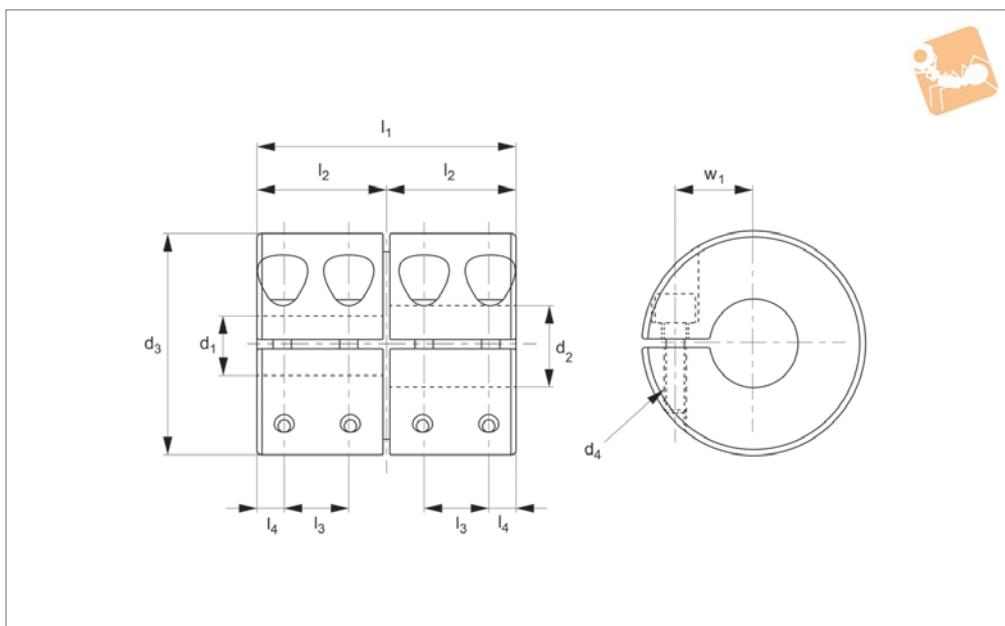




Rigid Shaft Coupling - One Piece

Aluminium, long

Rigid Couplings



R3202

RIGID COUPLINGS

Material

Aluminium alloy, anodized.

Very light with low moment of inertia.

Maintenance free, excellent anti-oil and corrosion resistance.

torque.

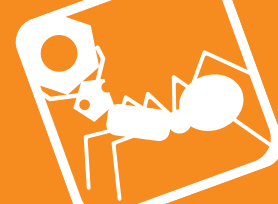
Rotational torque is half static torque.

Technical Notes

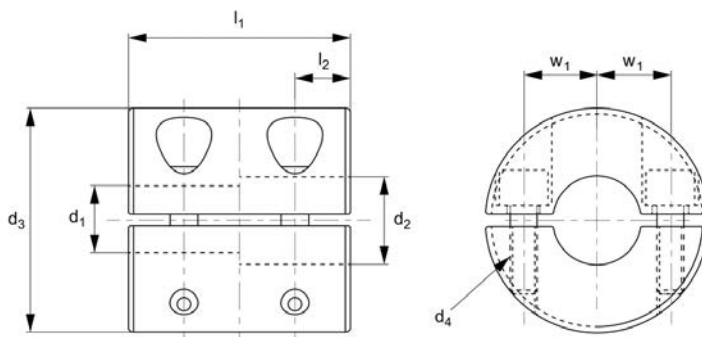
To fit h_7 or h_8 tolerance shafts.

Reciprocating torque is quarter static

Order No.	d_1 tol. H7/H8	d_2 tol. H7/H8	d_3	d_4	l_1	l_2	l_3	w	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g
R3202.16-05-05	5	5	16	M 2	22	2,5	5,5	5	0,6	9000	$3,4 \times 10^{-7}$	0,5	10
R3202.16-05-06	5	6	16	M 2	22	2,5	5,5	5	0,6	9000	$3,4 \times 10^{-7}$	0,5	10
R3202.16-06-06	6	6	16	M 2	22	2,5	5,5	5	0,6	9000	$3,4 \times 10^{-7}$	0,5	10
R3202.20-06-06	6	6	20	M 2	24	2,5	6,0	7	1	7000	$9,2 \times 10^{-7}$	0,5	18
R3202.20-06-08	6	8	20	M 2	24	2,5	6,0	7	1	7000	$9,2 \times 10^{-7}$	0,5	18
R3202.20-08-08	8	8	20	M 2	24	2,5	6,0	7	1	7000	$9,2 \times 10^{-7}$	0,5	18
R3202.25-08-08	8	8	25	M2,5	36	4,5	9,0	9	2	6000	$3,4 \times 10^{-6}$	1,0	38
R3202.25-08-10	8	10	25	M2,5	36	4,5	9,0	9	2	6000	$3,4 \times 10^{-6}$	1,0	38
R3202.25-10-10	10	10	25	M2,5	36	4,5	9,0	9	2	6000	$3,4 \times 10^{-6}$	1,0	38
R3202.32-10-10	10	10	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70
R3202.32-10-12	10	12	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70
R3202.32-10-14	10	14	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70
R3202.32-12-12	12	12	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70
R3202.32-12-14	12	14	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70
R3202.32-14-14	14	14	32	M 3	40	4,0	10,0	11	4	4500	$1,0 \times 10^{-5}$	1,5	70



R3206



Material

Aluminium alloy, Stainless steel screw (A2).

Technical Notes

To fit h_7 or h_8 tolerance shafts.

Very light with low moment of inertia.
Maintenance free, excellent anti-oil and corrosion resistance.
Reciprocating torque is quarter static torque.

Rotational torque is half static torque.

Important Notes

Different bore sizes available on request.
For keyways, please add „-KW“ suffix when ordering.

