
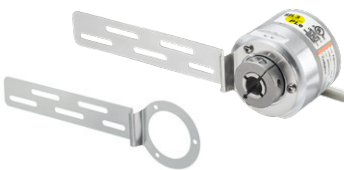



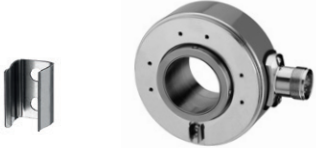
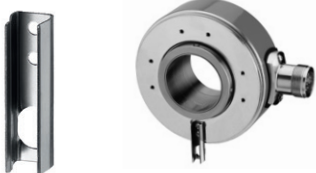




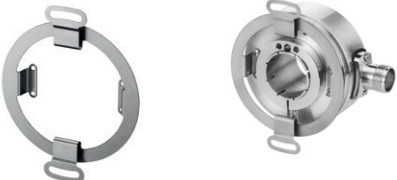
Accessories

Fixing components for hollow shaft encoders				For encoders up to ø 58 mm				Overview								
Figure		Description	Pitch circle diameter in mm [inch]	Order no.	Details s. page	Incremental encoders				Absolute singleturn encoders		Absolute multiturn encoders				
						3620, 3720	KIH50, 5020, 5026	5834 Motor-Line	5823, 5824, 5825, 5834	3671, M3678, F3673, F3678	5873, 5878, 5870, 5872	5873 Motor-Line	F3683, F3688	M3681, M3683, M3688	5883, 5888, F5883, F5888	F5883M, F5888M
		Spring element, short For applications with limited axial play and low dynamics, and reduced mounting space	36XX 42 [1.65] M36XX 42 [1.65] F36XX 42 [1.65] 37XX 40 [1.57] 50XX 42 [1.65] 58XX 42 [1.65] F58XX 42 [1.65]	8.0010.4H00.0000 Connection to the application: cylindrical pin	4	X	X		X	X	X		X	X	X	X
		Spring element, long For applications with axial play and low dynamics	36XX 61,4 [2.42] M36XX 61,4 [2.42] F36XX 61,4 [2.42] 37XX 61,4 [2.42] 50XX 67,4 [2.65] 58XX 73,4 [2.89] F58XX 73,4 [2.89]	8.0010.4I00.0000 Connection to the application: cylindrical pin	4	X	X		X	X			X	X	X	X
		Torque stop, short (flexible) For applications with axial and radial play, low dynamics	64.5 [2.54]	8.0010.40M0.0000 Connection to the application: 1 screw	4		X		X		X				X	X
		Torque stop, medium (flexible) For applications with axial and radial play for constant rotary movements	65 ... 91.5 [2.56 ... 3.60]	8.0010.40E0.0000 Connection to the application: 1 screw	4		X		X		X				X	X
		Torque stop, long (flexible) For applications with axial and radial play and low dynamics	80 ... 170 [3.15 ... 6.69]	8.0010.4R00.0000 Connection to the application: 1 screw	5		X		X		X				X	X
		Stator coupling, double-winged For applications with axial and radial play and high dynamics	46 [1.81]	8.0010.4C00.0000 Connection to the application: 2 screws	5	X				X						X
		Stator coupling, double-winged For applications with high demands for accuracy	63 [2.48]	8.0010.4D00.0000 Connection to the application: 2 screws	5		Flansch C + D	X	X		X	X			X	
		Stator coupling, for fixing to side of encoder For standard applications with axial and radial play, and high dynamics	65 [2.56]	8.0010.1602.0000 Connection to the application: 3 screws	6		Flansch C + D		X		X				X	X
		Stator coupling, for fixing to front of encoder For applications with axial and radial play and high dynamics	65 [2.56]	8.0010.40L0.0000 Connection to the application: 3 screws	6		X		X		X				X	X
		Spring tether element For applications with low axial and radial play and low dynamics	42 ... 84.5 [1.65 ... 3.33]	8.0010.40W0.0000 Connection to the application: 1 screw	6		X		X		X				X	X


