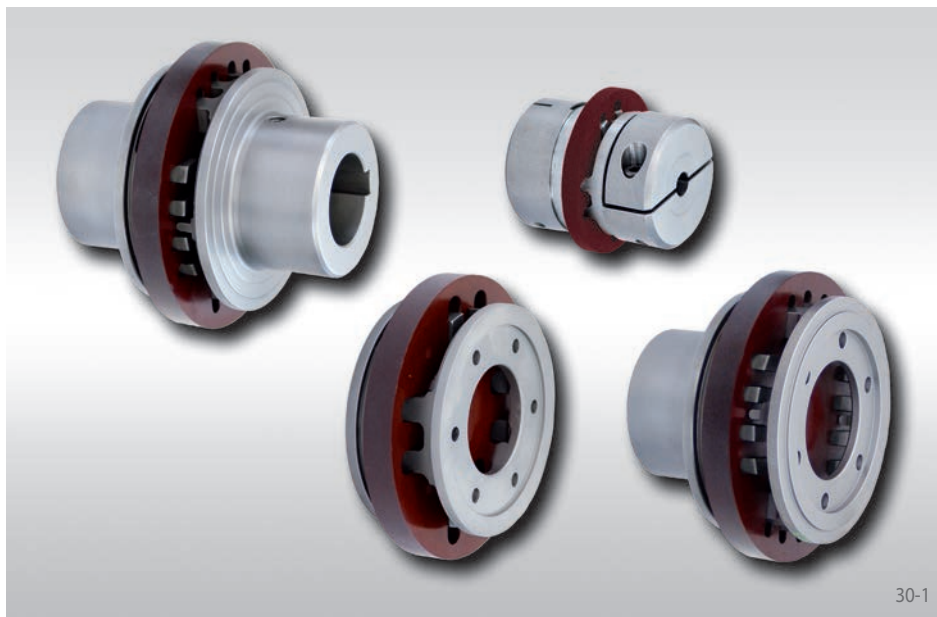
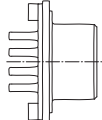


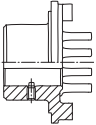




## Combination of hub designs



30-1

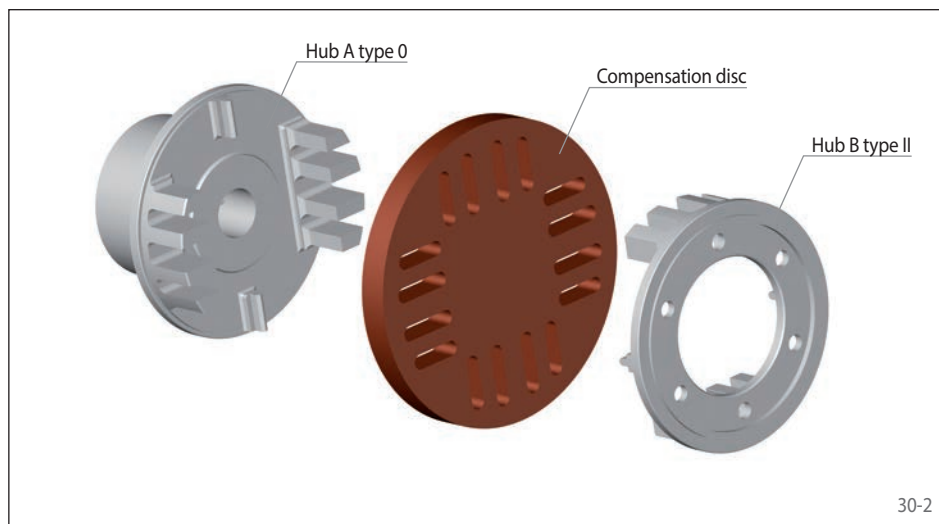
The design of the flexible coupling RDA ... ESO allows for the combination of various hub forms to suit available space.