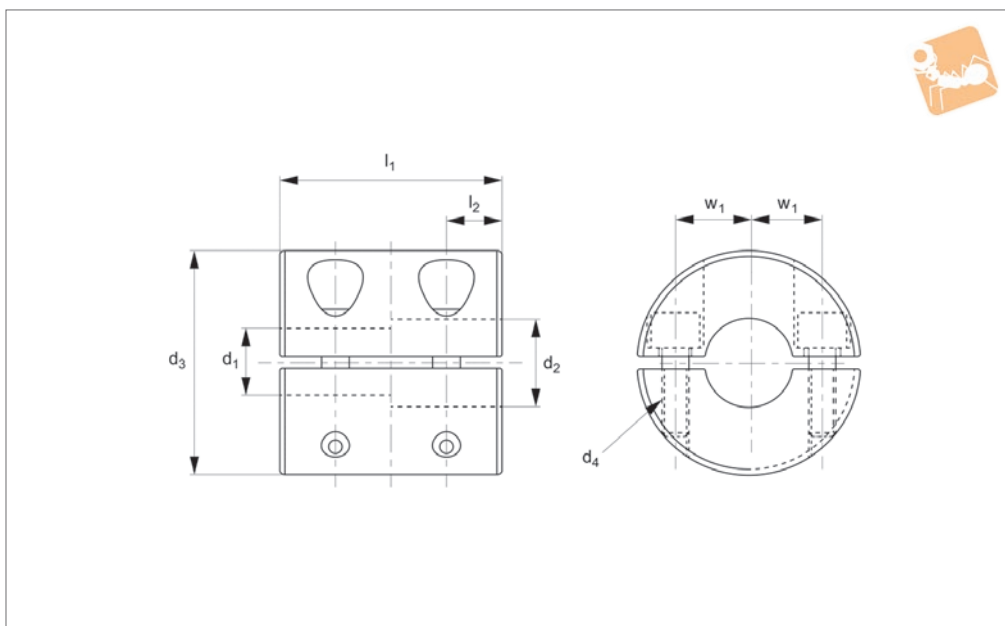
Order No.	d_1 tol. H7/H8	d_2 tol. H7/H8	d_3	d_4	l_1	l_2	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g	Weight g
R3206.16-05-05	5	5	16	M2,5	16	4	0.6	9500	$3,2 \times 10^{-7}$	1.0	9	9
R3206.16-05-06	5	6	16	M2,5	16	4	0.6	9500	$3,2 \times 10^{-7}$	1.0	9	9
R3206.16-06-06	6	6	16	M2,5	16	4	0.6	9500	$3,2 \times 10^{-7}$	1.0	9	9
R3206.20-06-06	6	6	20	M2,5	20	5	1	7600	$8,7 \times 10^{-7}$	1.0	15	15
R3206.20-06-08	6	8	20	M2,5	20	5	1	7600	$8,7 \times 10^{-7}$	1.0	15	15
R3206.20-08-08	8	8	20	M2,5	20	5	1	7600	$8,7 \times 10^{-7}$	1.0	15	15
R3206.25-08-08	8	8	25	M 3	25	6	2	6100	$2,7 \times 10^{-6}$	1.5	29	29
R3206.25-08-10	8	10	25	M 3	25	6	2	6100	$2,7 \times 10^{-6}$	1.5	29	29
R3206.25-10-10	10	10	25	M 3	25	6	2	6100	$2,7 \times 10^{-6}$	1.5	29	29
R3206.32-10-10	10	10	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61
R3206.32-10-12	10	12	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61
R3206.32-10-14	10	14	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61
R3206.32-12-12	12	12	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61
R3206.32-12-14	12	14	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61
R3206.32-14-14	14	14	32	M 4	32	8	4	4800	$9,3 \times 10^{-6}$	2.5	61	61



Rigid Shaft Coupling - Two Piece

Stainless, short

Rigid Couplings



R3207

RIGID COUPLINGS

Material

Stainless steel (A2).

Technical Notes

Light, very low inertial, beam type with minimal allowable offset.

Maintenance free, excellent anti-oil and corrosion resistance.

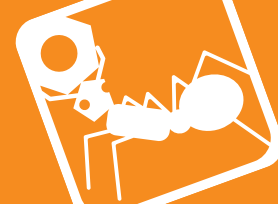
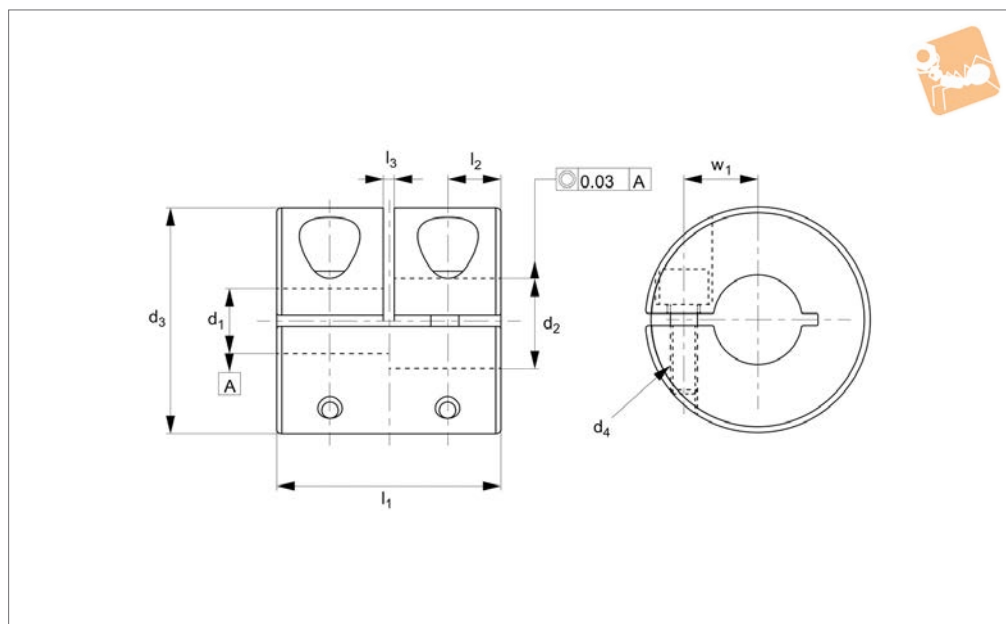
Reciprocating torque is quarter static torque.

Rotational torque is half static torque.

