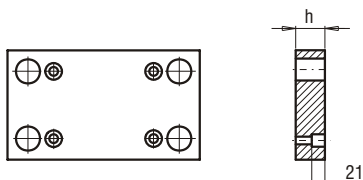
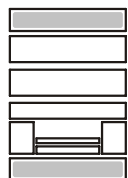
d	PN-77/M-82008 d <sub>0</sub> x k
10 16	10.2x2 16.3x3.2



**53**

**PK 11**


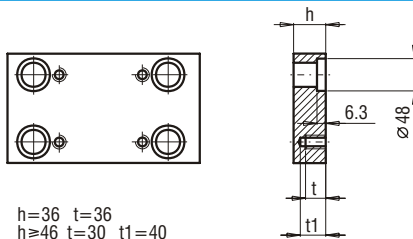
PK 11/496x896x

h	FCPK-1	FCPK-2			
46					
56					

**PK 22**


PK 22/396x896x

h	FCPK-1	FCPK-2			
36					
46					

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

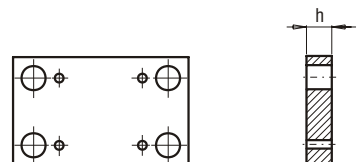
PK 03/396x896x

PK 31/396x896x

h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
76					
96					
116					
136					
156					

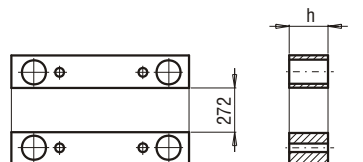
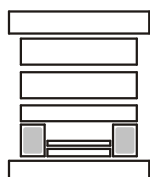
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11

\*For other steel types - see page no I.6 ÷ I.11

**PK 04**


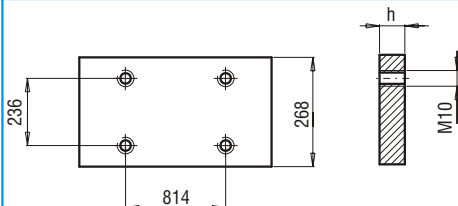
PK 04/396x896x

h	FCPK-1	FCPK-2			
46					
56					

**PK 05**


PK 05/62x896x

h	FCPK-1				
86					
96					
116					
136					
156					

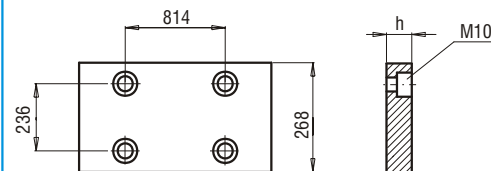
**PK 06**


PK 06/268x896x

h

FCPK-1

27

**PK 07**


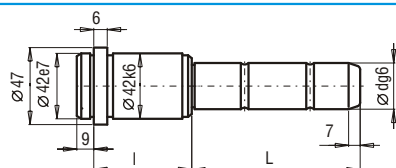
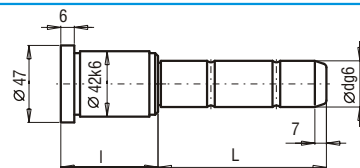
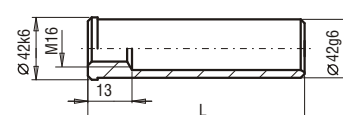
PK 07/268x896x

h

FCPK-1

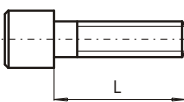
FCPK-2

36


**SLE**

**SXE**

**TUE**


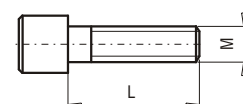
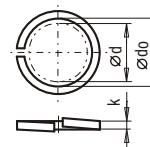
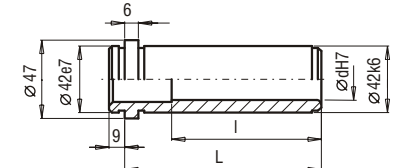
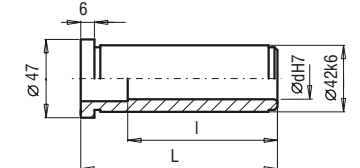
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...			
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160			
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180			
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200			
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220			
		185	SLE-..027185			295	SLE-..066295			36	55			SXE-..036055	96	55	SXE-..096055	120	TUE-42120	260	TUE-42260	
		245	SLE-..027245			76	55				SLE-..076055			75		SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075				95			SXE-..036095		95	SXE-..096095					
		55	SLE-..036055			95	SLE-..076095				115			SXE-..036115		115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115				155			SXE-..036155		155	SXE-..096155					
		95	SLE-..036095			155	SLE-..076155				46			45		SXE-..046045	116	75	SXE-..116075			
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115															
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155														
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095	L			SM-M x L	L	SM-M x L								
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	40	SM-10040			80	SM-16080	220		SM-16220						
46	45	SLE-..046045	115	SLE-..086115	165	SXE-..046165	155	SXE-..136155	20	SM-16020		90	SM-16090	230	SM-16230							
65	SLE-..046065	155	SLE-..086155	56	55	SXE-..056055	115	SXE-..156115	22	SM-16022		100	SM-16100	240	SM-16240							
85	SLE-..046085	225	SLE-..086225		75	SXE-..056075	155	SXE-..156155	25	SM-16025		110	SM-16110	250	SM-16250							
105	SLE-..046105	96	55		SLE-..096055	95	SXE-..056095	196	155	SXE-..196155		30	SM-16030	120	SM-16120	260		SM-16260				
125	SLE-..046125	75	SLE-..096075		115	SXE-..056115	195	SXE-..196195	35	SM-16035		130	SM-16130	280	SM-16280							
165	SLE-..046165	95	SLE-..096095		135	SXE-..056135			40	SM-16040	140	SM-16140	300	SM-16300								
245	SLE-..046245	115	SLE-..096115		175	SXE-..056175			45	SM-16045	150	SM-16150	320	SM-16320								
285	SLE-..046285	155	SLE-..096155		66	55	SXE-..066055			50	SM-16050	160	SM-16160	340	SM-16340							
56	55	SLE-..056055	205			SLE-..096205	75	SXE-..066075			55	SM-16055	170	SM-16170	360	SM-16360						
75	SLE-..056075	116	75			SLE-..116075	95	SXE-..066095			60	SM-16060	180	SM-16180	380	SM-16380						
95	SLE-..056095	115	SLE-..116115			115	SXE-..066115			65	SM-16065	190	SM-16190	400	SM-16400							
115	SLE-..056115	155	SLE-..116155	135		SXE-..066135			70	SM-16070	200	SM-16200	420	SM-16420								
135	SLE-..056135	136	95	SLE-..136095		175	SXE-..066175			75	SM-16075	210	SM-16210									
175	SLE-..056175			115		SLE-..136115	76	55	SXE-..076055													
245	SLE-..056245			155		SLE-..136155		75	SXE-..076075													
295	SLE-..056295			155		SLE-..156155		95	SXE-..076095													
66	55	SLE-..066055	156	115		SLE-..156115		115	SXE-..076115													
75	SLE-..066075			155	SLE-..156155	155		SXE-..076155														
95	SLE-..066095			196	155	SLE-..196155		155	SXE-..086055													
				195	SLE-..196195	86		55	SXE-..086055													

SM



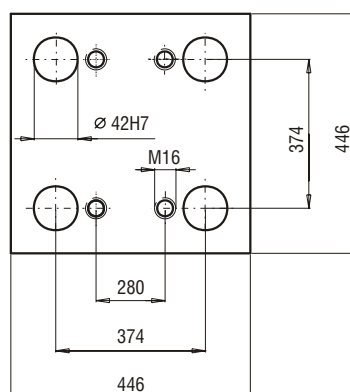
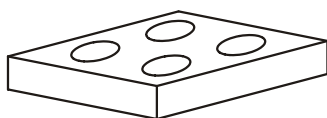
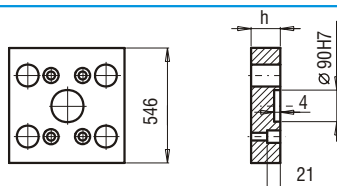
PS



**SM**

**PS**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

d	PN-77/M-82008 d <sub>0</sub> x k
10 16	10.2x2 16.3x3.2

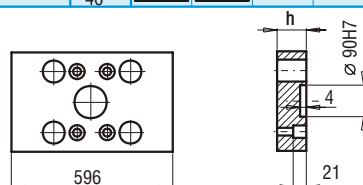
**36**

**PK 01**  
**PK 11**


PK 01/546x446x

h	FCPK-1	FCPK-2
36		
46		

PK 11/546x446x

h	FCPK-1	FCPK-2
36		
46		

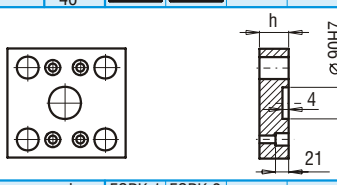
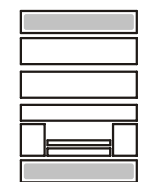
**PK 02**  
**PK 12**


PK 02/446x596x

h	FCPK-1	FCPK-2
36		
46		

PK 12/446x596x

h	FCPK-1	FCPK-2
36		
46		

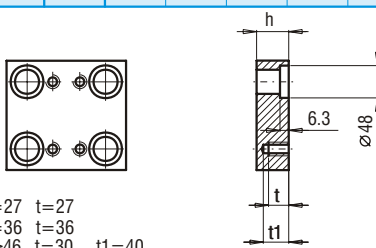
**PK 21**  
**PK 22**


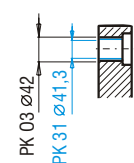
PK 21/446x446x

h	FCPK-1	FCPK-2
27		
36		

PK 22/446x446x

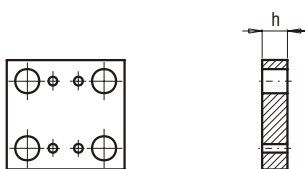
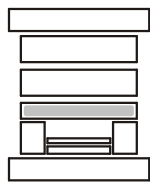
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/446x446x  
 PK 31/446x446x


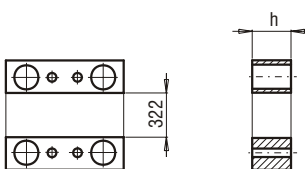
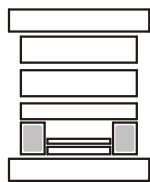
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


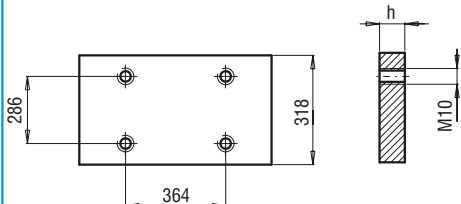
PK 04/446x446x

h	FCPK-1	FCPK-2	FCPK-3
36			
46			

**PK 05**


PK 05/62x446x

h	FCPK-1
56	
66	
76	
86	
96	
116	

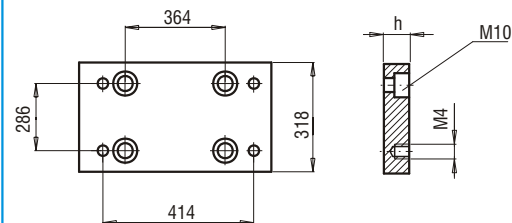
**PK 06**


PK 06/318x446x

h

FCPK-1

17

**PK 07A**


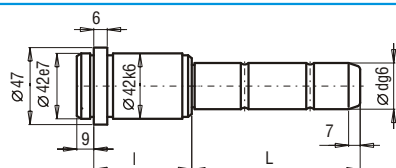
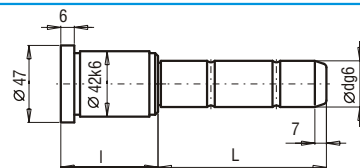
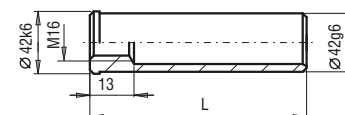
PK 07A/318x446x

h

FCPK-1

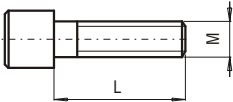
FCPK-2

27

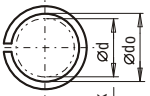
**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...			
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160			
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180			
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200			
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220			
		185	SLE-..027185			295	SLE-..066295			36	55			SXE-..036055	96	55	SXE-..096055	120	TUE-42120	260	TUE-42260	
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300		
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095							
		55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115							
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155							
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075					
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115															
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155														
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095	L	SM-M x L	L	SM-M x L	L	SM-M x L								
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	25	SM-10025	80	SM-16080	220	SM-16220									
46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	20	SM-16020	90	SM-16090	230	SM-16230	
		65	SLE-..046065			65	SLE-..046065			65	SLE-..046065			155	SXE-..136155	22	SM-16022	100	SM-16100	240	SM-16240	
		85	SLE-..046085			85	SLE-..046085			85	SLE-..046085			155	SXE-..156115	25	SM-16025	110	SM-16110	250	SM-16250	
		105	SLE-..046105			105	SLE-..046105			105	SLE-..046105			155	SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260	
		125	SLE-..046125			125	SLE-..046125			125	SLE-..046125			195	SXE-..196195	35	SM-16035	130	SM-16130	280	SM-16280	
		165	SLE-..046165			165	SLE-..046165			165	SLE-..046165					40	SM-16040	140	SM-16140	300	SM-16300	
		245	SLE-..046245			245	SLE-..046245			245	SLE-..046245					45	SM-16045	150	SM-16150	320	SM-16320	
		285	SLE-..046285			285	SLE-..046285			285	SLE-..046285					50	SM-16050	160	SM-16160	340	SM-16340	
		56	55			SLE-..056055	56			55	SLE-..056055			56	55	SLE-..056055	55	SM-16055	170	SM-16170	360	SM-16360
		75	SLE-..056075			75	SLE-..056075			75	SLE-..056075			60	SM-16060	180	SM-16180	380	SM-16380			
95	SLE-..056095	95	SLE-..056095	95	SLE-..056095	65	SM-16065	190	SM-16190	400	SM-16400											
115	SLE-..056115	115	SLE-..056115	115	SLE-..056115	70	SM-16070	200	SM-16200	420	SM-16420											
135	SLE-..056135	135	SLE-..056135	135	SLE-..056135	75	SM-16075	210	SM-16210													
175	SLE-..056175	175	SLE-..056175	175	SLE-..056175																	
245	SLE-..056245	245	SLE-..056245	245	SLE-..056245																	
295	SLE-..056295	295	SLE-..056295	295	SLE-..056295																	
66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055	66	55	55	SLE-..066055							
		75	SLE-..066075			75	SLE-..066075			75	SLE-..066075											
		115	SLE-..066115			115	SLE-..066115			115	SLE-..066115											
		155	SLE-..066155			155	SLE-..066155			155	SLE-..066155											
195	SLE-..066195	195	SLE-..066195	195	SLE-..066195	195	SLE-..066195															

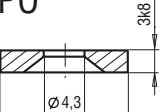
SM

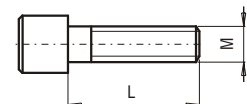
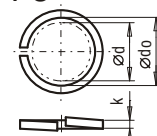
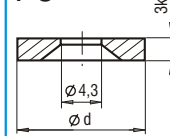


PS

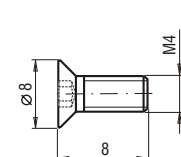


PO

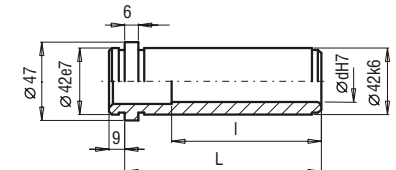
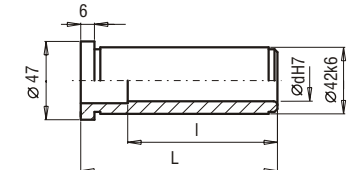


**SM**

**PS**

**P0**


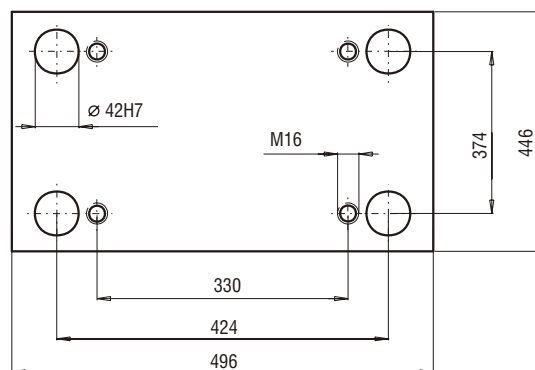
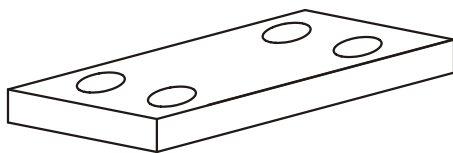
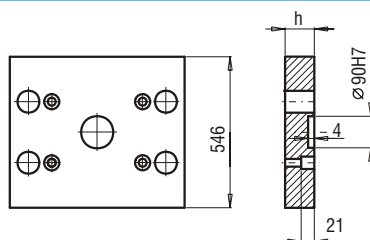
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

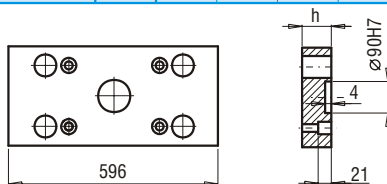
**37**

**PK 01**  
**PK 11**


PK 01/546x496x

h	FCPK-1	FCPK-2
36		
46		

PK 11/546x496x

h	FCPK-1	FCPK-2
36		
46		

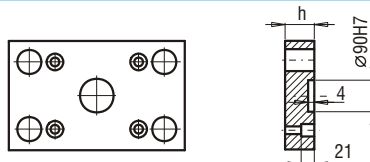
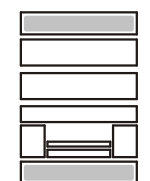
**PK 02**  
**PK 12**


PK 02/446x596x

h	FCPK-1	FCPK-2
36		
46		

PK 12/446x596x

h	FCPK-1	FCPK-2
36		
46		

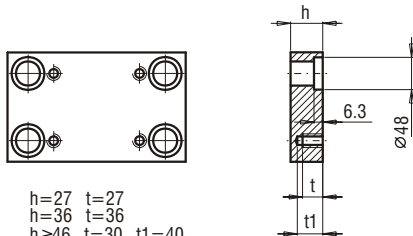
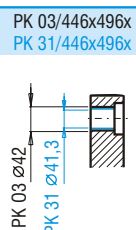
**PK 21**  
**PK 22**


PK 21/446x496x

h	FCPK-1	FCPK-2
27		
36		

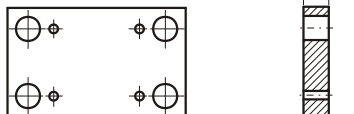
PK 22/446x496x

h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/446x496x  
 PK 31/446x496x

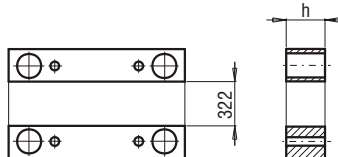
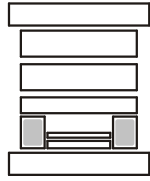
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


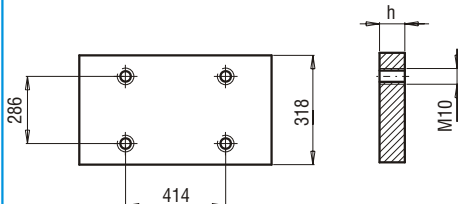
PK 04/446x496x

h	FCPK-1	FCPK-2
46		
56		

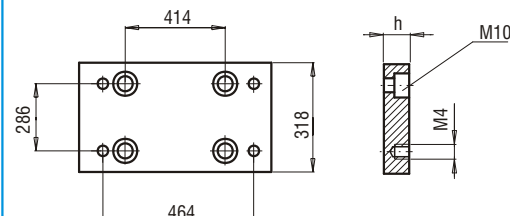
**PK 05**


PK 05/62x496x

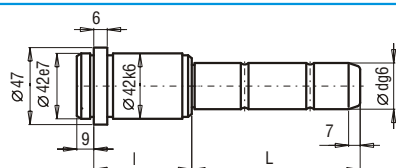
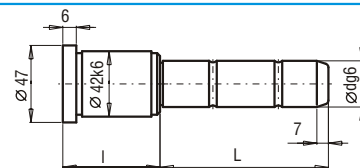
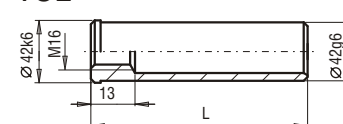
h	FCPK-1
66	
76	
86	
96	
116	
136	

**PK 06**


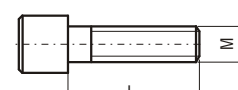
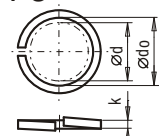
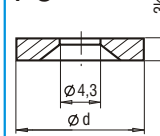
PK 06/318x496x	h	FCPK-1			
	22				

**PK 07A**


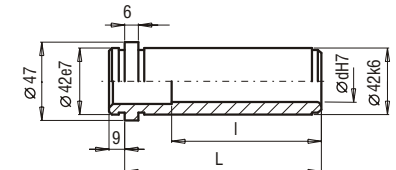
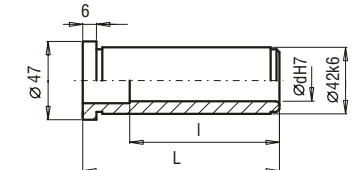
PK 07A/318x496x	h	FCPK-1	FCPK-2		
	27				

**SLE**

**SXE**

**TUE**


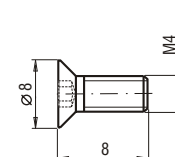
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	55 SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	45 SXE-..046045			116	75 SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	55 SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	45 SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	55 SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	55 SLE-..096055			95	SXE-..056095			196	155 SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	55 SXE-..066055					50	SM-16050	160	SM-16160
		56	55 SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	75 SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	95 SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	55 SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			75	SXE-..076075								
		295	SLE-..056295			156	115 SLE-..156115			95	SXE-..076095								
		66	55 SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	155 SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	55 SXE-..086055								

