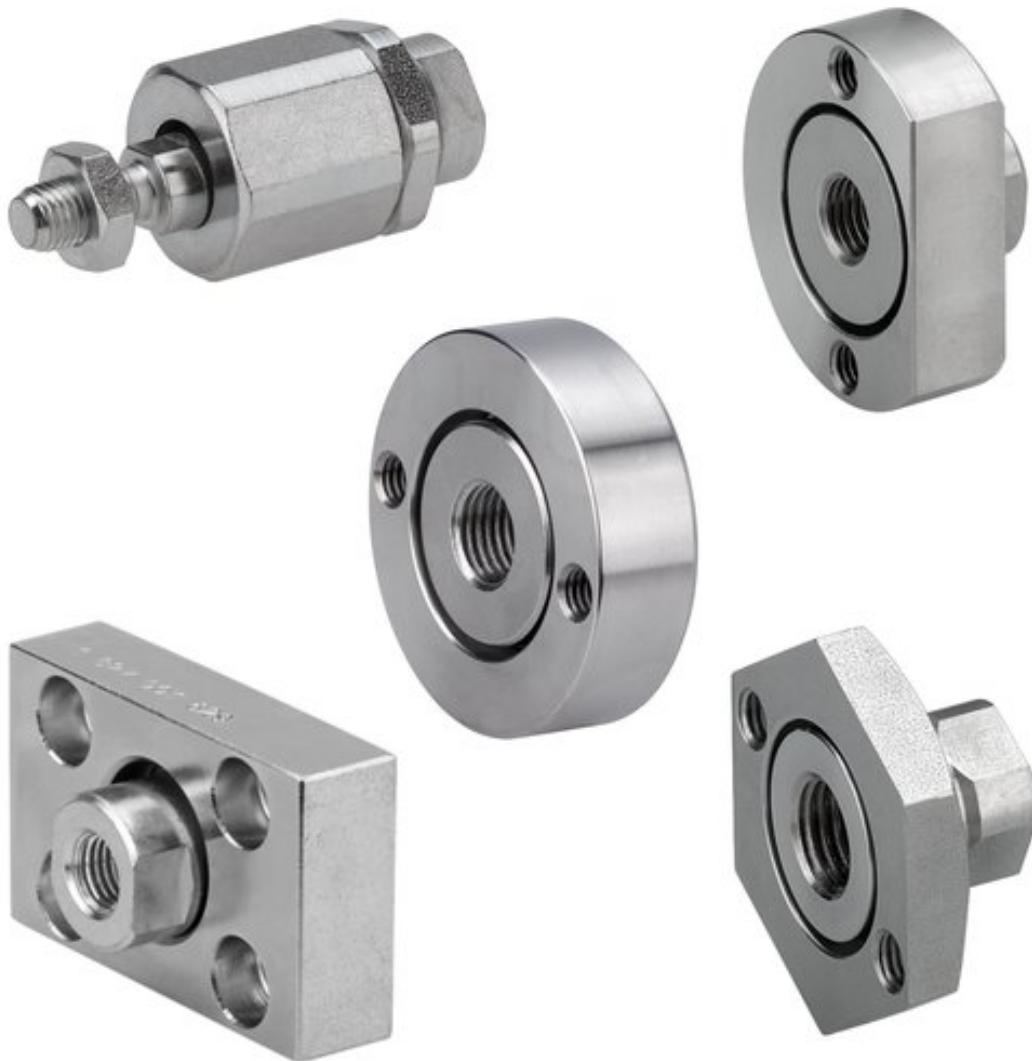


Flexible couplings



AVENTICS™ Flexible couplings



Compensating coupling PM5, series CM2

- to mount on cylinder PRA, TRB, CCL-IS/-IC, CCI, SSI, MNI, KPZ, KHZ, 167, CVI, RPC, RDC, ITS, spherical



Weight

See table below

Technical data

Part No.	Suitable piston rod thread	for
1826409008	M4	MNI
R412007860	M5	-
R412026140	M6x1	CCL-IC CCI MNI
R412026141	M8x1,25	CCL-IC CCI MNI
R412026142	M10x1,25	PRA TRB CCL-IS CCL-IC CCI SSI KPZ 167 CVI RPC
R412026143	M12x1,25	PRA TRB CCI CCL-IS CCL-IC SSI KPZ 167 CVI RPC
R412026144	M16x1,5	PRA TRB CCI CCL-IS CCL-IC KPZ 167 CVI RPC RDC
R412026145	M20x1,5	PRA TRB CCL-IS SSI KPZ 167 CVI
1826409006	M27x2	PRA TRB CCL-IS CVI
1826409007	M36x2	ITS
R412007729	M42x2	ITS

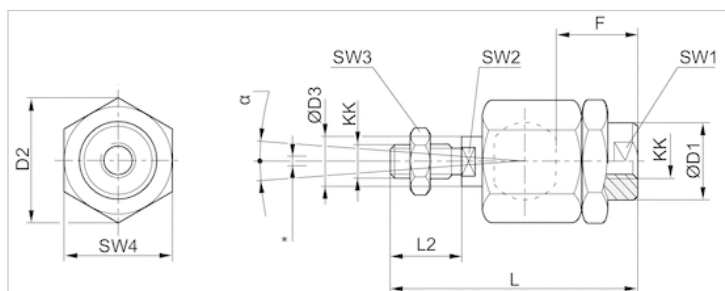
Part No.	Weight
1826409008	0.02 kg
R412007860	0.02 kg
R412026140	0.02 kg
R412026141	0.05 kg
R412026142	0.21 kg
R412026143	0.21 kg
R412026144	0.65 kg
R412026145	0.68 kg
1826409006	1.7 kg
1826409007	5.4 kg
R412007729	8.76 kg

