

# PIK-MET®



WRAPPED COMPOSITE SLIDING BEARING, STEEL/PEEK, LOW-MAINTENANCE



## PIK-MET®

Wrapped composite sliding bearing, steel / PEEK coated • Low-maintenance  
DIN 1494 / ISO 3547

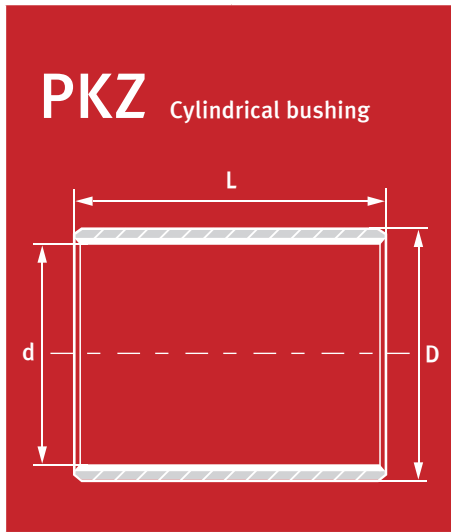
We produce all special  
designs at short notice!

PKZ Cylindrical bushing  
PKA Thrust washer  
PKS Strips

<b>PROPERTIES</b>	The bearing should be lubricated, but is also applicable in dry-running condition, high load capacity. Application at high temperature, good chemical resistance.
<b>MATERIALS</b> Support material Intermediate layer Sliding layer	Steel tin plated Sintered bronze PEEK/Carbon
<b>MATERIAL PROPERTIES</b> Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 140 [ N/mm <sup>2</sup> ] ≤ 100 [ N/mm <sup>2</sup> ] ≤ 2,5 [ m/s ] 0,03 to 0,12 [ μ ] -150 to +250 [ °C ] 2,8 [ N/mm <sup>2</sup> x m/s ]
<b>TOLERANCE DETAILS</b> Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 H9 h8
<b>SHAFT MATERIAL</b>	Steel, hardened or untempered, surface roughness ≤ R <sub>a</sub> 4
<b>MOUNTING ADVICE</b> Housing Shaft Force fitting mandrel  Stick in	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting. Adhesive should not contact the sliding surface.
<b>MAINTENANCE</b>	PIK-MET® is a low-maintenance composite sliding bearing. The selection of lubricants depends on the range of temperature and on load capacity.

Cylindrical bushings, thrust washer and strips are standard fabrication.  
Flanged bushings are available on demand.

# PKZ

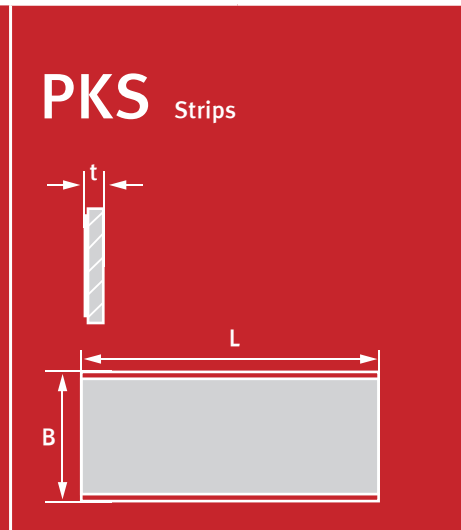
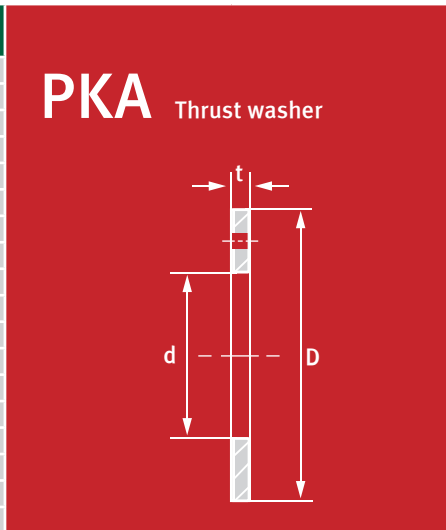