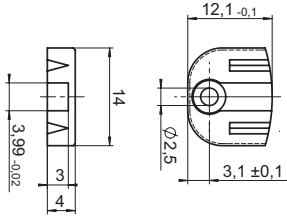

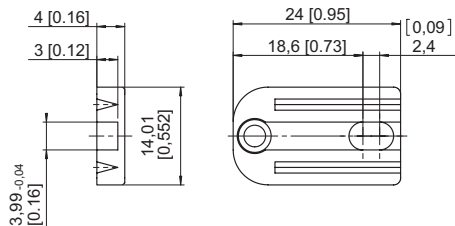

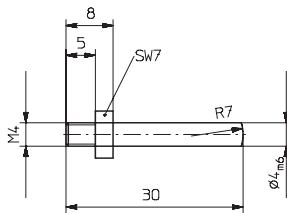
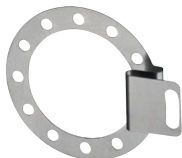
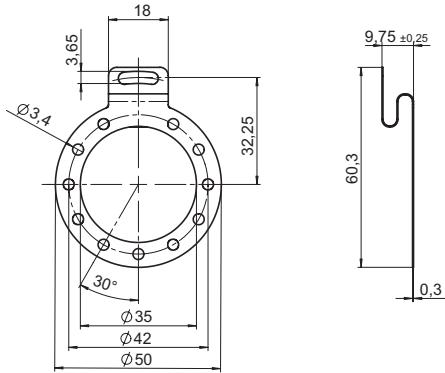

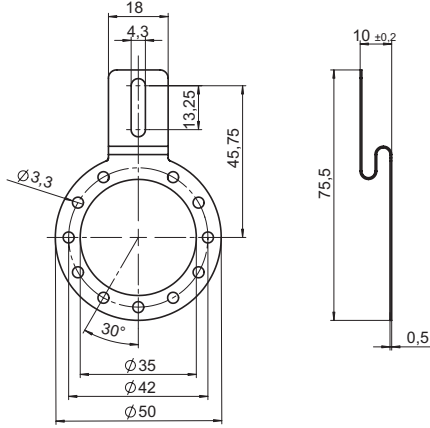
Accessories

Fixing components for hollow shaft encoders					For encoders up to ø 58 mm					Overview				
Figure	Description	Pitch circle diameter in mm [inch]	Order no.	Details s. page	Incremental encoders				Absolute singleturn encoders			Absolute multiturn encoders		
					5834FSx	5020	5823, 5824, 5825	5823, 5824, 5825	5873FSx	5873, 5878	5873 Motor-Line	5883FSx	5883, 5888, F5883, F5888,	F5883M, F5888M
	Stator coupling Designed for functional safety thanks to the 4-screw-principle.	63 [2.48]	8.0010.40B2.00FS <i>Connection to the application:</i> 4 screws	7	X	X	X	X	X	X	X	X	X	
	Torque stop, flexible Designed for functional safety. For applications with axial and radial play and low dynamics.	79 ... 285 [3.11 ... 11.22]	8.0010.4047.00FS <i>Connection to the application:</i> 1 screw	7	X	X	X		X	X		X	X	X
	Torque stop set, rigid Designed for functional safety. For applications with very low axial and radial play and low dynamics.	65 ... 287 mm [2.56 ... 11.30]	8.0010.4051.00FS <i>Connection to the application:</i> cylindrical pin	8	X	X	X		X	X			X	X