**SM**

**PS**

**P0**


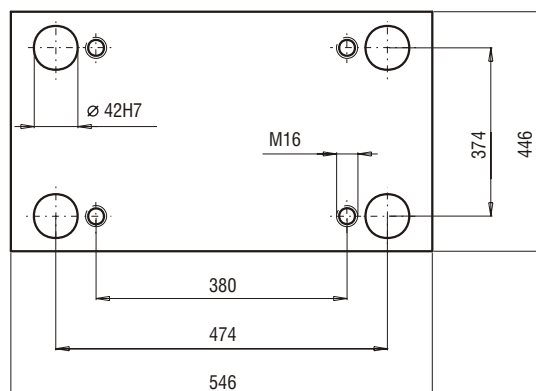
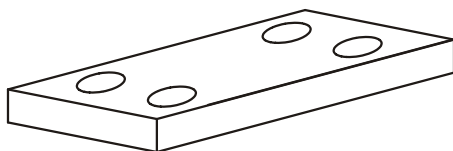
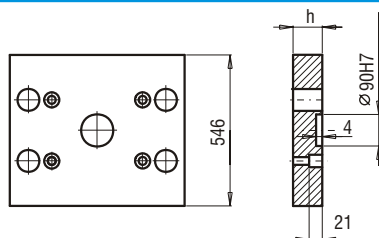
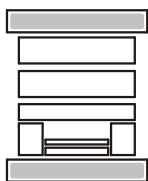
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

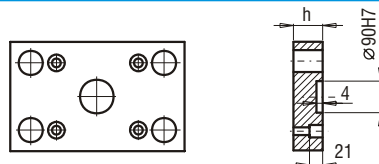
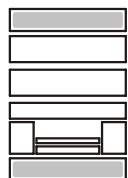
**38**

**PK 01**  
**PK 11**


PK 01/546x546x

h	FCPK-1	FCPK-2
36		
46		

PK 11/546x546x

h	FCPK-1	FCPK-2
36		
46		

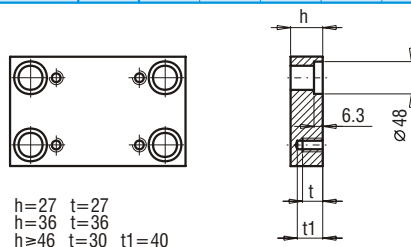
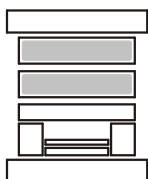
**PK 21**  
**PK 22**


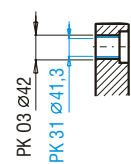
PK 21/446x546x

h	FCPK-1	FCPK-2
27		
36		

PK 22/446x546x

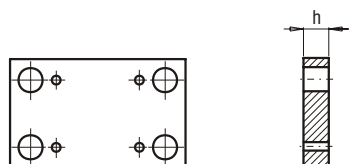
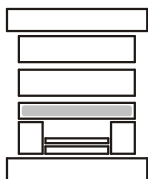
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

 PK 03/446x546x  
 PK 31/446x546x


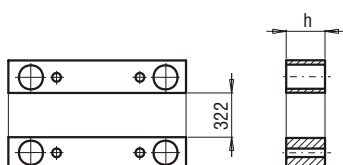
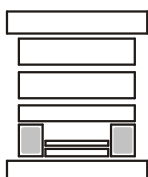
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/446x546x

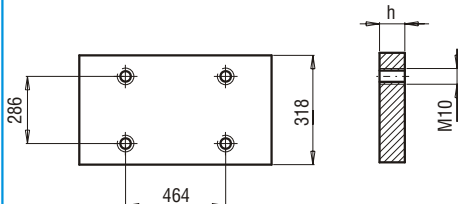
h	FCPK-1	FCPK-2
46		
56		

**PK 05**


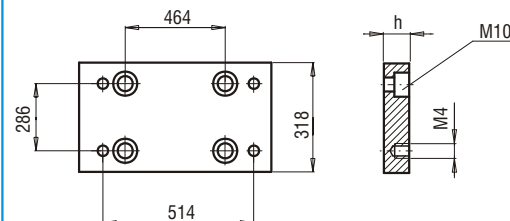
PK 05/62x546x

h	FCPK-1
66	
76	
86	
96	
116	
136	

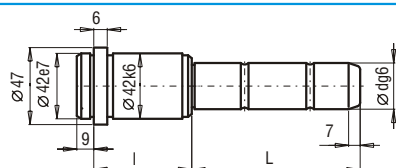
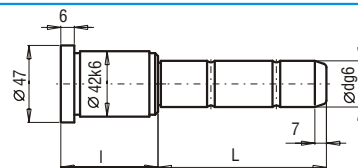
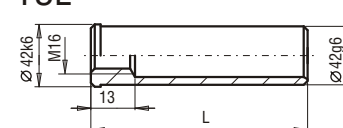


**PK 06**


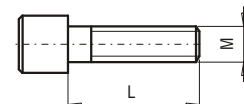
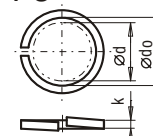
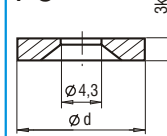
PK 06/318x546x	h	FCPK-1			
	22				

**PK 07A**


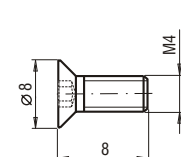
PK 07A/318x546x	h	FCPK-1	FCPK-2		
	27				

**SLE**

**SXE**

**TUE**


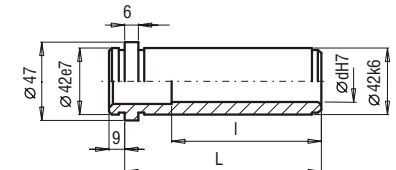
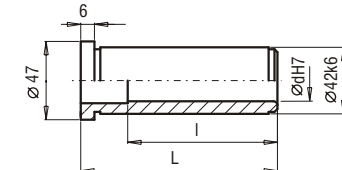
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	55 SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	45 SXE-..046045			116	75 SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	55 SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	45 SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	55 SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	55 SLE-..096055			95	SXE-..056095			196	155 SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	55 SXE-..066055					50	SM-16050	160	SM-16160
		56	55 SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	75 SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	95 SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	55 SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			75	SXE-..076075								
		295	SLE-..056295			156	115 SLE-..156115			95	SXE-..076095								
		66	55 SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	155 SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	55 SXE-..086055								

**SM**

**PS**

**P0**


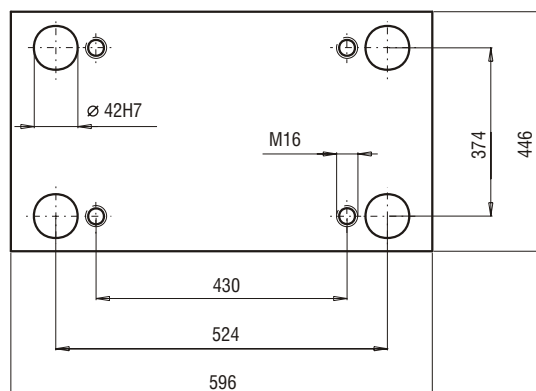
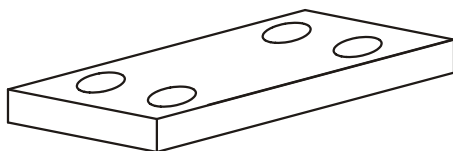
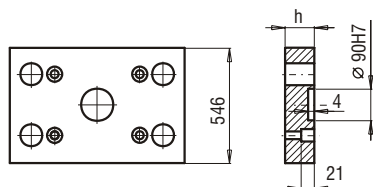
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-..
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

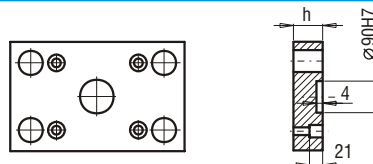
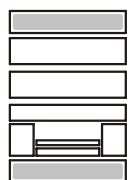
**39**

**PK 01**  
**PK 11**


PK 01/546x596x

h	FCPK-1	FCPK-2
36		
46		

PK 11/546x596x

h	FCPK-1	FCPK-2
36		
46		

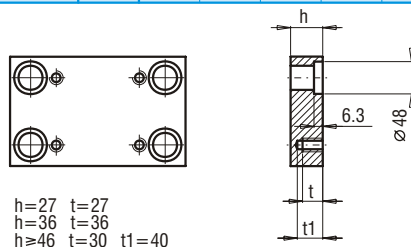
**PK 21**  
**PK 22**


PK 21/446x596x

h	FCPK-1	FCPK-2
27		
36		

PK 22/446x596x

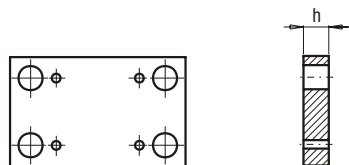
h	FCPK-1	FCPK-2
27		
36		

**PK 03**  
**PK 31**

 h=27 t=27  
 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/446x596x  
 PK 31/446x596x

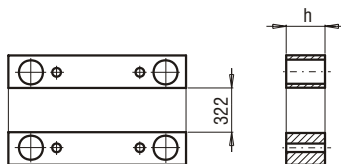
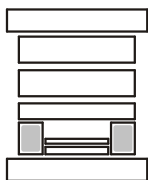
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


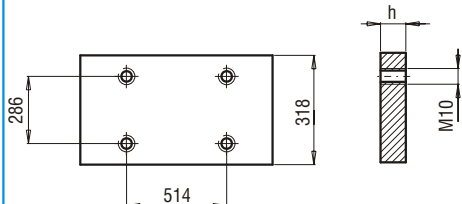
PK 04/446x596x

h	FCPK-1	FCPK-2
46		
56		

**PK 05**


PK 05/62x596x

h	FCPK-1
66	
76	
86	
96	
116	
136	

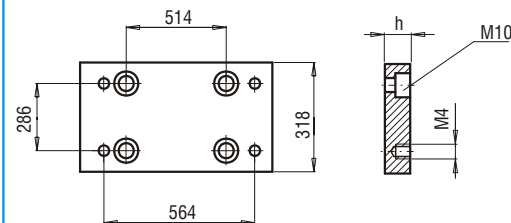
**PK 06**


PK 06/318x596x

h

FCPK-1

22

**PK 07A**


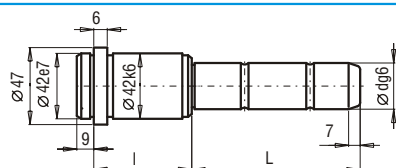
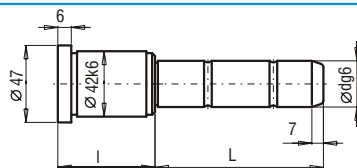
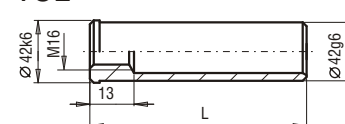
PK 07A/318x596x

h

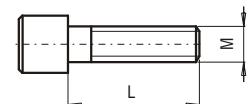
FCPK-1

FCPK-2

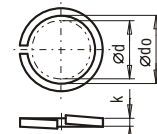
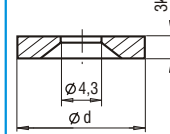
27

**SLE**

**SXE**

**TUE**


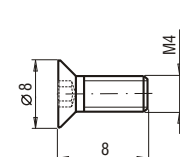
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	55 SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	45 SXE-..046045			116	75 SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	55 SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	45 SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	55 SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	55 SLE-..096055			95	SXE-..056095			196	155 SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	55 SXE-..066055					50	SM-16050	160	SM-16160
		56	55 SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	75 SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	95 SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	55 SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			75	SXE-..076075								
		295	SLE-..056295			156	115 SLE-..156115			95	SXE-..076095								
		66	55 SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	155 SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	55 SXE-..086055								

**SM**


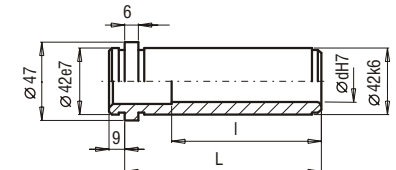
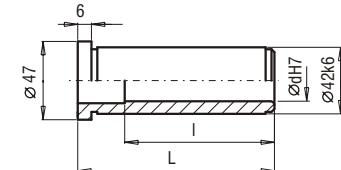
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115	SM-10025	80	SM-16080	220	SM-16220
155	SM-16020	90	SM-16090	230	SM-16230
115	SM-16022	100	SM-16100	240	SM-16240
155	SM-16025	110	SM-16110	250	SM-16250
196	SM-16030	120	SM-16120	260	SM-16260
195	SM-16035	130	SM-16130	280	SM-16280
		140	SM-16140	300	SM-16300
		150	SM-16150	320	SM-16320
		160	SM-16160	340	SM-16340
		170	SM-16170	360	SM-16360
		180	SM-16180	380	SM-16380
		190	SM-16190	400	SM-16400
		200	SM-16200	420	SM-16420
		210	SM-16210		

**PS**

**P0**


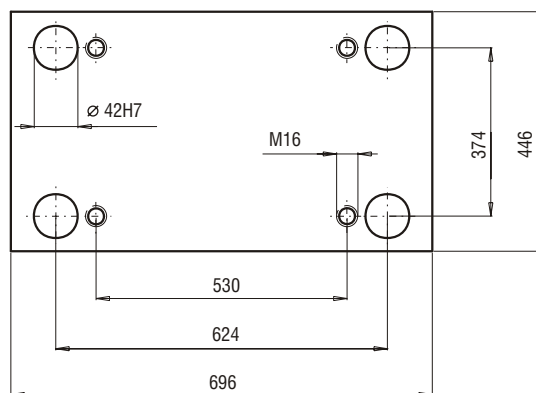
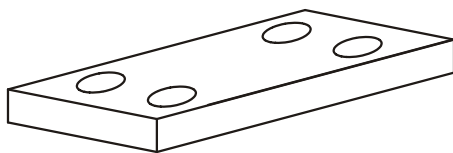
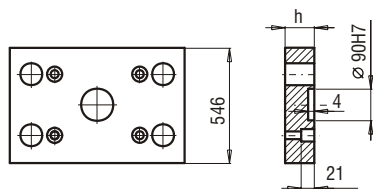
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

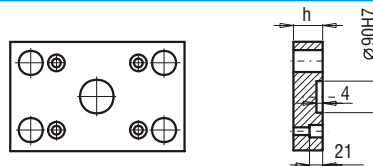
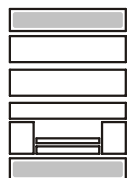
**40**

**PK 01**  
**PK 11**


PK 01/546x696x

h	FCPK-1	FCPK-2
46		
56		

PK 11/546x696x

h	FCPK-1	FCPK-2
46		
56		

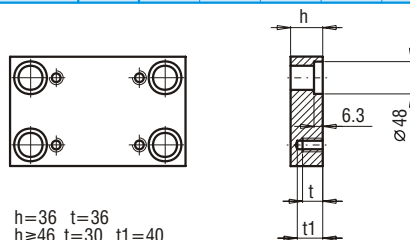
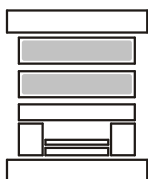
**PK 21**  
**PK 22**


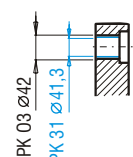
PK 21/446x696x

h	FCPK-1	FCPK-2
36		
46		

PK 22/446x696x

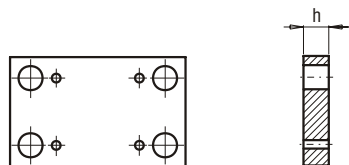
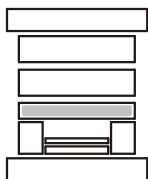
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

 PK 03/446x696x  
 PK 31/446x696x


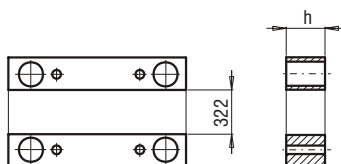
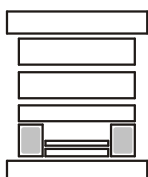
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


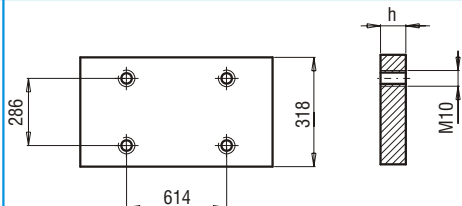
PK 04/446x696x

h	FCPK-1	FCPK-2
46		
56		

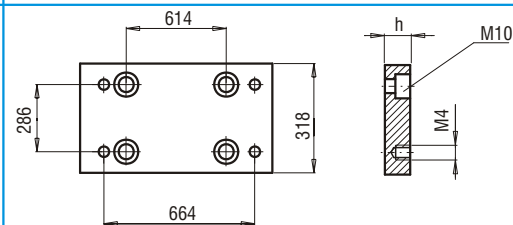
**PK 05**


PK 05/62x696x

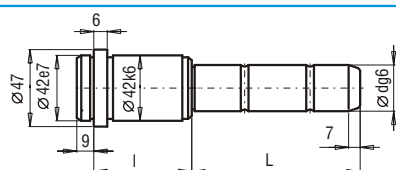
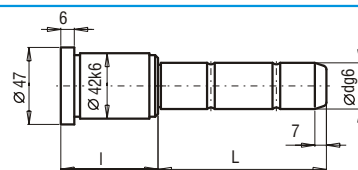
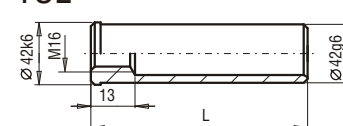
h	FCPK-1
76	
86	
96	
116	
136	

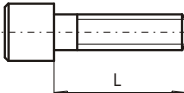
**PK 06**


PK 06/318x696x	h	FCPK-1			
	27				

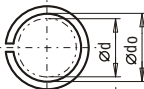
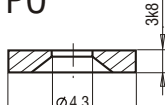
**PK 07A**


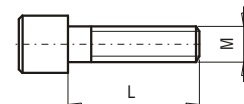
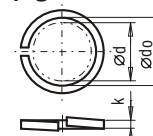
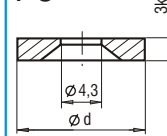
PK 07A/318x696x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


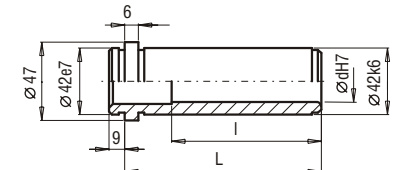
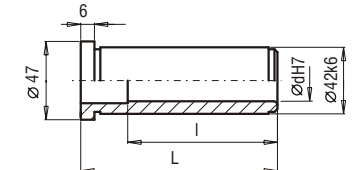
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32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160					
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180					
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200					
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220					
		185	SLE-..027185			295	SLE-..066295			36	55			SXE-..036055	96	55	SXE-..096055	120	TUE-42120	260	TUE-42260			
		245	SLE-..027245			75	SLE-..076055				75			SXE-..036075		75	SXE-..096075	140	TUE-42140	300	TUE-42300			
		285	SLE-..027285			75	SLE-..076075				95			SXE-..036095		95	SXE-..096095							
		36	55			SLE-..036055	95				SLE-..076095			115		SXE-..036115	115	SXE-..096115	SM					
			75			SLE-..036075	115				SLE-..076115			155		SXE-..036155	155	SXE-..096155						
			95			SLE-..036095	155				SLE-..076155			46		55	SXE-..046045	116			75	SXE-..116075		
115	SLE-..036115		225	SLE-..076225	65	SXE-..046065	115	SXE-..116115																
155	SLE-..036155		86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155															
245	SLE-..036245		75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095		25	SM-10025	80			SM-16080	220				SM-16220			
285	SLE-..036285		95	SLE-..086095	125	SXE-..046125		115	SXE-..136115		20	SM-16020	90			SM-16090	230				SM-16230			
46	45		SLE-..046045	115	SLE-..086115	165		SXE-..046165	155	SXE-..136155	22	SM-16022	100		SM-16100	240	SM-16240							
	65		SLE-..046065	155	SLE-..086155	56		55	SXE-..056055	155	SXE-..156115	25	SM-16025		110	SM-16110	250				SM-16250			
	85		SLE-..046085	225	SLE-..086225			75	SXE-..056075	155	SXE-..156155	30	SM-16030		120	SM-16120	260				SM-16260			
	105	SLE-..046105	96	55	SLE-..096055			95	SXE-..056095	35	SM-16035	130	SM-16130		280	SM-16280								
	125	SLE-..046125	75	SLE-..096075	115			SXE-..056115	40	SM-16040	140	SM-16140	300		SM-16300									
	165	SLE-..046165	95	SLE-..096095	135			SXE-..056135	45	SM-16045	150	SM-16150	320	SM-16320										
	245	SLE-..046245	115	SLE-..096115	175			SXE-..056175	50	SM-16050	160	SM-16160	340	SM-16340										
	285	SLE-..046285	155	SLE-..096155	66			55	SXE-..066055	55	SM-16055	170	SM-16170	360	SM-16360									
	56	55	SLE-..056055	205			SLE-..096205	75	SXE-..066075	60	SM-16060	180	SM-16180	380	SM-16380									
		75	SLE-..056075	116			75	SLE-..116075	95	SXE-..066095	65	SM-16065	190	SM-16190	400	SM-16400								
95		SLE-..056095	115	SLE-..116115			115	SXE-..066115	70	SM-16070	200	SM-16200	420	SM-16420										
115		SLE-..056115	136	95		SLE-..136095	135	SXE-..066135	75	SM-16075	210	SM-16210												
135		SLE-..056135	115	SLE-..136115		76	55	SXE-..076055																
175		SLE-..056175	155	SLE-..136155			75	SXE-..076075																
245		SLE-..056245	156	115			SLE-..156115	95	SXE-..076095															
295		SLE-..056295	155	SLE-..156155			115	SXE-..076115																
66		55	SLE-..066055	196			155	SLE-..196155	155	SXE-..076155														
		75	SLE-..066075		195		SLE-..196195	55	SXE-..086055															
	95	SLE-..066095																						

L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	80	SM-16080	220	SM-16220
20	SM-16020	90	SM-16090	230	SM-16230
22	SM-16022	100	SM-16100	240	SM-16240
25	SM-16025	110	SM-16110	250	SM-16250
30	SM-16030	120	SM-16120	260	SM-16260
35	SM-16035	130	SM-16130	280	SM-16280
40	SM-16040	140	SM-16140	300	SM-16300
45	SM-16045	150	SM-16150	320	SM-16320
50	SM-16050	160	SM-16160	340	SM-16340
55	SM-16055	170	SM-16170	360	SM-16360
60	SM-16060	180	SM-16180	380	SM-16380
65	SM-16065	190	SM-16190	400	SM-16400
70	SM-16070	200	SM-16200	420	SM-16420
75	SM-16075	210	SM-16210		