Art. Nr.	d / D x L
PKZ 0608	6/8x8
PKZ 0610	6/8x10
PKZ 0710	7/9x10
PKZ 0715	7/9x15
PKZ 0808	8/10x8
PKZ 0810	8/10x10
PKZ 0812	8/10x12
PKZ 1010	10/12x10
PKZ 1012	10/12x12
PKZ 1015	10/12x15
PKZ 1020	10/12x20
PKZ 1210	12/14x10
PKZ 1212	12/14x12
PKZ 1215	12/14x15
PKZ 1220	12/14x20
PKZ 1225	12/14x25
PKZ 1310	13/15x10
PKZ 1415	14/16x15
PKZ 1420	14/16x20
PKZ 1422	14/16x22
PKZ 1510	15/17x10
PKZ 1512	15/17x12
PKZ 1515	15/17x15
PKZ 1525	15/17x25
PKZ 1615	16/18x15
PKZ 1620	16/18x20
PKZ 1625	16/18x25
PKZ 1815	18/20x15
PKZ 1820	18/20x20
PKZ 1825	18/20x25
PKZ 2010b	20/23x10
PKZ 2012b	20/23x12
PKZ 2015b	20/23x15
PKZ 2020b	20/23x20
PKZ 2025b	20/23x25
PKZ 2030b	20/23x30
PKZ 2035b	20/23x35
PKZ 2040b	20/23x40
PKZ 2210	22/25x10
PKZ 2215	22/25x15
PKZ 2220	22/25x20
PKZ 2225	22/25x25
PKZ 2230	22/25x30
PKZ 2415a	24/27x15
PKZ 2420a	24/27x20
PKZ 2425a	24/27x25

Art. Nr.	d / D x L	Art. Nr.	d / D x L
PKZ 2430a	24/27x30	PKZ 9040	90/95x40
PKZ 2515	25/28x15	PKZ 9060	90/95x60
PKZ 2520	25/28x20	PKZ 9080	90/95x80
PKZ 2525	25/28x25	PKZ 9090	90/95x90
PKZ 2530	25/28x30	PKZ 90100	90/95x100
PKZ 2550	25/28x50	PKZ 9530	95/100x30
PKZ 2820	28/32x20	PKZ 9560	95/100x60
PKZ 2825	28/32x25	PKZ 95100	95/100x100
PKZ 2830	28/32x30	PKZ 10030	100/105x30
PKZ 3020	30/34x20	PKZ 10050	100/105x50
PKZ 3030	30/34x30	PKZ 10060	100/105x60
PKZ 3040	30/34x40	PKZ 10080	100/105x80
PKZ 3220	32/36x20	PKZ 10095	100/105x95
PKZ 3230	32/36x30	PKZ 100115	100/105x115
PKZ 3235	32/36x35	PKZ 10560	105/110x60
PKZ 3240	32/36x40	PKZ 105110	105/110x110
PKZ 3520	35/39x20	PKZ 105115	105/110x115
PKZ 3530	35/39x30	PKZ 11050	110/115x50
PKZ 3535	35/39x35	PKZ 11060	110/115x60
PKZ 3550	35/39x50	PKZ 110115	110/115x115
PKZ 3635	36/40x35	PKZ 11550	115/120x50
PKZ 3720	37/41x20	PKZ 11570	115/120x70
PKZ 3730	37/41x30	PKZ 12060	120/125x60
PKZ 4020	40/44x20	PKZ 120100	120/125x100
PKZ 4030	40/44x30	PKZ 120110	120/125x110
PKZ 4040	40/44x40	PKZ 12560	125/130x60
PKZ 4050	40/44x50	PKZ 125100	125/130x100
PKZ 4520	45/50x20	PKZ 125110	125/130x110
PKZ 4530	45/50x30	PKZ 13050	130/135x50
PKZ 4540	45/50x40	PKZ 13060	130/135x60
PKZ 4545	45/50x45	PKZ 13080	130/135x80
PKZ 4550	45/50x50	PKZ 130100	130/135x100
PKZ 5030	50/55x30	PKZ 13560	135/140x60
PKZ 5040	50/55x40	PKZ 13580	135/140x80
PKZ 5050	50/55x50	PKZ 14050	140/145x50
PKZ 5060	50/55x60	PKZ 14080	140/145x80
PKZ 5520	55/60x20	PKZ 140100	140/145x100
PKZ 5525	55/60x25	PKZ 15050	150/155x50
PKZ 5530	55/60x30	PKZ 15060	150/155x60
PKZ 5540	55/60x40	PKZ 15080	150/155x80
PKZ 5550	55/60x50	PKZ 150100	150/155x100
PKZ 5560	55/60x60	PKZ 16050	160/165x50
PKZ 6030	60/65x30	PKZ 16060	160/165x60
PKZ 6040	60/65x40	PKZ 16080	160/165x80
PKZ 6060	60/65x60	PKZ 160100	160/165x100
PKZ 6070	60/65x70	PKZ 17050	170/175x50
PKZ 6550	65/70x50	PKZ 17060	170/175x60
PKZ 6560	65/70x60	PKZ 17080	170/175x80
PKZ 6570	65/70x70	PKZ 170100	170/175x100
PKZ 7040	70/75x40	PKZ 18050	180/185x50
PKZ 7050	70/75x50	PKZ 18060	180/185x60
PKZ 7065	70/75x65	PKZ 18080	180/185x80
PKZ 7070	70/75x70	PKZ 180100	180/185x100
PKZ 7080	70/75x80	PKZ 19050	190/195x50
PKZ 7540	75/80x40	PKZ 19060	190/195x60
PKZ 7560	75/80x60	PKZ 19080	190/195x80
PKZ 7580	75/80x80	PKZ 190100	190/195x100
PKZ 8040	80/85x40	PKZ 190120	190/195x120
PKZ 8060	80/85x60	PKZ 20050	200/205x50
PKZ 8080	80/85x80	PKZ 20060	200/205x60
PKZ 80100	80/85x100	PKZ 20080	200/205x80
PKZ 8530	85/90x30	PKZ 200100	200/205x100
PKZ 8540	85/90x40	PKZ 200120	200/205x120
PKZ 8560	85/90x60	PKZ 22050	220/225x50
PKZ 8580	85/90x80	PKZ 22060	220/225x60
PKZ 85100	85/90x100	PKZ 22080	220/225x80