Accessories


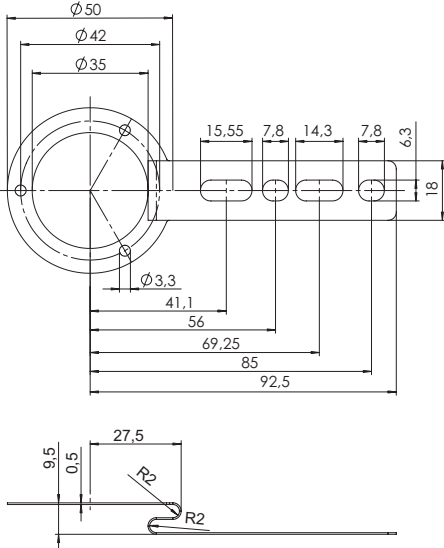

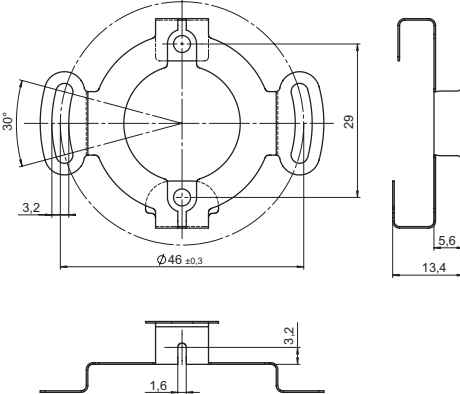

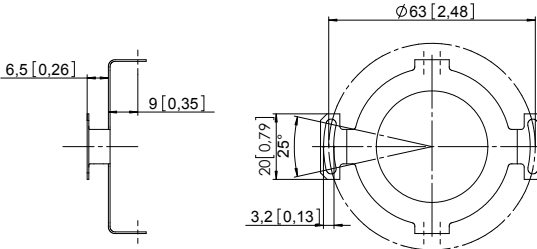
Fixing components for hollow shaft encoders		For encoders > ø 58 mm		Overview		
Figure	Description	Pitch circle diameter in mm [inch]	Order no.	Details s. page	A020, A02H	H120
	Spring element, short For applications with reduced mounting space	76 [2.99]	8.0010.4J00.0000 <i>Connection to the application:</i> cylindrical pin	9	X	
	Spring element, long For applications with high axial play	110 [4.33]	8.0010.4K00.0000 <i>Connection to the application:</i> cylindrical pin	9	X	
	Torque stop, short For applications with axial play	149 [5.87]	8.0010.4T00.0000 <i>Connection to the application:</i> s. details	9	X	
	Torque stop, long For applications with fastening points located on variable pitch circle diameters	104 ... 206 [4.09 ... 8.11]	8.0010.4E00.0000 <i>Connection to the application:</i> 1 screw	10	X	
	Tether arm, long For applications with low axial and radial play, flexible in use	Length = 70 [2.75]: Length = 100 [3.94]: Length = 150 [5.91]: 262 ... 422 [10.32 ... 16.61]	8.0010.40S0.0000 8.0010.40T0.0000 8.0010.40U0.0000 <i>Connection to the application:</i> 1 screw	10	X	X
	Tether arm, long For applications with low axial and radial play, flexible in use	Length = 70 [2.75]: Length = 100 [3.94]: Length = 150 [5.91]: 262 ... 422 [10.32 ... 16.61]	8.0010.40S1.0000 8.0010.40T1.0000 8.0010.40U1.0000 <i>Connection to the application:</i> 1 screw	11		X
	Stator coupling For applications with axial and radial play and high dynamics	119 [4.69]	8.0010.40V0.0000 <i>Connection to the application:</i> 2 screws	11	X	X

Accessories


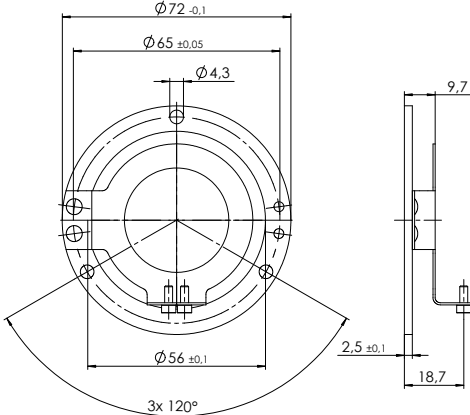

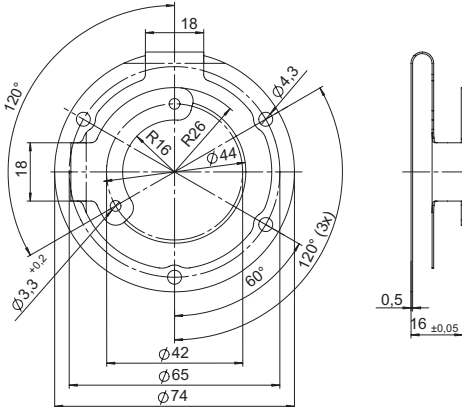


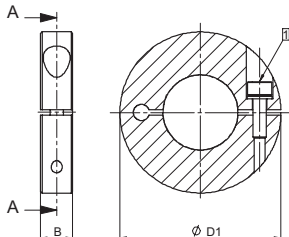
Fixing components for hollow shaft encoders		For encoders up to $\varnothing 58$ mm	Details
Dimensions / Details	Dimensions in mm [inch]	Order no.	
Spring element, short 		Scope of delivery: <ul style="list-style-type: none"> - spring element (plastic) - 1 screw for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - cylindrical pin (8.0010.4700.0000) (not supplied) 	8.0010.4H00.0000
Spring element, long 		Scope of delivery: <ul style="list-style-type: none"> - spring element (plastic) - 1 screw for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - cylindrical pin (8.0010.4700.0000) (not supplied) 	8.0010.4I00.0000
Cylindrical pin, long with fastening thread 		suitable for spring element short (8.0010.4H00.0000) and long (8.0010.4I00.0000)	8.0010.4700.0000 ¹⁾
Torque stop, short 		Scope of delivery: <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 1 screw (not supplied) 	8.0010.40M0.0000
Torque stop, medium 		Scope of delivery: <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 1 screw (not supplied) 	8.0010.40E0.0000 ¹⁾

