

Inch Reading Thickness Gauges

Considering frame execution and contact points, Inch Reading Dial Thickness Gauges conform to the metric models. This also applies to the M 3 thread of the Dial Gauges which is the same as in the metric models of Thickness Gauges. The contact points are interchangeable between metric and inch models.

Inch Reading Dial Thickness Gauges differ from the models illustrated in the catalogue for metric reading

only by the scale division in inch and the scale marking.

Thickness Gauges bearing the additional ,D' in their designation possess a digital indicating instrument.

The display can be selected to be either metric or inch and therefore these instruments are listed in the table of metric models, too.

Technical data for Inch Reading Thickness Gauges

Model	Reading inch	Range inch	Depth of jaw inch	Lifting device	Contact points standard	Contact points available on request
KZ 15	.005	.400	.600	no	6.35 mm Ø flat	} 10 mm Ø flat, convex or spherical
KZ 15/2	.005	.800	.600	no	6.35 mm Ø flat	
JZ 12	.001	.300	.500	yes	6.35 mm Ø flat	spherical
JZ 15	.001	.400	.700	yes	6.35 mm Ø flat	} 10 mm Ø flat, convex or spherical
JZ 45	.001	.400	1.800	yes	6.35 mm Ø flat	
JZ 50	.001	.400	2.000	no	c	a, b, d or e
JZ 50 with lifting device	.001	.400	2.000	yes	c	a, b, d or e
JD 50 with lifting device	.0005	.500	2.000	yes	c	a, b, d or e
JZ 50 R	.001	.200	2.000	yes	rollers	
JZ 50 R without side discs	.001	.200	2.000	yes	rollers without side discs	
JD 50 W	.0005	.500	2.000	yes	pin with collar for pipe walls	
JZ 100	.001	.400	4.000	yes	c	a, b, d or e
JD 100	.0005	.500	4.000	yes	c	a, b, d or e
JZ 200	.001	.400	8.000	yes	c	a, b, d or e
JD 200	.0005	.500	8.000	yes	c	a, b, d or e
JD 200/25	.0005	1.000	8.000	yes	c	a, b, d or e
FZ 1101/30	.00005	.040	1.200	yes	6.35 mm Ø flat	convex R 15 or R 40, flat 10 mm Ø, spherical
FD 50 with lifting device	.00005	.500	2.000	yes	c	a, b, d or e
FD 50/25	.00005	1.000	2.000	yes	c	a, b, d or e
FD 100/25	.00005	1.000	4.000	yes	c	a, b, d or e
FD 200/25	.00005	1.000	8.000	yes	c	a, b, d or e

The contact points listed in the column ,standard' will be mounted unless the order calls for specials. Dial Thickness Gauges can be supplied with contact points listed in the column ,available on request' without extra costs. Schematic diagrams of the contact points style a, b, c, d and e can be found on page 117.

Pocket Dial Thickness Gauge KZ 15

The Pocket Dial Thickness Gauge KZ 15 is supplied with flat contact points 6.35 mm Ø if no other form of contact points is ordered. When ordering, please state whether you require another form of contact points than 6.35 mm Ø flat.

The model KZ 15/2 differs from the model KZ 15 only by the to .800" extended measuring range.

Pocket Dial Thickness Gauge KZ 15	
Reading	.005"
Range	.400"
Range per revolution	.400"
Depth of jaw	.600"
Accuracy according to	manufacturing standard 0.0500.9.0004, hysteresis fu however not checked
Standard contact point	6.35 mm Ø flat
Optional contact points	10 mm Ø flat, convex or spherical



Pocket Dial Thickness Gauge JZ 15

The Pocket Dial Thickness Gauge JZ 15 distinguishes itself distinctly by its up to date and ergonomical design.

The Pocket Dial Thickness Gauge JZ 15 is equipped with plastic insulating plates. It is supplied in a convenient box with transparent lid.

The Pocket Dial Thickness Gauge JZ 45 is of similar design except for the jaw depth of 45 mm.

Pocket Dial Thickness Gauge JZ 15	
Reading	.001"
Range	.400"
Range per revolution	.100"
Depth of jaw	.700"
Accuracy according to	DIN 878 hysteresis fu however not checked
Standard contact point	6.35 mm Ø flat
Optional contact points	10 mm Ø flat, convex or spherical



At rest the contact points on models KZ 15 and KZ 15/2 are open. Pushing the button on top of the instrument brings them together.

The contact points are in contact when the Pocket Dial Thickness Gauges JZ 15 and JZ 45 are not in use. The serrated lifting wheel opens them for the insertion of the component. The size can be easily read off the scale. The instruments can be zeroed by using the knurled adjusting bezel.

Standard contact points 6.35 mm Ø will be supplied unless otherwise stated on the order. Optional contact points are available on request. The type of the contact point does not affect the price of the Pocket Dial Thickness Gauges. Please note that the contact points are not interchangeable.