

# Clamping Elements Type RCK 11 and 12



## Dimensions

Part No. †	Dimensions mm						Torque Cap. M Nm	Axial Force F kN	Surface Pressure		Clamping Screws		Extraction Screws Size	Approx Weight kg	Min. Hub Dia* mm			
	d	D	L	L <sub>1</sub>	L <sub>2</sub>	X			Shaft Ps N/mm <sup>2</sup>	Hub Ph N/mm <sup>2</sup>	Size	Torque Nm			Size	Assy Type A	Assy Type B	Assy Type C
RCK 11-25x55	25	55	46	32	40	35	784	63	291	99	M6	17	M6	0.47	76	71	66	
RCK 11-28x55	28	55	46	32	40	35	882	63	259	99	M6	17	M6	0.43	76	71	66	
RCK 11-30x55	30	55	46	32	40	35	931	62	243	99	M6	17	M6	0.41	76	71	66	
RCK 11-35x60	35	60	60	44	54	45	1274	73	161	85	M6	17	M6	0.62	79	74	70	
RCK 11-38x75	38	75	62	44	54	50	2696	142	289	113	M8	41	M8	1.1	108	100	93	
RCK 11-40x75	40	75	62	44	54	50	2843	142	276	113	M8	41	M8	1.1	108	100	93	
RCK 11-42x75	42	75	62	44	54	50	2981	142	262	113	M8	41	M8	1.0	108	100	93	
RCK 11-45x75	45	75	62	44	54	50	3196	142	246	113	M8	41	M8	1.0	108	100	93	
RCK 11-48x80	48	80	62	44	54	50	3873	161	203	96	M8	41	M8	1.1	109	102	96	
RCK 11-50x80	50	80	72	56	64	50	4069	163	196	96	M8	41	M8	1.2	109	102	96	
RCK 11-55x85	55	85	72	56	64	50	5050	184	201	101	M8	41	M8	1.3	118	110	103	
RCK 11-60x90	60	90	72	56	64	50	6080	203	198	103	M8	41	M8	1.4	126	117	109	
RCK 11-65x95	65	95	72	56	64	50	6619	204	183	98	M8	41	M8	1.5	130	122	114	
RCK 11-70x110	70	110	88	70	78	60	11277	322	218	111	M10	83	M10	2.8	158	146	136	
RCK 11-75x115	75	115	88	70	78	60	12062	322	218	111	M10	83	M10	3.0	165	153	142	
RCK 11-80x120	80	120	88	70	78	60	14219	355	210	112	M10	83	M10	3.2	173	160	149	
RCK 11-85x125	85	125	88	70	78	60	15102	355	210	112	M10	83	M10	3.3	180	167	155	
RCK 11-90x130	90	130	88	70	78	60	17455	388	203	112	M10	83	M10	3.5	187	173	161	
RCK 11-95x135	95	135	88	70	78	60	18338	386	203	112	M10	83	M10	3.7	195	180	167	
RCK 11-100x145	100	145	112	90	100	80	25791	516	196	104	M12	145	M12	5.6	203	189	177	
RCK 11-110x155	110	155	112	90	100	80	31184	567	194	107	M12	145	M12	6.1	219	204	190	
RCK 11-120x165	120	165	112	90	100	80	39618	660	207	117	M12	145	M12	6.6	242	223	206	
RCK 11-130x180	130	180	130	104	116	90	50503	777	188	109	M14	230	M14	9.3	257	238	221	
RCK 11-140x190	140	190	130	104	116	90	63470	907	204	121	M14	230	M14	9.9	283	260	239	
RCK 11-150x200	150	200	130	104	116	90	72790	971	204	124	M14	230	M14	10.6	301	276	253	
RCK 11-160x210	160	210	130	104	116	90	82890	1036	204	125	M14	230	M14	11.2	317	290	267	
RCK 11-170x225	170	225	164	134	148	110	106000	1247	178	110	M16	355	M16	16.8	322	298	277	
RCK 11-180x235	180	235	164	134	148	110	120900	1343	180	112	M16	355	M16	17.7	339	313	291	
RCK 11-190x250	190	250	164	134	148	110	131250	1382	182	113	M16	355	M16	20.6	362	334	310	
RCK 11-200x260	200	260	164	134	148	110	143200	1432	173	110	M16	355	M16	21.6	372	345	321	
RCK 11-220x285	220	285	164	134	148	110	177500	1614	184	112	M16	355	M16	25.8	411	380	353	
RCK 11-240x305	240	305	164	134	148	110	210000	1750	175	110	M16	355	M16	27.9	436	404	376	
RCK 11-260x325	260	325	164	134	148	110	228000	1754	172	110	M16	355	M16	30.1	465	431	401	
