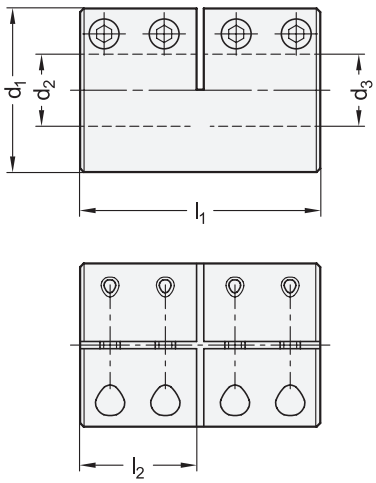
Rigid Couplings

Aluminum, Slotted, for High Rotational Speeds



Metric

2 Bore code

B Without keyway
K With keyway

Metric table

Dimensions in: millimeters / inches

1 d_1	3 d_2 -d_3 H8 Recommended shaft tolerance h7	d_4	l_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
16 0.63	6-6	M 2	22 0.87	11 0.43	5 0.20	0.5	1	39000	3.4×10^{-7}
20 0.79	8-8	M 2	24 0.94	12 0.47	7 0.28	0.5	2.5	31000	9.2×10^{-7}
25 0.98	10-10	M 2.5	36 1.42	18 0.71	9 0.35	1	4.5	25000	3.4×10^{-6}
25 0.98	12-12	M 2.5	36 1.42	18 0.71	9 0.35	1	4.5	25000	3.4×10^{-6}
32 1.26	14-14	M 3	40 1.57	20 0.79	11 0.43	1.5	10	19000	1×10^{-5}
32 1.26	15-15	M 3	40 1.57	20 0.79	11 0.43	1.5	10	19000	1×10^{-5}

Specification

4

Coupling
Aluminum **AL**
Anodized finish, natural color

Socket cap screws ISO 4762
Steel, blackened finish

Operating temperature
-40 °F to +212 °F (-40 °C to +100 °C)

RoHS

Rigid couplings GN 2262 connect supported shafts or are used as couplings for shaft extensions. They transmit angular positions at high speeds precisely and with zero backlash, without compensating for alignment errors and runout tolerances. The slotted design makes them very easy to install.
With the bore code K, the keyway is always integrated into both bores d_2 and d_3.

see also...	Page
GN 2260 Rigid Couplings (Steel / Stainless Steel, Slotted)	QVX
GN 2264 Rigid Couplings (Steel / Stainless Steel, Split)	QVX
GN 2250 Double Loop Couplings	QVX

Technical Information

Overview of Types	QVX
Keyways WN 6885 / DIN 6885-1	QVX
ISO Fundamental Tolerances	QVX

How to order

1 2 3 4
GN 2262-25-B12-12-AL

1	**Diameter d_1**
2	**Bore code**
3	**Bore d_2 - d_3**
4	**Material**