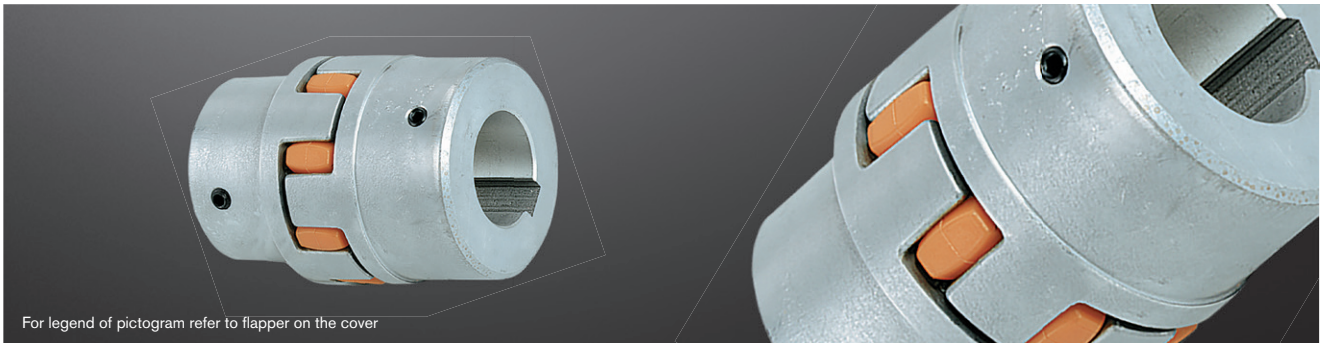
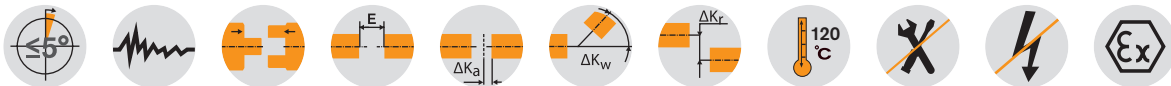


# ROTEX® Standard Flexible jaw couplings

Materials: aluminium + cast + sinter material



For legend of pictogram refer to flapper on the cover



ROTEX® Sintered steel (Sint)																		
Size	Component	Spider <sup>1)</sup> (component 2) Rated torque [Nm]			Finish bore D (min. - max.)	Dimensions [mm]										Setscrew		
		92 ShA	98 ShA	64 ShD		General										G	T	T <sub>A</sub> [Nm]
					L	L1, L2	E	B1	S	DH	DI1	DN	N					
14	1a	7.5	12.5	—	0-16	35	11	13	10	1.5	30	10	30	—	M4	5	1.5	
19	1a	10	17	—	0-25	66	25	16	12	2.0	40	18	40	—	M5	10	2	
24	1a	35	60	—	0-35	78	30	18	14	2.0	56	27	56	—	M5	10	2	

ROTEX® Aluminium diecast (Al-D)																	
Size	Component	92 ShA	98 ShA	64 ShD	Finish bore D (min. - max.)	L	L1, L2	E	B1	S	DH	DI1	DN	N	G	T	T <sub>A</sub> [Nm]
19	1	10	17	—	0-19	66	25	16	12	2	41	18	32	20	M5	10	2
	19-24				41												
24	1	35	60	—	0-24	78	30	18	14	2	56	27	40	24	M5	10	2
	22-28				56												
28	1	95	160	—	0-28	90	35	20	15	2.5	66	30	48	28	M8	15	10
	28-38				66												

ROTEX® Aluminium (Al-H)																	
Size	Component	92 ShA	98 ShA	64 ShD	Finish bore D (min. - max.)	L	L1, L2	E	B1	S	DH	DI1	DN	N	G	T	T <sub>A</sub> [Nm]
14	1a	7.5	12.5	16	0-16	35	11	13	10	1.5	30	10.5	-	-	M4	5	1.5
19	1a	10	17	26	0-24	66	25	16	12	2.0	40	18	-	-	M5	10	2
24	1a	35	60	75	0-28	78	30	18	14	2.0	55	27	-	-	M5	10	2
28	1a	95	160	200	0-38	90	35	20	15	2.5	65	30	-	-	M8	15	10
38	1a	190	325	405	0-45	114	45	24	18	3.0	80	38	-	-	M8	15	10
42	1a	265	450	560	0-55	126	50	26	20	3.0	95	46	-	-	M8	20	10
48	1a	310	525	655	0-62	140	56	28	21	3.5	105	51	-	-	M8	20	10

The coupling is provided with a ROTEX® GS spider as a standard (ROTEX® standard spider available, if requested).

ROTEX® Cast iron (GJL)																			
Size	Component	92 ShA	98 ShA	64 ShD	Finish bore D (min. - max.)	L	L1, L2	E	B1	S	DH	DI1	DN	N	G	T	T <sub>A</sub> [Nm]		
38	1	190	325	405	12-40	114	45	24	18	3	80	38	66	37	M8	15	10		
	38-48				78														
	1b				12-48								164					70	62
42	1	265	450	560	14-45	126	50	26	20	3	95	46	75	40	M8	20	10		
	1a				42-55								176					75	94
	1b				14-55								176					75	94
48	1	310	525	655	15-52	140	56	28	21	3.5	105	51	85	45	M8	20	10		
	1a				48-62								188					80	104
	1b				15-62								188					80	104
55	1	410	685	825	20-60	160	65	30	22	4	120	60	98	52	M10	20	17		
	1a				55-74								160					65	118
65	1	625	940	1175	22-70	185	75	35	26	4.5	135	68	115	61	M10	20	17		
75	1	1280	1920	2400	30-80	210	85	40	30	5	160	80	135	69	M10	25	17		
90	1	2400	3600	4500	40-100	245	100	45	34	5.5	200	100	160	81	M12	30	40		

ROTEX® Nodular iron (GJS)																	
Size	Component	92 ShA	98 ShA	64 ShD	Finish bore D (min. - max.)	L	L1, L2	E	B1	S	DH	DI1	DN	N	G	T	T <sub>A</sub> [Nm]
100	1	3300	4950	6185	50-115	270	110	50	38	6	225	113	180	89	M12	30	40
110	1	4800	7200	9000	60-125	295	120	55	42	6.5	255	127	200	96	M16	35	80
125	1	6650	10000	12500	60-145	340	140	60	46	7	290	147	230	112	M16	40	80
140	1	8550	12800	16000	60-160	375	155	65	50	7.5	320	165	255	124	M20	45	140
160	1	12800	19200	24000	80-185	425	175	75	57	9	370	190	290	140	M20	50	140
180	1	18650	28000	35000	85-200	475	195	85	64	10.5	420	220	325	156	M20	50	140

■ = Unless any material is specified in the order, it is defined with the calculation/order.

<sup>1)</sup> Maximum torque of the coupling T<sub>K max</sub> = rated torque of the coupling T<sub>KN</sub> x 2. For selection see page 14 et seqq.

Ordering example:	ROTEX® 38	GJL	92 ShA	1a	Ø45	1	Ø25
	Coupling size	Material	Spider hardness	Component	Finish bore	Component	Finish bore