1) Stock types


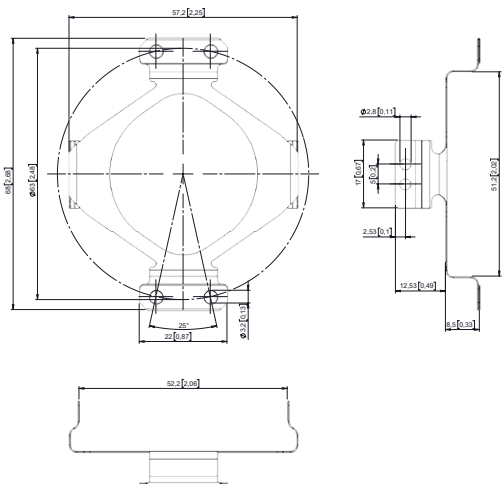
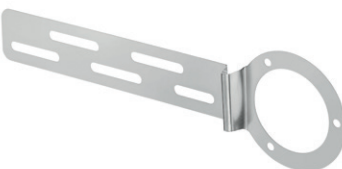
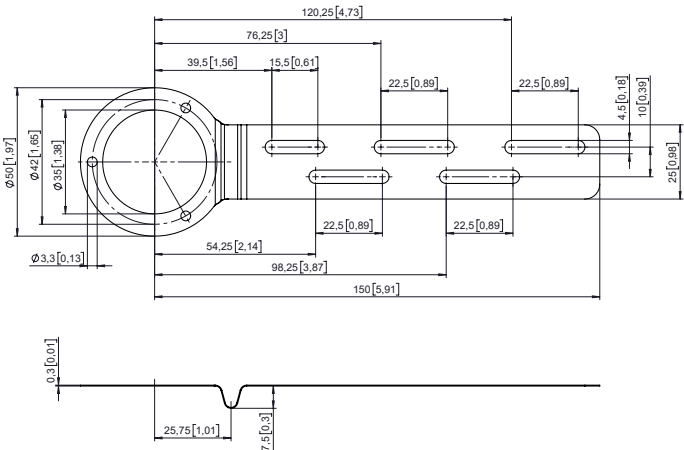
Accessories

Fixing components for hollow shaft encoders		For encoders up to \varnothing 58 mm	Details
Dimensions / Details			Order no.
Torque stop, long 		Scope of delivery: <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 1 screw (not supplied) 	8.0010.4R00.0000
Stator coupling, double-winged for front fixing onto the encoder flange 		Scope of delivery: <ul style="list-style-type: none"> - Stator coupling (stainless steel) - 2 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 2 screws (not supplied) 	8.0010.4C00.0000
Stator coupling, double-winged for side fixing onto the encoder flange 		Scope of delivery: <ul style="list-style-type: none"> - Stator coupling (stainless steel) - 4 screws M2.5 x 6 [0.24] for fixing to the encoders Connection to application: <ul style="list-style-type: none"> - 2 socket head screws M3 x 8 [0.32] with washer (supplied) 	8.0010.4D00.0000