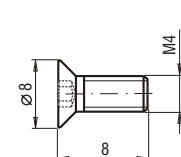
PS	PO
	

**SM**

**PS**

**P0**


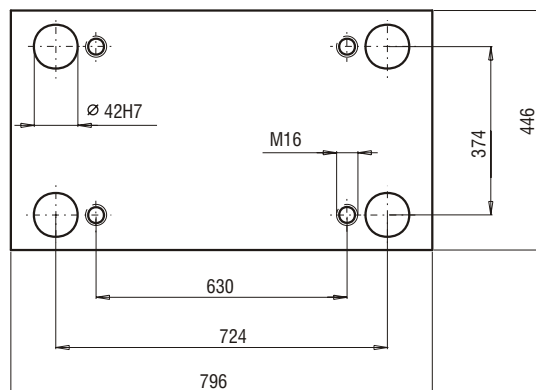
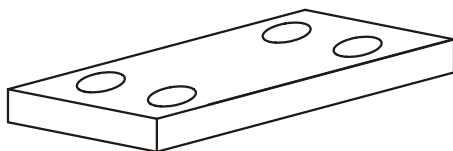
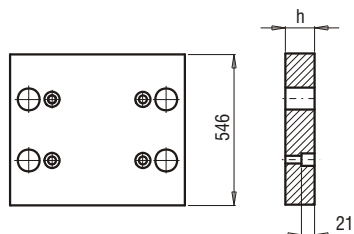
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

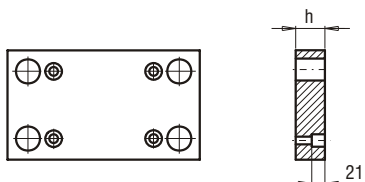
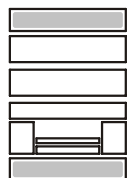
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**54**

**PK 11**


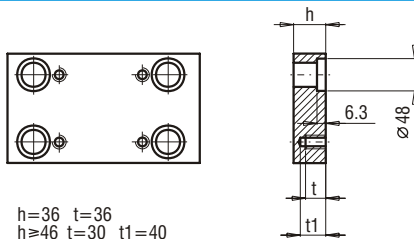
PK 11/546x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 22**


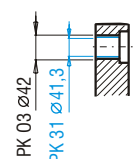
PK 22/446x796x

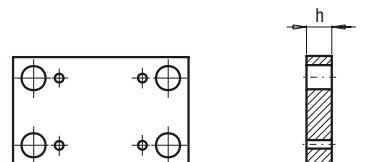
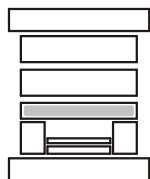
h	FCPK-1	FCPK-2			
36					
46					

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

 PK 03/446x796x  
 PK 31/446x796x

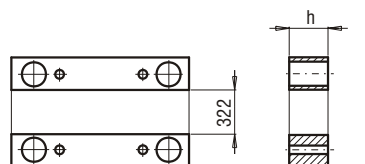
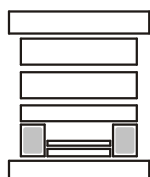
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
76					
96					
116					
136					
156					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


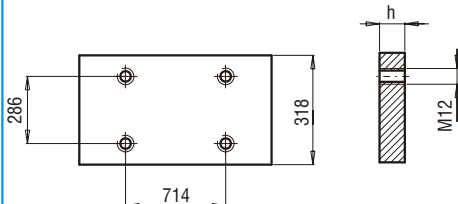
PK 04/446x796x

h	FCPK-1	FCPK-2			
46					
56					

**PK 05**


PK 05/62x796x

h	FCPK-1				
86					
96					
116					
136					
156					

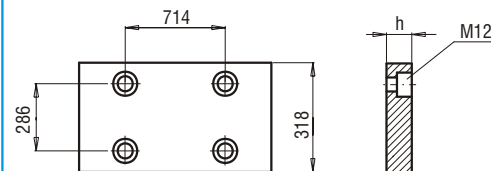
**PK 06**


PK 06/318x796x

h

FCPK-1

27

**PK 07**


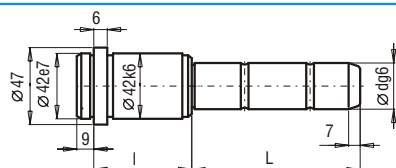
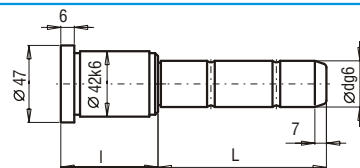
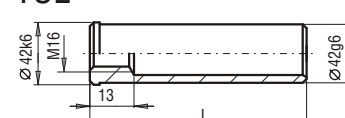
PK 07/318x796x

h

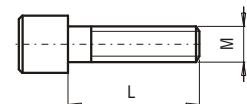
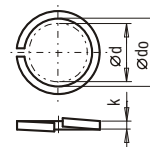
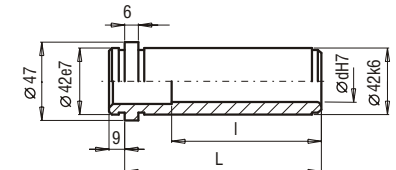
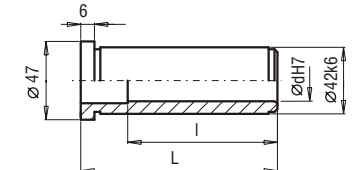
FCPK-1

FCPK-2

36

**SLE**

**SXE**

**TUE**


d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			36	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245		76	55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
	36	55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155		86	55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	40	SM-12040	80	SM-16080
	46	45	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			155	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105		96	55	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
	56	55	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075		116	75	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135		136	95	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			75	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
	66	55	SLE-..066055		156	115	SLE-..156115			115	SXE-..076115								
		75	SLE-..066075			155	SLE-..156155			155	SXE-..076155								
		95	SLE-..066095		196	155	SLE-..196155			86	SXE-..086055								
					195	SLE-..196195													

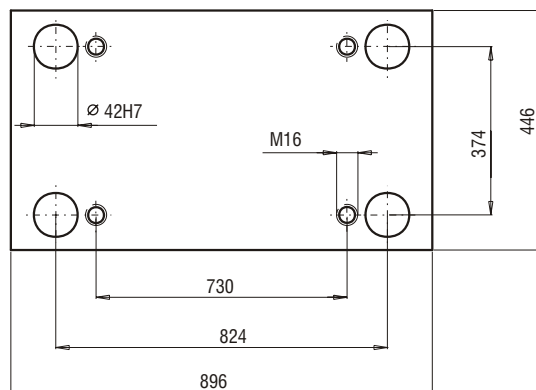
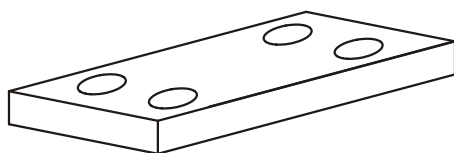
**SM**

**PS**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

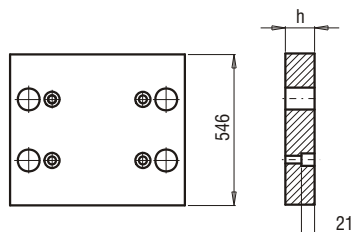
d	PN-77/M-82008
d <sub>0</sub> x k	
12 16	12x2,5 16x3,5



**55**



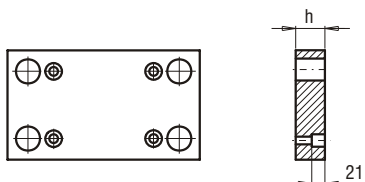
**PK 11**



PK 11/546x896x

h	FCPK-1	FCPK-2			
46					
56					

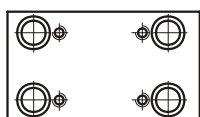
**PK 22**



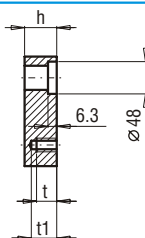
PK 22/446x896x

h	FCPK-1	FCPK-2			
36					
46					

**PK 03**  
**PK 31**



h=36 t=36  
h≥46 t=30 t1=40



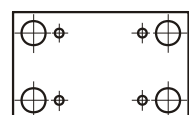
PK 03/446x896x

PK 31/446x896x

h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
76					
96					
116					
136					
156					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

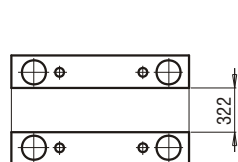
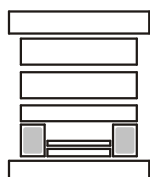
**PK 04**



PK 04/446x896x

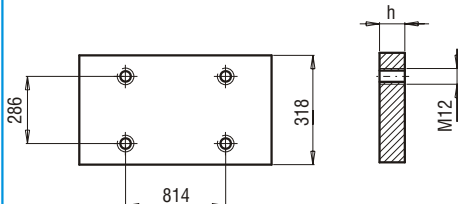
h	FCPK-1	FCPK-2			
46					
56					

**PK 05**



PK 05/62x896x

h	FCPK-1				
86					
96					
116					
136					
156					

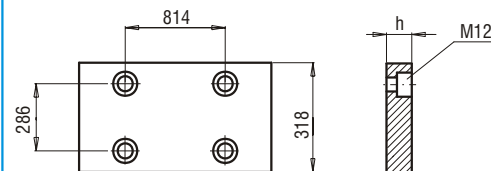
**PK 06**


PK 06/318x896x

h

FCPK-1

27

**PK 07**


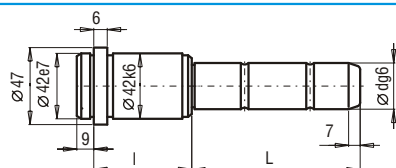
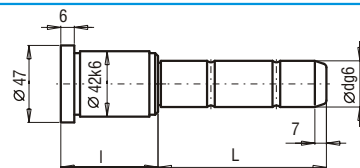
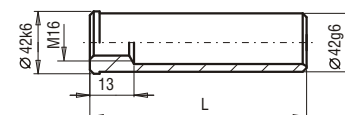
PK 07/318x896x

h

FCPK-1

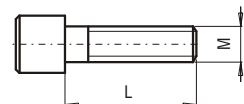
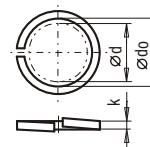
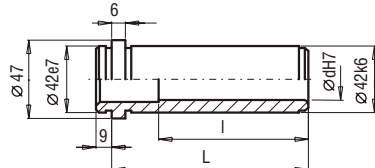
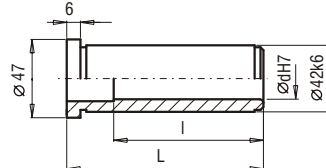
FCPK-2

36

**SLE**

**SXE**

**TUE**


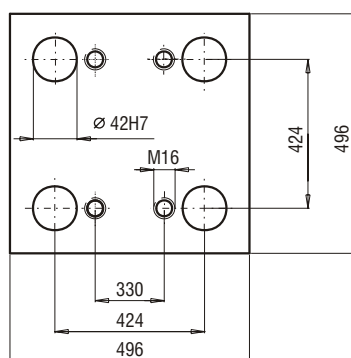
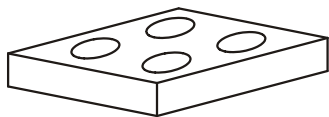
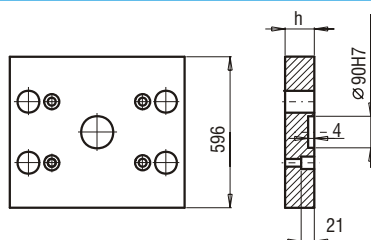
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...	
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160	
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180	
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200	
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220	
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260	
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095					
		55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115					
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155					
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	75	SXE-..116075				
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115													
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155												
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095													
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115													
155	SLE-..036155	115	SLE-..086115	165	SXE-..046165	155	SXE-..136155													
46	45	SLE-..046045	155	SLE-..086155	56	55	SXE-..056055	156	115	SXE-..156115	22	SM-16022	100	SM-16100	240	SM-16240				
65	SLE-..046065	225	SLE-..086225	75	SXE-..056075	75	SXE-..056095	155	SXE-..156155	25	SM-16025	110	SM-16110	250	SM-16250					
85	SLE-..046085	96	55	SLE-..096055	95	SXE-..056095	135	SXE-..056135	196	155	SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260			
105	SLE-..046105	75	SLE-..096075	115	SXE-..056115	115	SXE-..056115	175	SXE-..066175	195	SXE-..196195	35	SM-16035	130	SM-16130	280	SM-16280			
125	SLE-..046125	95	SLE-..096095	135	SXE-..056135	175	SXE-..066175					40	SM-16040	140	SM-16140	300	SM-16300			
165	SLE-..046165	115	SLE-..096115	155	SXE-..056155	66	55	SXE-..066055				45	SM-16045	150	SM-16150	320	SM-16320			
245	SLE-..046245	155	SLE-..096155	205	SLE-..096205	75	SXE-..066075	55	SXE-..066095			50	SM-16050	160	SM-16160	340	SM-16340			
285	SLE-..046285	116	75	SLE-..116075	95	SXE-..066095					55	SM-16055	170	SM-16170	360	SM-16360				
56	55	SLE-..056055	115	SLE-..116115	115	SXE-..066115					60	SM-16060	180	SM-16180	380	SM-16380				
75	SLE-..056075	136	95	SLE-..136095	135	SXE-..066135					65	SM-16065	190	SM-16190	400	SM-16400				
95	SLE-..056095			155	SLE-..116155	175	SXE-..066175					70	SM-16070	200	SM-16200	420	SM-16420			
115	SLE-..056115			115	SLE-..136115	76	55	SXE-..076055				75	SM-16075	210	SM-16210					
135	SLE-..056135			155	SLE-..136155	86	55	SXE-..086055												
175	SLE-..056175			155	SLE-..156155			75	SXE-..076075											
245	SLE-..056245			156	115	SLE-..156115			95	SXE-..076095										
295	SLE-..056295			155	SLE-..156155			115	SXE-..076115											
66	55	SLE-..066055		196	155	SLE-..196155			155	SXE-..076155										
75	SLE-..066075			195	SLE-..196195			55	SXE-..086055											
95	SLE-..066095																			

SM

**SM**

**PS**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

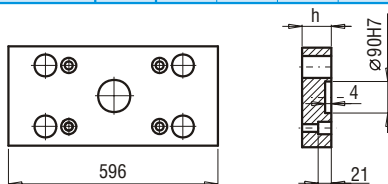
d	PN-77/M-82008
12 16	d <sub>0</sub> x k
12x2,5	16x3,5

**41**

**PK 01**  
**PK 11**

**PK 01/596x496x**

h	FCPK-1	FCPK-2
36		
46		
56		

**PK 11/596x496x**

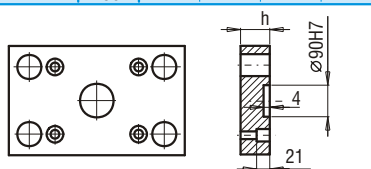
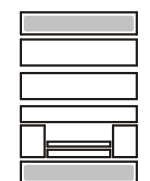
h	FCPK-1	FCPK-2
36		
46		
56		

**PK 02**  
**PK 12**

**PK 02/496x596x**

h	FCPK-1	FCPK-2
36		
46		
56		

**PK 12/496x596x**

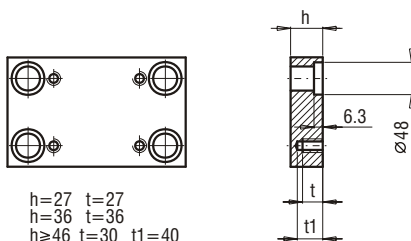
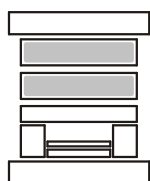
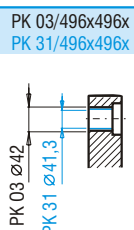
h	FCPK-1	FCPK-2
36		
46		
56		

**PK 21**  
**PK 22**

**PK 21/496x496x**

h	FCPK-1	FCPK-2
27		
36		
46		

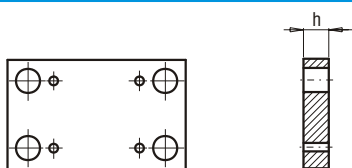
**PK 22/496x496x**

h	FCPK-1	FCPK-2
27		
36		
46		

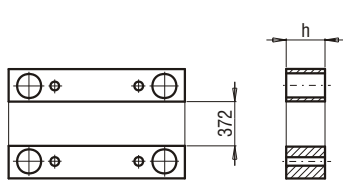
**PK 03**  
**PK 31**

=27 t=27  
h=36 t=36  
h≥46 t=30 t1=40


h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

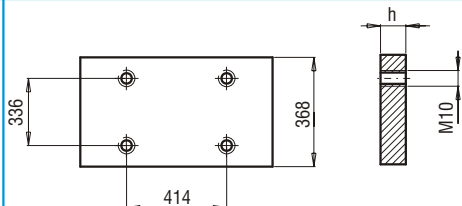
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**

**PK 04/496x496x**

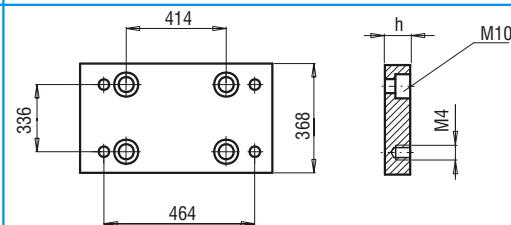
h	FCPK-1	FCPK-2
46		
56		

**PK 05**

**PK 05/62x496x**

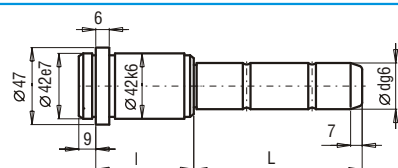
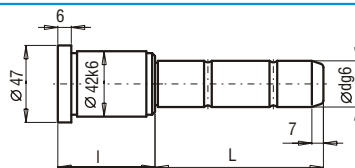
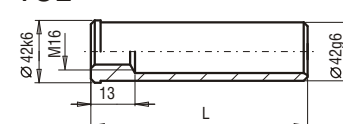
h	FCPK-1
66	
76	
86	
96	
116	
136	

**PK 06**


PK 06/368x496x	h	FCPK-1			
	27				

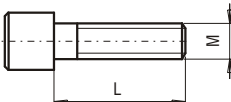
**PK 07A**


PK 07A/368x496x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


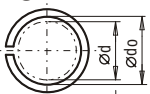
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...	
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160	
		65	SLE-..027065			135	SLE-..066135			95	SXE-..086095			60	TUE-42060	180	TUE-42180			
		105	SLE-..027105			175	SLE-..066175			115	SXE-..086115			80	TUE-42080	200	TUE-42200			
		165	SLE-..027165			245	SLE-..066245			155	SXE-..086155			100	TUE-42100	220	TUE-42220			
		185	SLE-..027185			295	SLE-..066295			55	SXE-..096055			120	TUE-42120	260	TUE-42260			
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095					
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155					
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075			
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115													
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155												
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095	25	SM-10025	80	SM-16080	220	SM-16220							
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	165	SXE-..046165	115	SXE-..136115	115	SXE-..136115	230	SM-16230							
46	45	45	SLE-..046045	46	56	55	SXE-..056055	56	55	55	SXE-..056055	196	155	155	SXE-..196155	30	SM-16030	100	SM-16100	
		65	SLE-..046065			75	SXE-..056075			75	SXE-..056095			155	SXE-..156155	20	SM-16020	90	SM-16090	
		85	SLE-..046085			95	SXE-..056095			115	SXE-..056115			25	SM-16025	110	SM-16110			
		105	SLE-..046105			115	SXE-..056115			135	SXE-..056135			30	SM-16030	120	SM-16120			
		125	SLE-..046125			175	SXE-..056175			175	SXE-..066175			35	SM-16035	130	SM-16130			
		165	SLE-..046165			66	55			SXE-..066055	40			SM-16040	140	SM-16140				
		245	SLE-..046245			75	SXE-..066075			45	SM-16045			150	SM-16150					
		285	SLE-..046285			95	SXE-..066095			50	SM-16050			160	SM-16160					
		56	55			SLE-..056055	116			75	SLE-..116075			55	SM-16055	170	SM-16170			
		75	SLE-..056075			115	SLE-..116115			60	SM-16060			180	SM-16180					
95	SLE-..056095	136	95	SLE-..136095	115	SLE-..136115	65	SM-16065	190	SM-16190										
115	SLE-..056115	115	SLE-..136115	135	SXE-..066135	70	SM-16070	200	SM-16200											
135	SLE-..056135	155	SLE-..136155	175	SXE-..066175	75	SM-16075	210	SM-16210											
175	SLE-..056175	156	115	SLE-..156115	76	55	SXE-..076055													
245	SLE-..056245	196	155	SLE-..156155	75	SXE-..076075														
295	SLE-..056295	155	SLE-..156155	95	SXE-..076095															
66	55	55	SLE-..066055	66	75	55	SXE-..066055	75	55	55	SXE-..066055	75	55	55	SXE-..086055					
		75	SLE-..066075			75	SXE-..076075			95	SXE-..076095									
		95	SLE-..066095			115	SXE-..076115			115	SXE-..076115									
		75	SLE-..066075			155	SXE-..076155			155	SXE-..076155									

SM

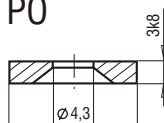


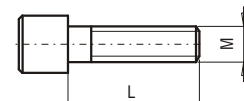
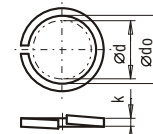
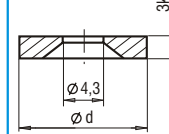
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	80	SM-16080	220	SM-16220
20	SM-16020	90	SM-16090	230	SM-16230
22	SM-16022	100	SM-16100	240	SM-16240
25	SM-16025	110	SM-16110	250	SM-16250
30	SM-16030	120	SM-16120	260	SM-16260
35	SM-16035	130	SM-16130	280	SM-16280
40	SM-16040	140	SM-16140	300	SM-16300
45	SM-16045	150	SM-16150	320	SM-16320
50	SM-16050	160	SM-16160	340	SM-16340
55	SM-16055	170	SM-16170	360	SM-16360
60	SM-16060	180	SM-16180	380	SM-16380
65	SM-16065	190	SM-16190	400	SM-16400
70	SM-16070	200	SM-16200	420	SM-16420
75	SM-16075	210	SM-16210		

