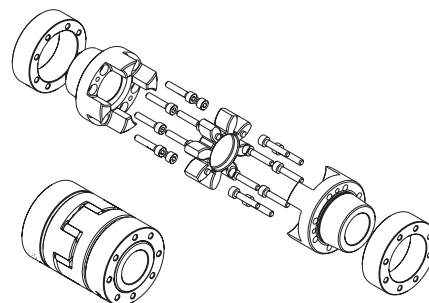
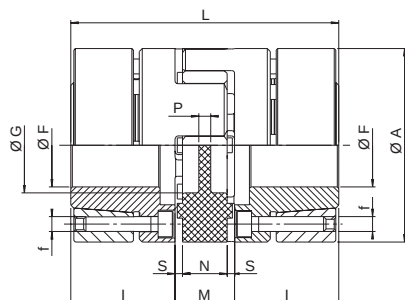


“A” type - Shrink disc execution

This type of coupling provides excellent kinetic uniformity. Furthermore, the absence of keys or grub screws makes it a well balanced coupling and greatly facilitates installation and removal. An exact radial/ axial positioning is easy for those applications

which require it. The absence of keyways also avoids fretting corrosion and backlash between the shaft and the hub. This is the ideal type of coupling for applications requiring precision and/or high rotational speeds.



Type	F min [mm]	F max [mm]	f	Screws per locking elements	Ms [Nm]	Hub		n _{max} [min ⁻¹]
						W [kg]	J [kgm²]	
ALUMINUM HUBS AND STEEL LOCKING ELEMENT								
14	6	14	M3	4	1,3	0,049	7 x 10 ⁻⁶	28.000
19/24	10	20	M4	6	2,9	0,120	30 x 10 ⁻⁶	21.000
24/28	15	28	M5	4	6,0	0,280	135 x 10 ⁻⁶	15.500
28/38	19	38	M5	8	6,0	0,450	315 x 10 ⁻⁶	13.200
38/45	20	45	M6	8	10,0	0,950	960 x 10 ⁻⁶	10.500
STEEL HUBS AND LOCKING ELEMENT								
42	28	50	M8	4	35,0	2,300	3.150 x 10 ⁻⁶	9.000
48	35	60	M8	4	35,0	3,080	5.200 x 10 ⁻⁶	8.000
55	38	65	M10	4	71,0	4,670	10.300 x 10 ⁻⁶	6.300
65	40	70	M12	4	120,0	6,700	19.100 x 10 ⁻⁶	5.600

A [mm]	G [mm]	L [mm]	I [mm]	M [mm]	N [mm]	S [mm]	P [mm]
ALUMINUM HUBS AND STEEL LOCKING ELEMENT							
30	10,5	50	18,5	13	10	1,5	2
40	18	66	25	16	12	2,0	3,5
55	27	78	30	18	14	2,0	4
65	30	90	35	20	15	2,5	5,2
80	38	114	45	24	18	3,0	5,6
STEEL HUBS AND LOCKING ELEMENT							
95	46	126	50	26	20	3,0	5,6
105	51	140	56	28	21	3,5	6
120	60	160	65	30	22	4	9
135	68	185	75	35	26	4,5	8,3

Using hub execution **A**, the shrink-disc maximum transmissible torque is the minor between the value stated in the table

below and the value stated in section “**Technical characteristics**”.

Type	Recommended A coupling Type Hub Bore Dia. [mm] and Transmissible Torque [Nm], valid for shaft tolerances k6																											
	Ø 10	Ø 11	Ø 14	Ø 15	Ø 16	Ø 17	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 48	Ø 50	Ø 55	Ø 60	Ø 65	Ø 70		
14	10	12	22																									
19/24	42	46	60	65	69	74	79	84	88																			
24/28				66	72	77	82	87	92	102	113	118	135															
28/38								175	185	205	225	235	266	287	308	339	373											
38/45									255	283	312	326	367	398	427	471	515	545	577	620								
42													420	460	500	563	627	670	714	790	850	880						
48																557	612	649	687	744	801	840	932	1033				
55																	986	1112	1140	1185	1284	1412	1420	1652	1680	1691		
65																		1531	1580	1772	1840	1960	2049	2438	2495	2590		

Order form

GES A 24/28 F20 – Ø bore
AES 24/28 R
Type and spider colour (R = red, G = yellow, ecc...)

M _S	Screw tightening torque	Nm
W	Weight	kg
J	Coupling moment of inertia	kgm ²
n _{max}	Maximum rpm	min ⁻¹