Technical information

Material

Steel
galvanized

Dimensions



* Radial joint

Dimensions

Part No.	KK	Ø D1	D2	Ø D3	F	L ±2	L2	SW1	SW2	SW3	SW4	α [°]	1)	2)
1826409008	M4	12	13.5	4	13	33	8	12	3.2	7	12	8	0.05-0.2	0-0,5
R412007860	M5	8.5	14.8	6	12	38.5	13.5	7	5	8	13	8	0.05-0.2	0-0,5
R412026140	M6x1	8.5	14.5	6	11	36.5	11	7	5	10	13	6	0.05-0.5	0-1,5
R412026141	M8x1,25	12.5	19	8	21	58	21	11	7	13	17	8	0.05-0.5	0-1,5
R412026142	M10x1,25	22	32	14	23	74.5	23	19	12	17	30	8	0.05-0.5	0-2
R412026143	M12x1,25	22	32	14	24	75	24	19	12	19	30	7	0.05-0.5	0-2
R412026144	M16x1,5	32	45	22	30	103	30	30	20	24	41	6	0.05-0.5	0-2
R412026145	M20x1,5	32	45	22	40	119	40	30	20	30	41	6	0.05-0.5	0-2
1826409006	M27x2	62	62	28	48	147	54	32	24	41	55	8	0.05-0.2	0-2
1826409007	M36x2	80	80	38	86	241	72	50	36	55	75	8	0.05-0.2	0-2
R412007729	M42x2	64	98	42	96	271	82	60	36	65	85	8	0.05-0.2	0-2

1) Axial play

2) Radial play

Compensating coupling PM7, series CM2

- to mount on cylinder PRA, TRB, CCL-IS/-IC, CCI, SSI, KPZ, 167, CVI, RPC, ITS, with plate



Weight

See table below

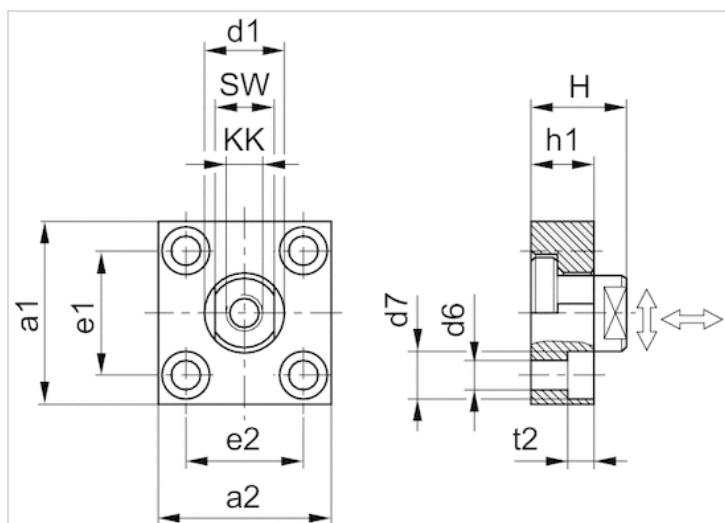
Technical data

Part No.	Suitable piston rod thread	for	Weight
1827001629	M10x1,25	PRA TRB CCL-IS CCL-IC CCI SSI KPZ RPC 167	0.3 kg
1827001630	M12x1,25	PRA TRB CCL-IS CCL-IC CCI SSI KPZ RPC 167	0.4 kg
1827001631	M16x1,5	PRA TRB CCL-IS CCL-IC CCI SSI KPZ RPC 167	0.9 kg
1827001632	M20x1,5	PRA TRB CCL-IS SSI KPZ CVI 167	1.15 kg
1827001633	M27x2	PRA TRB CCL-IS CVI	1.1 kg
1827001634	M36x2	ITS	3.4 kg

Technical information

Material	
	Steel
	galvanized

Dimensions



Dimensions

Part No.	a1	a2	d1 h11	d6 H13	d7 H13	e1 H13	e2	h1	t2	H	SW
1827001629	60	37	20	6.6	11	36 ±0,15	23 ±0,15	15	7	24	17
1827001630	60	56	25	9	15	42 ±0,2	38 ±0,2	20	9	30	19
1827001631	80	80	30	11	18	58 ±0,2	58 ±0,2	20	11	32	24
1827001632	90	90	40	14	20	65 ±0,3	65 ±0,3	20	13	35	36
1827001633	90	90	40	14	20	65 ±0,3	65 ±0,3	20	13	35	36
1827001634	125	125	60	18	26	90 ±0,3	90 ±0,3	30	17	55	50

Tightening torque for the coupling pin $M_a \pm 5\%$	Axial play min./max.	Radial play min./max.
17 Nm	0.4 0.8 mm	1.9 2.3 mm
29 Nm	0.4 0.8 mm	1.9 2.3 mm
71 Nm	0.4 0.8 mm	1.9 2.3 mm
138 Nm	0.4 0.8 mm	1.9 2.3 mm
350 Nm	0.4 20.31 mm	1.9 2.3 mm
1080 Nm	0.4 0.95 mm	2.8 3.4 mm

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