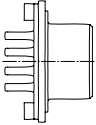
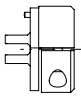
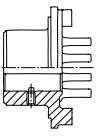
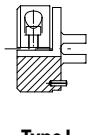
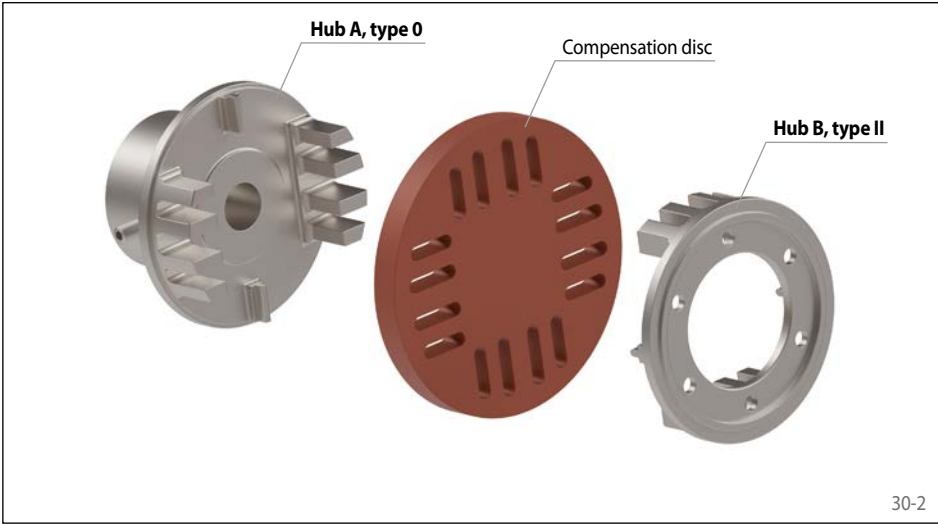


Combination of hub designs



The design of the flexible coupling RDA ... ESO allows for the combination of various hub forms to suit available space.