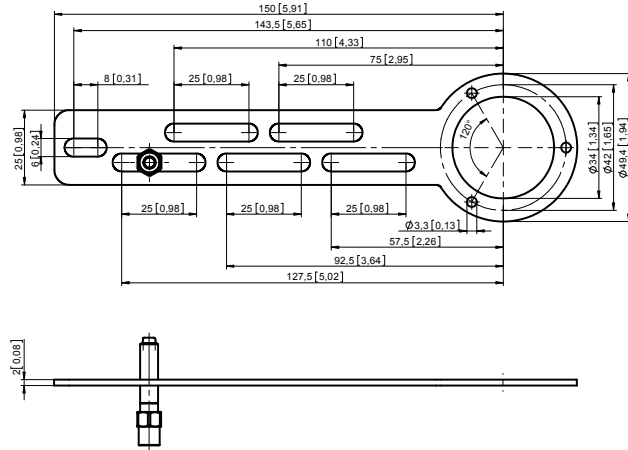

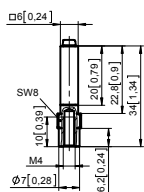
Accessories

Fixing components for hollow shaft encoders		For encoders up to ø 58 mm		Details																								
Dimensions / Details		Dimensions in mm [inch]		Order no.																								
Stator coupling for side fixing onto the encoder flange			Scope of delivery: <ul style="list-style-type: none">- Stator coupling (stainless steel)- 2 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none">- 3 screws (not supplied)		8.0010.1602.0000																							
Stator coupling for front fixing onto the encoder flange			Scope of delivery: <ul style="list-style-type: none">- Stator coupling (stainless steel)- 2 screws for fixing to the encoder Connection to application: <ul style="list-style-type: none">- 3 screws (not supplied)		8.0010.40L0.0000																							
Spring tether element		Scope of delivery: <ul style="list-style-type: none">- spring tether element- 1 screw for fixing to the encoder Connection to application: <ul style="list-style-type: none">- 1 screw (not supplied)		8.0010.40W0.0000																								
Clamping ring Stainless steel, for high rotational speeds			<table><thead><tr><th></th><th>for encoder</th><th>B</th><th>D1</th><th>for hollow shaft ø</th><th></th></tr></thead><tbody><tr><td rowspan="2">582X</td><td></td><td>6 [0.236]</td><td>29 [1.14]</td><td>10 [0.39]</td><td>8.0000.4V00.0000</td></tr><tr><td></td><td>6.2 [0.244]</td><td>30 [1.18]</td><td>12 [0.47]</td><td>8.0000.4W00.0000</td></tr><tr><td>5020</td><td></td><td>6.2 [0.244]</td><td>30 [1.18]</td><td>12 [0.47]</td><td>8.0010.4W01.0000</td></tr></tbody></table>			for encoder	B	D1	for hollow shaft ø		582X		6 [0.236]	29 [1.14]	10 [0.39]	8.0000.4V00.0000		6.2 [0.244]	30 [1.18]	12 [0.47]	8.0000.4W00.0000	5020		6.2 [0.244]	30 [1.18]	12 [0.47]	8.0010.4W01.0000	
				for encoder	B	D1	for hollow shaft ø																					
582X		6 [0.236]	29 [1.14]	10 [0.39]	8.0000.4V00.0000																							
		6.2 [0.244]	30 [1.18]	12 [0.47]	8.0000.4W00.0000																							
5020		6.2 [0.244]	30 [1.18]	12 [0.47]	8.0010.4W01.0000																							
				<div>1 screw DIN 912 A2 M2.5, max. tightening torque 0.45 Nm</div>																								


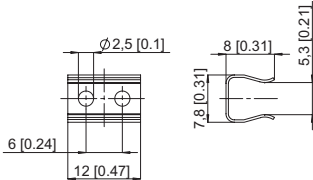

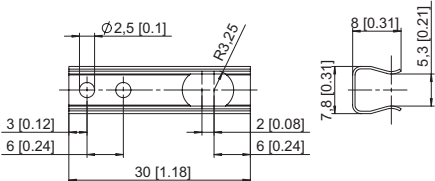

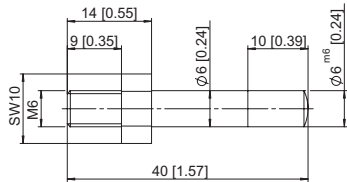

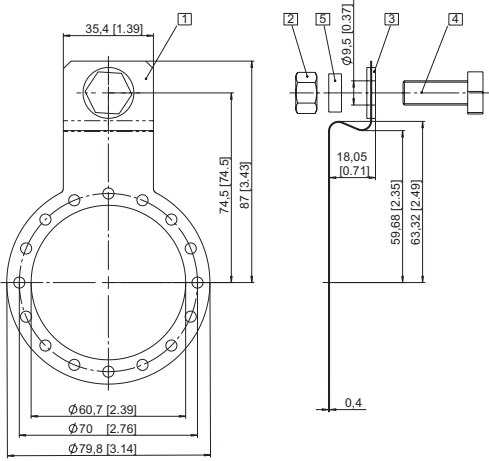
Accessories

Fixing components for hollow shaft encoders		For encoders up to \varnothing 58 mm	Details
Dimensions / Details	Dimensions in mm [inch]	Order no.	
Stator coupling  		Scope of delivery: <ul style="list-style-type: none"> - Stator coupling (stainless steel) - 4 screws M3x6 mm [M3 x 0.24"] for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 4 screws (not supplied) Max. permissible shaft connection tolerances: <ul style="list-style-type: none"> - Axial offset < \pm 0.25 mm - Radial offset < \pm 0.20 mm - Angular offset < 1° 	8.0010.40B2.00FS
Torque stop, flexible  		Scope of delivery: <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws M3x6 mm [M3 x 0.24"] for fixing to the encoder Connection to application: <ul style="list-style-type: none"> - 1 screw (not supplied) Max. permissible shaft connection tolerances: <ul style="list-style-type: none"> - Axial offset < \pm 0.25 mm - Radial offset < \pm 0.20 mm - Angular offset < 1° 	8.0010.4047.00FS

