

TEX-MET® is a registered trademark of GLT-GleitLagerTechnik® GmbH

TEX-MET®



WRAPPED COMPOSITE SLIDING BEARING
WITH PTFE FIBRES FABRIC OVERLAY,
MAINTENANCE-FREE



TEX-MET®

Wrapped composite sliding bearing • with PTFE fibres fabric overlay • maintenance-free dry sliding bearing • DIN 1494 / ISO 3547

We produce all special designs at short notice

TXZ Cylindrical bushing

PROPERTIES	Excellent sliding and wear behaviour, especially in case of rotating and oscillating movements, good shock absorption, very high load capacity, no water absorption
MATERIALS Support material Sliding layer	Carbon steel, stainless steel and bronze PTFE fibres fabric
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 350 [N/mm ²] ≤ 180 [N/mm ²] < 0.5 [m/s] lubricated >1 0,03 to 0,20 [μ] -50 to +250 [C°] 1,8 [N/mm ² *m/s] shortly 3,6
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 H9 f7 to h8
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness < Rz 4
MOUNTING ADVISE	The application of an adequate force fitting mandrel is advisable
MAINTENANCE	TEX-MET® is a dry sliding bearing with glued PTFE fibres fabric overlay. Lubrication is therefore not necessary and not allowed.

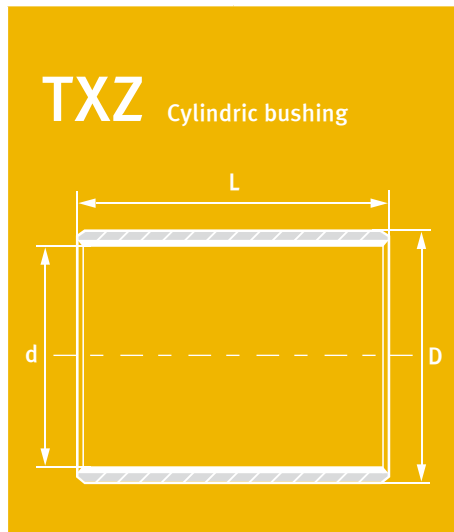
* On request further materials are available for higher demands, e.g. for higher temperature ranges.



Cylindrical bushings, thrust washer and strips are standard fabrication.

TXZ

Also available in inch sizes!



Art. Nr.	d / D x L
TXZ 0606	6/8x6
TXZ 0608	6/8x8
TXZ 0610	6/8x10
TXZ 0806	8/10x6
TXZ 0808	8/10x8
TXZ 0810	8/10x10
TXZ 0812	8/10x12
TXZ 0815	8/10x15
TXZ 1006	10/12x6
TXZ 1008	10/12x8
TXZ 1010	10/12x10
TXZ 1012	10/12x12
TXZ 1015	10/12x15
TXZ 1020	10/12x20
TXZ 1206	12/14x6
TXZ 1208	12/14x8
TXZ 1210	12/14x10
TXZ 1212	12/14x12
TXZ 1215	12/14x15
TXZ 1220	12/14x20
TXZ 1225	12/14x25
TXZ 1310	13/15x10
TXZ 1320	13/15x20
TXZ 1410	14/16x10
TXZ 1412	14/16x12
TXZ 1415	14/16x15
TXZ 1420	14/16x20
TXZ 1425	14/16x25
TXZ 1510	15/17x10
TXZ 1512	15/17x12
TXZ 1515	15/17x15
TXZ 1520	15/17x20
TXZ 1525	15/17x25
TXZ 1610	16/18x10
TXZ 1612	16/18x12
TXZ 1615	16/18x15
TXZ 1620	16/18x20
TXZ 1625	16/18x25
TXZ 1710	17/19x10
TXZ 1712	17/19x12
TXZ 1720	17/19x20
TXZ 1810	18/20x10
TXZ 1812	18/20x12
TXZ 1815	18/20x15
TXZ 1820	18/20x20
TXZ 1825	18/20x25
TXZ 2010A	20/22x10