Important Notes

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
R3207.16-05-05	5	5	16	M2,5	16	4	0.6	9500	8,2x10 ⁻⁷	1.0	22	22
R3207.16-05-06	5	6	16	M2,5	16	4	0.6	9500	8,2x10 ⁻⁷	1.0	22	22
R3207.16-06-06	6	6	16	M2,5	16	4	0.6	9500	8,2x10 ⁻⁷	1.0	22	22
R3207.20-06-06	6	6	20	M2,5	20	5	1	7600	2,4x10 ⁻⁶	1.0	41	41
R3207.20-06-08	6	-	20	M2,5	20	5	1	7600	2,4x10 ⁻⁶	1.0	41	41
R3207.20-08-08	8	8	20	M2,5	20	5	1	7600	2,4x10 ⁻⁶	1.0	41	41
R3207.25-08-08	8	8	25	M 3	25	6	2	6100	7,3x10 ⁻⁶	1.5	80	80
R3207.25-08-10	8	10	25	M 3	25	6	2	6100	7,3x10 ⁻⁶	1.5	80	80
R3207.25-10-10	10	10	25	M 3	25	6	2	6100	7,3x10 ⁻⁶	1.5	80	80
R3207.32-10-10	10	10	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160
R3207.32-10-12	10	12	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160
R3207.32-10-14	10	14	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160
R3207.32-12-12	12	12	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160
R3207.32-12-14	12	14	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160
R3207.32-14-14	14	14	32	M 4	32	8	4	4800	2,5x10 ⁻⁵	2.5	160	160

**R3201****Material**

Aluminium alloy, anodised

Technical Notes

Light weight, maintenance free and corro-

sion resistant.

Reciprocating torque is quarter static torque.

Rotational torque is half static torque.

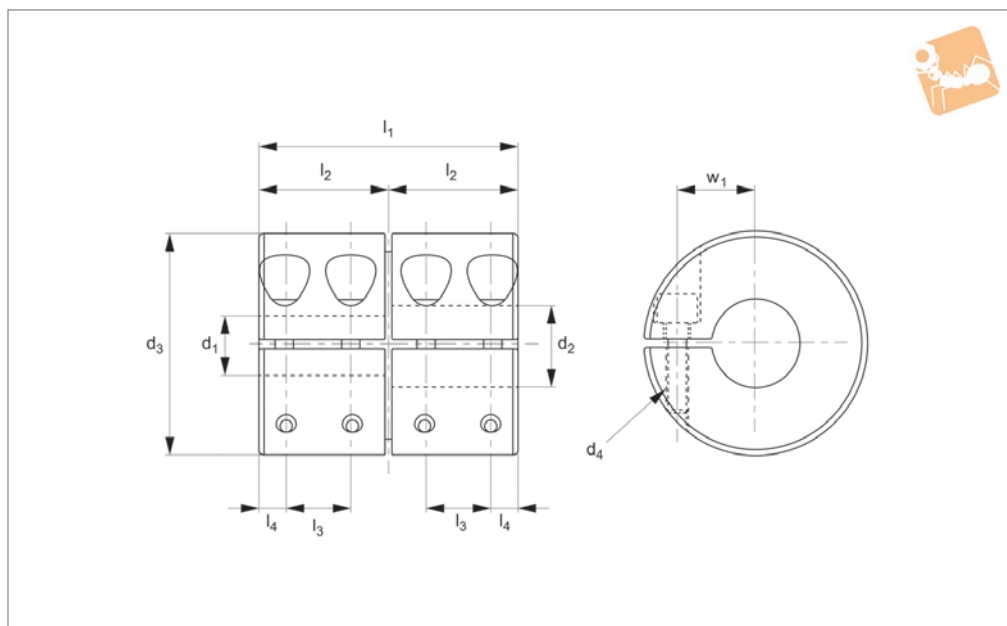
Order No.	d ₁ tol. H7/H8	d ₂ tol. H7/H8	d ₃	d ₄	l ₁	l ₂	l ₃	w	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g
R3201.16-05-05	5	5	16	M 2,5	16	3,75	1,0	5,0	0,6	9500	3,0x10 ⁻⁷	1,0	9
R3201.16-05-06	5	6	16	M 2,5	16	3,75	1,0	5,0	0,6	9500	3,0x10 ⁻⁷	1,0	9
R3201.16-06-06	6	6	16	M 2,5	16	3,75	1,0	5,0	0,6	9500	3,0x10 ⁻⁷	1,0	9
R3201.20-06-06	6	6	20	M 2,5	20	4,75	1,0	6,5	1	7600	8,7x10 ⁻⁷	1,0	15
R3201.20-06-08	6	8	20	M 2,5	20	4,75	1,0	6,5	1	7600	8,7x10 ⁻⁷	1,0	15
R3201.20-08-08	8	8	20	M 2,5	20	4,75	1,0	6,5	1	7600	8,7x10 ⁻⁷	1,0	15
R3201.25-08-08	8	8	25	M 3	25	6,0	1,0	9,0	2	6100	2,7x10 ⁻⁶	1,5	29
R3201.25-08-10	8	10	25	M 3	25	6,0	1,0	9,0	2	6100	2,7x10 ⁻⁶	1,5	29
R3201.25-10-10	10	10	25	M 3	25	6,0	1,0	9,0	2	6100	2,7x10 ⁻⁶	1,5	29
R3201.32-10-10	10	10	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.32-10-12	10	12	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.32-10-14	10	14	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.32-12-12	12	12	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.32-12-14	12	14	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.32-14-14	14	14	32	M 4	32	7,75	1,0	11,0	4	4800	7,1x10 ⁻⁶	2,5	61
R3201.40-14-14	14	14	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-14-15	14	15	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-14-16	14	16	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-14-18	14	18	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-15-15	15	15	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-15-16	15	16	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-15-18	15	18	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-16-16	16	16	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-16-18	16	18	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120
R3201.40-18-18	18	18	40	M 5	44	10,5	1,5	13,0	8	4000	1,5x10 ⁻⁵	7,0	120



Rigid Shaft Coupling - One Piece

Stainless, clamping, long

Rigid Couplings



R3203

RIGID COUPLINGS

Material

Stainless steel (A2).

Technical Notes

Beam type with minimal allowable offset.
Maintenance free, excellent anti-oil and

corrosion resistance.

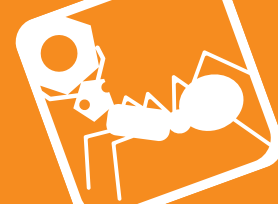
Reciprocating torque is quarter static torque.

