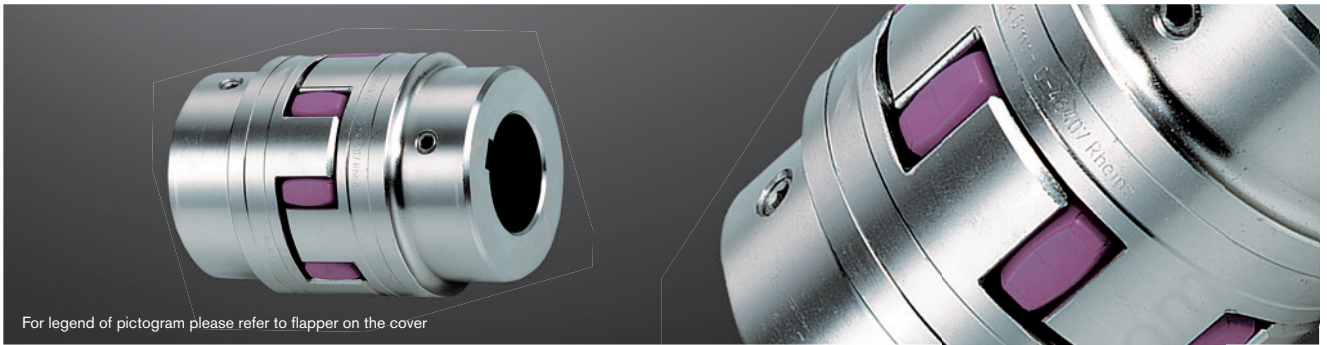


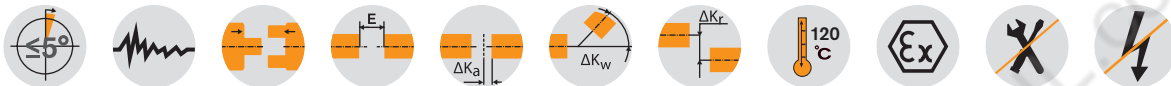
ROTEX® Standard Flexible jaw couplings



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	l _{1, l2}	E	b	s	D _H	d _H	D	N					
14	1a	7.5	12.5	16	0-16	35	11	13	10	1.5	30	10	30	—	M4	5	1.5		
	1b					50	18.5												
19	1a	10	17	21	0-25	66	25	16	12	2	40	18	40	—	M5	10	2		
	1b					90	37												
24	1a	35	60	75	0-35	78	30	18	14	2	55	27	55	—	M5	10	2		
	1b					118	50												
28	1a	95	160	200	0-40	90	35	20	15	2.5	65	30	65	—	M8	15	10		
	1b					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_{K rated} x 2. For selection see page 14 et seqq.

ROTEX® Stainless steel

Size	Material	Spider (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	l _{1, l2}	E	b	s	D _H	d _H	D	N					
19	1.4305	10	17	21	0-25	66	25	16	12	2	40	18	40	-	M5	10	2		
24	1.4571	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	1.4571	190	325	405	0-48	114	45	24	18	3	80	38	80	27	M8	15	10		
42	1.4305	265	450	560	0-55	126	50	26	20	3	95	46	95	28	M8	20	10		
48	1.4571	310	525	655	0-62	140	56	28	21	3.5	105	51	105	32	M8	20	10		

Ordering example:

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

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