# PKZ, PKA, PKS

Art. Nr.	d / D / D <sub>1</sub> x L
PKZ 220100	220/225x100
PKZ 220120	220/225x120
PKZ 24050	240/245x50
PKZ 24060	240/245x60
PKZ 24080	240/245x80
PKZ 240100	240/245x100
PKZ 24120	240/245x120
PKZ 25050	250/255x50
PKZ 25060	250/255x60
PKZ 25080	250/255x80
PKZ 250100	250/255x100
PKZ 250120	250/255x120
PKZ 26050	260/265x50
PKZ 26060	260/265x60
PKZ 26080	260/265x80
PKZ 260100	260/265x100
PKZ 260120	260/265x120
PKZ 28050	280/285x50
PKZ 28060	280/285x60
PKZ 28080	280/285x80
PKZ 280100	280/285x100
PKZ 280120	280/285x120
PKZ 30050	300/305x50
PKZ 30060	300/305x60
PKZ 30080	300/305x80
PKZ 300100	300/305x100
PKZ 300120	300/305x120



Art. Nr.	d / D x t	Art. Nr.	B x L x t
PKA 10/1	10/20x1,5	PKS 7150	150 x 500 x 0,75
PKA 12/1	12/24x1,5	PKS 10200	200 x 500 x 1,0
PKA 14/1	14/26x1,5	PKS 15200	200 x 500 x 1,5
PKA 16/1	16/30x1,5	PKS 20200	200 x 500 x 2,0
PKA 18/1	18/32x1,5	PKS 25200	200 x 500 x 2,5
PKA 20/1	20/36x1,5	PKS 30200	200 x 500 x 3,0
PKA 22/1	22/38x1,5		
PKA 24/1	24/42x1,5		
PKA 26/1	26/44x1,5		
PKA 28/1	28/48x1,5		
PKA 32/1	32/54x1,5		
PKA 38/1	38/62x1,5		
PKA 42/1	42/66x1,5		
PKA 48/2	48/74x2		
PKA 52/2	52/78x2		
PKA 62/2	62/90x2		