Rotational torque is half static torque.

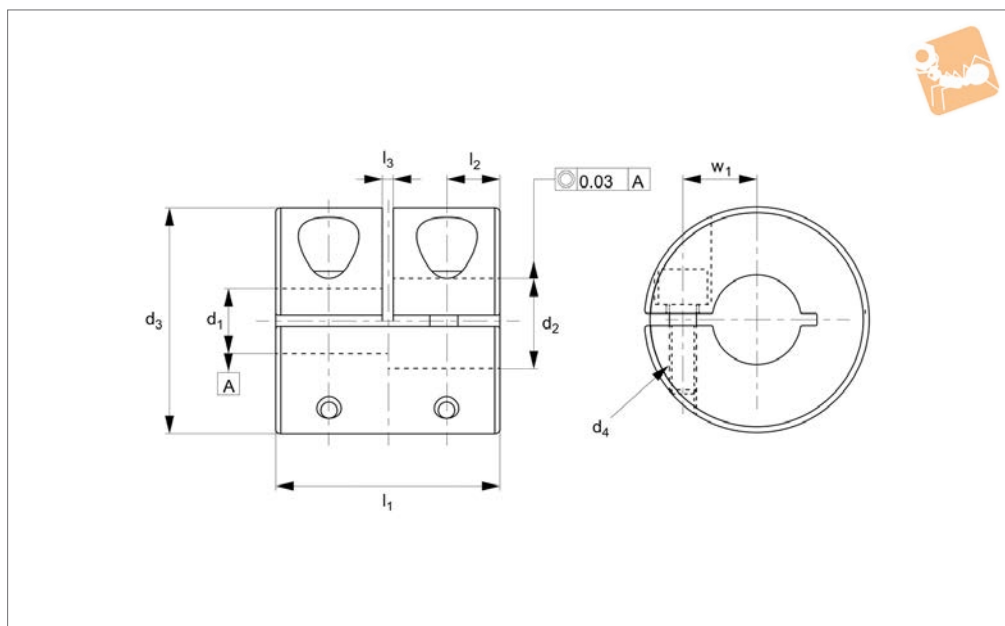
Important Notes

Different bore sizes available on request.
Keyways are standard to DIN 6885.
See keyway technical pages.

Order No.	d ₁ tol. H7/H8	d ₂ tol. H7/H8	d ₃	d ₄	l ₁	l ₂	l ₃	w	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g
R3203.16-05-05	5	5	16	M 2	22	2,5	5,5	5	0,6	9000	8,9x10 ⁻⁷	0,5	25
R3203.16-05-06	5	6	16	M 2	22	2,5	5,5	5	0,6	9000	8,9x10 ⁻⁷	0,5	25
R3203.16-06-06	6	6	16	M 2	22	2,5	5,5	5	0,6	9000	8,9x10 ⁻⁷	0,5	25
R3203.20-06-06	6	6	20	M 2	24	2,5	6,0	7	1	7000	2,5x10 ⁻⁶	0,5	45
R3203.20-06-08	6	8	20	M 2	24	2,5	6,0	7	1	7000	2,5x10 ⁻⁶	0,5	45
R3203.20-08-08	8	8	20	M 2	24	2,5	6,0	7	1	7000	2,5x10 ⁻⁶	0,5	45
R3203.25-08-08	8	8	25	M2,5	36	4,5	9,0	9	2	6000	9,2x10 ⁻⁶	1,0	100
R3203.25-08-10	8	10	25	M2,5	36	4,5	9,0	9	2	6000	9,2x10 ⁻⁶	1,0	100
R3203.25-10-10	10	10	25	M2,5	36	4,5	9,0	9	2	6000	9,2x10 ⁻⁶	1,0	100
R3203.32-10-10	10	10	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180
R3203.32-10-12	10	12	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180
R3203.32-10-14	10	14	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180
R3203.32-12-12	12	12	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180
R3203.32-12-14	12	14	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180
R3203.32-14-14	14	14	32	M 3	40	4,0	10,0	11	4	4500	2,7x10 ⁻⁵	1,5	180



R3204



Material

Stainless steel (A2).

Technical Notes

To fit h_7 and h_8 tolerance shafts.

Maintenance free, excellent anti-oil and

corrosion resistance.

Reciprocating torque is quarter static torque.

Rotational torque is half static torque.

Important Notes

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	Weight g
R3204.16-05-05	5	5	16	M2,5	16	9
R3204.16-05-06	5	6	16	M2,5	16	9
R3204.16-06-06	6	6	16	M2,5	16	9
R3204.20-06-06	6	6	20	M2,5	20	15
R3204.20-06-08	6	8	20	M2,5	20	15
R3204.20-08-08	8	8	20	M2,5	20	15
R3204.25-08-08	8	8	25	M 3	25	29
R3204.25-08-10	8	10	25	M 3	25	29
R3204.25-10-10	10	10	25	M 3	25	29
R3204.32-10-10	10	10	32	M 4	32	61
R3204.32-10-12	10	12	32	M 4	32	61
R3204.32-10-14	10	14	32	M 4	32	61
R3204.32-12-12	12	12	32	M 4	32	61
R3204.32-12-14	12	14	32	M 4	32	61
R3204.32-14-14	14	14	32	M 4	32	61

Order No.	l_2	l_3	w_1	Static torque Nm	rpm max.	Moment of inertia kg·m ²	Torque screw to Nm	Weight g
R3204.16-05-05	3.75	1.0	5.0	0.6	9500	$3,0 \times 10^{-7}$	1.0	9
R3204.16-05-06	3.75	1.0	5.0	0.6	9500	$3,0 \times 10^{-7}$	1.0	9
R3204.16-06-06	3.75	1.0	5.0	0.6	9500	$3,0 \times 10^{-7}$	1.0	9
R3204.20-06-06	4.75	1.0	6.5	1	7600	$8,7 \times 10^{-7}$	1.0	15
R3204.20-06-08	4.75	1.0	6.5	1	7600	$8,7 \times 10^{-7}$	1.0	15
R3204.20-08-08	4.75	1.0	6.5	1	7600	$8,7 \times 10^{-7}$	1.0	15
R3204.25-08-08	6.0	1.0	9.0	2	6100	$2,7 \times 10^{-6}$	1.5	29
R3204.25-08-10	6.0	1.0	9.0	2	6100	$2,7 \times 10^{-6}$	1.5	29
R3204.25-10-10	6.0	1.0	9.0	2	6100	$2,7 \times 10^{-6}$	1.5	29
R3204.32-10-10	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61
R3204.32-10-12	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61
R3204.32-10-14	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61
R3204.32-12-12	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61
R3204.32-12-14	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61

