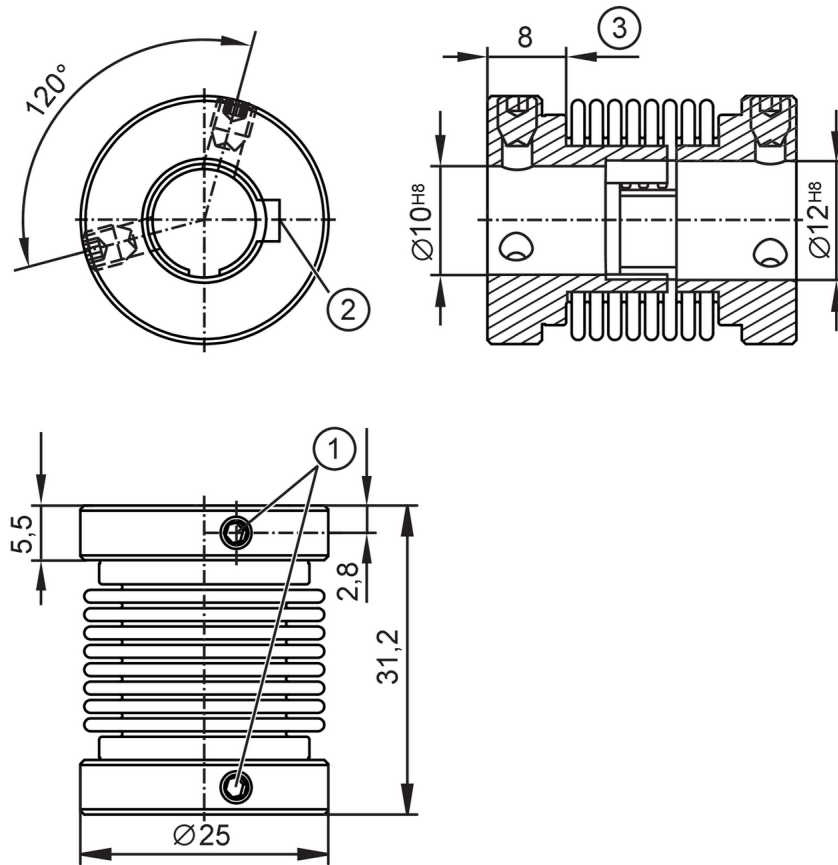


Positive-locking coupling

FORMFIT COUPLING V2A 25-12-10-31-SV



- 1 set screws M 4x6 ISO 4029
- 2 hub with keyway (DIN6885)
- 3 depth of the clamping hub

Operating conditions

Ambient temperature	[°C]	-30...120
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Mechanical data

Weight	[g]	52.6
Dimensions	[mm]	Ø 25 / L = 31
Materials		shaft adapter: stainless steel (303/1.4305)
Tightening torque	[Nm]	1; (screws)
Outer diameter D	[mm]	25
Inner diameter 1	[mm]	12
Inner diameter 2	[mm]	10
Clamping screw	[mm]	M4 x 4 - ISO 4029 (4x)
Moment of inertia	[gcm ²]	9.1
Radial spring stiffness	[N/mm]	17.8
Length	[mm]	31
Max. revolution, mechanical	[U/min]	10000
Max. axial shaft misalignment	[mm]	± 0,45
Max. radial shaft misalignment	[mm]	± 0,3
Max. angular displacement	[°]	± 3,0
Rigidity of the torsion spring	[Nm/rad]	183

E61465



Positive-locking coupling

FORMFIT COUPLING V2A 25-12-10-31-SV

4 mm hub with keyway (DIN 6885)	
Depth of the clamping hub [mm]	6.4...11
3 mm hub with keyway (DIN 6885)	
Depth of the clamping hub [mm]	6.4...11
Remarks	
Remarks	The data indicated apply to couplings with the above hub borings at an ambient temperature of 23 °C.
	If the spring element becomes loose or damaged, two internal claws grip the shaft of the encoder to secure the connection, which may cause a deviation of up to 7 degrees in reversing operation.
Pack quantity	1 pcs.