

Rigid Couplings

Aluminum, Slotted, for High Rotational Speeds

SPECIFICATION

Bore codes

- Version **B**: Without keyway
- Version **K**: With keyway DIN 6885-1 JS9

Coupling

Aluminum **AL**
Anodized, natural color

Socket cap screws ISO 4762

Steel, blackened

Operating temperature -40 °C to +100 °C

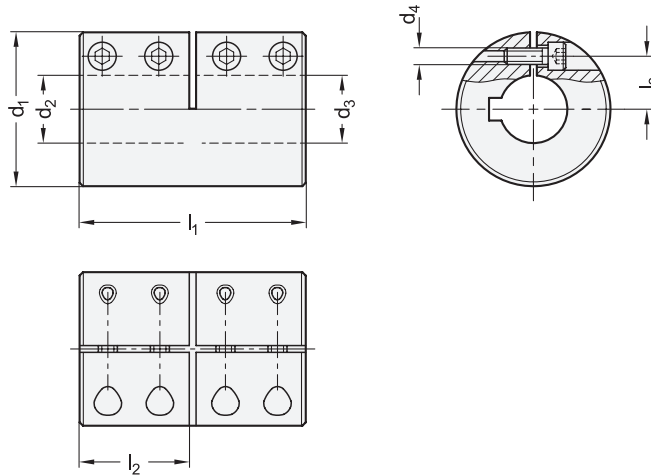
INFORMATION

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 .

TECHNICAL INFORMATION

- Overview of Couplings (see page)
- Keyway P9 DIN 6885-1 (see page A16)
- ISO-Fundamental Tolerances (see page A21)



GN 2262

Description	d_1	$d_2 - d_3$ H8 Recommended shaft tolerance h7	d_4	l_1	l_2 Max. shaft insertion depth	l_3	Tightening torque of the screws in Nm $\approx$	Rated torque in Nm	Max. rotational speed (min ⁻¹)	Moment of inertia in kgm ²	
GN 2262-16-B6-6-AL	16	6-6	M 2	22	11	5	0.5	1	39000	3.4×10^{-7}	10
GN 2262-16-K6-6-AL	16	6-6	M 2	22	11	5	0.5	1	39000	3.4×10^{-7}	10
GN 2262-20-B8-8-AL	20	8-8	M 2	24	12	7	0.5	2.5	31000	9.2×10^{-7}	18
GN 2262-20-K8-8-AL	20	8-8	M 2	24	12	7	0.5	2.5	31000	9.2×10^{-7}	18
GN 2262-25-B10-10-AL	25	10-10	M 2.5	36	18	9	1	4.5	25000	3.4×10^{-6}	38
GN 2262-25-K10-10-AL	25	10-10	M 2.5	36	18	9	1	4.5	25000	3.4×10^{-6}	38
GN 2262-25-B12-12-AL	25	12-12	M 2.5	36	18	9	1	4.5	25000	3.4×10^{-6}	38
GN 2262-25-K12-12-AL	25	12-12	M 2.5	36	18	9	1	4.5	25000	3.4×10^{-6}	38
GN 2262-32-B14-14-AL	32	14-14	M 3	40	20	11	1.5	10	19000	1×10^{-5}	70
GN 2262-32-K14-14-AL	32	14-14	M 3	40	20	11	1.5	10	19000	1×10^{-5}	70
GN 2262-32-B15-15-AL	32	15-15	M 3	40	20	11	1.5	10	19000	1×10^{-5}	70
GN 2262-32-K15-15-AL	32	15-15	M 3	40	20	11	1.5	10	19000	1×10^{-5}	70