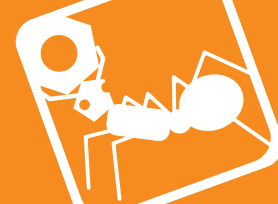


Rigid Shaft Coupling - One Piece

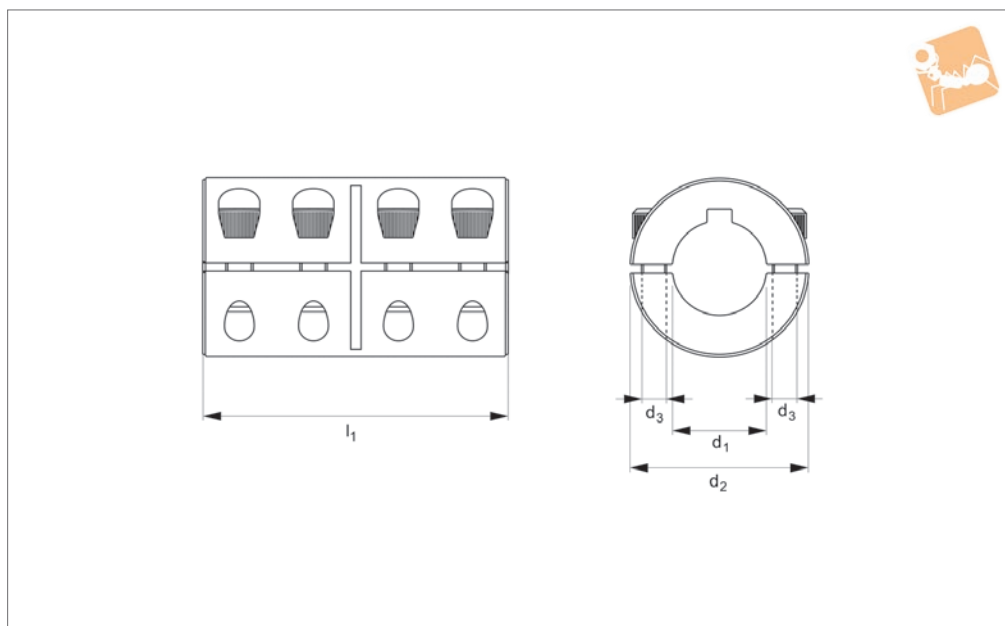
Stainless, short

Rigid Couplings

Order No.	l_2	l_3	w_1	Static torque Nm	rpm max.	Moment of inertia $\text{kg}\cdot\text{m}^2$	Torque screw to Nm	Weight g
R3204.32-14-14	7.75	1.0	11	4	4800	$7,1 \times 10^{-6}$	2.5	61



R3200



Material

Steel (AISI 12L14), black oxide finish, or stainless steel (A2, AISI 303).

High axial load and torque capacity.
Part shown above with keyway.

Keyways are standard to DIN 6885.
See keyway technical pages.

Technical Notes

To fit h_7 or h_8 tolerance shafts.

Important Notes

Different bore sizes available on request.

Order No.	d_1 tol. H7/H8	d_2	d_3	l_1	Static torque Nm	Material	Type	Torque screw to Nm	Weight g	Weight g
R3200.060-BL	6	18	M 3	6	70	Steel	standard	2.0	40	40
R3200.080-BL	8	24	M 3	8	70	Steel	standard	2.0	100	100
R3200.100-BL	10	29	M 4	10	105	Steel	standard	4.5	180	180
R3200.120-BL	12	29	M 4	12	105	Steel	standard	4.5	180	180
R3200.140-BL	14	34	M 5	14	200	Steel	standard	9.5	270	270
R3200.150-BL	15	34	M 5	15	200	Steel	standard	9.5	260	260
R3200.160-BL	16	34	M 5	16	200	Steel	standard	9.5	260	260
R3200.200-BL	20	42	M 6	20	350	Steel	standard	16.5	510	510
R3200.250-BL	25	45	M 6	25	400	Steel	standard	16.5	620	620
R3200.300-BL	30	53	M 6	30	475	Steel	standard	16.5	920	920
R3200.350-BL	35	67	M 8	35	1100	Steel	standard	39.0	1880	1880
R3200.400-BL	40	77	M 8	40	1325	Steel	standard	39.0	2710	2710
R3200.500-BL	50	85	M10	50	2250	Steel	standard	78.0	3520	3520
R3200.080-BL-K	8	24	M 3	8	70	Steel	with keyway	2.0	100	100
R3200.100-BL-K	10	29	M 4	10	70	Steel	with keyway	4.5	180	180
R3200.120-BL-K	12	29	M 4	12	105	Steel	with keyway	4.5	180	180
R3200.140-BL-K	14	34	M 5	14	200	Steel	with keyway	9.5	270	270
R3200.150-BL-K	15	34	M 5	15	200	Steel	with keyway	9.5	260	260
R3200.160-BL-K	16	34	M 5	16	200	Steel	with keyway	9.5	260	260
R3200.200-BL-K	20	42	M 6	20	350	Steel	with keyway	16.5	510	510
R3200.250-BL-K	25	45	M 6	25	400	Steel	with keyway	16.5	620	620
R3200.300-BL-K	30	53	M 6	30	475	Steel	with keyway	16.5	920	920
R3200.350-BL-K	35	67	M 8	35	1100	Steel	with keyway	39.0	1880	1880
R3200.400-BL-K	40	77	M 8	40	1325	Steel	with keyway	39.0	2710	2710
R3200.500-BL-K	50	85	M10	50	2250	Steel	with keyway	78.0	3520	3520
R3200.060-A2	6	18	M 3	6	23	Stainless	standard	1.0	40	40
R3200.080-A2	8	24	M 3	8	23	Stainless	standard	1.0	100	100
R3200.100-A2	10	29	M 4	10	32	Stainless	standard	2.5	180	180
R3200.120-A2	12	29	M 4	12	32	Stainless	standard	2.5	180	180
R3200.140-A2	14	34	M 5	14	60	Stainless	standard	5.0	270	270
R3200.150-A2	15	34	M 5	15	60	Stainless	standard	5.0	260	260
R3200.160-A2	16	34	M 5	16	60	Stainless	standard	5.0	260	260