RCK 11-280x355	280	355	197	165	177	130	310000	2214	166	105	M20	690	M20	45.3	499	464	433	
RCK 11-300x375	300	375	197	165	177	130	375000	2500	172	110	M20	690	M20	48.3	537	497	462	
RCK 11-320x405	320	405	197	165	177	130	420000	2625	166	105	M20	690	M20	59.0	569	530	494	
RCK 11-340x425	340	425	197	165	177	130	465000	2735	163	104	M20	690	M20	62.4	595	555	518	
RCK 11-360x455	360	455	224	190	202	150	588000	3267	158	100	M22	930	M22	85.1	629	587	550	
RCK 11-380x475	380	475	224	190	202	150	650000	3421	158	101	M22	930	M22	89.5	659	615	575	
RCK 11-400x495	400	495	224	190	202	150	720000	3600	162	105	M22	930	M22	93.9	696	648	604	
RCK 11-420x515	420	515	224	190	202	150	750000	3571	155	101	M22	930	M22	98.3	714	667	624	
RCK 11-440x535	440	535	224	190	202	150	790000	3591	146	96	M22	930	M22	103	729	683	642	
RCK 11-460x555	460	555	224	190	202	150	830000	3609	142	94	M22	930	M22	107	751	705	663	
RCK 11-480x575	480	575	224	190	202	150	1000000	4167	159	106	M22	930	M22	112	811	754	703	
RCK 11-500x595	500	595	224	190	202	150	1050000	4200	152	102	M22	930	M22	116	828	772	722	
RCK 11-520x615	520	615	224	190	202	150	1170000	4500	157	106	M22	930	M22	121	868	807	752	
RCK 11-540x635	540	635	224	190	202	150	1200000	4444	151	103	M22	930	M22	125	887	826	772	
RCK 11-560x655	560	655	224	190	202	150	1300000	4643	155	106	M22	930	M22	129	924	859	801	
RCK 11-580x675	580	675	224	190	202	150	1390000	4793	150	103	M22	930	M22	134	942	878	821	
RCK 11-600x695	600	695	224	190	202	150	1480000	4933	149	103	M22	930	M22	138	970	904	845	
RCK 12-320x455	320	455	307	260	280	220	776000	4850	199	112	M27	1750	M27	159	656	607	563	
RCK 12-340x475	340	475	307	260	280	220	920000	5412	209	120	M27	1750	M27	168	704	647	597	
RCK 12-360x495	360	495	307	260	280	220	1070000	5944	217	126	M27	1750	M27	177	751	686	630	
RCK 12-380x515	380	515	307	260	280	220	1130000	5947	206	121	M27	1750	M27	185	768	704	649	
RCK 12-400x535	400	535	307	260	280	220	1190000	5950	195	117	M27	1750	M27	194	784	723	668	
RCK 12-420x555	420	555	307	260	280	220	1360000	6476	202	123	M27	1750	M27	203	831	762	701	
RCK 12-440x575	440	575	307	260	280	220	1430000	6500	194	119	M27	1750	M27	212	849	781	721	
RCK 12-460x595	460	595	307	260	280	220	1490000	6478	185	114	M27	1750	M27	220	865	798	740	
RCK 12-480x615	480	615	307	260	280	220	1820000	7583	207	130	M27	1750	M27	229	945	861	788	
RCK 12-500x635	500	635	307	260	280	220	1890000	7560	199	125	M27	1750	M27	238	959	878	806	
RCK 12-520x655	520	655	307	260	280	220	1970000	7577	191	122	M27	1750	M27	247	977	896	826	
RCK 12-540x675	540	675	307	260	280	220	2190000	8111	197	126	M27	1750	M27	255	1024	936	859	
RCK 12-560x695	560	695	307	260	280	220	2270000	8107	190	123	M27	1750	M27	264	1040	954	878	

\*Minimum outside diameter of hubs manufactured in medium carbon steels with yield strength  $\geq 320$  N/mm<sup>2</sup>.  
For hub types, and other materials, refer to page 3.  
For assembly and disassembly instructions refer to page 24.

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