PS

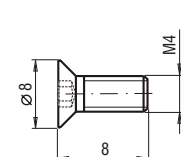


P0

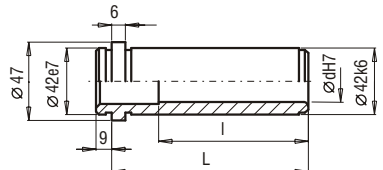
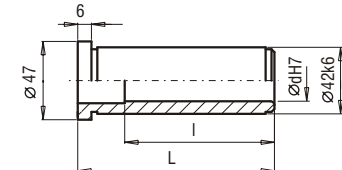


**SM**

**PS**

**P0**


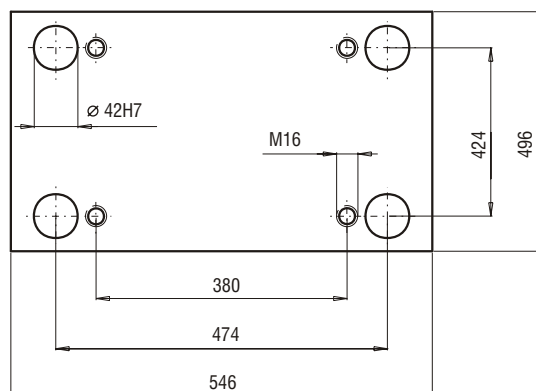
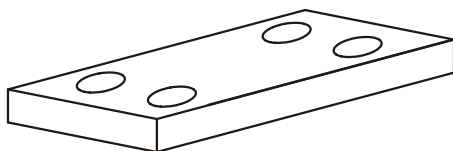
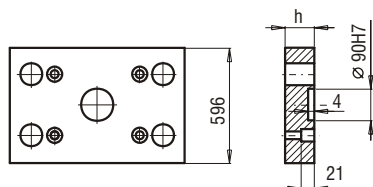
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2	16.3x3.2	28
			P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

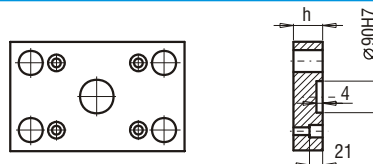
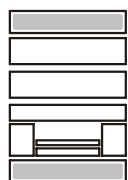
**42**

**PK 01**  
**PK 11**


PK 01/596x546x

h	FCPK-1	FCPK-2
36		
46		
56		

PK 11/596x546x

h	FCPK-1	FCPK-2
36		
46		
56		

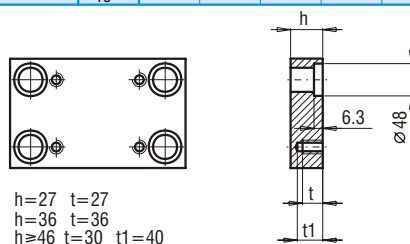
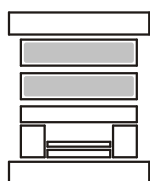
**PK 21**  
**PK 22**


PK 21/496x546x

h	FCPK-1	FCPK-2
27		
36		
46		

PK 22/496x546x

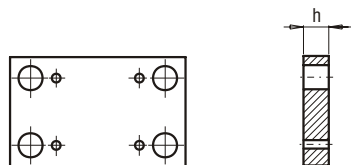
h	FCPK-1	FCPK-2
27		
36		
46		

**PK 03**  
**PK 31**

 $h=27 \quad t=27$   
 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

 PK 03/496x546x  
 PK 31/496x546x

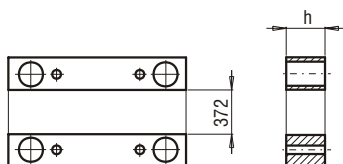
h	FCPK-1	FCPK-2	FCPK-3	*	*
27					
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


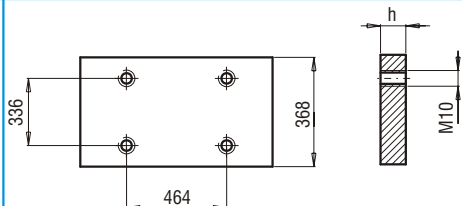
PK 04/496x546x

h	FCPK-1	FCPK-2
46		
56		

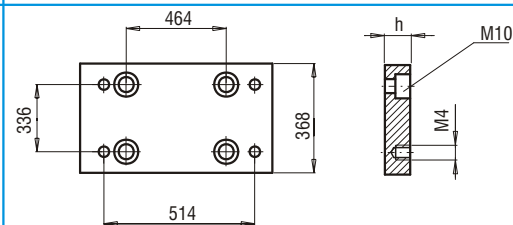
**PK 05**


PK 05/62x546x

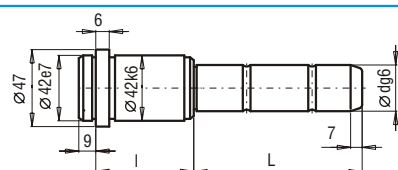
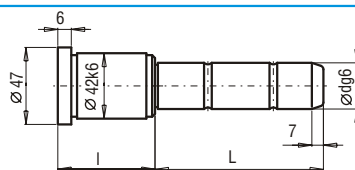
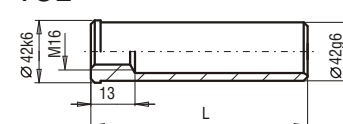
h	FCPK-1
66	
76	
86	
96	
116	
136	

**PK 06**


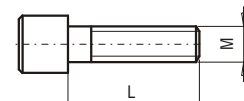
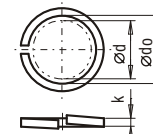
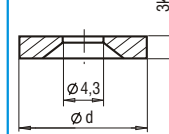
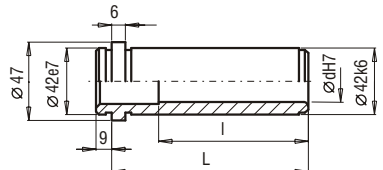
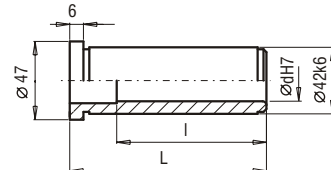
PK 06/368x546x	h	FCPK-1			
	27				

**PK 07A**


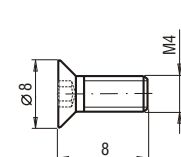
PK 07A/368x546x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


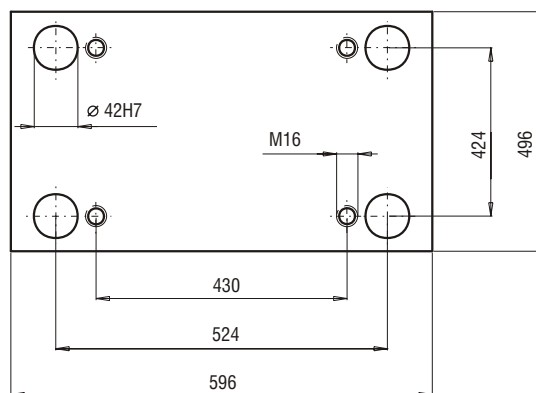
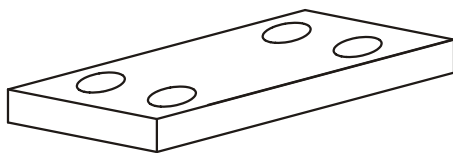
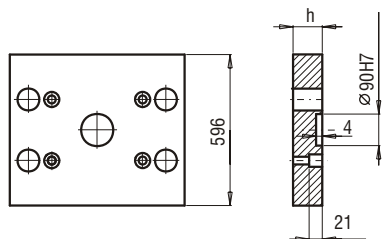
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156115	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


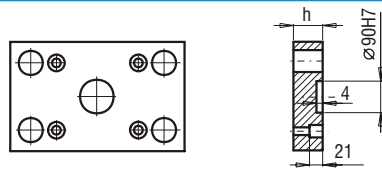
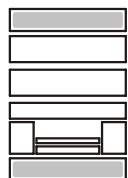
d	DIN 7991 d x L
M4	M4 x 8

**43**

**PK 01**  
**PK 11**

**PK 01/596x596x**

h	FCPK-1	FCPK-2
46		
56		

**PK 11/596x596x**

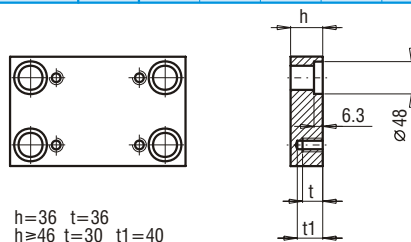
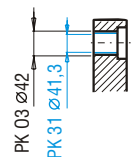
h	FCPK-1	FCPK-2
46		
56		

**PK 21**  
**PK 22**

**PK 21/496x596x**

h	FCPK-1	FCPK-2
36		
46		

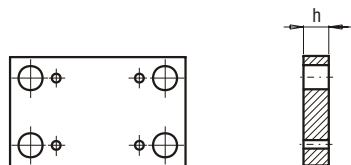
**PK 22/496x596x**

h	FCPK-1	FCPK-2
36		
46		

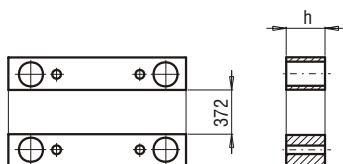
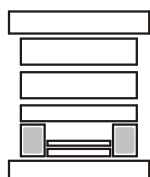
**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 
**PK 03/496x596x**  
**PK 31/496x596x**


h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

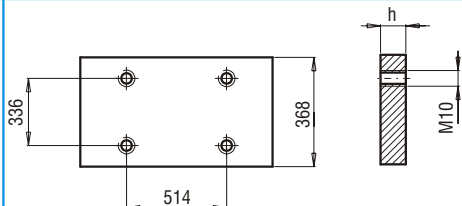
**PK 04**

**PK 04/496x596x**

h	FCPK-1	FCPK-2
46		
56		

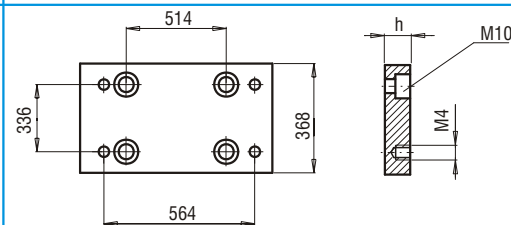
**PK 05**

**PK 05/62x596x**

h	FCPK-1
76	
86	
96	
116	
136	

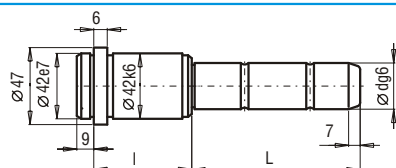
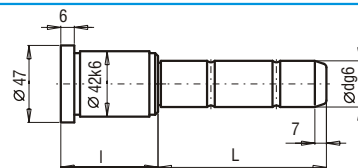
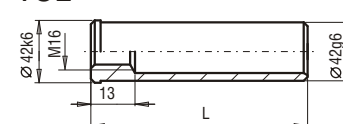


**PK 06**


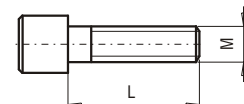
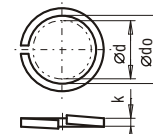
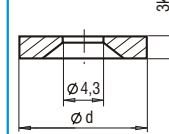
PK 06/368x596x	h	FCPK-1			
	27				

**PK 07A**


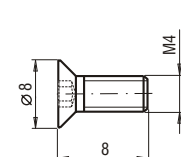
PK 07A/368x596x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


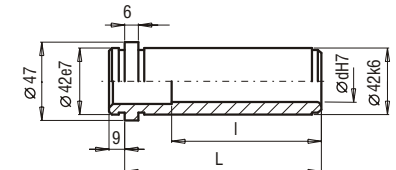
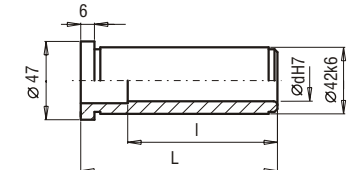
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**


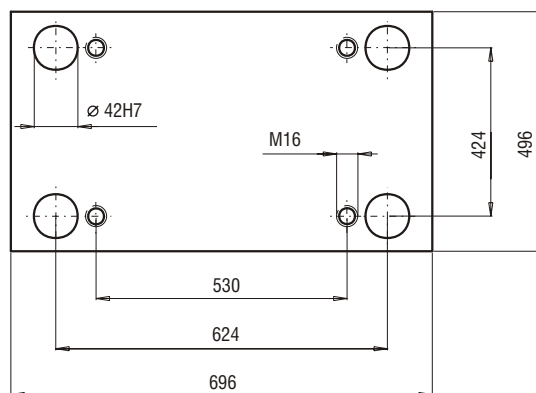
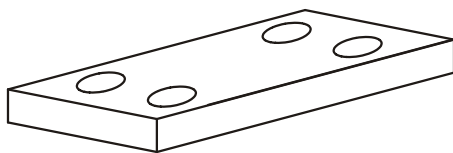
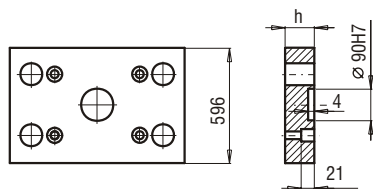
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

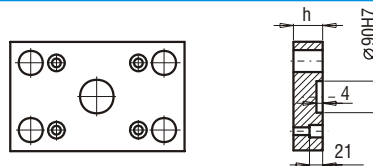
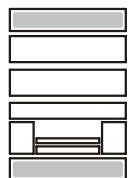
**44**

**PK 01**  
**PK 11**


PK 01/596x696x

h	FCPK-1	FCPK-2
46		
56		

PK 11/596x696x

h	FCPK-1	FCPK-2
46		
56		

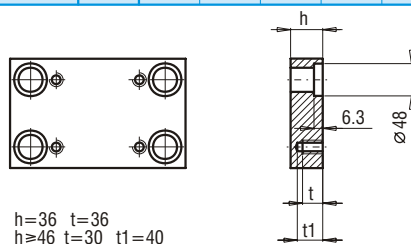
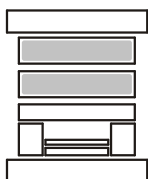
**PK 21**  
**PK 22**


PK 21/496x696x

h	FCPK-1	FCPK-2
36		
46		

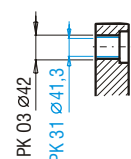
PK 22/496x696x

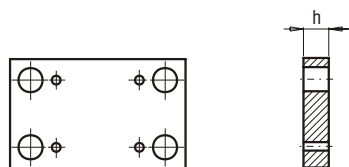
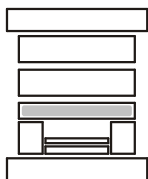
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/496x696x  
 PK 31/496x696x

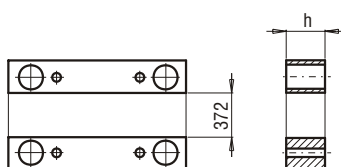
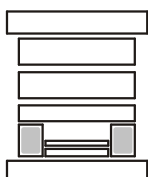
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


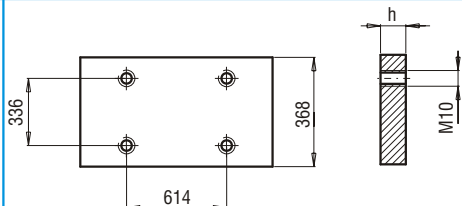
PK 04/496x696x

h	FCPK-1	FCPK-2
46		
56		

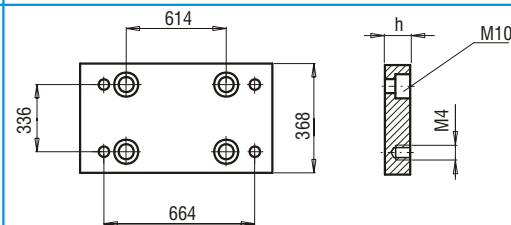
**PK 05**


PK 05/62x696x

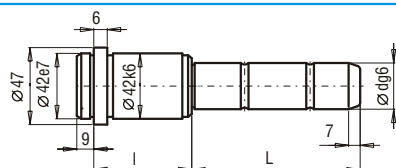
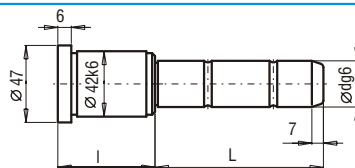
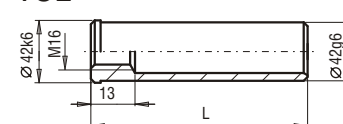
h	FCPK-1
76	
86	
96	
116	
136	

**PK 06**


PK 06/368x696x	h	FCPK-1			
	27				

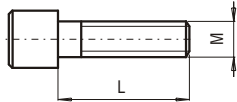
**PK 07A**


PK 07A/368x696x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


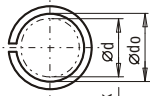
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...	
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160	
		65	SLE-..027065			135	SLE-..066135			95	SXE-..086095			60	TUE-42060	180	TUE-42180			
		105	SLE-..027105			175	SLE-..066175			115	SXE-..086115			80	TUE-42080	200	TUE-42200			
		165	SLE-..027165			245	SLE-..066245			155	SXE-..086155			100	TUE-42100	220	TUE-42220			
		185	SLE-..027185			295	SLE-..066295			55	SXE-..096055			120	TUE-42120	260	TUE-42260			
		245	SLE-..027245			76	55			SLE-..076055	75			SXE-..036075	75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095					
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155					
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075			
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115													
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155												
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	95	SXE-..136095	25	SM-10025	80	SM-16080	220	SM-16220							
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	75	SLE-..086095	115	SXE-..136115	20	SM-16020	90	SM-16090	230	SM-16230					
46	45	SLE-..046045	115	SLE-..086115	165	SXE-..046165	56	55	SXE-..056055	155	SXE-..136155	22	SM-16022	100	SM-16100	240	SM-16240			
65	SLE-..046065	155	SLE-..086155	55	SXE-..056075	75	SXE-..056095	75	SXE-..056115	155	SXE-..156155	25	SM-16025	110	SM-16110	250	SM-16250			
85	SLE-..046085	225	SLE-..086225	95	SXE-..056095	95	SXE-..056115	196	155	SXE-..196155	30	SM-16030	120	SM-16120	260	SM-16260				
105	SLE-..046105	96	55	SLE-..096055	115	SXE-..056115	115	SXE-..056135	195	SXE-..196195	35	SM-16035	130	SM-16130	280	SM-16280				
125	SLE-..046125	75	SLE-..096075	95	SLE-..096095	135	SXE-..056135				40	SM-16040	140	SM-16140	300	SM-16300				
165	SLE-..046165	115	SLE-..096115	115	SLE-..096115	175	SXE-..056175				45	SM-16045	150	SM-16150	320	SM-16320				
245	SLE-..046245	155	SLE-..096155	155	SLE-..096155	66	55	SXE-..066055			50	SM-16050	160	SM-16160	340	SM-16340				
285	SLE-..046285	205	SLE-..096205	75	SXE-..066075	95	SXE-..066095				55	SM-16055	170	SM-16170	360	SM-16360				
56	55	SLE-..056055	116	75	SLE-..116075	115	SXE-..066115				60	SM-16060	180	SM-16180	380	SM-16380				
75	SLE-..056075	115	SLE-..116115	135	SXE-..066135	155	SXE-..066155				65	SM-16065	190	SM-16190	400	SM-16400				
95	SLE-..056095	155	SLE-..116155	175	SXE-..066175	76	55	SXE-..076055			70	SM-16070	200	SM-16200	420	SM-16420				
115	SLE-..056115	136	95	SLE-..136095	115	SLE-..136115	75	SXE-..076075			75	SM-16075	210	SM-16210						
135	SLE-..056135	115	SLE-..136115	155	SLE-..136155	155	SXE-..076115													
175	SLE-..056175	155	SLE-..136155	156	115	SLE-..156115	95	SXE-..076095												
245	SLE-..056245	196	155	SLE-..156155	155	SLE-..196155	115	SXE-..076115												
295	SLE-..056295	195	SLE-..196195	155	SLE-..196155	86	55	SXE-..086055												
66	55	SLE-..066055																		
75	SLE-..066075																			
95	SLE-..066095																			

SM

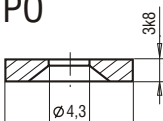


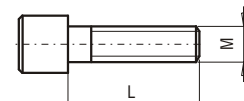
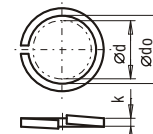
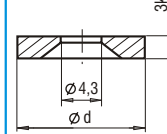
L	SM-M x L	L	SM-M x L	L	SM-M x L
25	SM-10025	80	SM-16080	220	SM-16220
20	SM-16020	90	SM-16090	230	SM-16230
22	SM-16022	100	SM-16100	240	SM-16240
25	SM-16025	110	SM-16110	250	SM-16250
30	SM-16030	120	SM-16120	260	SM-16260
35	SM-16035	130	SM-16130	280	SM-16280
40	SM-16040	140	SM-16140	300	SM-16300
45	SM-16045	150	SM-16150	320	SM-16320
50	SM-16050	160	SM-16160	340	SM-16340
55	SM-16055	170	SM-16170	360	SM-16360
60	SM-16060	180	SM-16180	380	SM-16380
65	SM-16065	190	SM-16190	400	SM-16400
70	SM-16070	200	SM-16200	420	SM-16420
75	SM-16075	210	SM-16210		

PS

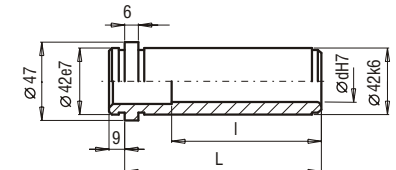
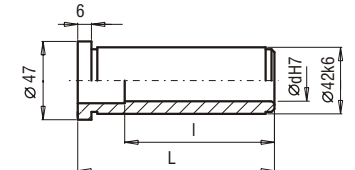


