



## Useful accessories: Spot drilling collars for compressed air pipes

If there is no measuring site with 1/2" ball valve present it can be set up by means of spot drilling collars.

The spot drilling collar is imposed onto the pipe and tightened via thread rods. The enveloping rubber gasket is pressure-tight up to 10 bar. By means of the drilling jig it is possible to drill through the 1/2" ball valve into the existing pipe.

Important: Please indicate the exact outer diameter of the existing pipe when placing the order resp. please select the suitable spot drilling collar from the adjoining list.



Spot drilling collar

Description	DN	Order no.
Spot drilling collar for pipe Ø 032 - 036 mm, Length: 100 mm*		0500 0446
Spot drilling collar for pipe Ø 036 - 040 mm, Length: 100 mm*		0500 0448
Spot drilling collar for pipe Ø 040 - 044 mm, Length: 150 mm*		0500 0449
Spot drilling collar for pipe Ø 044 - 051 mm, Length: 200 mm*		0500 0610
Spot drilling collar for pipe Ø 048 - 055 mm, Length: 200 mm*	40	0500 0611
Spot drilling collar for pipe Ø 052 - 059 mm, Length: 200 mm*		0500 0612
Spot drilling collar for pipe Ø 057 - 064 mm, Length: 200 mm*	50	0500 0613
Spot drilling collar for pipe Ø 063 - 070 mm, Length: 200 mm*		0500 0614
Spot drilling collar for pipe Ø 070 - 077 mm, Length: 200 mm*	65	0500 0615
Spot drilling collar for pipe Ø 075 - 083 mm, Length: 200 mm*		0500 0616
Spot drilling collar for pipe Ø 082 - 090 mm, Length: 200 mm*		0500 0617
Spot drilling collar for pipe Ø 087 - 097 mm, Length: 200 mm*	80	0500 0618
Spot drilling collar for pipe Ø 095 - 104 mm, Length: 200 mm*		0500 0619
Spot drilling collar for pipe Ø 102 - 112 mm, Length: 200 mm*		0500 0620
Spot drilling collar for pipe Ø 108 - 118 mm, Length: 200 mm*	100	0500 0621
Spot drilling collar for pipe Ø 118 - 128 mm, Length: 200 mm*		0500 0622
Spot drilling collar for pipe Ø 125 - 135 mm, Length: 200 mm*		0500 0623
Spot drilling collar for pipe Ø 133 - 144 mm, Length: 200 mm*	125	0500 0624
Spot drilling collar for pipe Ø 145 - 155 mm, Length: 250 mm*		0500 0625
Spot drilling collar for pipe Ø 151 - 161 mm, Length: 250 mm*	150	0500 0626
Spot drilling collar for pipe Ø 159 - 170 mm, Length: 250 mm*		0500 0627
Spot drilling collar for pipe Ø 168 - 180 mm, Length: 250 mm*		0500 0628
Spot drilling collar for pipe Ø 180 - 191 mm, Length: 250 mm*	175	0500 0629
Spot drilling collar for pipe Ø 193 - 203 mm, Length: 300 mm*		0500 0630
Spot drilling collar for pipe Ø 200 - 210 mm, Length: 300 mm*		0500 0631
Spot drilling collar for pipe Ø 209 - 220 mm, Length: 300 mm*	200	0500 0632

\*inkl. 1/2" Kugelhahn

\*not applicable for copper and plastic piping

## Thickness meter CS 0495



The entry of the correct inner diameter is essential for an accurate consumption measurement.

The thickness meter CS 0495 enables a quick, easy and accurate measurement of the wall thickness of pipes. So the determination of the inner diameter becomes very easy.

### Technical data CS 0495

<b>Meas. range:</b>	1.5...200 mm, 0.06...8 Inch
<b>Meas. principle:</b>	ultrasonic
<b>Measured materials:</b>	steel, cast iron, aluminium, copper, brass, zinc, quartz glass, polyethylene, PVC, grey iron, nodular cast iron
<b>Calibration block:</b>	included in shipment
<b>Resolution:</b>	0.1 mm
<b>Accuracy:</b>	± (0.5 % n + 0.1)
<b>Power supply:</b>	4 x 1.5 V AA (UM-3) batteries
<b>Dimensions:</b>	160 x 68 x 32 mm
<b>Weight:</b>	208 g

Description	Order No.
Thickness meter CS 0495 including case and calibration block	0560 0495