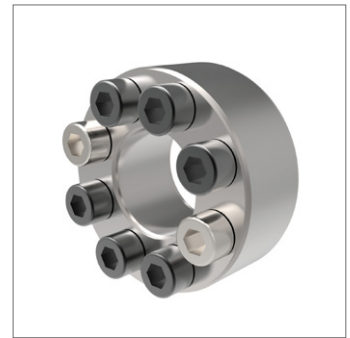
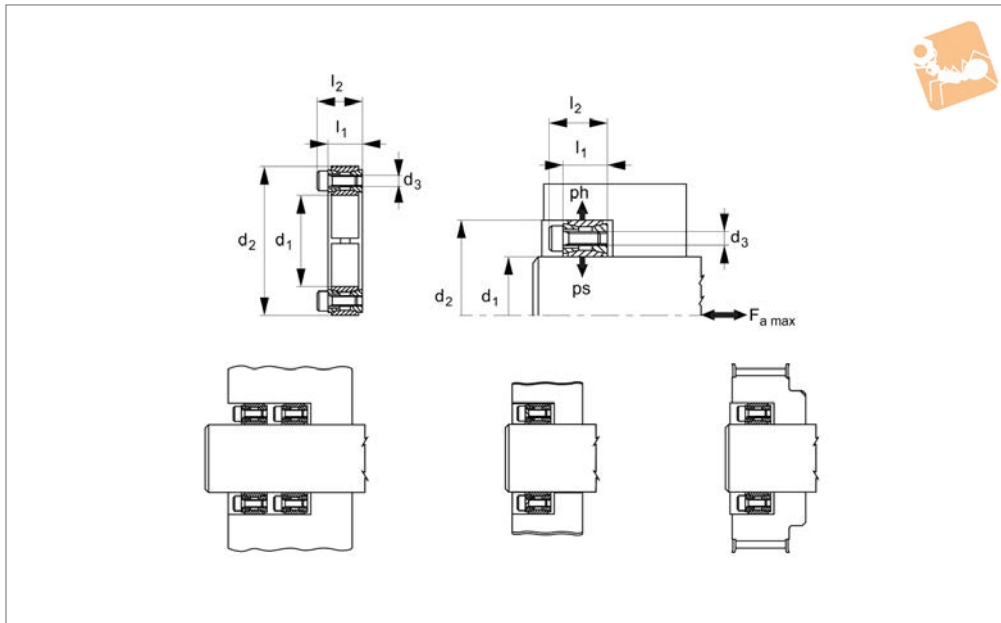




Keyless Locking Devices

medium/high torque

Rigid Couplings



R3232

RIGID COUPLINGS

Material

Steel.

Technical Notes

Economical, quick installation, compact size.

Tolerances: Inner diameter k11, h11, outer diameter N11, H11.

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

Tips

Do not use any oil with molybdenum bisulfide, 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.

Tighten the plated clamping screws until the inner ring grips the shaft and the outer

ring grips the hub bore.

Then tighten gradually and regularly in cross sequence to indicated torque.

When tightening the mounting screws the hub has NO axial movement with respect to the shaft.

Dismantling:

Loosening the cap screws normally releases the unit.

In case of difficulties slightly hammer the released screws to push back the rear pressure cone.

Order No.	d ₁ tol. K11, h11	l ₁	d ₂ tol. N11, H11	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
R3232.019	19	20	47	26	8	M 6x18	16	260	27	93	220	0.212
R3232.020	20	20	47	26	8	M 6x18	16	268	27	93	210	0.210
R3232.022	22	20	47	26	8	M 6x18	16	283	27	96	207	0.200
R3232.024	24	20	50	26	9	M 6x18	16	361	30	103	206	0.222
R3232.025	25	20	50	26	9	M 6x18	16	376	30	103	206	0.220
R3232.028	28	20	55	26	10	M 6x18	16	420	34	103	204	0.266
R3232.030	30	20	55	26	10	M 6x18	16	450	34	103	190	0.254
R3232.032	32	20	60	26	12	M 6x18	16	643	40	114	214	0.302
R3232.035	35	20	60	26	12	M 6x18	16	703	40	114	196	0.282
R3232.038	38	20	65	26	14	M 6x18	16	891	47	122	204	0.328
R3232.040	40	20	65	26	14	M 6x18	16	938	47	122	200	0.318
R3232.042	42	24	75	32	12	M 8x22	38	1537	73	125	228	0.560
R3232.045	45	24	75	32	12	M 8x22	38	1647	73	125	208	0.528
R3232.048	48	24	80	32	12	M 8x22	38	1756	73	110	190	0.590
R3232.050	50	24	80	32	12	M 8x22	38	1830	73	115	189	0.560
R3232.055	55	24	85	32	14	M 8x22	38	2348	85	130	200	0.622
R3232.060	60	24	90	32	14	M 8x22	38	2560	85	122	180	0.660
R3232.065	65	24	95	32	16	M 8x22	38	3170	98	130	191	0.798
R3232.070	70	28	110	38	14	M10x25	75	4700	134	132	211	1.238
R3232.075	75	28	115	38	14	M10x25	75	5000	134	128	194	1.294
R3232.080	80	28	120	38	14	M10x25	75	5300	134	124	182	1.364
R3232.085	85	28	125	38	16	M10x25	75	6500	154	133	196	1.428
R3232.090	90	28	130	38	16	M10x25	75	6900	154	128	181	1.482



Order No.	d ₁ tol. K11, h11	l ₁	d ₂ tol. N11, H11	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
R3232.095	95	28	135	38	18	M10x25	75	8200	173	139	196	1.568
R3232.100	100	33	145	45	14	M12x30	130	9870	197	139	198	2.154
R3232.110	110	33	155	45	14	M12x30	130	10800	187	128	181	2.306
R3232.120	120	33	165	45	16	M12x30	130	13500	226	139	187	2.486
R3232.130	130	38	180	50	20	M12x35	130	18300	282	119	168	3.586
R3232.140	140	38	190	50	22	M12x35	130	21700	310	128	168	3.810
R3232.150	150	38	200	50	24	M12x35	130	25300	338	128	170	4.084
R3232.160	160	38	210	50	26	M12x35	130	29300	367	132	171	4.360
R3232.170	170	44	225	58	22	M14x40	207	33000	389	123	162	5.700
R3232.180	180	44	235	58	24	M14x40	207	38000	424	128	168	6.000
R3232.190	190	52	250	66	28	M14x45	207	47000	495	114	154	8.000
R3232.200	200	52	260	66	30	M14x45	207	53000	531	118	157	8.200
R3232.220	220	56	285	72	26	M16x50	300	91000	920	150	195	11.000
R3232.240	240	56	305	72	30	M16x50	300	115000	960	160	205	12.300
R3232.260	260	56	325	72	34	M16x50	300	140000	1050	170	210	13.000
R3232.280	280	66	355	84	32	M18x60	400	170000	1200	150	190	19.000
R3232.300	300	66	375	84	36	M18x60	400	210000	1400	160	200	20.200