P0

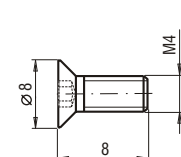


**SM**

**PS**

**P0**


d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

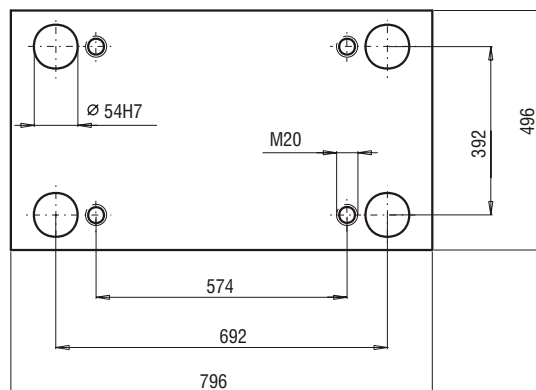
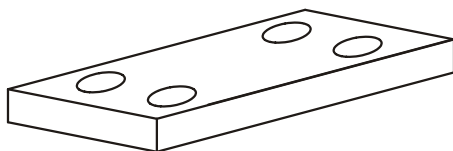
**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

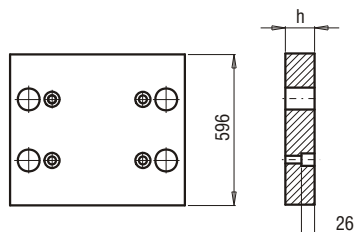
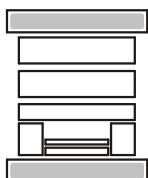
**WK**


d	DIN 7991 d x L
M4	M4 x 8

**56**



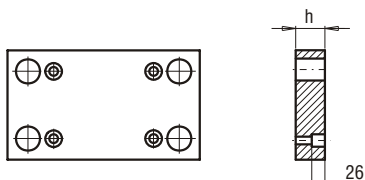
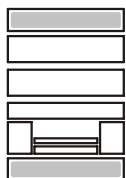
PK 11



PK 11/596x796x

h	FCPK-1	FCPK-2			
56					

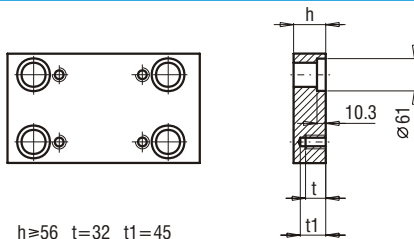
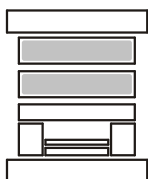
PK 22



PK 22/496x796x

h	FCPK-1	FCPK-2			
46					

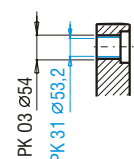
PK 03  
PK 31



$h \geq 56$   $t = 32$   $t_1 = 45$

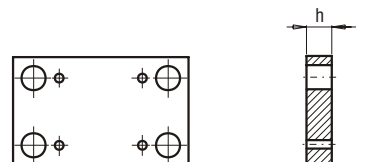
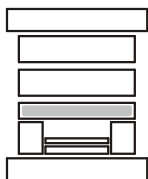
PK 03/496x796x  
PK 31/496x796x

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					



\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

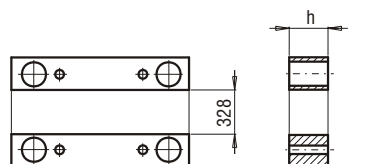
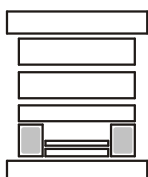
PK 04



PK 04/496x796x

h	FCPK-1	FCPK-2			
56					
76					

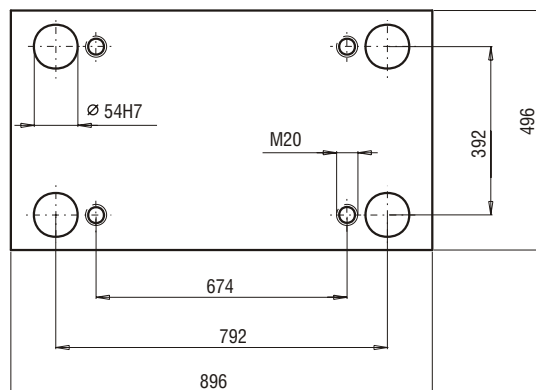
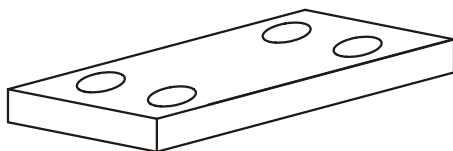
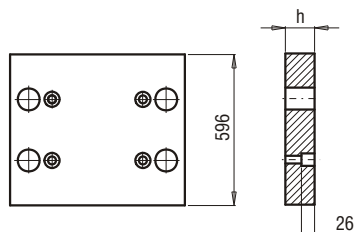
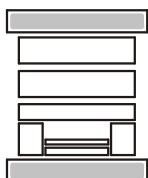
PK 05



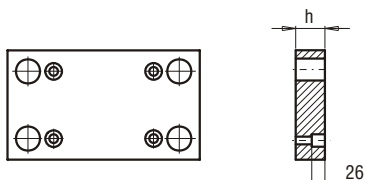
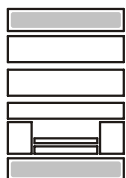
PK 05/84x796x

h	FCPK-1				
96					
116					
136					
156					

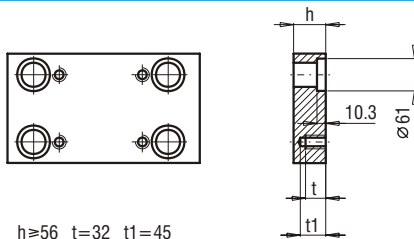
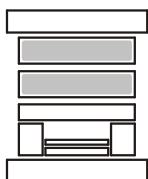


**57**

**PK 11**

**PK 11/596x896x**

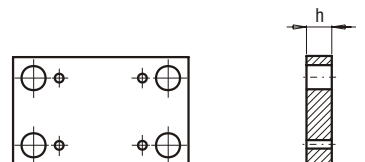
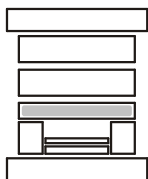
h	FCPK-1	FCPK-2			
56					

**PK 22**

**PK 22/496x896x**

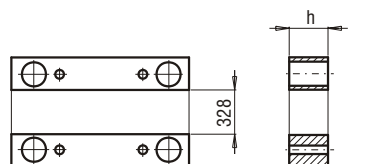
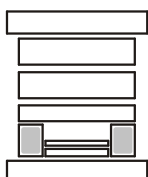
h	FCPK-1	FCPK-2			
46					

**PK 03**  
**PK 31**

**PK 03/496x896x**
**PK 31/496x896x**

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

**\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11**
**\*For other steel types - see page no I.6 ÷ I.11**
**PK 04**

**PK 04/496x896x**

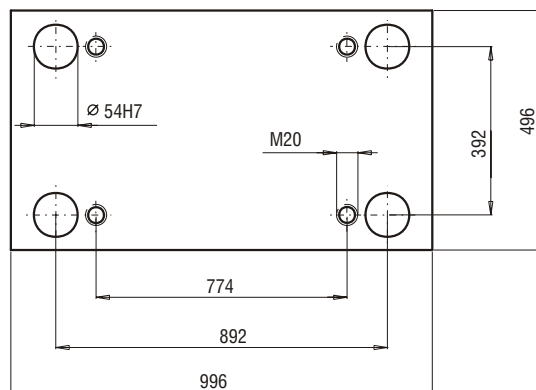
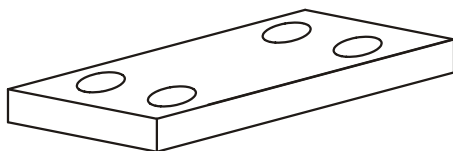
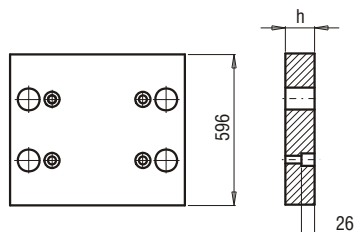
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**

**PK 05/84x896x**

h	FCPK-1				
96					
116					
136					
156					

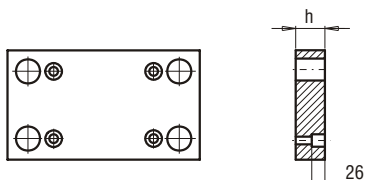
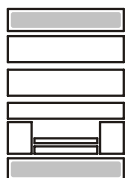




**58**

**PK 11**


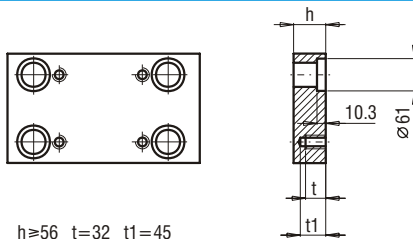
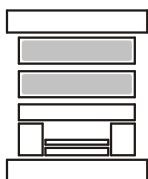
PK 11/596x996x

h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/496x996x

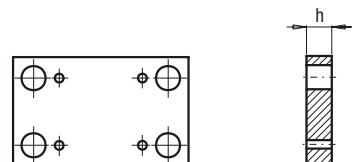
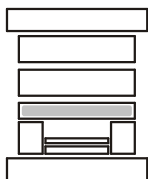
h	FCPK-1	FCPK-2			
46					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/496x996x  
 PK 31/496x996x

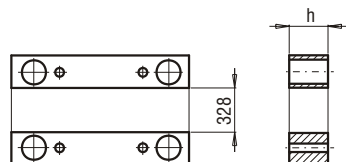
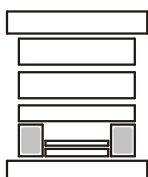
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/496x996x

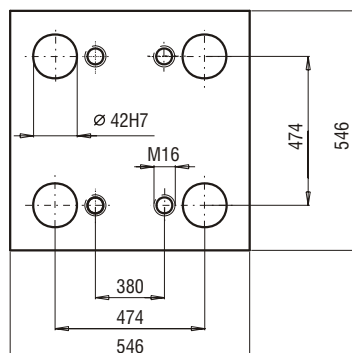
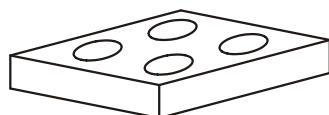
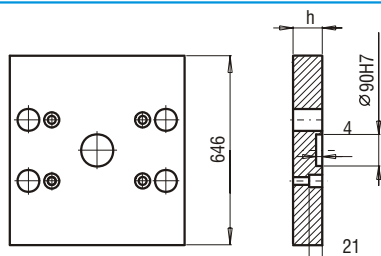
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**


PK 05/84x996x

h	FCPK-1				
96					
116					
136					
156					



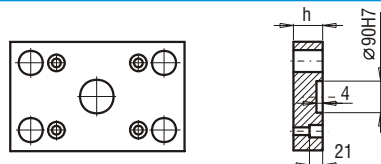
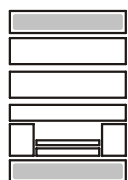
**45**

**PK 01**  
**PK 11**


PK 01/646x546x

h	FCPK-1	FCPK-2
46		
56		

PK 11/646x546x

h	FCPK-1	FCPK-2
46		
56		

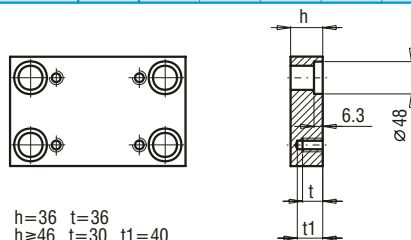
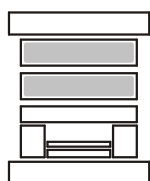
**PK 21**  
**PK 22**


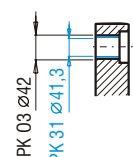
PK 21/546x546x

h	FCPK-1	FCPK-2
36		
46		

PK 22/546x546x

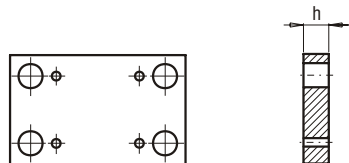
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h=46 \quad t=30 \quad t1=40$ 

 PK 03/546x546x  
 PK 31/546x546x


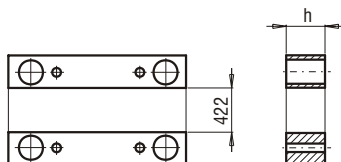
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


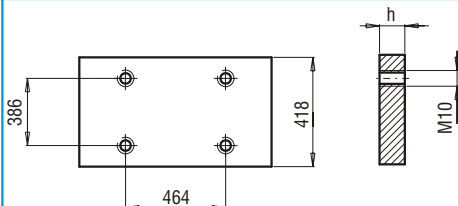
PK 04/546x546x

h	FCPK-1	FCPK-2	FCPK-3
46			
56			

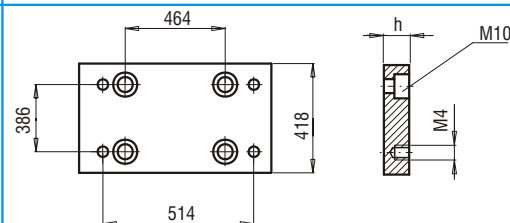
**PK 05**


PK 05/62x546x

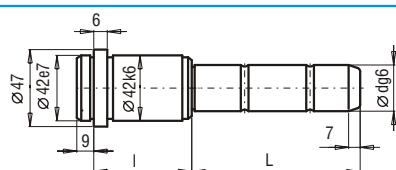
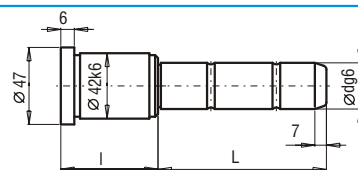
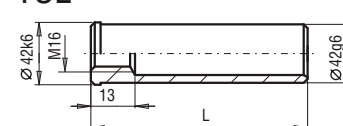
h	FCPK-1
76	
86	
96	
116	
136	

**PK 06**


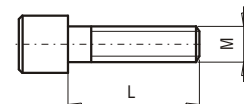
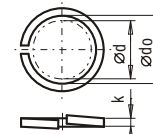
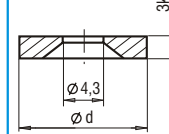
PK 06/418x546x	h	FCPK-1			
	27				

**PK 07A**


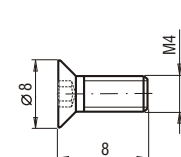
PK 07A/418x546x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


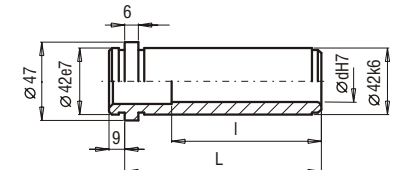
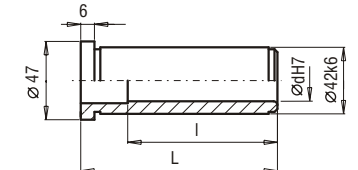
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			36	SXE-..036055			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245		76	55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
	36	55	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155		86	55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095	L	SM-M x L	L	SM-M x L
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
	46	45	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..156115	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156155	25	SM-16025	110	SM-16110
		105	SLE-..046105		96	55	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
	56	55	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075		116	75	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135		136	95	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			155	SLE-..156115			95	SXE-..076095								
	66	55	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075		196	155	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**


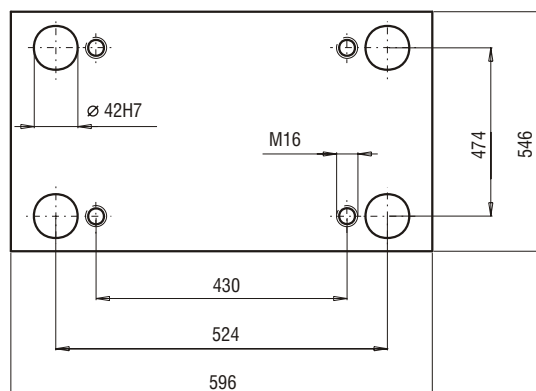
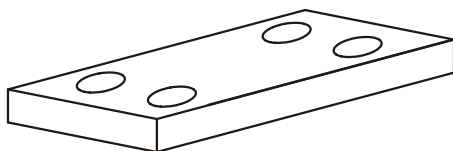
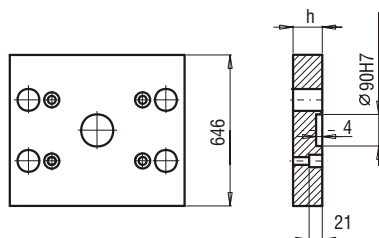
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

**TPE**

**TXE**


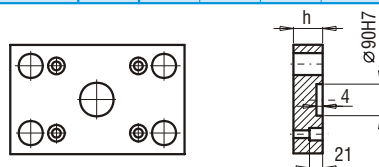
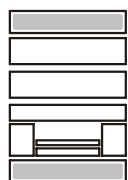
d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**46**

**PK 01**  
**PK 11**

**PK 01/646x596x**

h	FCPK-1	FCPK-2
46		
56		

**PK 11/646x596x**

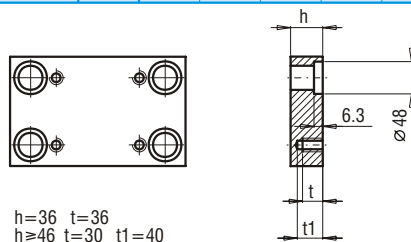
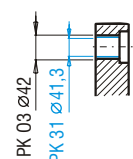
h	FCPK-1	FCPK-2
46		
56		

**PK 21**  
**PK 22**

**PK 21/546x596x**

h	FCPK-1	FCPK-2
36		
46		

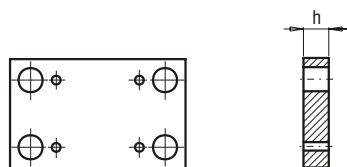
**PK 22/546x596x**

h	FCPK-1	FCPK-2
36		
46		

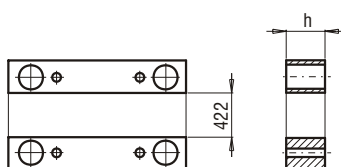
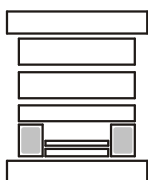
**PK 03**  
**PK 31**

=36 t=36  
h≥46 t=30 t1=40
**PK 03/546x596x**  
**PK 31/546x596x**


h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

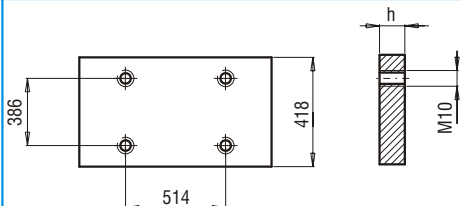
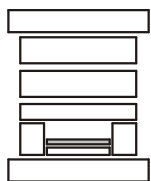
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

**PK 04**

**PK 04/546x596x**

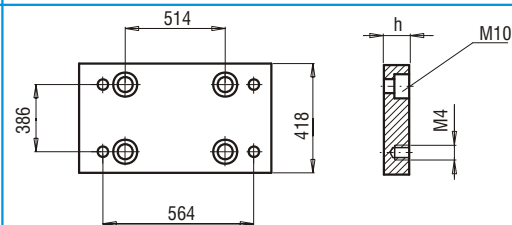
h	FCPK-1	FCPK-2
46		
56		

**PK 05**

**PK 05/62x596x**

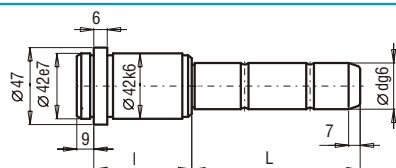
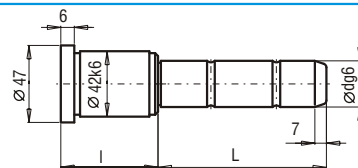
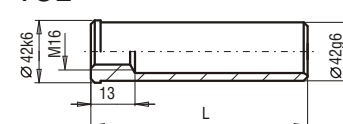
h	FCPK-1
76	
86	
96	
116	
136	

**PK 06**


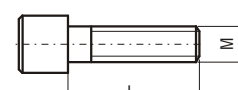
PK 06/418x596x	h	FCPK-1			
	27				

**PK 07A**


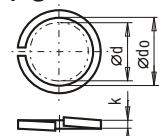
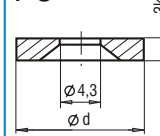
PK 07A/418x596x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


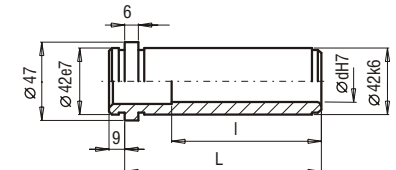
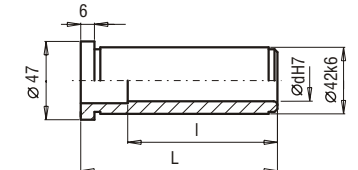
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			55	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115				
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155				
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			156	SXE-..156115				
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			75	SXE-..156155				
		105	SLE-..046105			55	SLE-..096055			95	SXE-..056095			196	SXE-..196155				
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195				
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135								
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175								
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055								
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075								
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095								
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115								
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135								
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175								
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			156	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**


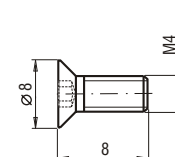
L			L					
L	SM-M x L		L	SM-M x L		L	SM-M x L	
25	SM-10025		80	SM-16080		220	SM-16220	
20	SM-16020		90	SM-16090		230	SM-16230	
22	SM-16022		100	SM-16100		240	SM-16240	
25	SM-16025		110	SM-16110		250	SM-16250	
30	SM-16030		120	SM-16120		260	SM-16260	
35	SM-16035		130	SM-16130		280	SM-16280	
40	SM-16040		140	SM-16140		300	SM-16300	
45	SM-16045		150	SM-16150		320	SM-16320	
50	SM-16050		160	SM-16160		340	SM-16340	
55	SM-16055		170	SM-16170		360	SM-16360	
60	SM-16060		180	SM-16180		380	SM-16380	
65	SM-16065		190	SM-16190		400	SM-16400	
70	SM-16070		200	SM-16200		420	SM-16420	
75	SM-16075		210	SM-16210				

