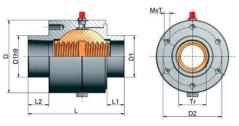


Nuts for rotating version R



Self-aligning nut Z-..-PM



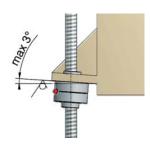
Advantage

- Angular compensation up to +/-3°
- Grease nipple or connection thread to central lubrication
- Bellows can be connected

Part no.	Thread Tr d x	-	D	D	1	D2	
Z-5-PM ¹⁾	Tr 18x4	1	52	2	9	40	
Z-10-PM ¹⁾	Tr 20x4	4	74	3	9	60	
Z-25-PM ¹⁾	Tr 30x6	ŝ	88	4	-6	70	
Z-35/50-PM ¹⁾	Tr 40x	7	105	6	0	85	
Z-100-PM	Tr 55x9		148	8	5	120	
Z-150-PM	Tr 60x9		165	9	0	125	
Z-250-PM	Tr 80x16		225	12	20	170	
Z-350-PM	Tr 100x16		280	14	45	215	
_							
Part no.	MxT	L	L1	L2	LS ²⁾	kg	
7 F DI((1)	MEV12	70	10	21	122	0.00	

MxT	L	L1	L2	LS ²⁾	kg	
M5x12	78	13	21	123	0.66	
M6x12	83	13	24	128	1.49	
M6x12	95	13	27	158	2.36	
M8x16	129	15	30	212	5.04	
M10x20	190	15	45	298	15.1	
M12x24	210	15	45	330	21.9	
M16x32	224	20	40	369	47.0	
M20x40	275	20	40	455	94	
	M5x12 M6x12 M6x12 M8x16 M10x20 M12x24 M16x32	M5x12 78 M6x12 83 M6x12 95 M8x16 129 M10x20 190 M12x24 210 M16x32 224	M5x12 78 13 M6x12 83 13 M6x12 95 13 M8x16 129 15 M10x20 190 15 M12x24 210 15 M16x32 224 20	M5x12 78 13 21 M6x12 83 13 24 M6x12 95 13 27 M8x16 129 15 30 M10x20 190 15 45 M12x24 210 15 45 M16x32 224 20 40	M5x12 78 13 21 123 M6x12 83 13 24 128 M6x12 95 13 27 158 M8x16 129 15 30 212 M10x20 190 15 45 298 M12x24 210 15 45 330 M16x32 224 20 40 369	

1)Identical to the previous MSZ type



Application

(Welded) fabrications often exhibit angular errors, which lead to rapid wear of the trapezoidal screw nuts. The self-aligning nut PM can compensate small angular errors on the attachment face up to maximum +/-3°. A large grease reservoir increases the maintenance intervals and extends the service life.

CAUTION:

Self-aligning nuts cannot compensate parallelism errors between screws or between screws and guides. Take care to ensure precise alignment. The attachment faces for the gearboxes must therefore be exactly at right angles to the guides.

Trapezoidal screw

DIN 103, quality 7H, right-handed

Screwed grease nipple

Thread 1/8" / 1/4" from Tr 40x7

Material

Housing: GG 25 (grey cast iron) Spherical nut: Rg7 (bronze)

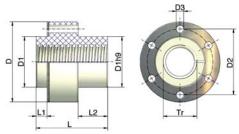
Safety nut SIFA is available for the

is available for the self-aligning nut on request.





Greaseless nut Z-..-FFDM



٦.								kN max.		
Part no.	Tr	D	D13)	D2	D3	L	L1	L2	Load ²⁾	kg
Z-5-FFDM ¹⁾	Tr 18x4	52	29	40	6	53	11	20	1	0.07
Z-10-FFDM ¹⁾	Tr 20x4	68	39	54	7	53	11	20	2	0.12
Z-25-FFDM ¹⁾	Tr 30x6	79	46	61	7	59	11	23	5	0.18
Z-35/50-FFDM1)	Tr 40x7	95	60	78	9	85	13	35	7	0.38

Nut material: Plastic, high-performance polymer stainless steel

Quality: 7H DIN 103, right-handed

¹⁾Identical to the previous MSZ - FFDM type

²⁾As approximate value, depending on the stroke speed and ambient temperature

³⁾Connection bore for D1 +0.2 mm for thermal expansion

²⁾Overall length PM incl. SIFA safety nut