Accessories


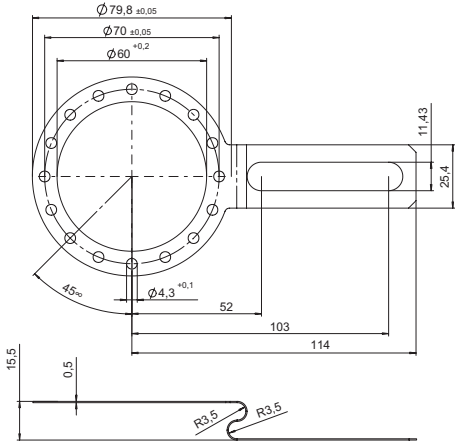

Fixing components for hollow shaft encoders		For encoders up to $\varnothing 58$ mm	Details
Dimensions / Details		Dimensions in mm [inch]	Order no.
Torque stop set, rigid 			<p><i>Scope of delivery:</i></p> <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws M3x6 mm [M3 x 0.24"] for fixing to the encoder <p><i>Connection to application:</i></p> <ul style="list-style-type: none"> - 1 cylindrical pin 8.0010.4049.0075 (not supplied) <p><i>Max. permissible shaft connection tolerances:</i></p> <ul style="list-style-type: none"> - Axial offset < ± 0.25 mm - Radial offset < ± 0.20 mm - Angular offset < 1°
Cylindrical pin (replacement) 			<p>suitable for: torque stop 8.0010.4051.00FS</p>

Accessories

Fixing components for hollow shaft encoders		For encoders > ø 58 mm	Details
Dimensions / Details	Dimensions in mm [inch]	Order no.	
Spring element, short 		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - Spring element (stainless steel) - 2 screws for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - Cylindrical pin (8.0010.4700.0003) (not supplied) 	8.0010.4J00.0000
Spring element, long 		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - Spring element (stainless steel) - 2 screws for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - Cylindrical pin (8.0010.4700.0003) (not supplied) 	8.0010.4K00.0000
Cylindrical pin, long with fastening thread 		suitable for spring element short (8.0010.4J00.0000) and long (8.0010.4K00.0000)	8.0010.4700.0003
Torque stop, short 		<i>Scope of delivery:</i> <ol style="list-style-type: none"> Fastening arm (stainless steel) <ul style="list-style-type: none"> - 3 screws for fixing to the encoder <i>Connection to application:</i> <ol style="list-style-type: none"> Hexagonal nut 3/8 - 16 UNC Washer (isolating) Hexagonal screw 3/8 16 UNC x 1" Washer D10.4 x 15 x 15 (supplied) 	8.0010.4T00.0000 ¹⁾


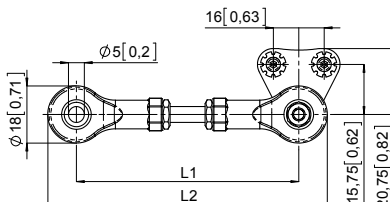
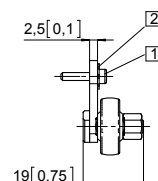

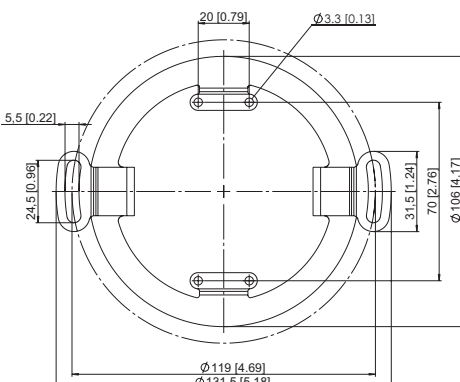
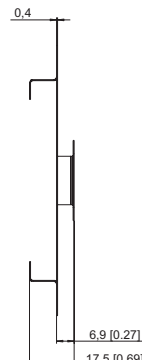
1) Stock types

