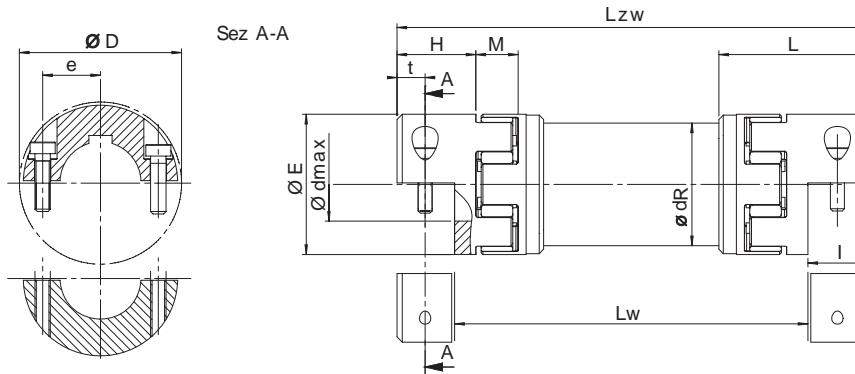


“GES LR3” execution with intermediate shaft

Ideal execution for long distance shaft connections. Torque transmission is zero backlash. It is used in applications such as automatic machines, lifting machines, palletizing machines, and handling machines. Designed for length up to 4 m without

bearing support (depending on rotation speed). The double slot execution, allows spider mounting and replacement without driver/driven machine displacement. All aluminum alloy for a very low inertia.

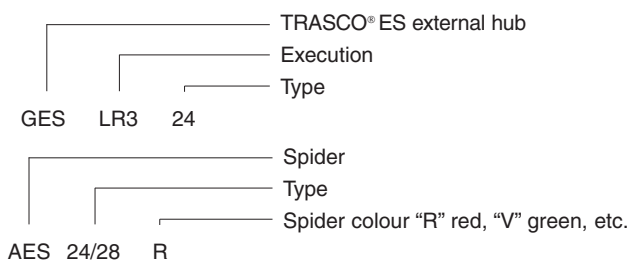


Type	Dimensions finished bores		Clamping		Moment of inertia [10 ³ kgm ²] with d _{max} hub 1			Torsional rigidity
	d _{min} [mm]	d _{max} [mm]	Screws DIN 4762-8.8	M _s [Nm]	Hub 1 J ₁	Hub 2 J ₂	Shaft J ₃	C _T [Nm/rad]
19	8	20	M6	10	0,02002	0,01304	0,340	3003
24	10	28	M6	10	0,07625	0,04481	0,0697	6139
28	14	38	M8	25	0,17629	0,1095	1,243	10936
38	18	45	M8	25	0,50385	0,2572	3,072	27114
42	22	50	M10	49	1,12166	0,5523	4,719	41591
48	22	55	M12	86	1,87044	1,1834	9,591	84384

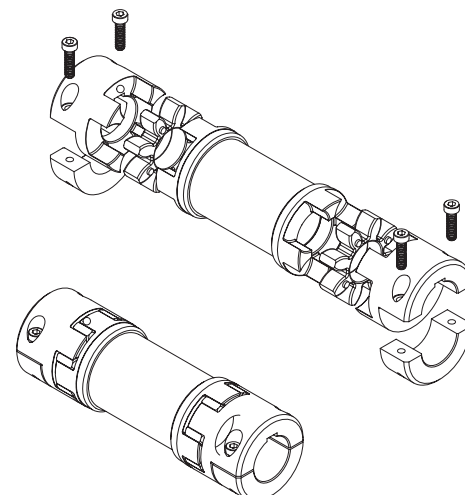
E [mm]	H [mm]	I [mm]	L [mm]	M [mm]	L _w [mm]	L _w min [mm]	L _{zw} [mm]	D [mm]	t [mm]	e [mm]	d _R [mm]
40	25	17,5	49	16	Length on request	98	L _w +35	47	8	14,5	40
55	30	22	59	18		113	L _w +44	57	10,5	20	50
65	35	25	67	20		131	L _w +50	73	11,5	25	60
80	45	33	83,5	24		163	L _w +66	84	15,5	30	70
95	50	36,5	93	26		180	L _w +73	94	18	32	80
105	56	39,5	103	28		202	L _w +79	105	18,5	36	100

Type	Bores and torques for friction with hub without keyway [Nm]																								
	Ø 8	Ø 10	Ø 11	Ø 14	Ø 15	Ø 16	Ø 18	Ø 19	Ø 20	Ø 22	Ø 24	Ø 25	Ø 28	Ø 30	Ø 32	Ø 35	Ø 38	Ø 40	Ø 42	Ø 45	Ø 46	Ø 48	Ø 50	Ø 55	
19	17	21	23	30	32	34	38	40	42																
24		21	23	30	32	34	38	40	42	47	51	53	59												
28				54	58	62	70	74	78	86	93	97	109	117	124	136	148								
38							70	74	78	86	93	97	109	117	124	136	148	156	163	175					
42										136	149	155	174	186	198	217	235	248	260	279	285	297	310		
48										199	217	226	253	271	290	317	344	362	380	407	416	434	452	498	

Order form



Intermediate shaft on request.



M _S	Screw tightening torque	Nm
J	Coupling moment of inertia	kgm ²
C _T	Torsional rigidity	Nm/rad