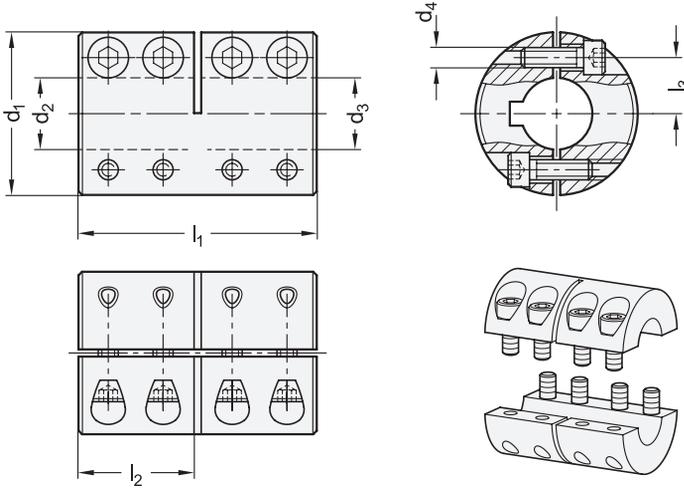


3.1
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Metric



SS Stainless Steel

2 Bore code

- B** Without keyway
- K** With keyway

Metric table

Dimensions in: millimeters / inches

d ₁	d ₂ - d ₃ H7	d ₄	l ₁ ±1	l ₂ Max. shaft insertion depth	l ₃	Tightening torque of the screws in Nm≈		Rated torque in Nm		Max. rotational speed (min ⁻¹)	Moment of inertia in kgm ²	
						ST	NI	ST	NI		ST	NI
18 0.71	6-6	M 3	30 1.18	14.5 0.57	5.5 0.22	2	1.6	30	25	4000	1.75 x 10 ⁻⁶	1.78 x 10 ⁻⁶
24 0.94	8-8	M 3	35 1.38	17 0.67	8.5 0.33	3	1.6	50	40	4000	7.21 x 10 ⁻⁶	7.31 x 10 ⁻⁶
29 1.14	10-10	M 4	45 1.77	21.5 0.85	10 0.39	4.5	3.9	100	90	4000	1.97 x 10 ⁻⁵	1.99 x 10 ⁻⁵
29 1.14	12-12	M 4	45 1.77	21.5 0.85	10 0.39	4.5	3.9	100	90	4000	1.97 x 10 ⁻⁵	1.99 x 10 ⁻⁵
34 1.34	14-14	M 5	50 1.97	24 0.94	11.5 0.45	9	7.6	190	160	4000	3.82 x 10 ⁻⁵	3.87 x 10 ⁻⁵
34 1.34	15-15	M 5	50 1.97	24 0.94	11.5 0.45	9	7.6	190	160	4000	3.82 x 10 ⁻⁵	3.87 x 10 ⁻⁵
34 1.34	16-16	M 5	50 1.97	24 0.94	11.5 0.45	9	7.6	190	160	4000	3.82 x 10 ⁻⁵	3.87 x 10 ⁻⁵
42 1.65	20-20	M 6	65 2.56	31.5 1.24	16 0.63	15	13.2	350	300	4000	1.25 x 10 ⁻⁴	1.26 x 10 ⁻⁴
45 1.77	25-25	M 6	75 2.95	36.5 1.44	17.5 0.69	15	13.2	390	325	4000	1.97 x 10 ⁻⁴	1.99 x 10 ⁻⁴
53 2.09	30-30	M 6	83 3.27	40.5 1.59	20.5 0.81	15	13.2	475	400	4000	4.23 x 10 ⁻⁴	4.29 x 10 ⁻⁴
67 2.64	35-35	M 8	95 3.74	46.5 1.83	25 0.98	40	32	1100	925	4000	1.23 x 10 ⁻³	1.25 x 10 ⁻³
77 3.03	40-40	M 8	108 4.25	53 2.09	30 1.18	40	32	1325	1100	4000	2.51 x 10 ⁻³	2.54 x 10 ⁻³
85 3.35	50-50	M 10	124 4.88	61 2.40	33 1.30	84	63	2250	1875	4000	4.09 x 10 ⁻³	4.14 x 10 ⁻³

Specification

Coupling

- Steel **ST**
- Blackened finish
- Stainless steel AISI 303 **NI**
- Plain finish

Socket cap screws ISO 4762

- Steel, blackened finish for ST
- Stainless steel A2 for NI

Operating temperature

-40 °F to +347 °F (-40 °C to +175 °C)

RoHS

Technical Information

	Page
Overview of Types	QVX
Keyways WN 6885 / DIN 6885-1	QVX
ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

Rigid couplings GN 2264 connect supported shafts or are used as couplings for shaft extensions. They transmit angular positions and high torques precisely and with zero backlash, without compensating for alignment errors and runout tolerances. Due to their split design, they can be used where axial mounting is not possible.

With the bore code K, the keyway is always integrated into both bores d₂ and d₃. For applications with strong vibrations, thread locking is recommended for the clamping screws.

see also...

	Page
GN 2260 Rigid Couplings (Slotted)	QVX
GN 2246 Beam Couplings (with Clamping Hub)	QVX
GN 2250 Double Loop Couplings	QVX

How to order

1 Diameter d ₁
2 Bore code
3 Bore d ₂ - d ₃
4 Material

GN 2264-77-B40-40-NI