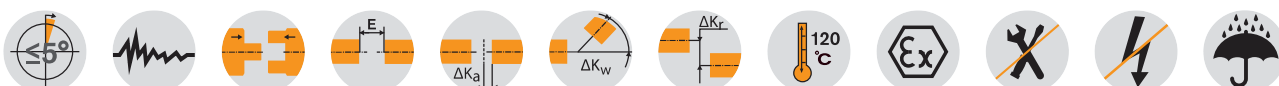


ROTEX® Standard Flexible jaw couplings

Material steel/stainless steel



For legend of pictogram 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												
						DH	L	L1, L2	E	S	B1	DI1	DN	N	G	T	TA [Nm]	
14	1a	7.5	12.5	16	0-16	30	35	11	13	1.5	10	10	30	—	M 4	5	1.5	
	50						18.5											
19	1a	10	17	21	0-25	40	66	25	16	2	12	18	40	—	M 5	10	2	
	90						37											
24	1a	35	60	75	0-35	55	78	30	18	2	14	27	55	—	M 5	10	2	
	118						50											
28	1a	95	160	200	0-40	65	90	35	20	2.5	15	30	65	—	M 8	15	10	
	140						60											
38	1	190	325	405	0-48	80	114	45	24	3	18	38	70	27	M 8	15	10	
	164						70	80					—					
42	1	265	450	560	0-55	95	126	50	26	3	20	46	85	28	M 8	20	10	
	176						75	95					—					
48	1	310	525	655	0-62	105	140	56	28	3.5	21	51	95	32	M 8	20	10	
	188						80	105					—					
55	1	410	685	825	0-75	120	160	65	30	4	22	60	110	37	M 10	20	17	
	210						90	120					—					
65	1	625	940	1175	0-80	135	185	75	35	4.5	26	68	115	47	M 10	20	17	
	235						100	135					—					
75	1	1280	1920	2400	0-95	160	210	85	40	5	30	80	135	53	M 10	25	17	
	260						110	160					—					
90	1	2400	3600	4500	0-110	200	245	100	45	5.5	34	100	160	62	M 12	30	40	
	295						125	200					—					
100	1	3300	4950	6185	0-115	225	270	110	50	6	38	113	180	89	M 12	30	40	
110	1	4800	7200	9000	0-130	255	295	120	55	6.5	42	127	200	96	M 16	35	80	
125	1	6650	10000	12500	60-145	290	340	140	60	7	46	147	230	112	M 16	40	80	
140	1	8550	12800	16000	60-160	320	375	155	65	7.5	50	165	255	124	M 20	45	140	
160	1	12800	19200	24000	80-185	370	425	175	75	9	57	190	290	140	M 20	50	140	
180	1	18650	28000	35000	85-200	420	475	195	85	10.5	64	220	325	156	M 20	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 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		DH	L	L1, L2	E	S	B1	DI1	DN	N	G	T	T _A [Nm]
19	1.4305	10	17	21	0-25	40	66	25	16	2	12	18	40	-	M 5	10	2
24	1.4305	35	60	75	0-35	55	78	30	18	2	14	27	55	-	M 5	10	2
28	1.4305	95	160	200	0-40	65	90	35	20	2.5	15	30	65	-	M 8	15	10
38	1.4305	190	325	405	0-48	80	114	45	24	3	18	38	70	27	M 8	15	10
42	1.4305	265	450	560	0-55	95	126	50	26	3	20	46	85	28	M 8	20	10
48	1.4305	310	525	655	0-62	105	140	56	28	3.5	21	51	95	32	M 8	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