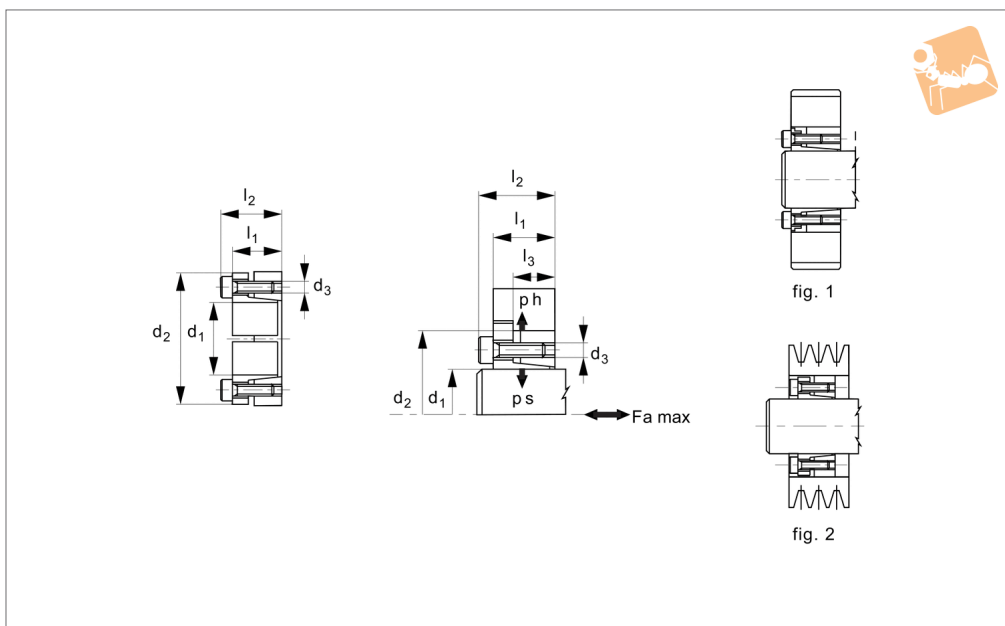




Keyless Locking Devices

self centring, high torque

Rigid Couplings



R3230

RIGID COUPLINGS

Material

Steel.

Technical Notes

Economical, quick installation, compact size.

Tolerances: Inner diameter h8, outer diameter H8.

Surface Roughness: Rt max. 16µm, Ra 3µm

Tips

Do not use any oil with molybdenum bisulphide, high pressure additives, or grease as these reduce the coefficient of

friction.

Max Torque (Mt) and Axial Thrust (Fa) values are only valid if standard oils are used.

Important Notes

Assembly:

Carefully clean the hub and shaft contact surfaces and apply a film of lightweight oil. Slide the locking assembly into the hub bore, insert the shaft and tighten gradually in cross sequence to indicated torque.

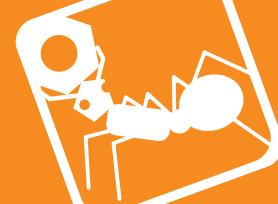
When tightening the mounting screws the hub has slight axial movement with respect to the shaft.

Dismantling:

Gradually loosen the cap screws. Remove and re-insert the correct number of screws into the jacking holes and tighten gradually and regularly in crossed sequence until the back cone is released.

If the element is to be re-used then re-lubricate screws and threads.

Order No.	d ₁ tol. h8	l ₁	d ₂ tol. H8	l ₂	No. of screws	d ₃	Torque to Nm	M _t torque Nm max.	F _a kN max.	P _h N/mm ² max.	P _s N/mm ² max.	Weight kg
R3230.019	19	28	47	34	5	M 6x20	14	355	31	120	280	0.250
R3230.020	20	28	47	34	5	M 6x20	14	360	33	120	280	0.250
R3230.022	22	28	47	34	5	M 6x20	14	400	33	123	268	0.250
R3230.024	24	28	50	34	6	M 6x20	14	440	36	120	243	0.276
R3230.025	25	28	50	34	6	M 6x20	14	560	36	138	280	0.268
R3230.028	28	28	55	34	6	M 6x20	14	625	36	128	250	0.322
R3230.030	30	28	55	34	6	M 6x20	14	650	36	128	235	0.304
R3230.032	32	28	60	34	8	M 6x20	14	950	50	150	290	0.370
R3230.035	35	28	60	34	8	M 6x20	14	1050	50	150	268	0.344
R3230.038	38	28	65	34	8	M 6x20	14	1140	50	146	252	0.408
R3230.040	40	28	65	34	8	M 6x20	14	1200	50	146	232	0.378
R3230.042	42	33	75	41	7	M 8x25	35	2034	70	168	305	0.630
R3230.045	45	33	75	41	7	M 8x25	35	2180	70	168	285	0.610
R3230.048	48	33	80	41	8	M 8x25	35	1800	75	140	330	0.680
R3230.050	50	33	80	41	7	M 8x25	35	2430	85	158	258	0.690
R3230.055	55	33	85	41	8	M 8x25	35	3050	85	173	268	0.720
R3230.060	60	33	90	41	8	M 8x25	35	3350	85	163	243	0.794
R3230.065	65	33	95	41	9	M 8x25	35	4080	85	173	253	0.842
R3230.070	70	40	110	50	8	M10x30	70	6280	119	178	278	1.534
R3230.075	75	40	115	50	8	M10x30	70	6680	119	168	258	1.634
R3230.080	80	40	120	50	8	M10x30	70	7130	119	168	248	1.722
R3230.085	85	40	125	50	9	M10x30	70	8750	132	178	258	1.834
R3230.090	90	40	130	50	9	M10x30	70	9080	132	168	248	1.900



Order No.	d ₁ tol. h8	l ₁	d ₂ tol. H8	l ₂	No. of screws	d ₃	Torque to Nm	M _t torque Nm max.	F _a kN max.	P _n N/mm ² max.	P _s N/mm ² max.	Weight kg
R3230.095	95	40	135	50	10	M10x30	70	10580	132	178	258	1.980
R3230.100	100	44	145	56	8	M12x35	125	13380	170	188	268	2.618
R3230.110	110	44	155	56	8	M12x35	125	14580	170	178	238	2.788
R3230.120	120	44	165	56	9	M12x35	125	17880	200	178	248	3.600
R3230.130	130	52	180	64	12	M14x40	190	25950	270	168	238	4.410
R3230.140	140	54	190	68	9	M14x40	190	26950	270	148	208	4.920
R3230.150	150	54	200	68	10	M14x40	190	32950	320	168	228	5.200
R3230.160	160	54	210	68	11	M14x41	190	37950	470	168	230	5.601
R3230.170	170	64	255	78	12	M14x42	190	44950	528	130	180	7.701
R3230.180	180	64	235	78	12	M14x43	190	46950	528	130	170	8.501
R3230.190	190	64	250	78	15	M14x40	190	50100	520	130	170	9.501
R3230.200	200	64	260	78	15	M14x40	190	52700	530	130	160	9.601