**PS**

**P0**


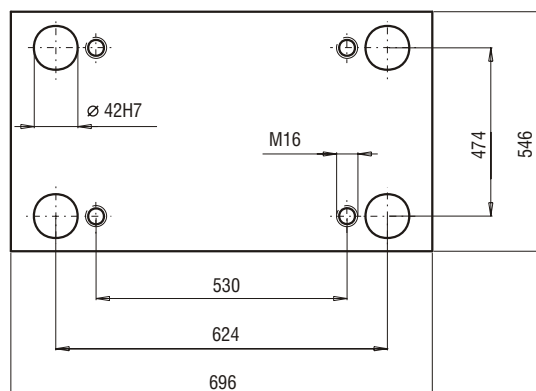
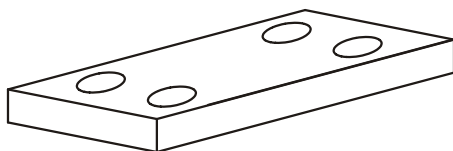
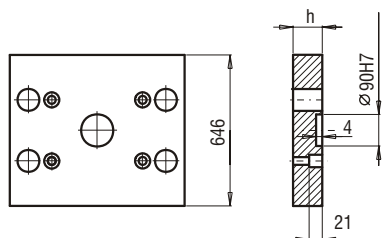
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**WK**


d	DIN 7991 d x L
M4	M4 x 8

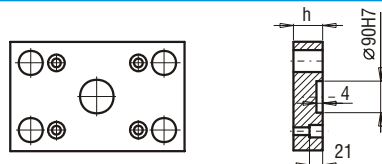
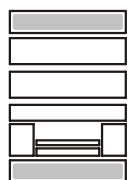
**47**

**PK 01**  
**PK 11**


PK 01/646x696x

h	FCPK-1	FCPK-2
46		
56		

PK 11/646x696x

h	FCPK-1	FCPK-2
46		
56		

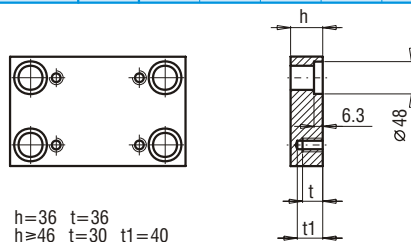
**PK 21**  
**PK 22**


PK 21/546x696x

h	FCPK-1	FCPK-2
36		
46		

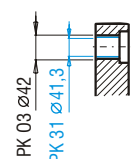
PK 22/546x696x

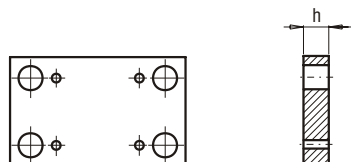
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 $h=36 \quad t=36$   
 $h \geq 46 \quad t=30 \quad t1=40$ 

 PK 03/546x696x  
 PK 31/546x696x

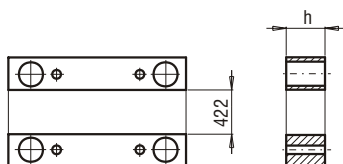
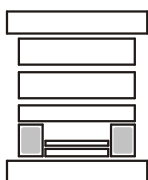
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					


 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/546x696x

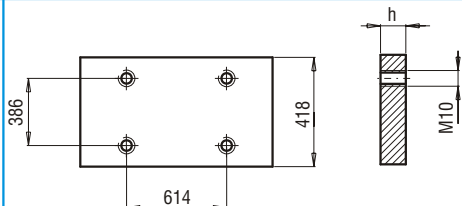
h	FCPK-1	FCPK-2
46		
56		

**PK 05**


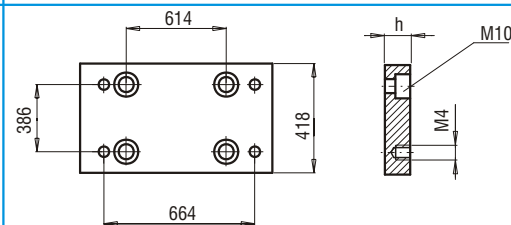
PK 05/62x696x

h	FCPK-1
76	
86	
96	
116	
136	

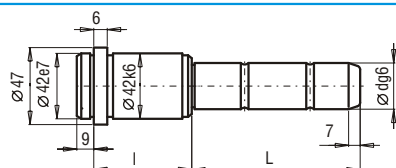
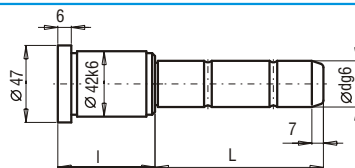
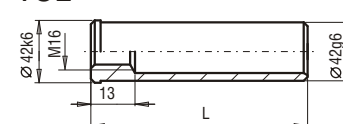


**PK 06**


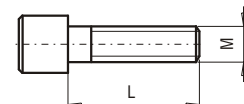
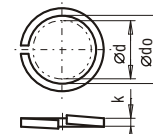
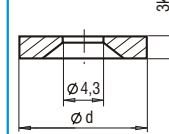
PK 06/418x696x	h	FCPK-1			
	27				

**PK 07A**


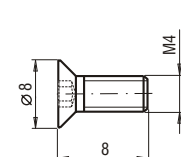
PK 07A/418x696x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


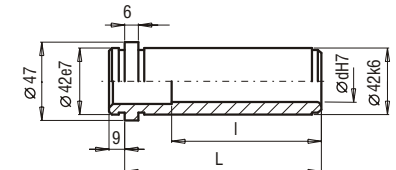
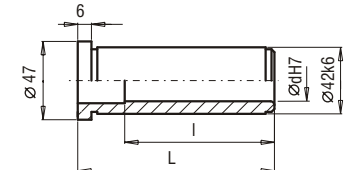
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160
		65	SLE-..027065			135	SLE-..066135			65	SXE-..027065			95	SXE-..086095	60	TUE-42060	180	TUE-42180
		105	SLE-..027105			175	SLE-..066175			105	SXE-..027105			115	SXE-..086115	80	TUE-42080	200	TUE-42200
		165	SLE-..027165			245	SLE-..066245			165	SXE-..027165			155	SXE-..086155	100	TUE-42100	220	TUE-42220
		185	SLE-..027185			295	SLE-..066295			185	SXE-..027185			55	SXE-..096055	120	TUE-42120	260	TUE-42260
		245	SLE-..027245			76	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095				
		36	SLE-..036055			95	SLE-..076095			115	SXE-..036115			115	SXE-..096115				
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155				
		95	SLE-..036095			155	SLE-..076155			46	SXE-..046045			116	SXE-..116075				
		115	SLE-..036115			225	SLE-..076225			65	SXE-..046065			115	SXE-..116115				
		155	SLE-..036155			86	SLE-..086055			85	SXE-..046085			155	SXE-..116155				
		245	SLE-..036245			75	SLE-..086075			105	SXE-..046105			95	SXE-..136095				
		285	SLE-..036285			95	SLE-..086095			125	SXE-..046125			115	SXE-..136115	25	SM-10025	80	SM-16080
		46	SLE-..046045			115	SLE-..086115			165	SXE-..046165			155	SXE-..136155	20	SM-16020	90	SM-16090
		65	SLE-..046065			155	SLE-..086155			56	SXE-..056055			155	SXE-..136155	22	SM-16022	100	SM-16100
		85	SLE-..046085			225	SLE-..086225			75	SXE-..056075			115	SXE-..156115	25	SM-16025	110	SM-16110
		105	SLE-..046105			96	SLE-..096055			95	SXE-..056095			196	SXE-..196155	30	SM-16030	120	SM-16120
		125	SLE-..046125			75	SLE-..096075			115	SXE-..056115			195	SXE-..196195	35	SM-16035	130	SM-16130
		165	SLE-..046165			95	SLE-..096095			135	SXE-..056135					40	SM-16040	140	SM-16140
		245	SLE-..046245			115	SLE-..096115			175	SXE-..056175					45	SM-16045	150	SM-16150
		285	SLE-..046285			155	SLE-..096155			66	SXE-..066055					50	SM-16050	160	SM-16160
		56	SLE-..056055			205	SLE-..096205			75	SXE-..066075					55	SM-16055	170	SM-16170
		75	SLE-..056075			116	SLE-..116075			95	SXE-..066095					60	SM-16060	180	SM-16180
		95	SLE-..056095			115	SLE-..116115			115	SXE-..066115					65	SM-16065	190	SM-16190
		115	SLE-..056115			155	SLE-..116155			135	SXE-..066135					70	SM-16070	200	SM-16200
		135	SLE-..056135			136	SLE-..136095			175	SXE-..066175					75	SM-16075	210	SM-16210
		175	SLE-..056175			115	SLE-..136115			76	SXE-..076055								
		245	SLE-..056245			155	SLE-..136155			55	SXE-..076075								
		295	SLE-..056295			156	SLE-..156115			95	SXE-..076095								
		66	SLE-..066055			155	SLE-..156155			115	SXE-..076115								
		75	SLE-..066075			196	SLE-..196155			155	SXE-..076155								
		95	SLE-..066095			195	SLE-..196195			86	SXE-..086055								

**SM**

**PS**

**P0**


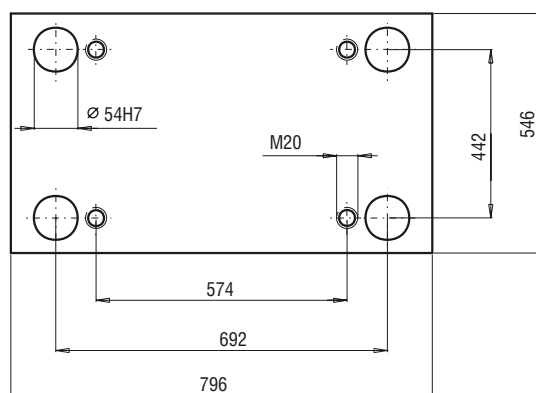
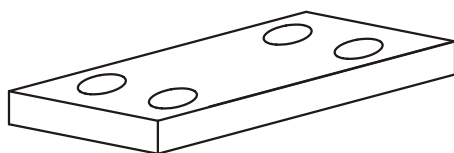
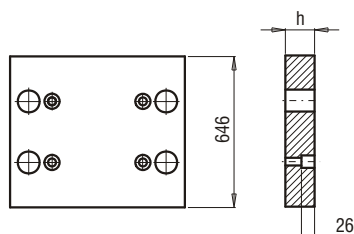
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

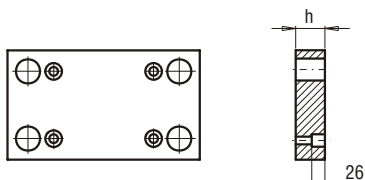
**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

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**PK 11**


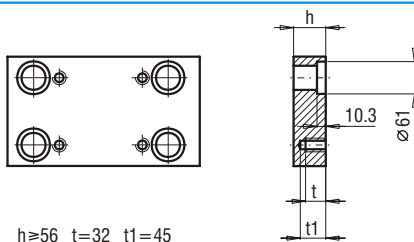
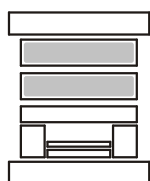
PK 11/646x796x

h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/546x796x

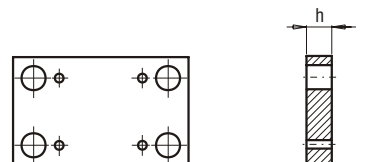
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/546x796x  
 PK 31/546x796x

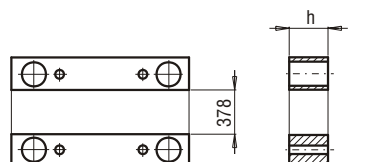
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/546x796x

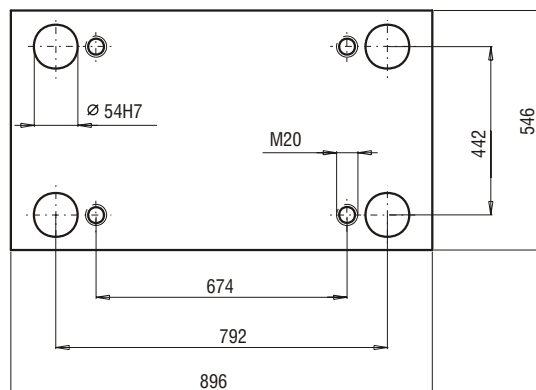
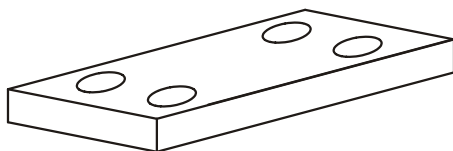
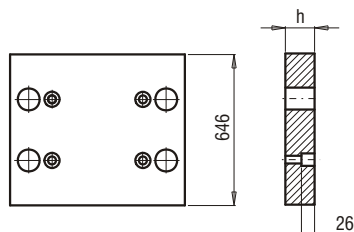
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**


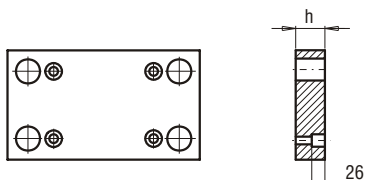
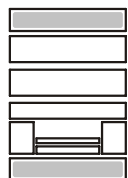
PK 05/84x796x

h	FCPK-1				
96					
116					
136					
156					

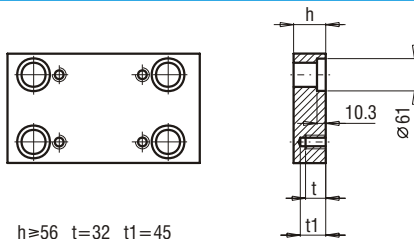
d		PN-77/M-82008 d <sub>o</sub> x k	
12	20	12x2.5	20x4.5

**60**

**PK 11**

**PK 11/646x896x**

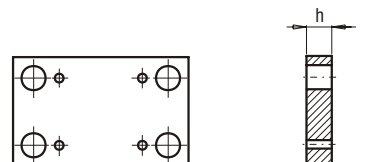
h	FCPK-1	FCPK-2			
56					

**PK 22**

**PK 22/546x896x**

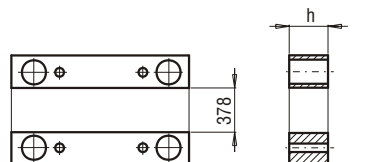
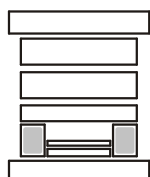
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 
**PK 03/546x896x**
**PK 31/546x896x**

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

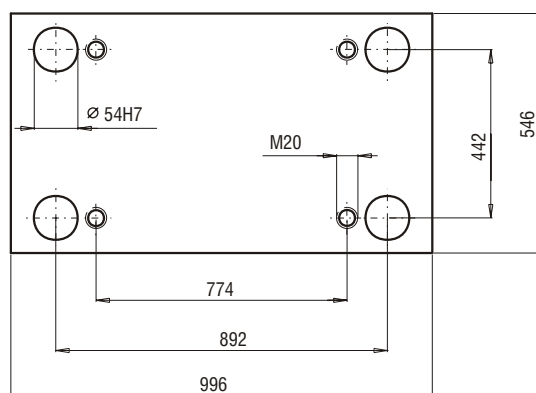
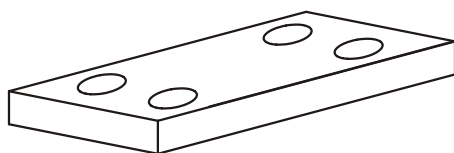
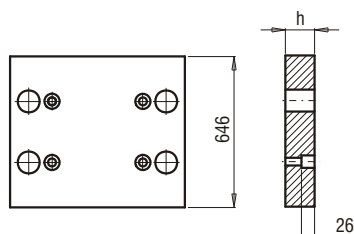
**\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11**
**\*For other steel types - see page no I.6 ÷ I.11**
**PK 04**

**PK 04/546x896x**

h	FCPK-1	FCPK-2			
56					
76					

**PK 05**

**PK 05/84x896x**

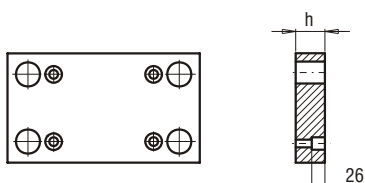
h	FCPK-1				
96					
116					
136					
156					

d		PN-77/M-82008 d <sub>0</sub> x k	
12	20	12x2.5	20x4.5

**61**

**PK 11**


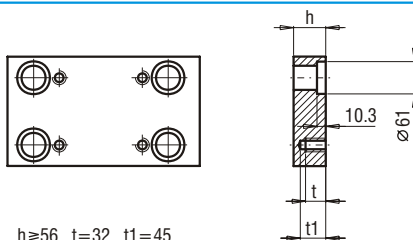
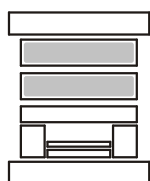
PK 11/646x996x

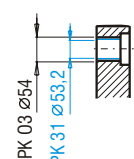
h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/546x996x

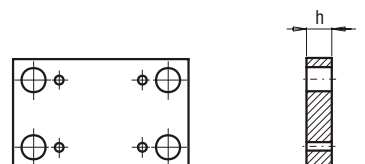
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/546x996x  
 PK 31/546x996x


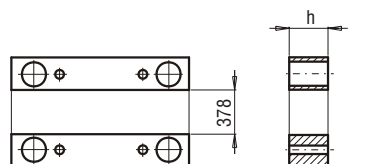
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/546x996x

h	FCPK-1	FCPK-2			
56					
76					

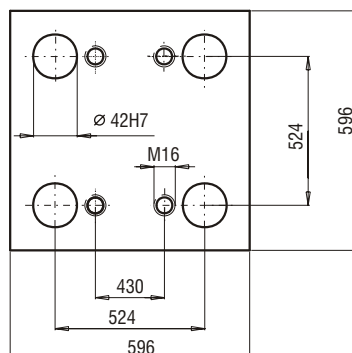
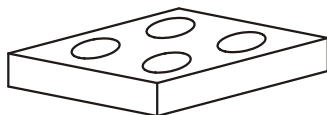
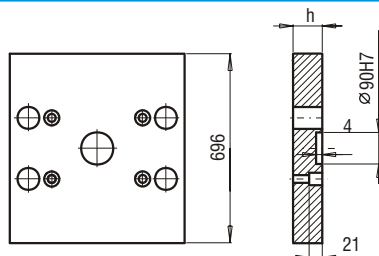
**PK 05**


PK 05/84x996x

h	FCPK-1				
96					
116					
136					
156					

d		PN-77/M-82008 d <sub>0</sub> x k	
12	20	12x2.5	20x4.5



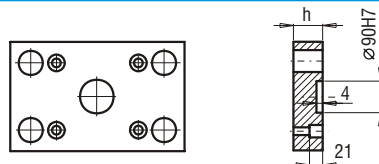
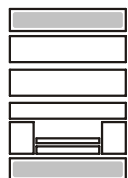
**62**

**PK 01**  
**PK 11**


PK 01/696x596x

h	FCPK-1	FCPK-2
46		
56		

PK 11/696x596x

h	FCPK-1	FCPK-2
46		
56		

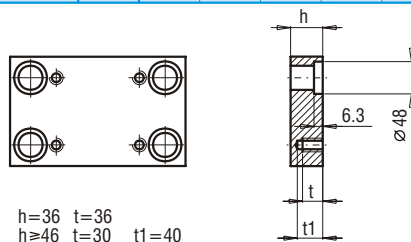
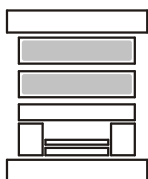
**PK 21**  
**PK 22**


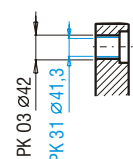
PK 21/596x596x

h	FCPK-1	FCPK-2
36		
46		

PK 22/596x596x

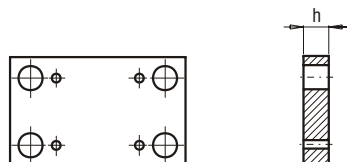
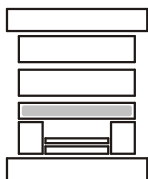
h	FCPK-1	FCPK-2
36		
46		

**PK 03**  
**PK 31**

 h=36 t=36  
 h≥46 t=30 t1=40

 PK 03/596x596x  
 PK 31/596x596x


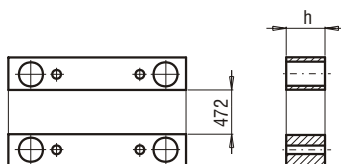
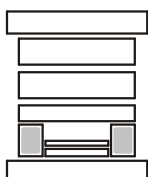
h	FCPK-1	FCPK-2	FCPK-3	*	*
36					
46					
56					
66					
76					
86					
96					
116					
136					
156					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


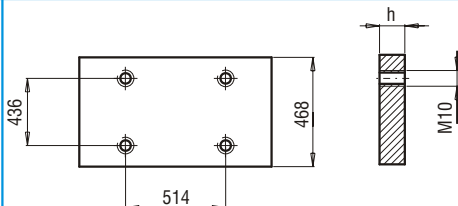
PK 04/596x596x

h	FCPK-1	FCPK-2	FCPK-3
46			
56			

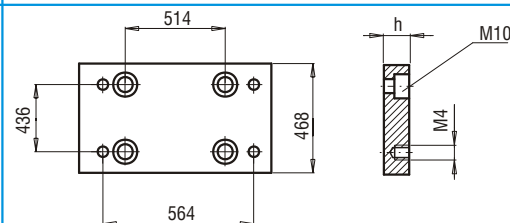
**PK 05**


PK 05/62x596x

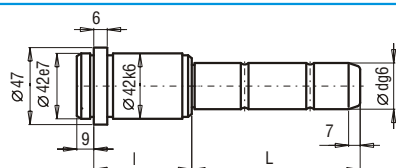
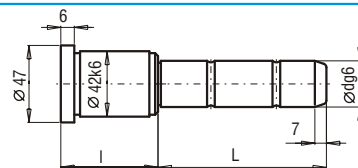
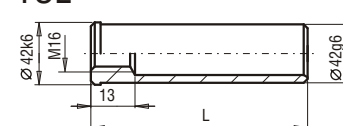
h	FCPK-1
76	
86	
96	
116	
136	

