



2 Bore code
B Without keyway

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	l_4
15	4-4	4-5	5-5	-	-	-	M 1,6	23	6,5	2,15	5
19	5-5	5-6	5-8	6-6	6-8	8-8	M 2	26	7,7	2,65	6,5
25	6-6	6-8	6-10	8-8	8-10	10-10	M 2,5	32	9,5	3,25	9
30	8-8	8-10	8-12	10-10	10-12	12-12	M 3	36	11	4	11
39	12-12	12-14	12-16	14-14	14-16	16-16	M 4	48	15,5	4,5	14,5
56	20-20	20-25	25-25	-	-	-	M 5	60	19,5	5,5	20

d_1	Tightening torque of the screws in Nm \approx	Rated torque in Nm	Max. rotational speed (min ⁻¹)	Moment of inertia in kgm ²	Static torsional stiffness in Nm/rad	Max. shaft offset		
						Lateral in mm	Axial in mm	Angular in °
15	0,25	1,1	42000	$2,3 \times 10^{-7}$	43	0,15	$\pm 0,2$	1,5
19	0,5	2,1	33000	$6,9 \times 10^{-7}$	88	0,15	$\pm 0,2$	1,5
25	1	4	25000	$2,5 \times 10^{-6}$	140	0,15	$\pm 0,2$	1,5
30	1,5	6,3	21000	6×10^{-6}	220	0,2	$\pm 0,3$	1,5
39	2,5	13,5	16000	$2,3 \times 10^{-5}$	520	0,2	$\pm 0,3$	1,5
56	7	35	11000	$1,2 \times 10^{-4}$	1500	0,2	$\pm 0,3$	1,5

Specification

Hub
Aluminum **AL**

Elastomer element
Hydrogenated acrylonitrile butadiene rubber **H** (HNBR)
• Black
• Hardness 75 \pm 5 Shore A

Operating temperature -20 °C to +80 °C

Socket cap screws ISO 4762
Steel, blackened

RoHS

Technical Information Page

Overview of Couplings	QVX
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High response couplings GN 2248 transmit angular positions and torques with high precision and zero backlash. The elastomer element bonds the clamping hubs together, compensating for shaft misalignments and runout tolerances. The clamping hubs ensure easy installation.

High response couplings GN 2248 are primarily used in applications where precise position and motion transmission is required, e.g., in drive technology on test benches or similar applications.

see also...	Page
GN 2244 Bellows Couplings (Aluminum)	QVX
GN 2250 Double Loop Couplings (Steel / Stainless Steel)	QVX
GN 2262 Rigid Couplings (Aluminum)	QVX

How to order

1 d_1
2 Bore code
3 $d_2 - d_3$
4 Material (Hub)
5 Material (Elastomer element)

GN 2248-30-B 10-10-AL-H