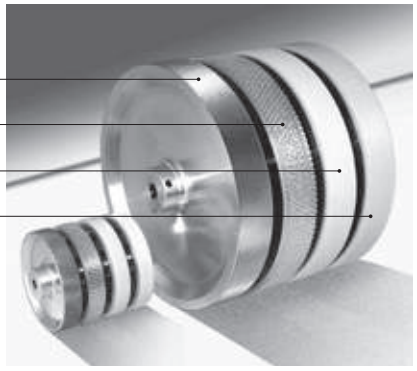
Length measuring kits
Measuring wheels

Various wheel coatings



Measuring wheels for measuring the length of products in movement, e.g. in the paper, metal, textile, wood or plastic industry.

Various tyres to meet the requirements of the various surfaces of the product to be measured – various diameters, designed for use with Kübler encoders, available for metric and imperial systems.

Selection of the measuring wheel profile according to the surface of the measured material

Surface of the measured material	**Recommended profile no.**
Cardboard	**1, 2, 3, 4, 5**
Wood	**1, 2, 3 4, 5**
Textile	**1, 2, 3, 4**
Plastic (e.g. PVC, PE, ...)	**2, 3, 4, 5**
Paper	**2, 3, 4, 5**
Wire, greased metals, steel profiles, leather	**2**
Carpet, cables, nonwoven	**3**
Greased metals, glass, floor coverings	**4**
Painted surfaces	**2, 4**
Rubber, soft plastic	**1**

Please note:

If a measuring wheel is mounted directly on the shaft of a rotary encoder, the pressure force between the measuring wheel and measured material should not exceed the radial shaft load listed in the data sheet of the encoder.

In addition, the measuring wheels can only be used for in-house purposes which are not subject to the stipulations of the German calibration code.

Order code
Measuring wheels

8.0000	.	3	XXX (a)	.	00	XX (b)

Measuring wheel Circumference / ø / width	Profile measuring wheels (s.o.)	Coating	*Wheel No.* (a)	Weight	*Standard bore* (b) 1)	Material of wheel body	Working temperature
0.2 m / ø 63.7 mm / 12 mm [7.87" / ø 2.51" / 0.47"]	**1**	diamond knurl (aluminium)	**217**	60 g [2.12 oz]	**06** = 6 mm [0.24"] **10** = 10 mm [0.39"]	aluminium	-30°C ... +80°C [-22°F ... +176°F]
	2	plastic (polyurethane) smooth	**247**	60 g [2.12 oz]			
	3	tufted rubber (polyurethane)	**267**	60 g [2.12 oz]			
	4	plastic (polyurethane) corrugated	**297**	60 g [2.12 oz]			
0.5 m / ø 159.2 mm / 25 mm [19.69" / ø 6.27 / 0.98"]	**1**	diamond knurl (aluminium)	**517**	775 g [27,34 oz]	**10** = 10 mm [0.39"]	aluminium	-30°C ... +80°C [-22°F ... +176°F]
	2	plastic (polyurethane) smooth	**547**	700 g [24,69 oz]			
	3	tufted rubber (polyurethane)	**567**	700 g [24,69 oz]			
	4	plastic (polyurethane) corrugated	**597**	700 g [24,69 oz]			
12" / ø 3.82" / 0.38"	**5**	natural rubber (NR) smooth	**751**	100 g [3,53 oz]	**10** = 10 mm [0.39"]	aluminium	-30°C ... +80°C [-22°F ... +176°F]

1) Other bore diameters on request

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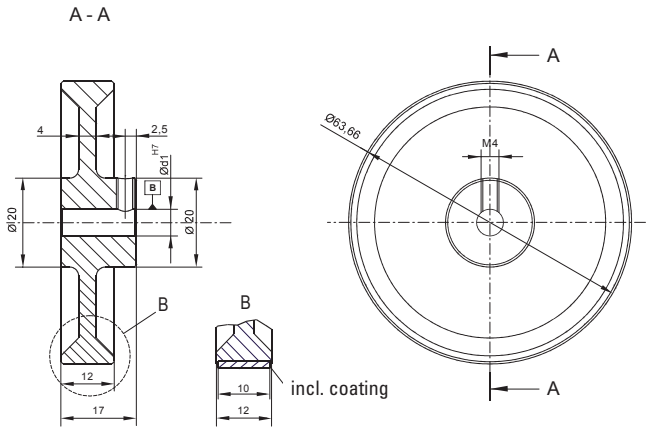
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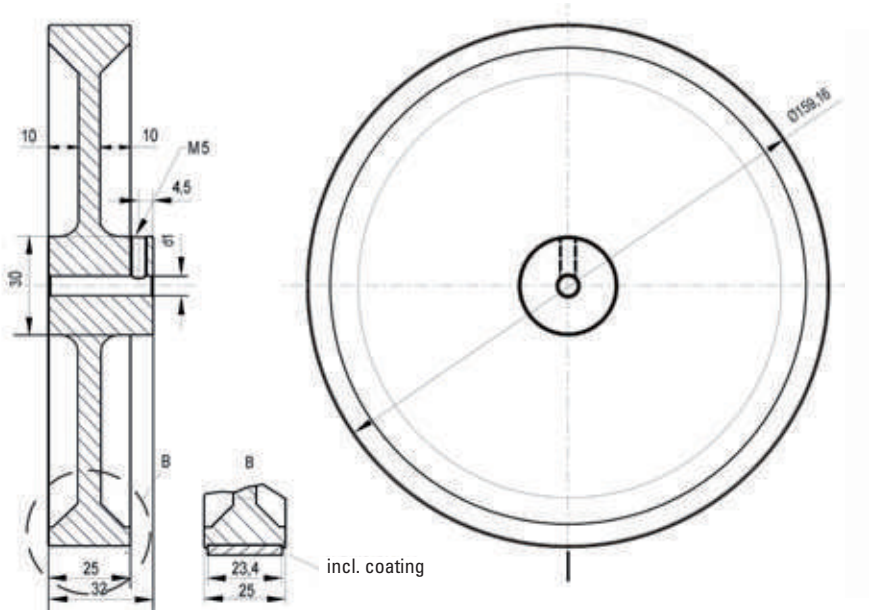
Dimensions

Dimensions in mm [inch]

Measuring wheel No. 2XX



Measuring wheel No. 5XX



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