	 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

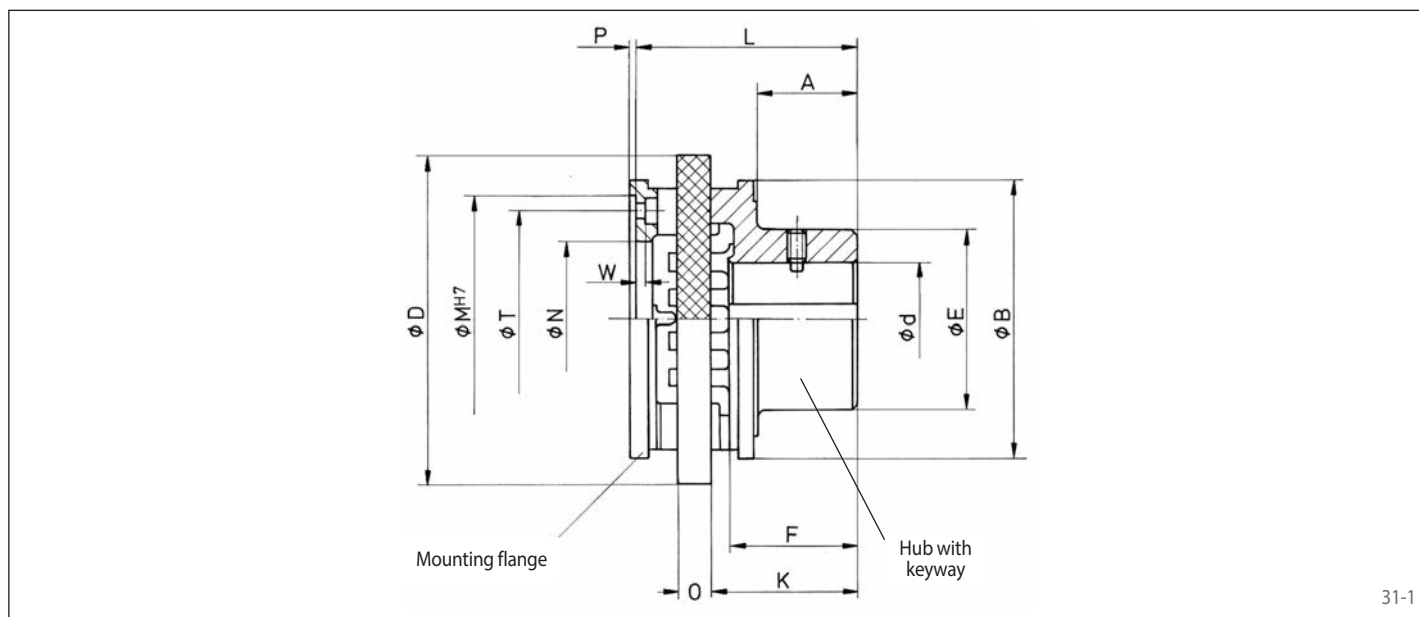
RDA 0035 ESO-GJS-0FB028-2PE065-HG82



30-2

## Example hub combination

### Hub with mounting flange – hub with keyway



31-1

Coupling size	Max. torque $T_{Kmax}$ Nm	Max. speed $n_{max}$ min <sup>-1</sup>	Moment of inertia $J_K$ kgm <sup>2</sup>	Max. misalignments*		Pilot bore d mm	Finish bore d		A mm	B mm	D mm	E mm	F** mm	K mm	L mm	M <sup>H7</sup> mm	N mm	O mm	P mm	T mm	W mm	Z	Hole pattern ***	Weight with rough bore kg
				Axial +/- mm	Radial mm		min. mm	max. mm																
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

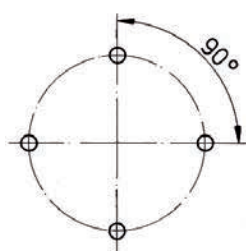
Tolerance of finish bores H7. Keyways in accordance with DIN 6885, sheet 1. Keyway tolerance P9.

\* max. angular displacement 3°.

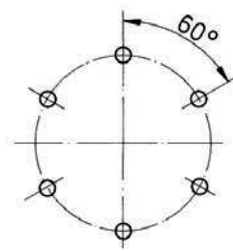
\*\* The hub length F can be shortened, which would change the dimensions A, C, K and L accordingly.

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

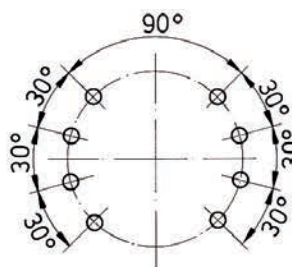
### Arrangement of the fastening holes



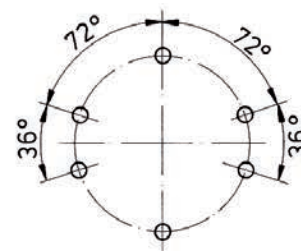
Hole pattern 1



Hole pattern 2



Hole pattern 3



Hole pattern 4