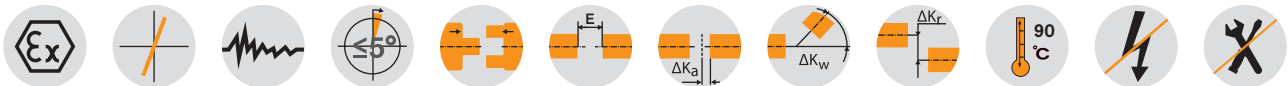


ROTEX® GS Compact Backlash-free jaw couplings

Compact design



For legend of pictogram refer to flapper on the cover



ROTEX® GS Compact - Hub material aluminium

Size	Spider GS ¹⁾ torque T _{KN} [Nm]				Dimensions [mm]										Clamping screws DIN EN ISO 4762			
	80 ShA	92 ShA	98 ShA	64 ShD	d _{max.}	D _H	DK	L	l ₁ , l ₂	E	b	s	d _H	t	e	M	T _A [Nm]	
Single slotted hub type 2.8/2.9																		
7	0.7	1.2	2.0	2.4	7	14	16.6	18	5	8	6	1	-	2.5	5	M2	0.37	
8	0.5	-	2.0	2.4	8	15	17.3	20	7	6	5	0.5	6.2	4	5.4	M2	0.52	
9	1.8	3.0	5.0	6	9	20	21.3	24	7	10	8	1	-	3.5	6.7	M2.5	0.76	
12	3.0	5.0	9.0	12	12	25	26.2	26	7	12	10	1	-	3.5	8.3	M3	1.34	
13	3.6	-	11	14.5	12.7	25	25.7	26	8	10	8	1	10	4	8	M3	1.9	
14	4.0	7.5	12.5	16	16 ²⁾	30	31.6	32	9.5	13	10	1.5	-	4.5	10	M4	2.9	
16	5.0	-	15	19	16	30	32.5	32	10.3	11.4	9.4	1	14	5.3	10.5	M4	4.1	
19	6.0	12.0	21.0	26.0	24 ²⁾	40	45.5	50	17	16	12	2	-	9	14.0	M6	10	
Axially slotted hub type 2.8/2.9																		
24	-	35	60	75	32	55	57.5	54	18	18	14	2	-	11	20.0	M6	10	
28	-	95	160	200	35	65	69.0	62	21	20	15	2.5	-	12	23.8	M8	25	
38	-	190	325	405	45	80	86.0	76	26	24	18	3	-	15	29.5	M10	49	

Review of shaft-hub-connection: Friction torques T_R [Nm] for hub type 2.8

Size	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø11	Ø12	Ø14	Ø15	Ø16	Ø18	Ø19	Ø20	Ø24	Ø25	Ø28	Ø30	Ø32	Ø35	Ø38	Ø40	Ø42	Ø45		
Single slotted hub type 2.8																												
7	0.7	0.9	1.1	1.2	1.4																							
8	1.0	1.2	1.5	1.8	2.0	2.3																						
9		1.5	1.8	2.1	2.4	2.7	3.0																					
12		2.3	2.8	3.3	3.8	4.3	4.7	5.2	5.6	6.0																		
13		3.1	3.9	4.6	5.2	5.9	6.5	7.1	7.8	8.4																		
14			5.0	5.9	6.8	7.7	8.5	9.4	10.2	11.0	7.2 ²⁾	7.7 ²⁾	8.1 ²⁾															
16			7.2	8.5	9.8	11.0	12.2	13.4	14.6	15.7	17.9	19.0	20.0															
19						18.7	20.8	22.9	24.9	26.9	30.8	32.7	34.6	38.2	40.0	41.8	36.0 ²⁾											
Axially slotted hub type 2.8																												
24								34	37	41	48	51	54	61	64	68	81	85	95	102	109							
28											87	93	100	112	118	124	149	156	174	187	199	218						
38											148	158	178	188	198	237	247	277	296	316	346	375	395	415	444			

¹⁾ For selections see page 22 et seqq./other spiders see page 127.

²⁾ Size 14 with screw M3 and dimension e = 10.4/D_K = 30.5/T_A = 1.34 Nm; size 19 with screw M5 and dimension e = 15.5/D_K = 47mm/T_A = 6 Nm

Ordering example:

ROTEX® GS 38	Compact	98 ShA-GS	d 28	2.8 - Ø28	2.8 - Ø45		
Coupling size	Type	Spider hardness	Optional: Bore in spider	Hub type	Finish bore	Hub type	Finish bore