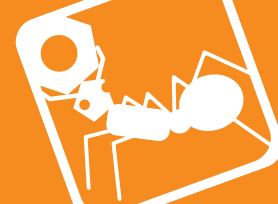
Rigid Shaft Couplings - One Piece

steel & stainless, long

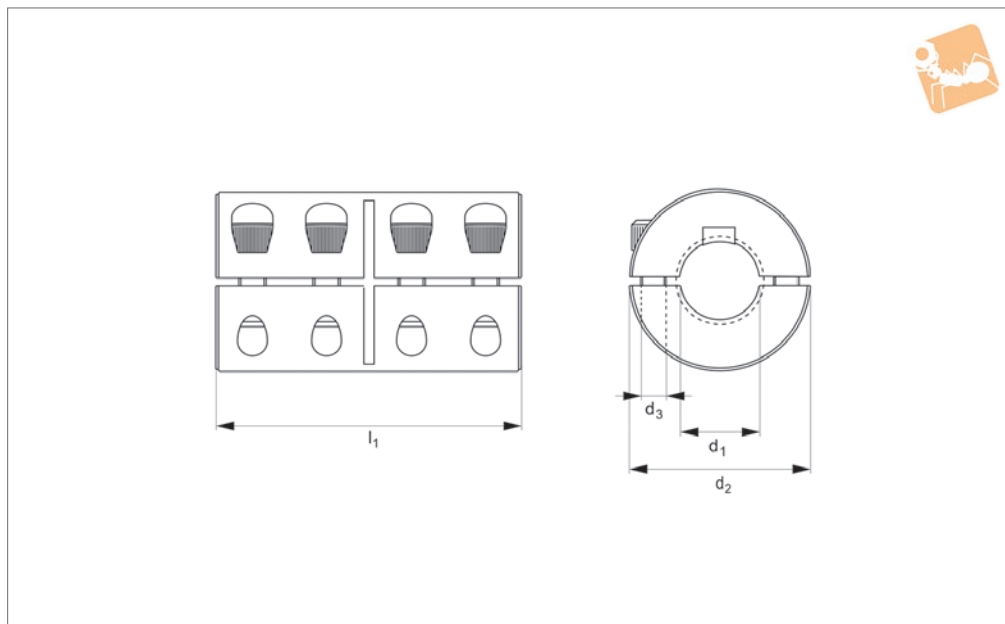
Rigid Couplings

Order No.	d ₁ tol. H7/H8	d ₂	d ₃	l ₁	Static torque Nm	Material	Type	Torque screw to Nm	Weight g	Weight g
R3200.200-A2	20	42	M 6	20	110	Stainless	standard	8.5	510	510
R3200.250-A2	25	45	M 6	25	120	Stainless	standard	8.5	620	620
R3200.300-A2	30	53	M 6	30	150	Stainless	standard	8.5	920	920
R3200.350-A2	35	67	M 8	35	330	Stainless	standard	20.5	1880	1880
R3200.400-A2	40	77	M 8	40	400	Stainless	standard	20.5	2710	2710
R3200.500-A2	50	85	M10	50	675	Stainless	standard	41.5	3520	3520
R3200.080-A2-K	8	24	M 3	8	23	Stainless	with keyway	1.0	100	100
R3200.100-A2-K	10	29	M 4	10	23	Stainless	with keyway	2.5	180	180
R3200.120-A2-K	12	29	M 4	12	32	Stainless	with keyway	2.5	180	180
R3200.140-A2-K	14	34	M 5	14	60	Stainless	with keyway	5.0	270	270
R3200.150-A2-K	15	34	M 5	15	60	Stainless	with keyway	5.0	260	260
R3200.160-A2-K	16	34	M 5	16	60	Stainless	with keyway	5.0	260	260
R3200.200-A2-K	20	42	M 6	20	110	Stainless	with keyway	8.5	510	510
R3200.250-A2-K	25	45	M 6	25	120	Stainless	with keyway	8.5	620	620
R3200.300-A2-K	30	53	M 6	30	150	Stainless	with keyway	8.5	920	920
R3200.350-A2-K	35	67	M 8	35	330	Stainless	with keyway	20.5	1880	1880
R3200.400-A2-K	40	77	M 8	40	400	Stainless	with keyway	20.5	2710	2710
R3200.500-A2-K	50	85	M10	50	675	Stainless	with keyway	41.5	3520	3520

RIGID COUPLINGS



R3205



Material

Steel (AISI 12L14), black oxide finish, or stainless steel (A2, AISI 303).

High axial load and torque capacity.
Part shown above with keyway.

See keyway technical pages.

Technical Notes

To fit h_7 or h_8 tolerance shafts.

Important Notes

Different bore sizes available on request.
Keyways are standard to DIN 6885.

