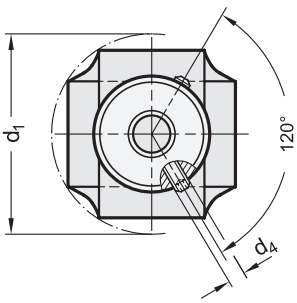
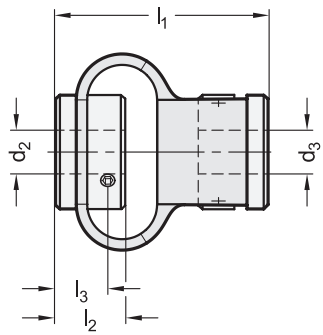
Double Loop Couplings

Steel / Stainless Steel, with Grub Screw





Inox Stainless Steel

FDA

2 Bore code

B Without keyway

1 d_1 ±1	3 d_2 - d_3 H8 Recommended shaft tolerance h7	d_4	l_1 ±2	l_2	l_3
29	6-6	M 3	29	9	2,5
48	10-10	M 4	46	13	9

d_1 ±1	Max. torque in Nm	Max. rotational speed (min^{-1})	Moment of inertia in kgm^2	Static torsional stiffness in Nm/rad	Spring rate in N/mm	Max. shaft misalignment			Max. tightening torque of the grub screws in Nm	
						Radial in mm	Axial in mm	Angular in °	ST	A4
29	0,5	3000	41 x 10^{-6}	13	13	± 2	± 2	± 10	1	0,8
48	2	3000	106 x 10^{-5}	28	7	± 3	± 4	± 12	1	1,8

Specification

	4	5
Steel	**ST**	
• Zinc plated, blue passivated		
• Loop		
Thermoplastic elastomer (TPE)		**S**
- Operating temperature -30 °C to +80 °C		
- Blue		
- Hardness 55 Shore D		
• Grub screws DIN 916		
Steel, zinc plated		
Stainless steel AISI 316L	**A4**	
• Plain finish		
• Loop		
Thermoplastic elastomer (TPE), FDA compliant material		**F**
- Operating temperature -30 °C to +80 °C		
- Blue		
- Hardness 50 Shore D		
• Grub screws DIN 916		
Stainless steel		

RoHS

Double loop couplings GN 2250 connect shafts and compensate for axial, radial and angular misalignments. The special design has a shock and vibration damping effect, insulates connected shafts thermally and electrically and ensures very smooth running.

The AISI 316L stainless steel version is particularly suitable for applications in highly corrosive environments and, due to the FDA compliant material of the double loops, also in food areas.

see also...	Page
GN 2240 Elastomer Jaw Couplings (Aluminum, with Clamping Hub)	QVX
GN 2246 Beam Couplings (Stainless Steel, with Clamping Hub)	QVX

Technical Information	
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

GN 2250-48-B 10-10-A4-F

(1 2 3 4 5)

1	d_1
2	Bore code
3	d_2 - d_3
4	Material
5	Material (Loop)