

Flexible Couplings RDA ... ESO

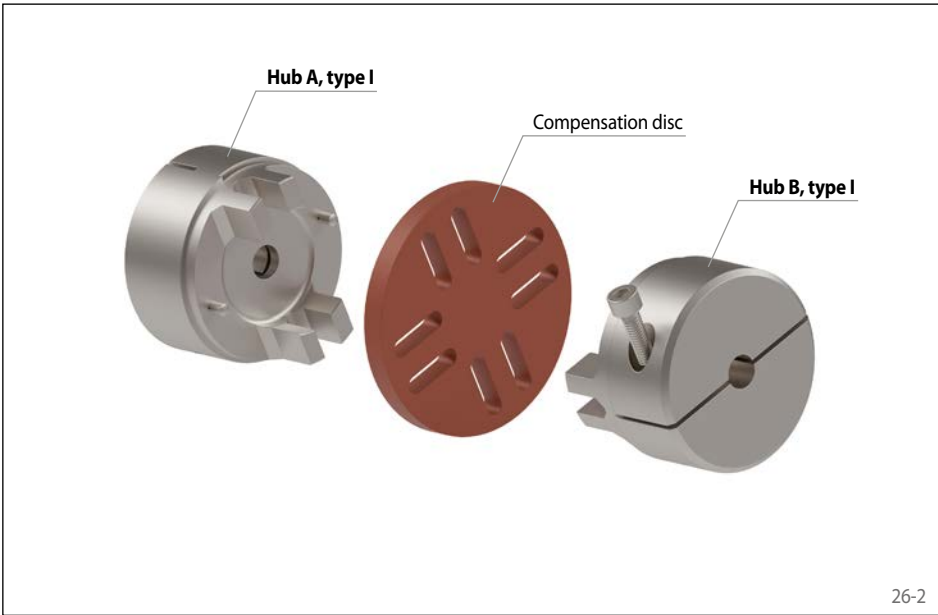
Design RDA ... ESO-STA-1KA ...
Hub with backlash-free clamping connection



26-1

Features

- Compact design
- Simple robust design
- Electrical insulation
- No stick-slip effect
- Large radial shaft misalignment permissible
- Torsionally rigid
- Minimal restoring forces to adjacent machine parts
- Typical applications: Printing machines, machine tools



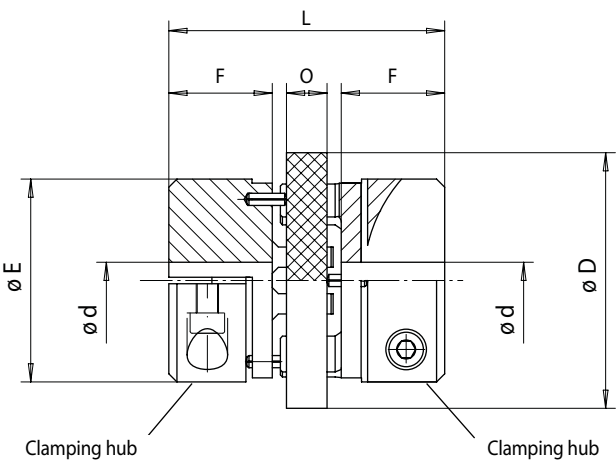
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Order example

	Code
Coupling design	RDA
Coupling size	0012
Type	ESO
Material of the hub: • Steel	STA
Hub A, type: • I, clamping hub	1
Hub A, design: • Clamping hub, single slotted, metric bore, H7, without keyway	KA
Bore diameter hub A	005
Hub B, type: • I, clamping hub	1
Hub B, design: • Clamping hub, single slotted, metric bore, H7, without keyway	KA
Bore diameter hub B	010
Material of the compensation disc: • HGW 2082 in accordance with DIN 7735 • PARA-GF60*	HG82 PAGF
RDA 0012 ESO-STA-1KA005-1KA010-HG82	

*RDA 0010 ESO only

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Coupling size	Max. torque T_{Kmax} Nm	Max. speed n_{max} min^{-1}	Moment of inertia J_K kgm^2	Max. misalignments**		Finish bore d		D mm	E mm	F mm	L mm	O mm	Weight with rough bore kg
				Axial +/- mm	Radial mm	min. mm	max. mm						
0010*	2	13 000	0,0001	0,75	0,5	5	10	32	26	13	35	6	0,10
0012	4	10 500	0,0002	0,75	0,6	6	14	40	32	16	42	4	0,20
0016	8	8 400	0,0003	0,75	0,8	8	20	50	40	18,5	51	6	0,38
0020	16	6 800	0,0004	1,00	1,0	10	25	63	50	25	64	6	0,78
0027	32	5 350	0,0008	1,25	1,35	12	35	80	65	32	85	8	1,70

For finish bores, please specify bore diameter hub A and hub B. Tolerance of finish bores H7. Keyway tolerance P9.

* Material of compensation disc PARA-GF60

** Max. angular displacement 3°.

Elastomer element	Material	Temperature range °C	Colour
HGW 2082	Cotton fabric-phenolic	up to +100	red