

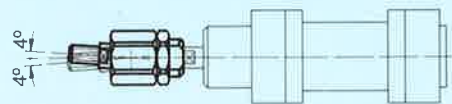
Self-aligning rod coupler

with hexagon nut as per DIN 439

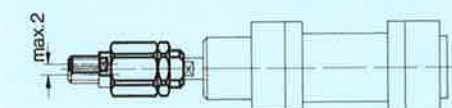
Type FK-...

The coupler is used for connecting the piston rod end of all types of cylinders with mechanical moving parts. It permits a compensation of misalignments both angular and radial.

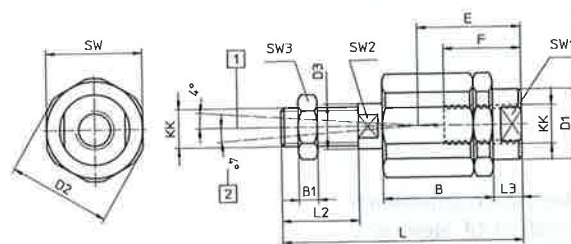
Angular compensation



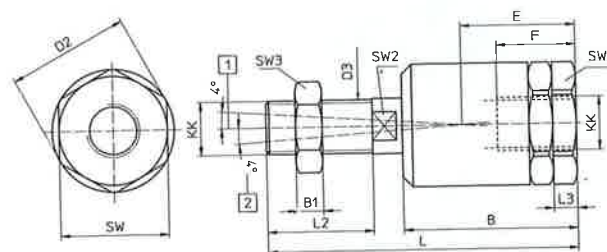
Radial compensation of the centre axis



Type FK-...



Type FK-M24, FK-M27 × 2, FK-M36 × 2



- 1 Radial displacement of centre axis (P)
- 2 Deflection of centre axis

Type	B	B ₁	D ₁	D ₂	D ₃	E	F	L	L ₂	L ₃	SW	SW ₁	SW ₂	SW ₃
FK-M 4	16.5	2.2	SW 11	12.7	3.8	16	12.5	33	8	4.5	11	11	3.2	7
FK-M 5	17.5	2.7	8.5	14.5	5.8	15.7	11.5	38.5	13.5	4.4	13	7	5	8
FK-M 6	17.5	3.2	8.5	14.5	5.8	15.7	11.5	37	12	3.5	13	7	5	10
FK-M 8	23.5	4	12.8	19	8	20.6	14	48.5	15	5	17	10	7	13
FK-M 10	34	5	21.8	32	14	31	23	67.5	18	8	30	19	12	17
FK-M 10 × 1.25	34	5	21.8	32	14	31	23	69.5	20	8	30	19	12	17
FK-M 12	34	6	21.8	32	14	31	23	70.5	21	8	30	19	12	19
FK-M 12 × 1.25	34	6	21.8	32	14	32	24	74.5	24	9	30	19	12	19
FK-M 16	53	8	33.8	45	22	44.5	32	97	26	9	41	30	19	24
FK-M 16 × 1.5	53	8	33.8	45	22	44.5	32	103	32	9	41	30	19	24
FK-M 20	53	10	33.8	45	22	46.5	34	105	32	11	41	30	19	30
FK-M 20 × 1.5	53	10	33.8	45	22	46.5	41	120	40	18	41	30	19	30
FK-M 24	79	12	SW 46	58	25	62	40	147	44	12	55	46	22	36
FK-M 27 × 2	81	13.5	SW 55	62	28	53	40	157	54	2	55	55	24	41
FK-M 36 × 2	157	18	SW 75	80	36	110	70	251	72	22	75	75	32	55

Order code	Part No.	Type	for piston rod thread KK	Material	Weight kg	max. permissible tensile and compressive load N (≈ kp)	Radial misalignment P mm
6528	FK-M 4	M 4	Galvanized steel		0.015	750 (75)	0.5
30984	FK-M 5	M 5			0.020	1200 (120)	0.5
2061	FK-M 6	M 6			0.017	1200 (120)	0.5
2062	FK-M 8	M 8			0.050	2500 (250)	0.5
2063	FK-M 10	M 10			0.210	5000 (500)	0.7
6140	FK-M 10 × 1.25	M 10 × 1.25			0.210	5000 (500)	0.7
2064	FK-M 12	M 12			0.210	5000 (500)	0.7
6141	FK-M 12 × 1.25	M 12 × 1.25			0.215	5000 (500)	0.7
2065	FK-M 16	M 16			0.670	10000 (1000)	1
6142	FK-M 16 × 1.5	M 16 × 1.5			0.650	10000 (1000)	1
2066	FK-M 20	M 20			0.700	10000 (1000)	1
6143	FK-M 20 × 1.5	M 20 × 1.5			0.720	10000 (1000)	1
4029	FK-M 24	M 24 × 2			1.670	24000 (2400)	1
10485	FK-M 27 × 2	M 27 × 2			2.100	30000 (3000)	1
10746	FK-M 36 × 2	M 36 × 2			5.800	40000 (4000)	1