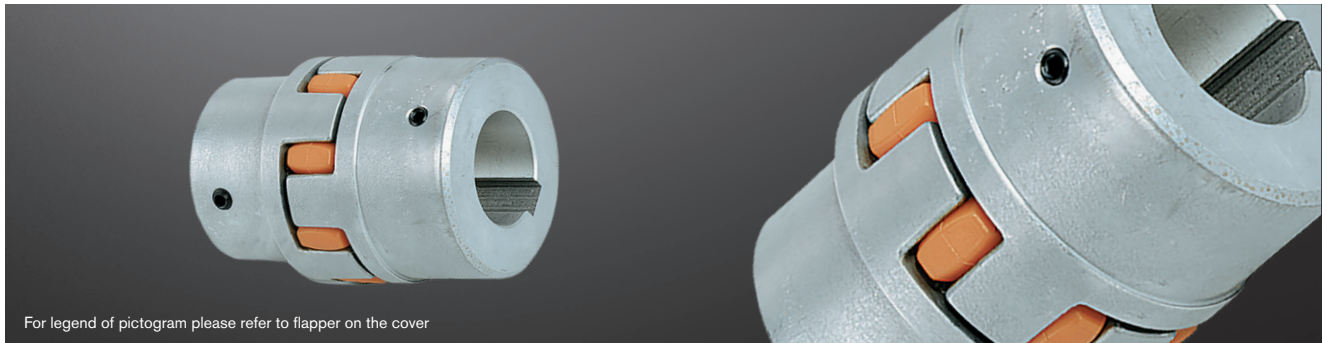
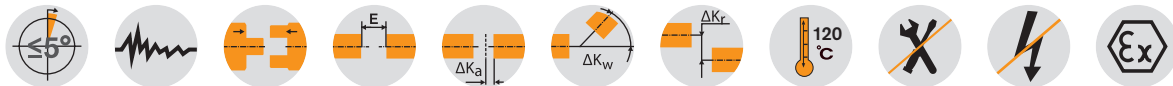


ROTEX® Standard Flexible jaw couplings

Materials: aluminium + cast + sinter material



For legend of pictogram please refer to flapper on the cover



ROTEX® Sintered steel (Sint)																	
Size	Component	Spider ¹⁾ (component 2) Rated torque [Nm]			Finish bore D (min. - max.)	Dimensions [mm]										Setscrew	
		92 ShA	98 ShA	64 ShD		General										G	T _A [Nm]
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	—	0-24	66	25	16	12	2.0	40	18	40	—	M5	10	2
24	1a	35	60	—	0-28	78	30	18	14	2.0	56	27	56	—	M5	10	2

ROTEX® Aluminium diecast (Al-D)																	
19	1 1a	10	17	—	6-19 19-24	66	25	16	12	2	41	18	32 41	20	M5	10	2
24	1 1a	35	60	—	9-24 22-28	78	30	18	14	2	56	27	40 56	24	M5	10	2
28	1 1a	95	160	—	10-28 28-38	90	35	20	15	2.5	66	30	48 66	28	M8	15	10

ROTEX® Aluminium (Al-H)																	
5	1a	0.5	0.9	—	0-6	15	5	5	4	0.5	10	—	—	—	M2	2.5	—
7	1a	1.2	2.0	2.4	0-7	22	7	8	6	1.0	14	—	—	—	M3	3.5	—
9	1a	3.0	5.0	6.0	0-11	30	10	10	8	1.0	20	7.2	—	—	M4	5	1.5
12	1a	5.0	9.0	12	0-12	34	11	12	10	1.0	25	8.5	—	—	M4	5	1.5
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	3.0	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)																	
38	1 1a 1b	190	325	405	12-40 38-48	114	45	24	18	3	80	38	66 78	37 62	M8	15	10
42	1 1a 1b	265	450	560	14-45 42-55 14-55	126	50	26	20	3	95	46	75 94	40 65	M8	20	10
48	1 1a 1b	310	525	655	15-52 48-62 15-62	140	56	28	21	3.5	105	51	85 104	45 69	M8	20	10
55	1 1a	410	685	825	20-60 55-74	160	65	30	22	4	120	60	98 118	52	M10	20	17
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