Accessories




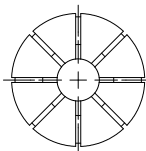
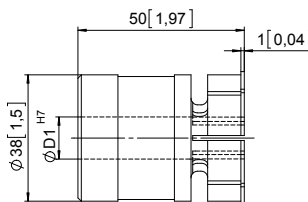
Fixing components for hollow shaft encoders		For encoders > ø 58 mm		Details															
Dimensions / Details		Dimensions in mm [inch]		Order no.															
<div>Torque stop, long</div> <div></div>		<div></div>		<div>Scope of delivery:</div> <div><ul style="list-style-type: none">- Fastening arm (stainless-steel)- 3 screws for fixing to the encoder</div> <div>Connection to application:</div> <div><ul style="list-style-type: none">- 1 screw (not supplied)</div>		<div>8.0010.4E00.0000 ¹⁾</div>													
<div>Tether arm, long</div> <div></div>		<table><tr><th>Tether arm</th><th>L1</th><th>L2</th></tr><tr><td>70 mm [2.76]</td><td>64 ... 74 [2.51 ... 2.91]</td><td>82 ... 92 [3.23 ... 3.62]</td></tr><tr><td>100 mm [3.93]</td><td>94 ... 104 [3.70 ... 4.09]</td><td>112 ... 122 [4.41 ... 4.80]</td></tr><tr><td>150 mm [5.91]</td><td>144 ... 154 [5.67 ... 6.06]</td><td>162 ... 172 [6.38 ... 6.77]</td></tr></table>		Tether arm	L1	L2	70 mm [2.76]	64 ... 74 [2.51 ... 2.91]	82 ... 92 [3.23 ... 3.62]	100 mm [3.93]	94 ... 104 [3.70 ... 4.09]	112 ... 122 [4.41 ... 4.80]	150 mm [5.91]	144 ... 154 [5.67 ... 6.06]	162 ... 172 [6.38 ... 6.77]	<div>Scope of delivery:</div> <div><ul style="list-style-type: none">- Tether arm- For fixing to the encoder:</div> <div><div>1</div> 2 cap screws M2.5 x 6 [0.24]</div> <div><div>2</div> 2 lock washers</div> <div>Connection to application:</div> <div><ul style="list-style-type: none">- 1 screw (not supplied)</div>		<div>8.0010.40S0.0000</div> <div>8.0010.40T0.0000</div> <div>8.0010.40U0.0000</div>	
Tether arm	L1	L2																	
70 mm [2.76]	64 ... 74 [2.51 ... 2.91]	82 ... 92 [3.23 ... 3.62]																	
100 mm [3.93]	94 ... 104 [3.70 ... 4.09]	112 ... 122 [4.41 ... 4.80]																	
150 mm [5.91]	144 ... 154 [5.67 ... 6.06]	162 ... 172 [6.38 ... 6.77]																	
<div></div>																			

1) Stock types


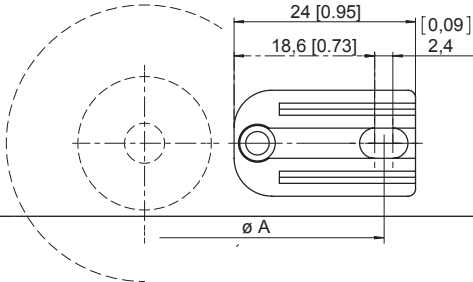
Accessories

Fixing components for hollow shaft encoders		For encoders > ø 58 mm		Overview
Dimensions / Details		Dimensions in mm [inch]		Order no.
Tether arm, long		Tether arm	L1	L2
		70 mm [2.76]	64 ... 74 [2.51 ... 2.91]	82 ... 92 [3.23 ... 3.62]
		100 mm [3.93]	94 ... 104 [3.70 ... 4.09]	112 ... 122 [4.41 ... 4.80]
		150 mm [5.91]	144 ... 154 [5.67 ... 6.06]	162 ... 172 [6.38 ... 6.77]
		<p>Scope of delivery:</p> <ul style="list-style-type: none">- Tether arm- For fixing to the encoder:<ul style="list-style-type: none">1 2 cap screws M2,5 x 12 [0.47]2 2 lock washers <p>Connection to application:</p> <ul style="list-style-type: none">- 1 screw (not supplied)		
		 		
Stator coupling				
	 			
		<p>Scope of delivery:</p> <ul style="list-style-type: none">- Stator coupling (stainless steel)- 4 screws for fixing to the encoder <p>Connection to application:</p> <ul style="list-style-type: none">- 2 screws (not supplied)		
		8.0010.40V0.0000		