**PK 06**


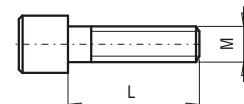
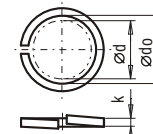
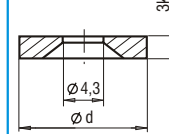
PK 06/468x596x	h	FCPK-1			
	27				

**PK 07A**


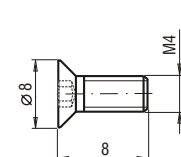
PK 07A/468x596x	h	FCPK-1	FCPK-2		
	36				

**SLE**

**SXE**

**TUE**


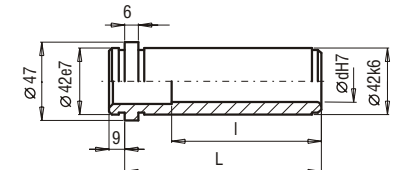
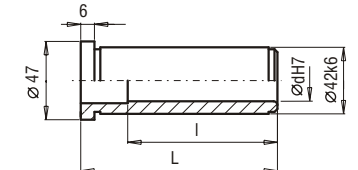
d	l	L	SLE-32/30 ...	d	l	L	SLE-32/30 ...	d	l	L	SXE-32/30 ...	d	l	L	SXE-32/30 ...	L	TUE-42...	L	TUE-42...										
32/30	27	45	SLE-..027045	32/30	66	115	SLE-..066115	32/30	27	45	SXE-..027045	32/30	86	75	SXE-..086075	40	TUE-42040	160	TUE-42160										
		65	SLE-..027065			135	SLE-..066135			95	SXE-..086095			60	TUE-42060	180	TUE-42180												
		105	SLE-..027105			175	SLE-..066175			115	SXE-..086115			80	TUE-42080	200	TUE-42200												
		165	SLE-..027165			245	SLE-..066245			155	SXE-..086155			100	TUE-42100	220	TUE-42220												
		185	SLE-..027185			295	SLE-..066295			55	SXE-..096055			120	TUE-42120	260	TUE-42260												
		245	SLE-..027245			55	SLE-..076055			75	SXE-..036075			75	SXE-..096075	140	TUE-42140	300	TUE-42300										
		285	SLE-..027285			75	SLE-..076075			95	SXE-..036095			95	SXE-..096095														
		36	55			SLE-..036055	95			SLE-..076095	115			SXE-..036115	115	SXE-..096115													
		75	SLE-..036075			115	SLE-..076115			155	SXE-..036155			155	SXE-..096155														
		95	SLE-..036095			155	SLE-..076155			46	45			SXE-..046045	116	75	SXE-..116075												
115	SLE-..036115	225	SLE-..076225	65	SXE-..046065	115	SXE-..116115																						
155	SLE-..036155	86	55	SLE-..086055	85	SXE-..046085	155	SXE-..116155																					
245	SLE-..036245	75	SLE-..086075	105	SXE-..046105	136	95	SXE-..136095	25	SM-10025	80	SM-16080	220	SM-16220															
285	SLE-..036285	95	SLE-..086095	125	SXE-..046125	115	SXE-..136115	115	SXE-..136115	20	SM-16020	90	SM-16090	230	SM-16230														
46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	46	45	45	SLE-..046045	22	SM-16022	100	SM-16100	240	SM-16240								
		65	SLE-..046065			65	SLE-..046065			155	SXE-..156115			22	SM-16022	110	SM-16110	250	SM-16250										
		85	SLE-..046085			85	SLE-..046085			155	SXE-..156155			25	SM-16025	120	SM-16120	260	SM-16260										
		105	SLE-..046105			105	SLE-..046105			196	155			SXE-..196155	30	SM-16030	130	SM-16130	280	SM-16280									
		125	SLE-..046125			125	SLE-..046125			195	SXE-..196195			35	SM-16035	140	SM-16140	300	SM-16300										
		165	SLE-..046165			165	SLE-..046165							40	SM-16040	150	SM-16150	320	SM-16320										
		245	SLE-..046245			245	SLE-..046245							45	SM-16045	160	SM-16160	340	SM-16340										
		285	SLE-..046285			285	SLE-..046285							50	SM-16050	170	SM-16170	360	SM-16360										
		56	55			55	SLE-..056055			56	55			55	SLE-..056055	56	55	55	SLE-..056055	56	55	55	SLE-..056055	60	SM-16060	180	SM-16180	380	SM-16380
						75	SLE-..056075							75	SLE-..056075			65	SM-16065			190	SM-16190	400	SM-16400				
95	SLE-..056095			95	SLE-..056095	70	SM-16070	200	SM-16200			420	SM-16420																
115	SLE-..056115			115	SLE-..056115	75	SM-16075	210	SM-16210																				
135	SLE-..056135			135	SLE-..056135																								
175	SLE-..056175			175	SLE-..056175																								
245	SLE-..056245			245	SLE-..056245																								
295	SLE-..056295			295	SLE-..056295																								
66	55			55	SLE-..066055	66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55			55	SLE-..066055						
				75	SLE-..066075			75	SLE-..066075																				
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
		95	SLE-..066095	95	SLE-..066095																								
		115	SLE-..066115	115	SLE-..066115																								
		135	SLE-..066135	135	SLE-..066135																								
		175	SLE-..066175	175	SLE-..066175																								
		245	SLE-..066245	245	SLE-..066245																								
		295	SLE-..066295	295	SLE-..066295																								
		66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055			66	55	55	SLE-..066055						
				75	SLE-..066075					75	SLE-..066075																		
95	SLE-..066095			95	SLE-..066095																								
115	SLE-..066115			115	SLE-..066115																								
135	SLE-..066135			135	SLE-..066135																								
175	SLE-..066175			175	SLE-..066175																								
245	SLE-..066245			245	SLE-..066245																								
295	SLE-..066295			295	SLE-..066295																								
66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055	66	55			55	SLE-..066055						
				75	SLE-..066075					7																			

**SM**

**PS**

**P0**


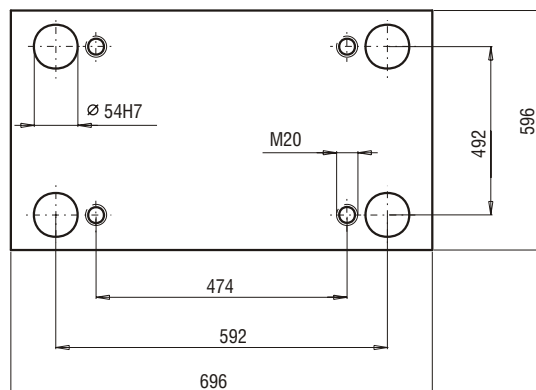
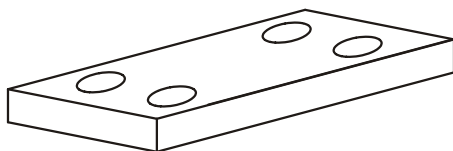
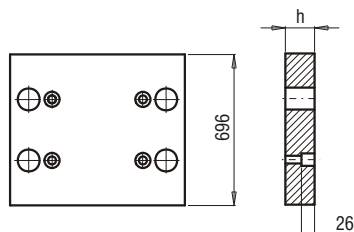
d	PN-77/M-82008 d <sub>o</sub> x k	d	P0-...
10 16	10.2x2 16.3x3.2	28	P0-2803

**WK**


d	DIN 7991 d x L
M4	M4 x 8

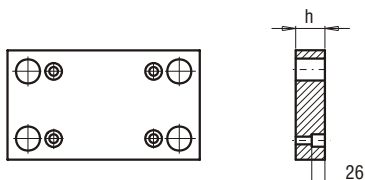
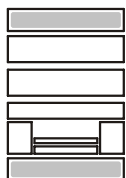
**TPE**

**TXE**


d	l	L	TPE-32/30 ...	d	l	L	TPE-32/30 ...	d	l	L	TXE-32/30 ...	d	l	L	TXE-32/30 ...
32/30	36	27	TPE-..027	32/30	95	86	TPE-..086	32/30	27	27	TXE-..027	32/30	86	86	TXE-..086
	45	36	TPE-..036		105	96	TPE-..096		36	36	TXE-..036		96	96	TXE-..096
	55	46	TPE-..046		116	116	TPE-..116		46	46	TXE-..046		116	116	TXE-..116
	65	56	TPE-..056		116	136	TPE-..136		56	56	TXE-..056		116	136	TXE-..136
	75	66	TPE-..066		116	156	TPE-..156		66	66	TXE-..066		116	156	TXE-..156
	85	76	TPE-..076		116	196	TPE-..196		76	76	TXE-..076				

**63**

**PK 11**


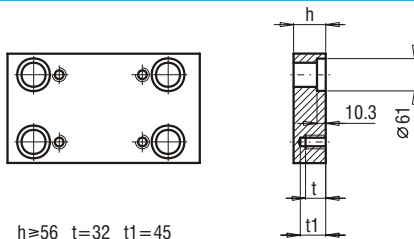
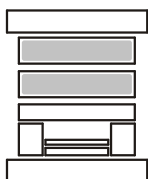
PK 11/696x696x

h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/596x696x

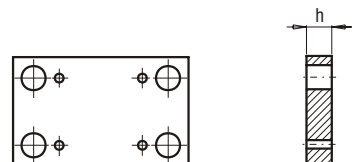
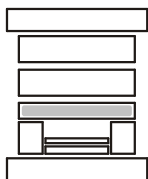
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/596x696x  
 PK 31/596x696x

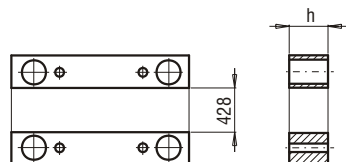
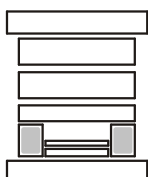
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/596x696x

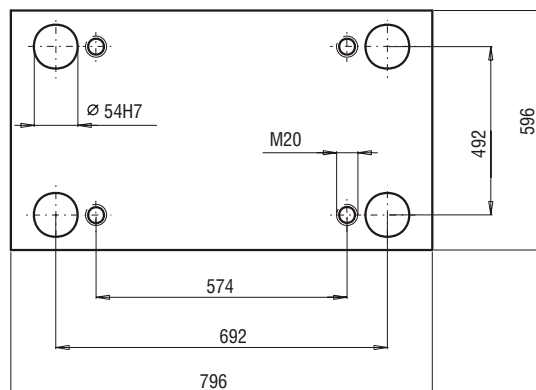
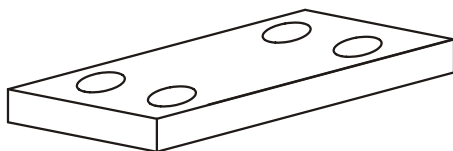
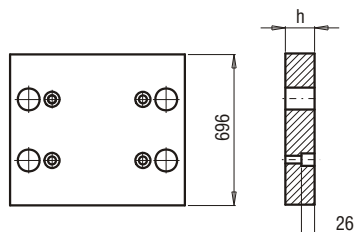
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**


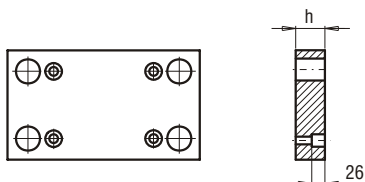
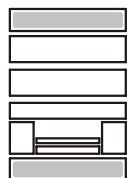
PK 05/84x696x

h	FCPK-1				
96					
116					
136					
156					

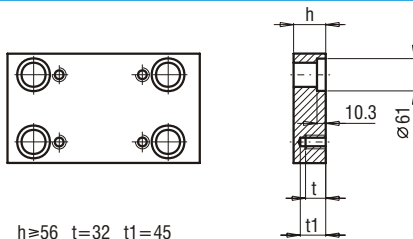
d		PN-77/M-82008 d <sub>o</sub> x k	
12	20	12x2.5	20x4.5

**64**

**PK 11**

**PK 11/696x796x**

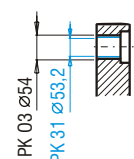
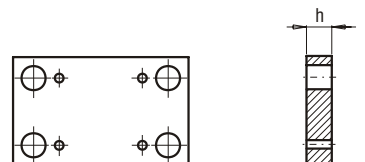
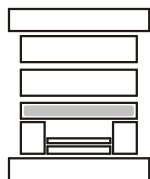
h	FCPK-1	FCPK-2			
56					

**PK 22**

**PK 22/596x796x**

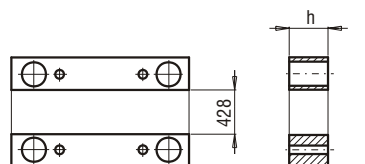
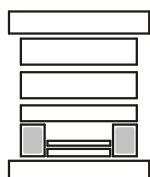
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 
**PK 03/596x796x**  
**PK 31/596x796x**

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					


**PK 04**

**PK 04/596x796x**

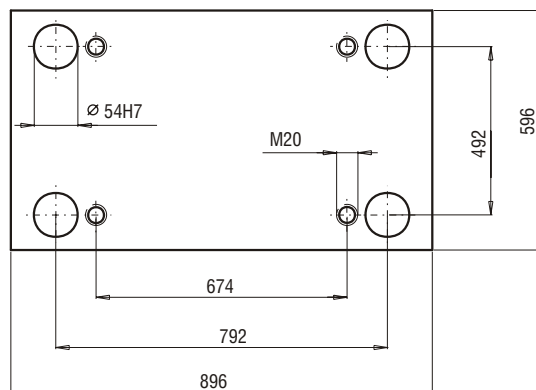
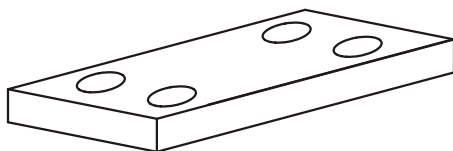
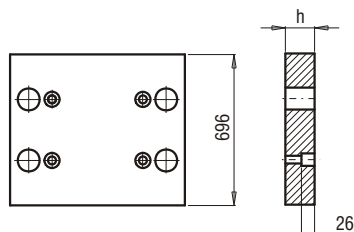
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**

**PK 05/84x796x**

h	FCPK-1				
96					
116					
136					
156					

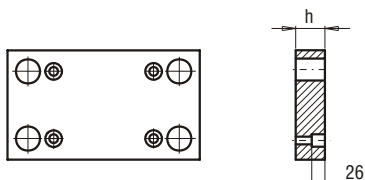
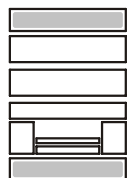
\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11



**65**

**PK 11**


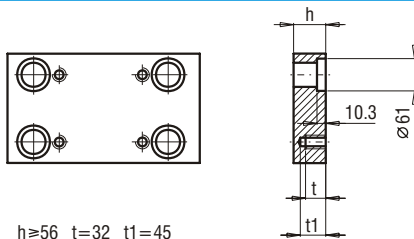
PK 11/696x896x

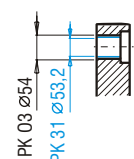
h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/596x896x

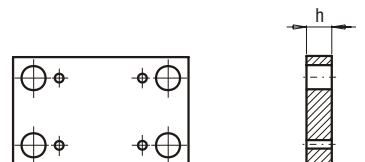
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t1 = 45$ 

 PK 03/596x896x  
 PK 31/596x896x


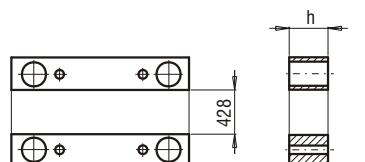
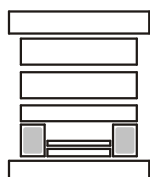
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/596x896x

h	FCPK-1	FCPK-2			
56					
76					

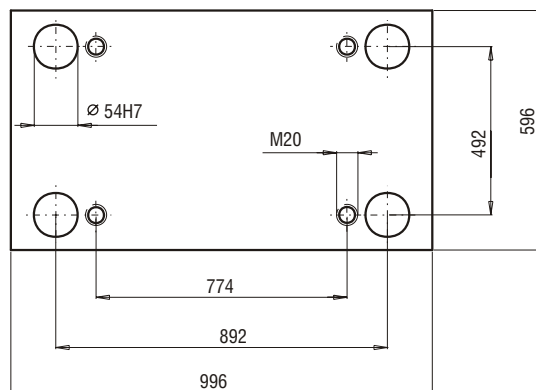
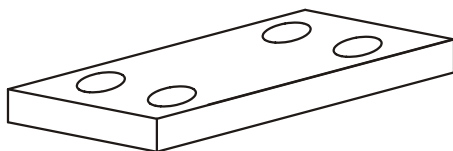
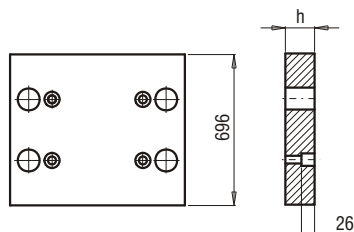
**PK 05**


PK 05/84x896x

h	FCPK-1				
96					
116					
136					
156					

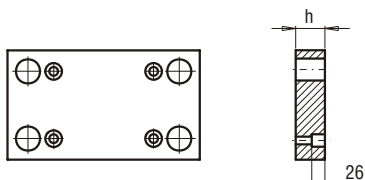




**66**

**PK 11**


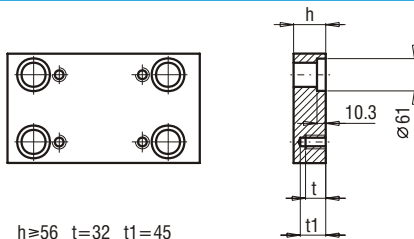
PK 11/696x996x

h	FCPK-1	FCPK-2			
56					

**PK 22**


PK 22/596x996x

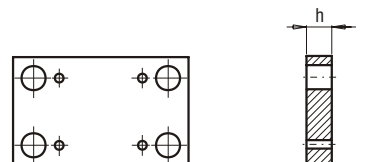
h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/596x996x  
 PK 31/596x996x

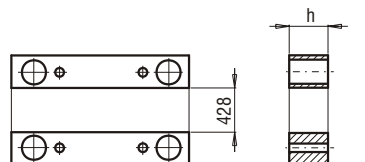
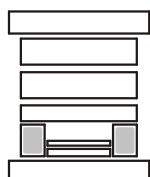
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/596x996x

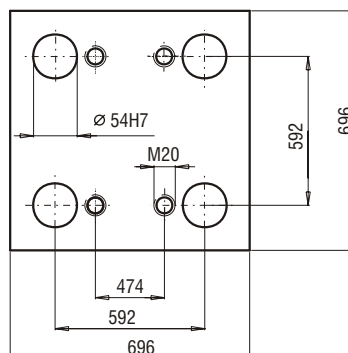
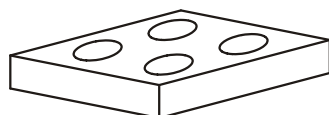
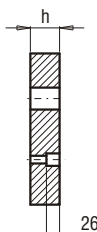
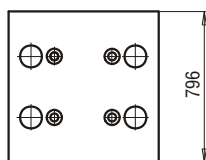
h	FCPK-1	FCPK-2			
56					
76					

**PK 05**


PK 05/84x996x

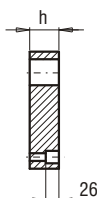
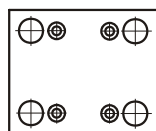
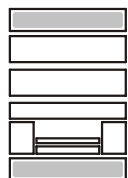
h	FCPK-1				
96					
116					
136					
156					



**67**

**PK 11**


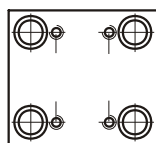
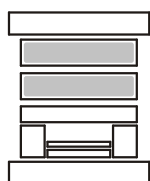
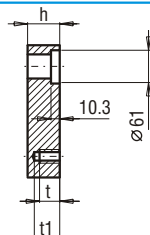
PK 11/796x696x

h	FCPK-1	FCPK-2			
76					

**PK 22**


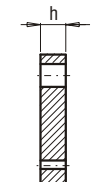
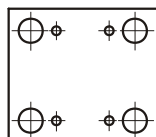
PK 22/696x696x

h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 

 PK 03/696x696x  
 PK 31 696x696x

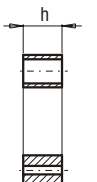
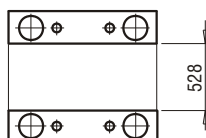
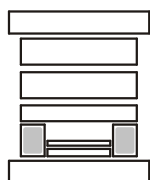
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


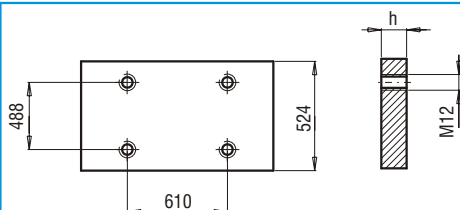
PK 04/696x696x

h	FCPK-1	FCPK-2			
56					
76					

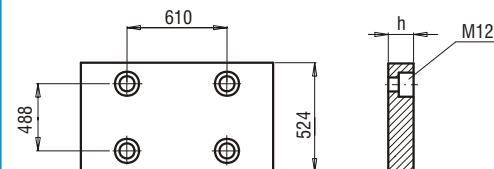
**PK 05**




PK 05/84x696x

h	FCPK-1				
96					
116					
136					
156					



PK 06/524x696x	h	FCPK-1			
	27				



PK 07/524x696x	h	FCPK-1	FCPK-2	
	36			

Technical drawing of a shaft assembly. The shaft has a total length  $L$  and a section of length  $l$ . The left end has a diameter of  $\varnothing 60$  and a keyway with a width of 10. The main section has a diameter of  $\varnothing 54k6$ . The right end has a diameter of  $\varnothing d6$  and a keyway with a width of 7.

d	l	L	SLE-42/40 ...	d	l	L	
42/40	46	95	SLE-..046095				
		165	SLE-..046165				
	56	75	SLE-..056075				
		115	SLE-..056115				
		155	SLE-..056155				
		195	SLE-..056195				
	66	75	SLE-..066075				
		135	SLE-..066135				
	76	75	SLE-..076075				
		115	SLE-..076115				
		175	SLE-..076175				
	86	75	SLE-..086075				
		135	SLE-..086135				
	96	75	SLE-..096075				
		115	SLE-..096115				
		155	SLE-..096155				
	116	95	SLE-..116095				
		135	SLE-..116135				
		195	SLE-..116195				
	136	95	SLE-..136095				
		135	SLE-..136135				
		215	SLE-..136215				
	156	115	SLE-..156115				
		155	SLE-..156155				
215		SLE-..156215					
196	155	SLE-..196155					
	195	SLE-..196195					
	235	SLE-..196235					
246	165	SLE-..246165					
	245	SLE-..246245					

[illegible]

<b>L</b>	<b>TUE-54...</b>	<b>L</b>	<b>TUE-54...</b>
<b>60</b>	<b>TUE-54060</b>	<b>200</b>	<b>TUE-54200</b>
<b>80</b>	<b>TUE-54080</b>	<b>240</b>	<b>TUE-54240</b>
<b>120</b>	<b>TUE-54120</b>	<b>280</b>	<b>TUE-54280</b>
<b>160</b>	<b>TUE-54160</b>		

A technical drawing of a bolt. The bolt has a hexagonal head on the left and a threaded shank on the right. A horizontal dashed line represents the axis of the bolt. Below the bolt, there are two dimension lines. The first dimension line, labeled 'L', spans the length of the shank from the base of the head to the end of the thread. The second dimension line, labeled 'M', indicates the diameter of the shank.