	 Type 0	 Type I	 Type II
 Type 0			
 Type I			
 Type II			

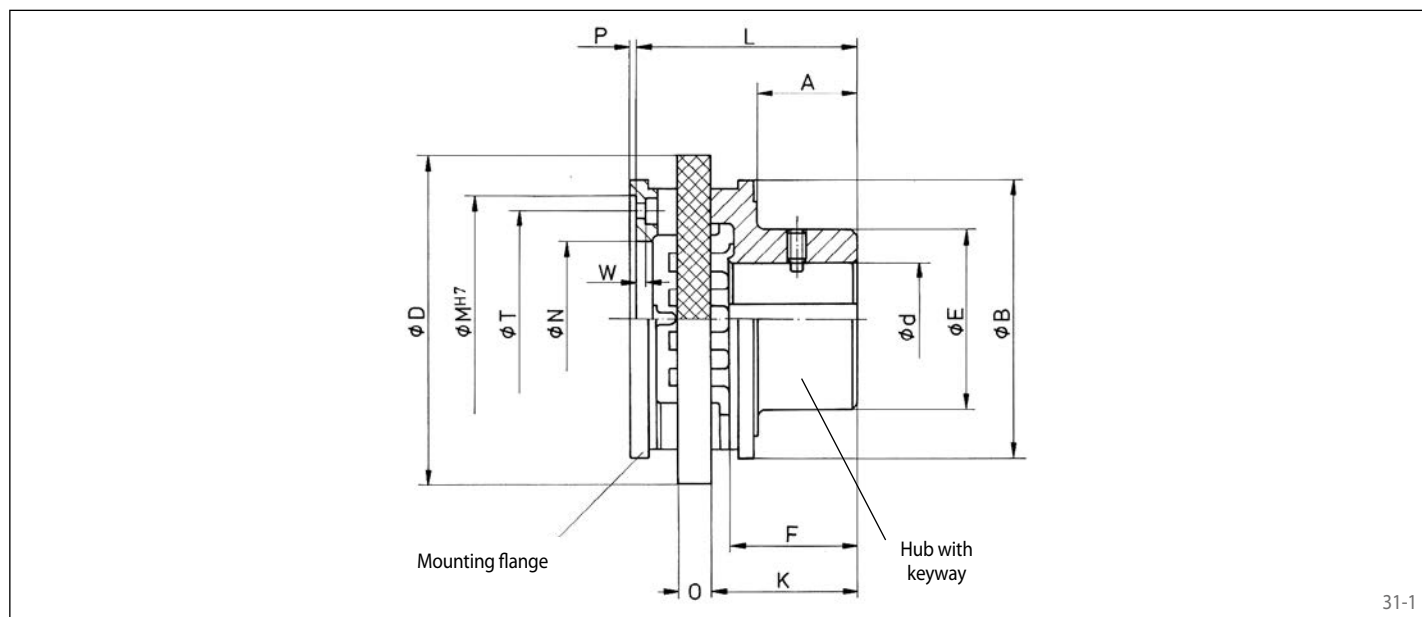


Order example	Code
Coupling design	RDA
Coupling size	0035
Type	ESO
Material of the hub: • Nodular cast iron	GJS
Hub A, type: • 0, standard	0
Hub A, design: • finish bored with keyway • roughbored	FB VA
Bore diameter hub A	028
Hub B, type: • II, flange hub	2
Hub B, design: • Mounting flange with through bore, arrangement of the fastening holes according to hole pattern	PE
Pitch diameter T hub B	065
Material of the compensation disc: • HGW 2082 in accordance with DIN 7735	HG82

RDA 0035 ESO-GJS-0FB028-2PE065-HG82

Example hub combination

Hub with mounting flange – hub with keyway



31-1

Coupling size	Max. torque $T_{K \max}$	Max. speed $n_{\max}$	Moment of inertia J_K	Max. misalignments*		Pilot bore d	Finish bore d		A	B	D	E	F**	K	L	M ^{H7}	N	O	P	T	W	Z	Hole pattern***	Weight with rough bore
				Axial +/- mm	Radial mm		min. mm	max. mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
0035	85	4100	0,0011	1,50	1,75	15	16	35	33	90	110	53	42	50,0	76,5	75	45	12	2,5	65	3,5	M 6	1	1,3
0042	190	3400	0,0032	1,50	2,1	19	20	42	41	110	135	66	53	61,0	90,5	90	52	14	2,5	75	4,5	M 6	2	2,6
0050	500	2670	0,0075	2,00	2,5	29	30	50	51	135	160	85	62	71,5	105,5	100	65	16	4,5	88	4,5	M 8	2	4,1
0051	500	2670	0,0074	2,00	2,5	29	30	50	51	135	160	85	62	71,5	105,0	125	76	16	3,0	108	5,0	M 8	3	4,0
0070	1000	2140	0,0203	2,00	3,5	33	34	70	65	163	200	104	79	90,0	131,0	135	90	20	4,0	115	5,5	M 10	2	7,7
0090	2000	1700	0,0782	2,50	4,5	48	50	90	81	202	250	150	100	111	162,5	170	104	25	4,5	150	7,0	M 10	4	18,0
0110	4000	1350	0,2113	4,00	5,5	58	60	110	101	254	315	175	124	140	204,0	200	146	32	5,0	180	5,0	M 12	3	31,6
0140	8000	1050	0,7485	4,50	7,0	72	75	140	130	330	400	216	160	181	265,0	250	157	40	5,0	225	8,0	M 16	3	67,6

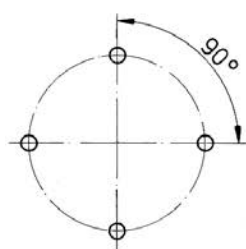
Tolerance of finish bores H7. Keyways in accordance with DIN 6885, sheet 1. Keyway tolerance P9.

* Max. angular displacement 3°.

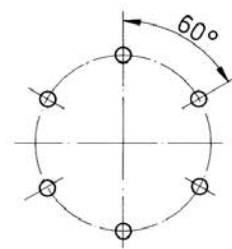
** The hub length F can be shortened, which would change the dimensions A, C, K and L accordingly.

*** Arrangement of the fastening holes for screws Z (DIN EN ISO 4762) on pitch diameter T for coupling half with flange mounting.

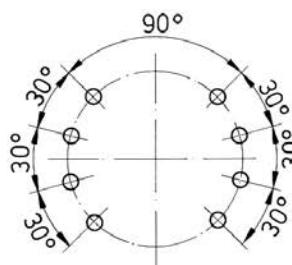
Arrangement of the fastening holes



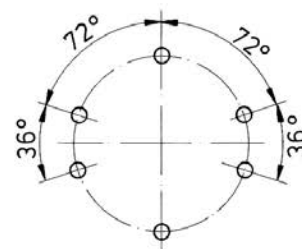
Hole pattern 1



Hole pattern 2



Hole pattern 3



Hole pattern 4