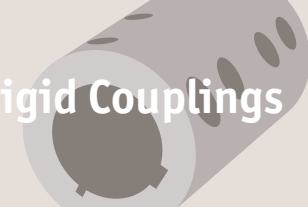
Order No.	d_1 tol. H7/H8	d_2 tol. H7/H8	d_3	l_1	Static torque Nm	Material	Type	Torque screw to Nm	Weight g	Weight g
R3205.060-BL	6	18	M 3	30	34	Steel	standard	2.0	40	40
R3205.080-BL	8	24	M 3	35	50	Steel	standard	2.0	80	80
R3205.100-BL	10	29	M 4	45	105	Steel	standard	4.5	190	190
R3205.120-BL	12	29	M 4	45	105	Steel	standard	4.5	180	180
R3205.140-BL	14	34	M 5	50	200	Steel	standard	9.5	250	250
R3205.150-BL	15	34	M 5	50	200	Steel	standard	9.5	240	240
R3205.160-BL	16	34	M 5	50	200	Steel	standard	9.5	230	230
R3205.200-BL	20	42	M 6	65	350	Steel	standard	16.5	500	500
R3205.250-BL	25	45	M 6	75	400	Steel	standard	16.5	620	620
R3205.300-BL	30	53	M 6	83	475	Steel	standard	16.5	1000	1000
R3205.350-BL	35	67	M 8	95	1100	Steel	standard	39.0	1100	1100
R3205.400-BL	40	77	M 8	108	1325	Steel	standard	39.0	2500	2500
R3205.500-BL	50	85	M10	124	2250	Steel	standard	78.0	3100	3100
R3205.080-BL-K	8	24	M 3	35	50	Steel	with keyway	2.0	80	80
R3205.100-BL-K	10	29	M 4	45	105	Steel	with keyway	4.5	190	190
R3205.120-BL-K	12	29	M 4	45	105	Steel	with keyway	4.5	180	180
R3205.140-BL-K	14	34	M 5	50	200	Steel	with keyway	9.5	240	240
R3205.150-BL-K	15	34	M 5	50	200	Steel	with keyway	9.5	240	240
R3205.160-BL-K	16	34	M 5	50	200	Steel	with keyway	9.5	230	230
R3205.200-BL-K	20	42	M 6	65	350	Steel	with keyway	16.5	500	500
R3205.250-BL-K	25	45	M 6	75	400	Steel	with keyway	16.5	620	620
R3205.300-BL-K	30	53	M 6	83	475	Steel	with keyway	16.5	1000	1000
R3205.350-BL-K	35	67	M 8	95	1100	Steel	with keyway	39.0	1100	1100
R3205.400-BL-K	40	77	M 8	108	1325	Steel	with keyway	39.0	2500	2500
R3205.500-BL-K	50	85	M10	124	2250	Steel	with keyway	78.0	3100	3100
R3205.060-A2	6	18	M 3	30	10	Stainless	standard	1.0	40	40
R3205.080-A2	8	24	M 3	35	16	Stainless	standard	1.0	80	80
R3205.100-A2	10	29	M 4	45	32	Stainless	standard	2.5	190	190
R3205.120-A2	12	29	M 4	45	32	Stainless	standard	2.5	180	180
R3205.140-A2	14	34	M 5	50	60	Stainless	standard	5.0	250	250
R3205.150-A2	15	34	M 5	50	60	Stainless	standard	5.0	240	240
R3205.160-A2	16	34	M 5	50	60	Stainless	standard	5.0	230	230



Rigid Shaft Couplings - Two Piece

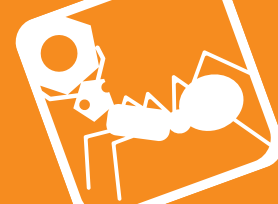
steel & stainless, clamping, long

Rigid Couplings

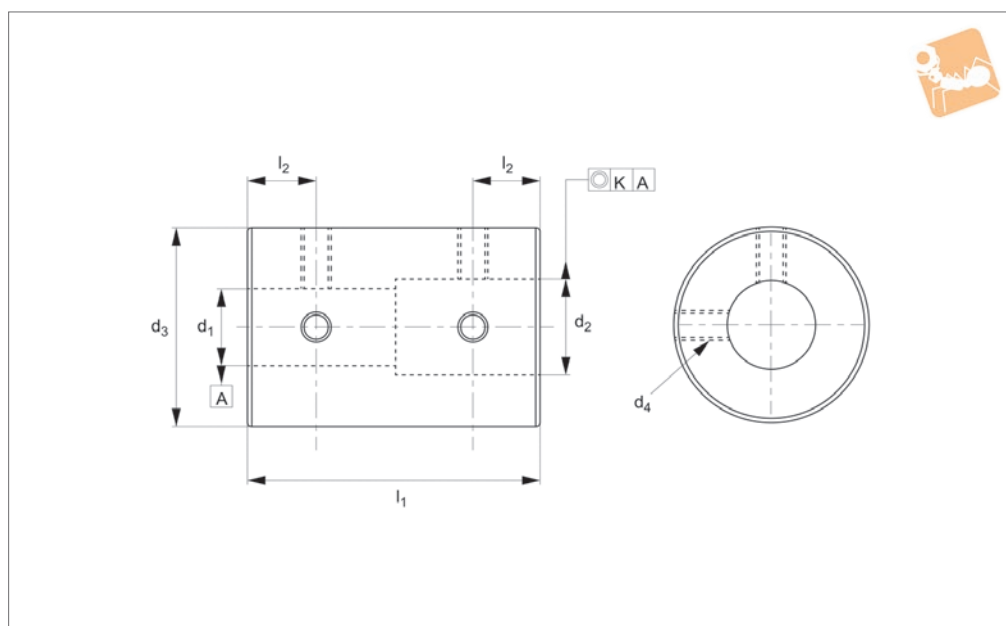


Order No.	d ₁ tol. H7/H8	d ₂ tol. H7/H8	d ₃	l ₁	Static torque Nm	Material	Type	Torque screw to Nm	Weight g	Weight g
R3205.200-A2	20	42	M 6	65	110	Stainless	standard	8.5	500	500
R3205.250-A2	25	45	M 6	75	120	Stainless	standard	8.5	620	620
R3205.300-A2	30	53	M 6	83	150	Stainless	standard	8.5	1000	1000
R3205.350-A2	35	67	M 8	95	330	Stainless	standard	20.5	1100	1100
R3205.400-A2	40	77	M 8	108	400	Stainless	standard	20.5	2500	2500
R3205.500-A2	50	85	M10	124	675	Stainless	standard	41.5	3100	3100
R3205.080-A2-K	8	24	M 3	35	16	Stainless	with keyway	1.0	80	80
R3205.100-A2-K	10	29	M 4	45	32	Stainless	with keyway	2.5	190	190
R3205.120-A2-K	12	29	M 4	45	32	Stainless	with keyway	2.5	180	180
R3205.140-A2-K	14	34	M 5	50	60	Stainless	with keyway	5.0	240	240
R3205.150-A2-K	15	34	M 5	50	60	Stainless	with keyway	5.0	240	240
R3205.160-A2-K	16	34	M 5	50	60	Stainless	with keyway	5.0	230	230
R3205.200-A2-K	20	42	M 6	65	110	Stainless	with keyway	8.5	500	500
R3205.250-A2-K	25	45	M 6	75	120	Stainless	with keyway	8.5	620	620
R3205.300-A2-K	30	53	M 6	83	150	Stainless	with keyway	8.5	1000	1000
R3205.350-A2-K	35	67	M 8	95	330	Stainless	with keyway	20.5	1100	1100
R3205.400-A2-K	40	77	M 8	108	400	Stainless	with keyway	20.5	2500	2500
R3205.500-A2-K	50	85	M10	124	675	Stainless	with keyway	41.5	3100	3100

RIGID COUPLINGS



R3208

**Material**

Aluminium alloy, anodised.