Accessories

Fixing components for hollow shaft encoders		For encoders > ø 58 mm	Overview																												
Dimensions / Details		Dimensions in mm [inch]	Order no.																												
Protective cover 		<p>For applications with a very high degree of pollution, Kübler now offers a protective cover for</p> <ul style="list-style-type: none">Improved reliabilityExtension of the service life of the encoder <p>Scope of delivery:</p> <ul style="list-style-type: none">Protective coverFastening arm (8.0010.4T00.0000)3 screws for fixing to the encoder	8.0010.40Y0.0001																												
Tapered shaft mounting kit for A02H with hollow shaft, ø 38 mm [1.50"] 		<p>For use in upgrading for tapered shaft mounting. Tapered shafts are used for high-precision direct coupling.</p> <p>An isolation insert is also included in the mounting kit; this reliably protects the encoder from shaft currents.</p> <p>Included in the set:</p> <ul style="list-style-type: none">Insert for cone blind hole, cone 1:10, 17 mm [0.67"] lengthIsolation insertAllen screw for central fixing	8.0010.4028.0000																												
Isolation insert for hollow shaft, ø 38 mm [1.50"] Temperature range -40°C ... +115°C [-40°F ... +239°F]   		<p>ø D1:</p> <table><tr><td>12 mm [0.47"]</td><td>8.0010.4091.0000</td></tr><tr><td>14 mm [0.55"]</td><td>8.0010.4027.0000</td></tr><tr><td>15 mm [0.59"]</td><td>8.0010.4038.0000</td></tr><tr><td>16 mm [0.63"]</td><td>8.0010.4019.0000</td></tr><tr><td>18 mm [0.71"]</td><td>8.0010.4080.0000</td></tr><tr><td>20 mm [0.79"]</td><td>8.0010.4011.0000</td></tr><tr><td>25 mm [0.98"]</td><td>8.0010.4012.0000</td></tr><tr><td>30 mm [1.18"]</td><td>8.0010.4016.0000</td></tr><tr><td>32 mm [1.26"]</td><td>8.0010.4015.0000</td></tr><tr><td>1/2"</td><td>8.0010.4013.0000</td></tr><tr><td>5/8"</td><td>8.0010.4070.0000</td></tr><tr><td>3/4"</td><td>8.0010.4090.0000</td></tr><tr><td>1"</td><td>8.0010.4050.0000</td></tr><tr><td>1 1/4"</td><td>8.0010.4060.0000</td></tr></table>	12 mm [0.47"]	8.0010.4091.0000	14 mm [0.55"]	8.0010.4027.0000	15 mm [0.59"]	8.0010.4038.0000	16 mm [0.63"]	8.0010.4019.0000	18 mm [0.71"]	8.0010.4080.0000	20 mm [0.79"]	8.0010.4011.0000	25 mm [0.98"]	8.0010.4012.0000	30 mm [1.18"]	8.0010.4016.0000	32 mm [1.26"]	8.0010.4015.0000	1/2"	8.0010.4013.0000	5/8"	8.0010.4070.0000	3/4"	8.0010.4090.0000	1"	8.0010.4050.0000	1 1/4"	8.0010.4060.0000	
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Isolation insert for hollow shaft, ø 42 mm [1.65"]		<p>external diameter 42 mm [1.65"] / internal diameter 38 mm [1.50"]</p> <p>external diameter 42 mm [1.65"] / internal diameter 12 mm [0.47"]</p>	8.0010.4017.0000 8.0010.4029.0000																												

Accessories

Fixing components for hollow shaft encoders		For encoders up to \varnothing 58 mm	Details
Dimensions / Details	Dimensions in mm [inch]	Order no.	
Spring element, short 		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - spring element (plastic) - 1 screw for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - cylindrical pin (8.0010.4700.0000) (not supplied) 	8.0010.4H00.0000
Spring element, long 		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - spring element (plastic) - 1 screw for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - cylindrical pin (8.0010.4700.0000) (not supplied) 	8.0010.4I00.0000
Cylindrical pin, long with fastening thread		suitable for spring element short (8.0010.4H00.0000) and long (8.0010.4I00.0000)	8.0010.4700.0000
Torque stop, short		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - 1 screw (not supplied) 	8.0010.40M0.0000
Torque stop, medium		<i>Scope of delivery:</i> <ul style="list-style-type: none"> - Fastening arm (stainless steel) - 3 screws for fixing to the encoder <i>Connection to application:</i> <ul style="list-style-type: none"> - 1 screw (not supplied) 	8.0010.40E0.0000