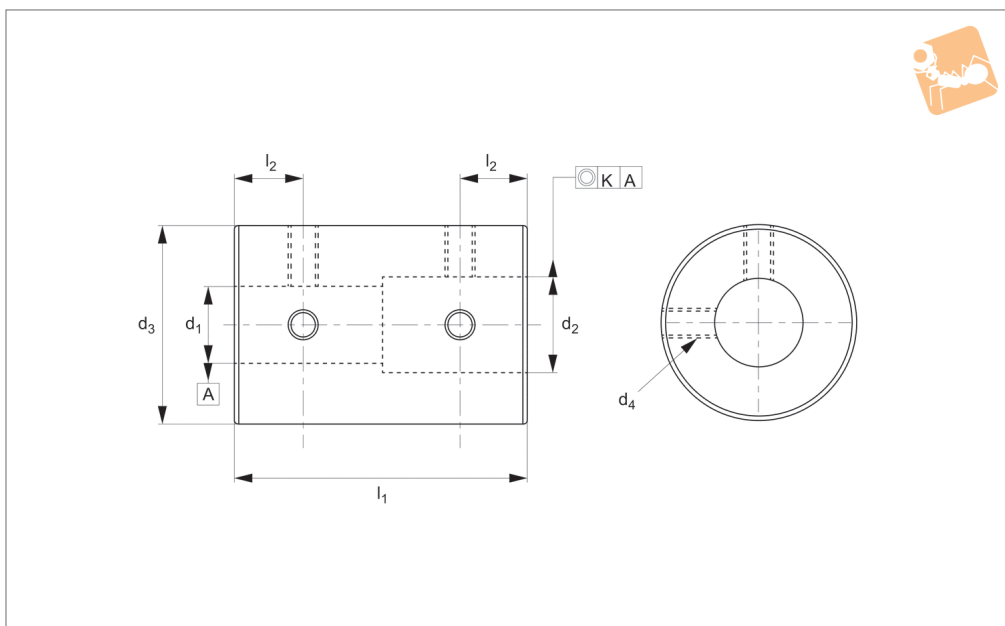




Rigid Shaft Coupling - One Piece

Stainless, set screw

Rigid Couplings



R3209

RIGID COUPLINGS

Material

Stainless steel (A2).

Technical Notes

Maintenance free, excellent anti-oil and corrosion-resistance.
Reciprocating torque is quarter static

torque.

Rotational torque is half static torque.

Important Notes

Concentricity; $K=0,03$ when $\varnothing d_1, \varnothing d_2$ are 3 and 4, otherwise $K=0,05$
For sizes where $d_1 < 4$ and $d_2 > 5$, there are 3

set screws.

For sizes where d_1 and d_2 both smaller than 4, there are 2 set screws.
Different bore sizes available on request.
For keyways, please add „-KW“ suffix when ordering.

Order No.	d_1 tol. H7/H8	d_2 tol. H7/H8	d_3	d_4	l_1	l_2	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g	Weight g
R3209.16-030-030	3	3	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-030-040	3	4	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-030-050	3	5	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-030-060	3	6	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-040-040	4	4	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-040-050	4	5	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-040-060	4	6	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-050-050	5	5	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-050-060	5	6	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.16-060-060	6	6	16	M 3	24	6	0.6	2400 0	$1,2 \times 10^{-6}$	0.7	28	28
R3209.20-050-050	5	5	20	M 3	30	7	1	1900 0	$3,5 \times 10^{-6}$	0.7	54	54
R3209.20-050-060	5	6	20	M 3	30	7	1	1900 0	$3,5 \times 10^{-6}$	0.7	54	54
R3209.20-050-080	5	8	20	M 3	30	7	1	1900 0	$3,5 \times 10^{-6}$	0.7	54	54
R3209.20-050-100	5	10	20	M 3	30	7	1	1900 0	$3,5 \times 10^{-6}$	0.7	54	54
R3209.20-060-060	6	6	20	M 3	30	7	1	1900 0	$3,5 \times 10^{-6}$	0.7	54	54



Order No.	d ₁ tol. H7/H8	d ₂ tol. H7/H8	d ₃	d ₄	l ₁	l ₂	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g	Weight g
R3209.20-060-080	6	8	20	M 3	30	7	1	1900 0	3,5x10 ⁻⁶	0.7	54	54
R3209.20-060-100	6	10	20	M 3	30	7	1	1900 0	3,5x10 ⁻⁶	0.7	54	54
R3209.20-080-080	8	8	20	M 3	30	7	1	1900 0	3,5x10 ⁻⁶	0.7	54	54
R3209.20-080-100	8	10	20	M 3	30	7	1	1900 0	3,5x10 ⁻⁶	0.7	54	54
R3209.20-100-100	10	10	20	M 3	30	7	1	1900 0	3,5x10 ⁻⁶	0.7	54	54
R3209.25-080-080	8	8	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-080-100	8	10	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-080-110	8	11	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-080-120	8	12	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-100-100	10	10	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-100-110	10	11	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-100-120	10	12	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-110-110	11	11	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-110-120	11	12	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.25-120-120	12	12	25	M 4	36	9	2	1500 0	1,0x10 ⁻⁵	1.7	100	100
R3209.32-120-120	12	12	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-120-140	12	14	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-120-150	12	15	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-120-160	12	16	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-140-140	14	14	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-140-150	14	15	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-140-160	14	16	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-150-150	15	15	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-150-160	15	16	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190
R3209.32-160-160	16	16	32	M 4	41	10	4	1200 0	3,1x10 ⁻⁵	1.7	190	190