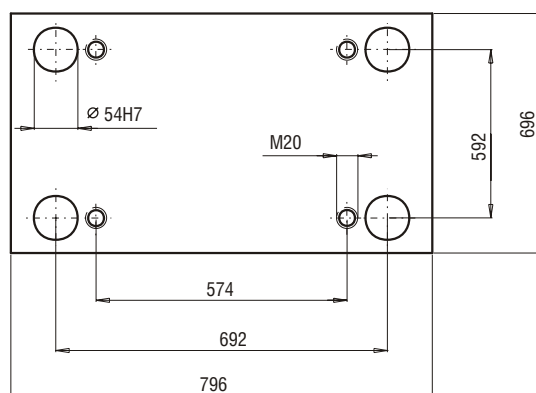
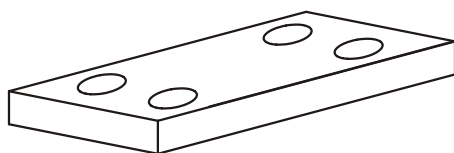
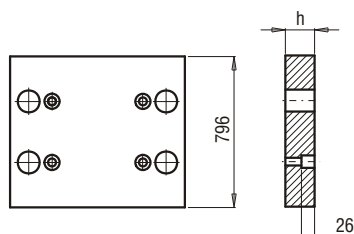
L	SM-M x L	L	SM-M x L	L	SM-M x L
40	SM-12040	110	SM-20110	300	SM-20300
30	SM-20030	120	SM-20120	320	SM-20320
35	SM-20035	130	SM-20130	340	SM-20340
40	SM-20040	140	SM-20140	360	SM-20360
45	SM-20045	150	SM-20150	380	SM-20380
50	SM-20050	160	SM-20160	400	SM-20400
55	SM-20055	170	SM-20170	420	SM-20420
60	SM-20060	180	SM-20180		
65	SM-20065	190	SM-20190		
70	SM-20070	200	SM-20200		
75	SM-20075	220	SM-20220		
80	SM-20080	240	SM-20240		
90	SM-20090	260	SM-20260		
100	SM-20100	280	SM-20280		

Technical drawing of a shaft-hub assembly. The drawing shows a shaft (hatched) inserted into a hub. Key dimensions are indicated: 10 (key width), 12 (shaft diameter at keyway), 60 (hub outer diameter), 54e7 (shaft diameter), 54k6 (hub inner diameter), dh7 (fit tolerance), L (total length), and l (key length).

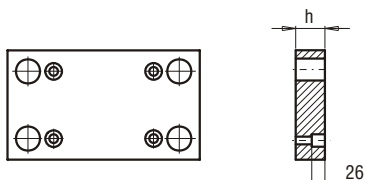
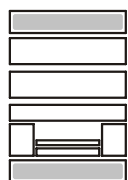
d	l	L	TPE-42/40 ...	d	l	L	TPE-42/40 ...
42/40	58	46	TPE-..046	42/40	128	116	TPE-..116
	68	56	TPE-..056		136	136	TPE-..136
	78	66	TPE-..066		136	156	TPE-..156
	88	76	TPE-..076		136	196	TPE-..196
	98	86	TPE-..086		136	246	TPE-..196
108	96	TPE-..096					

d	l	L	TXE-42/40 ...	d	l	L	TXE-42/40 ...
42/40	46	46	TXE-..046	42/40	116	116	TXE-..116
	56	56	TXE-..056		136	136	TXE-..136
	66	66	TXE-..066		136	156	TXE-..156
	76	76	TXE-..076		136	196	TXE-..196
	86	86	TXE-..086		136	246	TXE-..196
	96	96	TXE-..096				

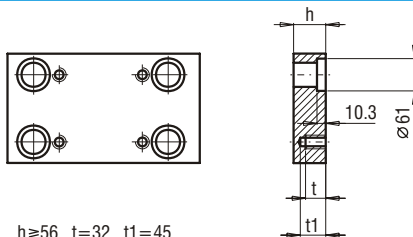
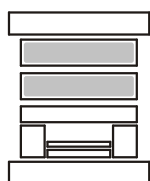
d		PN-77/M-82008 d <sub>o</sub> x k	
12	20	12x2.5	20x4.5

**68**

**PK 11**

**PK 11/796x796x**

h	FCPK-1	FCPK-2			
76					

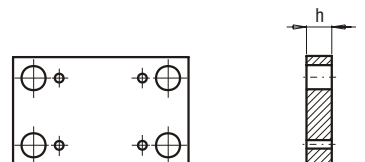
**PK 22**

**PK 22/696x796x**

h	FCPK-1	FCPK-2			
56					

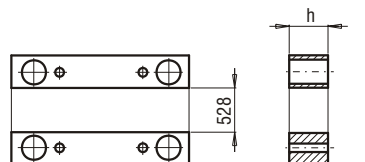
**PK 03**  
**PK 31**

 $h \geq 56$   $t = 32$   $t_1 = 45$ 
**PK 03/696x796x**  
**PK 31/696x796x**

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**

**PK 04/696x796x**

h	FCPK-1	FCPK-2			
56					
76					

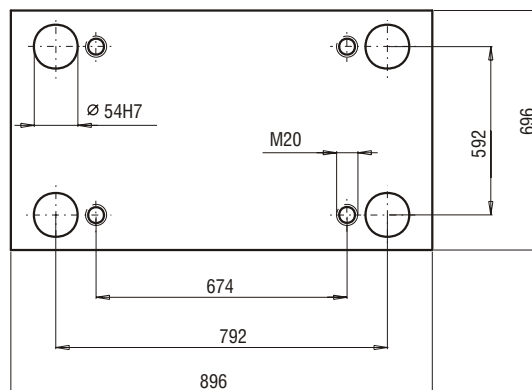
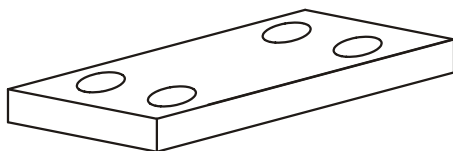
**PK 05**

**PK 05/84x796x**

h	FCPK-1				
96					
116					
136					
156					

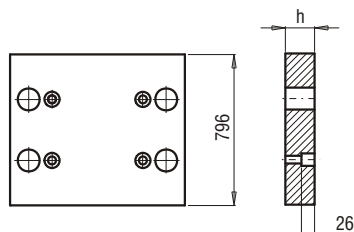




**69**



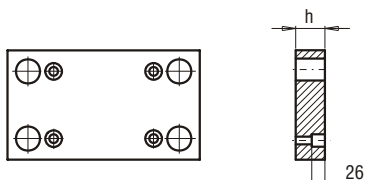
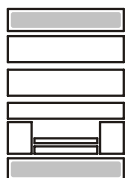
PK 11



PK 11/796x896x

h	FCPK-1	FCPK-2			
76					

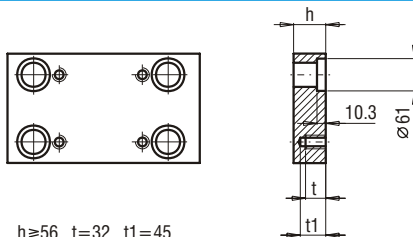
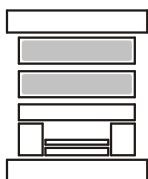
PK 22



PK 22/696x896x

h	FCPK-1	FCPK-2			
56					

PK 03  
PK 31

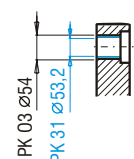


$h \geq 56$   $t = 32$   $t_1 = 45$

PK 03/696x896x

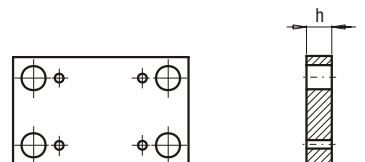
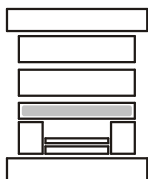
PK 31/696x896x

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					



\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

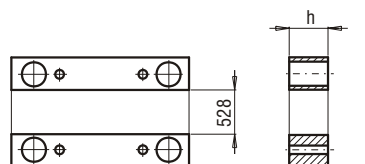
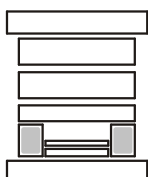
PK 04



PK 04/696x896x

h	FCPK-1	FCPK-2			
56					
76					

PK 05

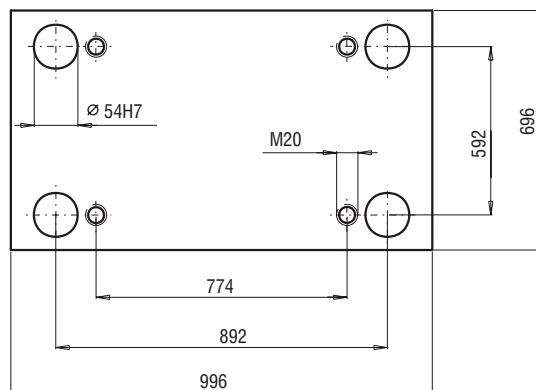
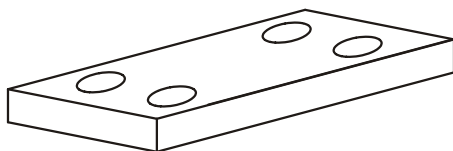


PK 05/84x896x

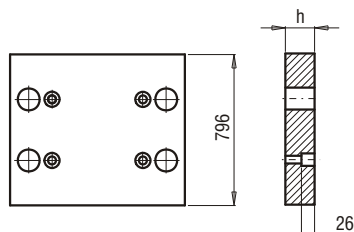
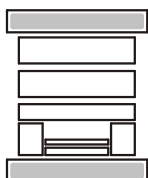
h	FCPK-1				
96					
116					
136					
156					



**70**



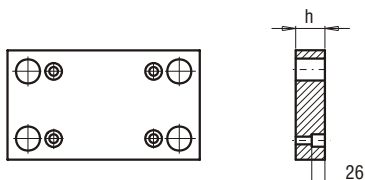
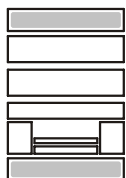
PK 11



PK 11/796x996x

h	FCPK-1	FCPK-2			
76					

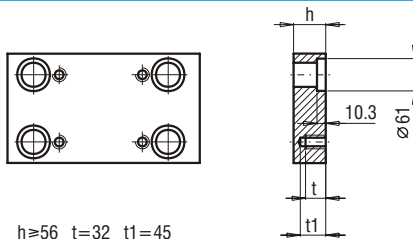
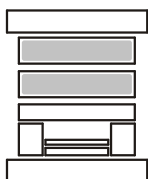
PK 22



PK 22/696x996x

h	FCPK-1	FCPK-2			
56					

PK 03  
PK 31



$h \geq 56$   $t = 32$   $t_1 = 45$

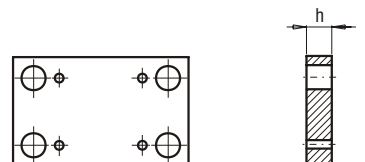
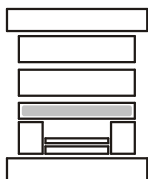
PK 03/696x996x

PK 31/696x996x

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

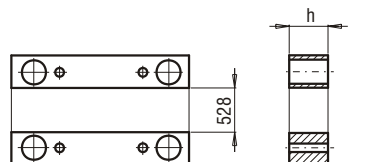
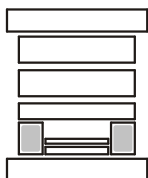
PK 04



PK 04/696x996x

h	FCPK-1	FCPK-2			
56					
76					

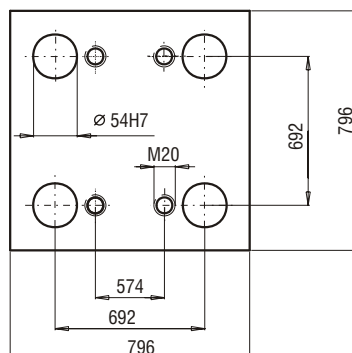
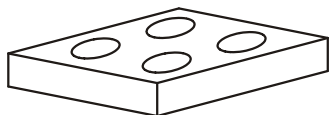
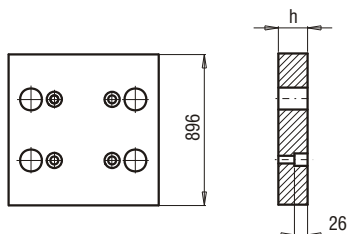
PK 05



PK 05/84x996x

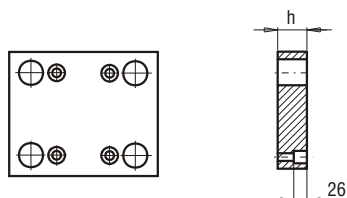
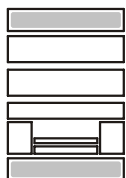
h	FCPK-1				
96					
116					
136					
156					



**71**

**PK 11**


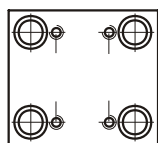
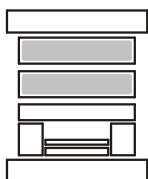
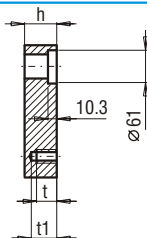
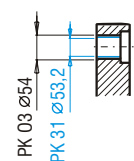
PK 11/896x796x

h	FCPK-1	FCPK-2			
76					

**PK 22**


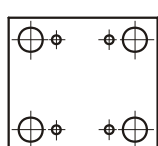
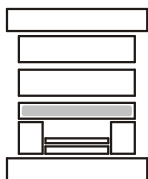
PK 22/796x796x

h	FCPK-1	FCPK-2			
56					

**PK 03**  
**PK 31**

 $h=56$   $t=32$   $t_1=45$ 

 PK 03/796x796x  
 PK 31 796x796x


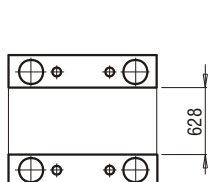
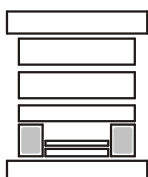
h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

 \*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
 \*For other steel types - see page no I.6 ÷ I.11

**PK 04**


PK 04/796x796x

h	FCPK-1	FCPK-2			
56					
76					

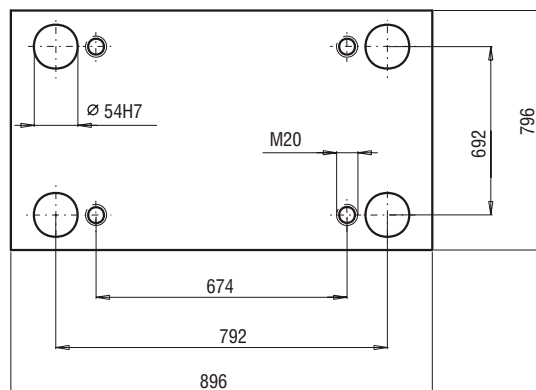
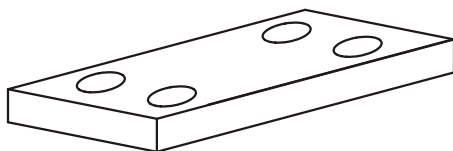
**PK 05**


PK 05/84x796x

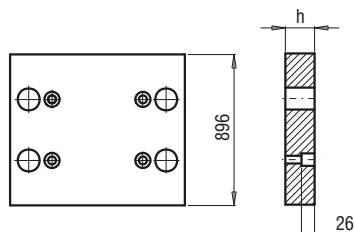
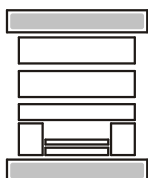
h	FCPK-1				
96					
116					
136					
156					

d		PN-77/M-82008 d <sub>o</sub> x k	
12	20	12x2.5	20x4.5

**72**



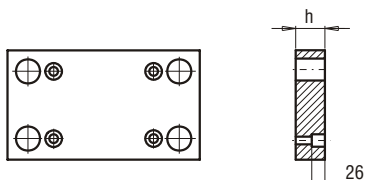
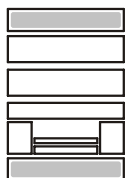
PK 11



PK 11/896x896x

h	FCPK-1	FCPK-2			
76					

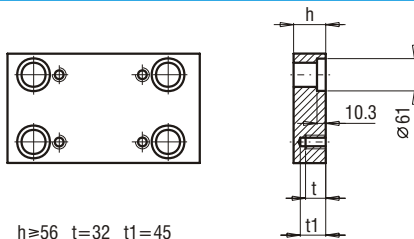
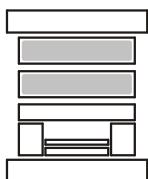
PK 22



PK 22/796x896x

h	FCPK-1	FCPK-2			
56					

PK 03  
PK 31

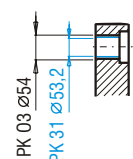


$h \geq 56$   $t = 32$   $t_1 = 45$

PK 03/796x896x

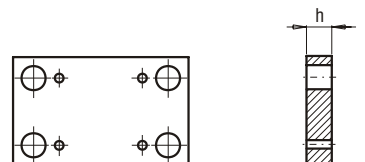
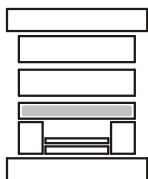
PK 31/796x896x

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					



\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

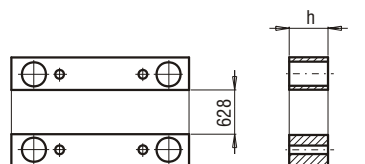
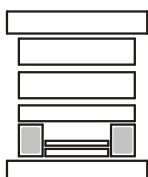
PK 04



PK 04/796x896x

h	FCPK-1	FCPK-2			
56					
76					

PK 05



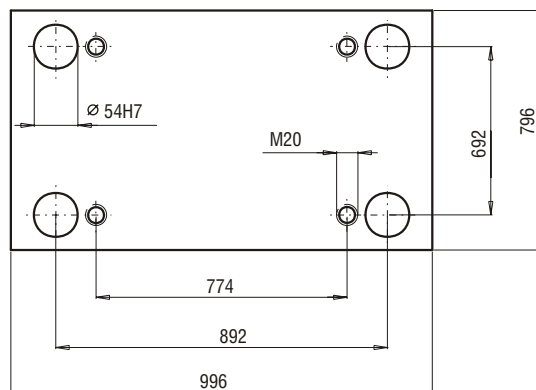
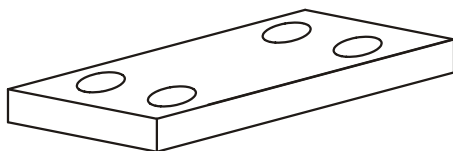
PK 05/84x896x

h	FCPK-1				
96					
116					
136					
156					

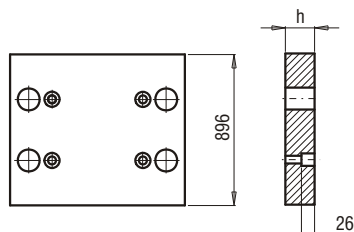




**73**



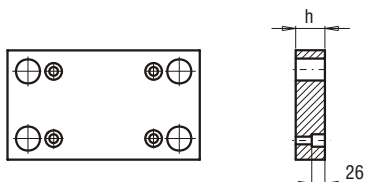
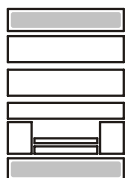
PK 11



PK 11/896x996x

h	FCPK-1	FCPK-2			
76					

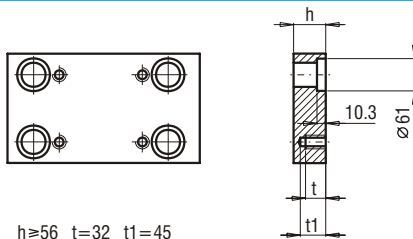
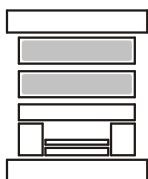
PK 22



PK 22/796x996x

h	FCPK-1	FCPK-2			
56					

PK 03  
PK 31



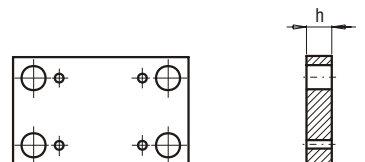
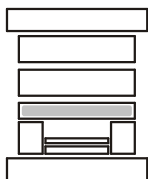
$h \geq 56$   $t = 32$   $t_1 = 45$

PK 03/796x996x  
PK 31/796x996x

h	FCPK-1	FCPK-2	FCPK-3	*	*
56					
76					
96					
116					
136					
156					
196					

\*Inne gatunki materiałów - patrz str. I.6 ÷ I.11  
\*For other steel types - see page no I.6 ÷ I.11

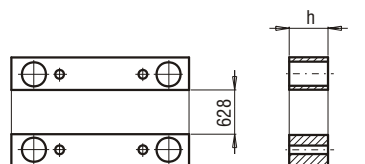
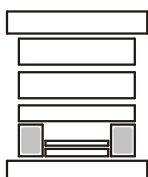
PK 04



PK 04/796x996x

h	FCPK-1	FCPK-2			
56					
76					

PK 05



PK 05/84x996x

h	FCPK-1				
96					
116					
136					
156					