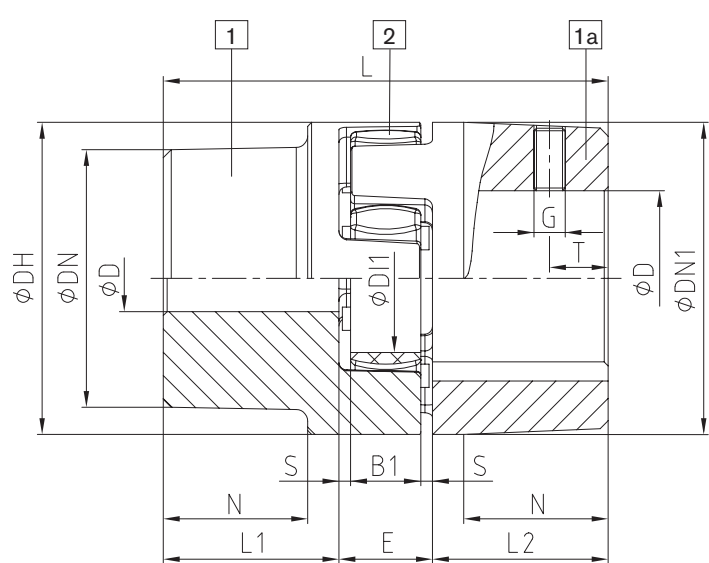
ROTEX® Nodular iron (GJS)																	
100	1	3300	4950	6185	50-115	270	110	50	38	6	225	113	180	89	M12	30	40
110	1	4800	7200	9000	60-125	295	120	55	42	6.5	255	127	200	96	M16	35	80
125	1	6650	10000	12500	60-145	340	140	60	46	7	290	147	230	112	M16	40	80
140	1	8550	12800	16000	60-160	375	155	65	50	7.5	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.

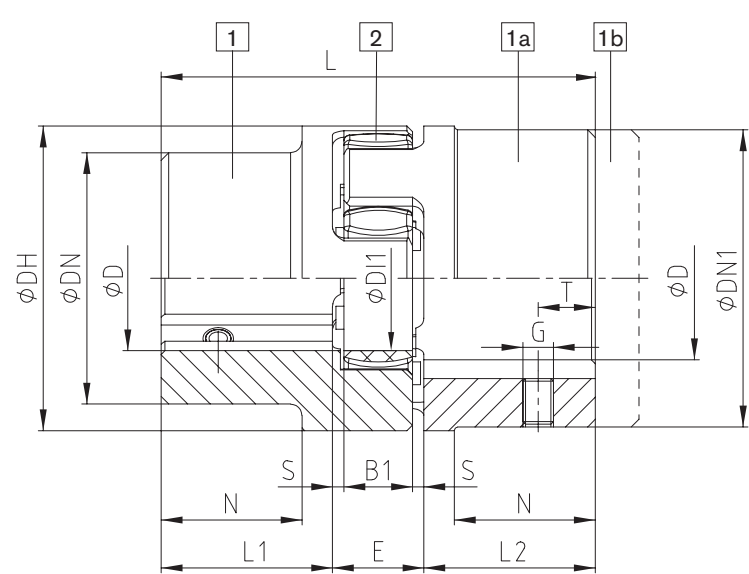
¹⁾ Maximum torque of the coupling $T_{K \max}$ = rated torque of the coupling $T_{KN} \times 2$. For selection please see page 14 et seqq.

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

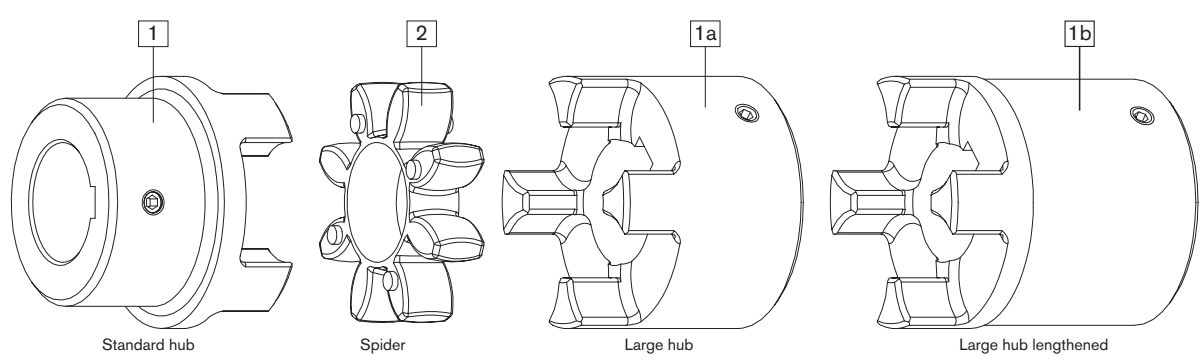
Components



AI-D (thread opposite the keyway)