Technical Notes

Maintenance free, excellent anti-oil and corrosion-resistance.

Reciprocating torque is quarter static

torque.

Rotational torque is half static torque.

Important NotesConcentricity; $K=0,03$ 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
R3208.16-030-030	3	3	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-030-040	3	4	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-030-050	3	5	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-030-060	3	6	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-040-040	4	4	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-040-050	4	5	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-040-060	4	6	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-050-050	5	5	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-050-060	5	6	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.16-060-060	6	6	16	M 3	24	6.0	0.6	2400 0	$4,4 \times 10^{-7}$	0.7	11	11
R3208.20-050-050	5	5	20	M 3	30	7.0	1	1900 0	$1,3 \times 10^{-6}$	0.7	20	20
R3208.20-050-060	5	6	20	M 3	30	7.0	1	1900 0	$1,3 \times 10^{-6}$	0.7	20	20
R3208.20-050-080	5	8	20	M 3	30	7.0	1	1900 0	$1,3 \times 10^{-6}$	0.7	20	20
R3208.20-050-100	5	10	20	M 3	30	7.0	1	1900 0	$1,3 \times 10^{-6}$	0.7	20	20
R3208.20-060-060	6	6	20	M 3	30	7.0	1	1900 0	$1,3 \times 10^{-6}$	0.7	20	20

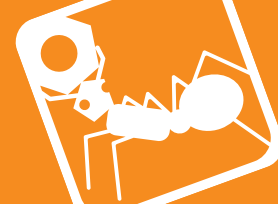


Rigid Shaft Coupling - One Piece

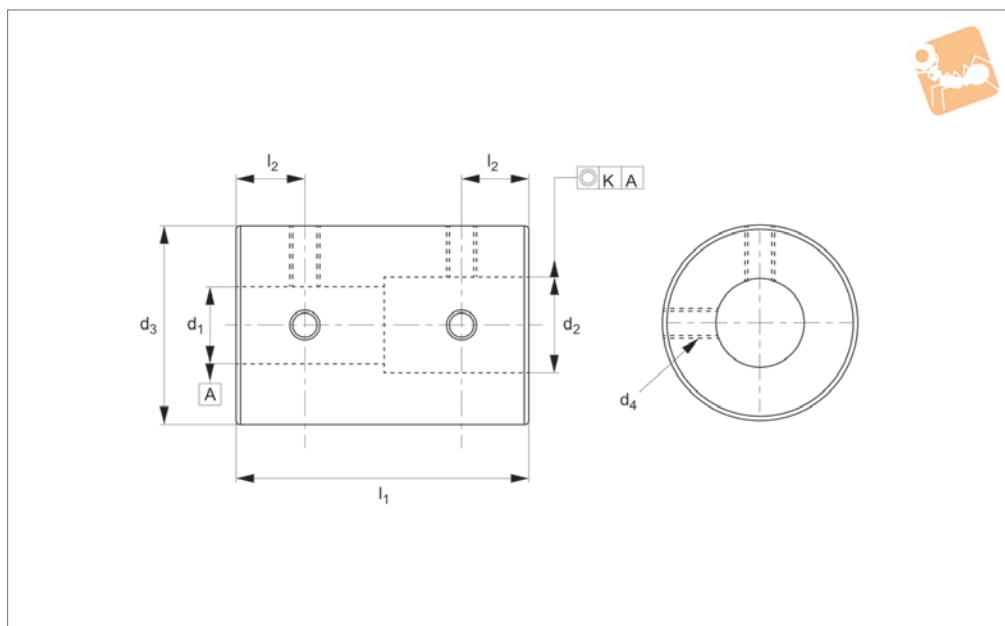
Aluminium, set screw

Rigid Couplings

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
R3208.20-060-080	6	8	20	M 3	30	7.0	1	1900 0	1,3x10 ⁻⁶	0.7	20	20
R3208.20-060-100	6	10	20	M 3	30	7.0	1	1900 0	1,3x10 ⁻⁶	0.7	20	20
R3208.20-080-080	8	8	20	M 3	30	7.0	1	1900 0	1,3x10 ⁻⁶	0.7	20	20
R3208.20-080-100	8	10	20	M 3	30	7.0	1	1900 0	1,3x10 ⁻⁶	0.7	20	20
R3208.20-100-100	10	10	20	M 3	30	7.0	1	1900 0	1,3x10 ⁻⁶	0.7	20	20
R3208.25-080-080	8	8	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-080-100	8	10	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-080-110	8	11	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-080-120	8	12	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-100-100	10	10	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-100-110	10	11	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-100-120	10	12	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-110-110	11	11	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-110-120	11	12	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.25-120-120	12	12	25	M 4	36	9.0	2	1500 0	3,9x10 ⁻⁶	1.7	39	39
R3208.32-120-120	12	12	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-120-140	12	14	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-120-150	12	15	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-120-160	12	16	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-140-140	14	14	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-140-150	14	15	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-140-160	14	16	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-150-150	15	15	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-150-160	15	16	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.32-160-160	16	16	32	M 4	41	10.0	4	1200 0	1,2x10 ⁻⁵	1.7	71	71
R3208.40-150-150	15	15	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-150-160	15	16	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-150-180	15	18	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-150-200	15	20	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-160-160	16	16	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-160-180	16	18	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-160-200	16	20	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-180-180	18	18	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-180-200	18	20	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120
R3208.40-200-200	20	20	40	M 5	44	10.5	8	4000	1,5x10 ⁻⁵	4.0	120	120



R3209



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



Rigid Shaft Coupling - One Piece

Stainless, set screw

Rigid Couplings

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

RIGID COUPLINGS