Art. Nr.	d / D x L	Art. Nr.	d / D x L
TXZ 2012A	20/22x12	TXZ 5050	50/55x50
TXZ 2015A	20/22x15	TXZ 5060	50/55x60
TXZ 2020A	20/22x20	TXZ 5530	55/60x30
TXZ 2025A	20/22x25	TXZ 5540	55/60x40
TXZ 2030A	20/22x30	TXZ 5550	55/60x50
TXZ 2010B	20/23x10	TXZ 5560	55/60x60
TXZ 2012B	20/23x12	TXZ 6030	60/65x30
TXZ 2015B	20/23x15	TXZ 6040	60/65x40
TXZ 2020B	20/23x20	TXZ 6050	60/65x50
TXZ 2025B	20/23x25	TXZ 6060	60/65x60
TXZ 2030B	20/23x30	TXZ 6070	60/65x70
TXZ 2210	22/25x10	TXZ 6530	65/70x30
TXZ 2212	22/25x12	TXZ 6540	65/70x40
TXZ 2215	22/25x15	TXZ 6550	65/70x50
TXZ 2220	22/25x20	TXZ 6560	65/70x60
TXZ 2225	22/25x25	TXZ 6570	65/70x70
TXZ 2230	22/25x30	TXZ 7040	70/75x40
TXZ 2415A	24/27x15	TXZ 7050	70/75x50
TXZ 2420A	24/27x20	TXZ 7060	70/75x60
TXZ 2425A	24/27x25	TXZ 7070	70/75x70
TXZ 2430A	24/27x30	TXZ 7080	70/75x80
TXZ 2510	25/28x10	TXZ 7530	75/80x30
TXZ 2512	25/28x12	TXZ 7540	75/80x40
TXZ 2515	25/28x15	TXZ 7550	75/80x50
TXZ 2520	25/28x20	TXZ 7560	75/80x60
TXZ 2525	25/28x25	TXZ 7570	75/80x70
TXZ 2530	25/28x30	TXZ 7580	75/80x80
TXZ 2540	25/28x40	TXZ 8040	80/85x40
TXZ 2550	25/28x50	TXZ 8050	80/85x50
TXZ 2815	28/32x15	TXZ 8060	80/85x60
TXZ 2820	28/32x20	TXZ 8070	80/85x70
TXZ 2825	28/32x25	TXZ 8080	80/85x80
TXZ 2830	28/32x30	TXZ 80100	80/85x100
TXZ 2840	28/32x40	TXZ 8540	85/90x40
TXZ 3012	30/34x12	TXZ 8560	85/90x60
TXZ 3015	30/34x15	TXZ 8580	85/90x80
TXZ 3020	30/34x20	TXZ 85100	85/90x100
TXZ 3025	30/34x25	TXZ 9040	90/95x40
TXZ 3030	30/34x30	TXZ 9050	90/95x50
TXZ 3040	30/34x40	TXZ 9060	90/95x60
TXZ 3220	32/36x20	TXZ 9080	90/95x80
TXZ 3230	32/36x30	TXZ 90100	90/95x100
TXZ 3240	32/36x40	TXZ 9550	95/100x50
TXZ 3512	35/39x12	TXZ 9560	95/100x60
TXZ 3515	35/39x15	TXZ 9580	95/100x80
TXZ 3520	35/39x20	TXZ 95100	95/100x100
TXZ 3525	35/39x25	TXZ 10050	100/105x50
TXZ 3530	35/39x30	TXZ 10060	100/105x60
TXZ 3540	35/39x40	TXZ 10080	100/105x80
TXZ 3550	35/39x50	TXZ 100100	100/105x100
TXZ 3815	38/42x15	TXZ 100115	100/105x115
TXZ 3830	38/42x30	TXZ 10560	105/110x60
TXZ 3840	38/42x40	TXZ 10580	105/110x80
TXZ 4012	40/44x12	TXZ 105115	105/110x115
TXZ 4020	40/44x20	TXZ 11060	110/115x60
TXZ 4025	40/44x25	TXZ 11080	110/115x80
TXZ 4030	40/44x30	TXZ 110115	110/115x115
TXZ 4040	40/44x40	TXZ 12060	120/125x60
TXZ 4050	40/44x50	TXZ 12080	120/125x80
TXZ 4520	45/50x20	TXZ 120100	120/125x100
TXZ 4525	45/50x25	TXZ 12560	125/130x60
TXZ 4530	45/50x30	TXZ 125100	125/130x100
TXZ 4540	45/50x40	TXZ 125115	125/130x115
TXZ 4550	45/50x50	TXZ 13060	130/135x60
TXZ 5020	50/55x20	TXZ 13080	130/135x80
TXZ 5030	50/55x30	TXZ 130100	130/135x100
TXZ 5040	50/55x40	TXZ 14060	140/145x60

TXZ

Also available in inch sizes!

Art. Nr.	d / D x L
TXZ 14080	140/145x80
TXZ 140100	140/145x100
TXZ 15060	150/155x60
TXZ 15080	150/155x80
TXZ 150100	150/155x100
TXZ 16060	160/165x60
TXZ 16080	160/165x80
TXZ 160100	160/165x100
TXZ 18080	180/185x80
TXZ 180100	180/185x100
TXZ 19080	190/195x80
TXZ 190100	190/195x100
TXZ 20060	200/205x60
TXZ 20080	200/205x80
TXZ 200100	200/205x100
TXZ 22080	220/225x80
TXZ 220100	220/225x100
TXZ 25080	250/255x80
TXZ 250100	250/255x100
TXZ 26080	260/265x80
TXZ 260100	260/265x100
TXZ 28080	280/285x80
TXZ 280100	280/285x100
TXZ 30080	300/305x80
TXZ 300100	300/305x100