GJL / GJS (thread on the keyway)

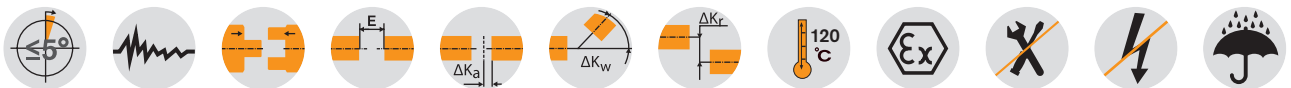


ROTEX® Standard Flexible jaw couplings

Material steel/stainless steel



For legend of pictogram please refer to flapper on the cover



ROTEX® Steel (St)

Size	Component	Spider ¹⁾ (component 2) Rated torque [Nm]			Finish bore D (min. - max.)	Dimensions [mm]											Setscrew		
		92 ShA	98 ShA	64 ShD		General											G	T	T _A [Nm]
						L	L1, L2	E	B1	S	DH	DI1	DN	N					
14	1a	7.5	12.5	16	0-16	35	11	13	10	1.5	30	10	30	—	M4	5	1.5		
	50					18.5													
19	1a	10	17	21	0-25	66	25	16	12	2	40	18	40	—	M5	10	2		
	90					37													
24	1a	35	60	75	0-35	78	30	18	14	2	55	27	55	—	M5	10	2		
	118					50													
28	1a	95	160	200	0-40	90	35	20	15	2.5	65	30	65	—	M8	15	10		
	140					60													
38	1	190	325	405	0-48	114	45	24	18	3	80	38	70	27	M8	15	10		
	1b					164	70						80	—					
42	1	265	450	560	0-55	126	50	26	20	3	95	46	85	28	M8	20	10		
	1b					176	75						95	—					
48	1	310	525	655	0-62	140	56	28	21	3.5	105	51	95	32	M8	20	10		
	1b					188	80						105	—					
55	1	410	685	825	0-75	160	65	30	22	4	120	60	110	37	M10	20	17		
	1b					210	90						120	—					
65	1	625	940	1175	0-80	185	75	35	26	4.5	135	68	115	47	M10	20	17		
	1b					235	100						135	—					
75	1	1280	1920	2400	0-95	210	85	40	30	5	160	80	135	53	M10	25	17		
	1b					260	110						160	—					
90	1	2400	3600	4500	0-110	245	100	45	34	5.5	200	100	160	62	M12	30	40		
	1b					295	125						200	—					
100	1	3300	4950	6185	0-115	270	110	50	38	6	225	113	180	89	M12	30	40		
110	1	4800	7200	9000	0-125	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.

¹⁾ Maximum torque of the coupling T_{K max} = rated torque of the coupling T_{KN} x 2. For selection please see page 14 et seqq.

ROTEX® Stainless steel

Size	Material	Spider (component 2) Rated torque [Nm]			Finish bore D (min. - max.)	Dimensions [mm]												
						General										Setscrew		
		92 ShA	98 ShA	64 ShD		L	L1, L2	E	B1	S	DH	DI1	DN	N	G	T	T _A [Nm]	
19	1.4305	10	17	21	0-25	66	25	16	12	2	40	18	40	-	M5	10	2	
24	1.4305	35	60	75	0-35	78	30	18	14	2	55	27	55	-	M5	10	2	
28	1.4305	95	160	200	0-40	90	35	20	15	2.5	65	30	65	-	M8	15	10	
38	1.4305	190	325	405	0-48	114	45	24	18	3	80	38	70	27	M8	15	10	
42	1.4305	265	450	560	0-55	126	50	26	20	3	95	46	85	28	M8	20	10	
48	1.4305	310	525	655	0-62	140	56	28	21	3.5	105	51	95	32	M8	20	10	

Material 1.4571 on request.

Ordering
example:

ROTEX® 38	1.4305	92 ShA	1 - Ø45	1 - Ø25
Coupling size	Material	Spider hardness	Component Finish bore	Component Finish bore