

Accessories for Inch Dial Test Indicators

Stems with dovetail



2.4807 Ø 1/4" h6



2.4806 Ø 3/8" h6



2.4816 Ø 8 mm h6,
swivelling range ± 40°

Contact points thread M 1.6 length .450"



5.2287 Tungsten carbide ball Ø 2 mm, L = .476"



5.2288 Tungsten carbide ball Ø 1 mm, L = .457"



5.2289 Tungsten carbide ball Ø 3 mm, L = .496"

Contact points thread M 1.6 length 1.400"



5.2290 Tungsten carbide ball Ø 2 mm, L = 1.429"



5.2291 Tungsten carbide ball Ø 1 mm, L = 1.409"



5.2292 Tungsten carbide ball Ø 3 mm, L = 1.449"

Contact points thread M 1.6 length .490"



5.2293 Tungsten carbide ball Ø 2 mm, L = .511"



5.2294 Tungsten carbide ball Ø 1 mm, L = .492"



5.2295 Tungsten carbide ball Ø 3 mm, L = .531"

Centering Holder FH 8

Stem Ø 8 mm h6
with mounting bore Ø 4 mm H7 and dovetail clamp
Additional mounting bore Ø 8 mm H7



Round Holder FH 90

8 mm Ø x 90 mm
with mounting bore Ø 8 mm H7
and dovetail clamp



Square Holder 1.0958

6 x 12 x 72 mm
with mounting bore Ø 4 mm H7
and Ø 8 mm H7 and dovetail clamp



Spanner 3.1483



Magnetic Holder P 18

with vertically and horizontally adjustable swivel arm

Its extremely low overall height and simple handling make the Magnetic Holder P 18 very versatile for use in the manufacturing and tool making industry. Two round magnets on the contact face make it a flat and efficiently holding base. The use of star knobbed screws ensure safe clamping.

Delivery: without Dial Gauge

Magnetic Holder P 18	
Length of the magnetic base	73 mm
Height of the magnetic base	11 mm
Height with holder	46 mm
Breadth of the magnetic base	38 mm
Magnetic force	180 N
Length of swivel arm up to holder opening	35 mm
Holder opening	8 mm H7



Magnetic Holder P 19

with vertically and horizontally adjustable swivel arm

The support of the Dial Gauge can be rotated both vertically and horizontally, so that the Dial Gauge can be brought to any position. For that reason there are many possibilities of use. The Magnetic Holder P 19 has a prismatic base with additional magnets on the wall. The use of star knobbed screws ensure safe clamping.

Delivery: without Dial Gauge

Magnetic Holder P 19	
Length of the magnetic base	72 mm
Height of the magnetic base	26 mm
Height with holder	59 mm
Breadth of the magnetic base	37 mm
Magnetic force	180 N
Length of swivel arm up to holder opening	35 mm
Holder opening	8 mm H7



Small Dial Gauge KM 4 T Magnet

with magnetic back

The Dial Gauges KM 4 T Magnet and M 2 T Magnet have a magnetic back. These Dial Gauges therefore don't require any stands or holders.

The magnets are made of sintered metal which can in no way affect the mechanism or the accuracy of the Dial Gauges. Magnetic back plates can also be used on other Dial Gauges of our manufacturing programme.

Spindle and stem are made of resistant stainless steel.

Small Dial Gauge KM 4 T Magnet with magnetic back	
Reading	0.01 mm
Range	3 mm
Range per revolution	0.5 mm
Bezel-Ø	40 mm
Stem-Ø	8 h 6
Accuracy according to	DIN 878
Initial measuring force	0.8 N ± 20%
Magnetic force of the back	120 N



Dial Gauge M 2 T Magnet

with magnetic back

Dial Gauge M 2 T Magnet with magnetic back	
Reading	0.01 mm
Range	10 mm
Range per revolution	1 mm
Bezel-Ø	58 mm
Stem-Ø	8 h 6
Accuracy according to	DIN 878
Initial measuring force	0.7 N ± 20%
Magnetic force of the back	220 N



Magnetic Stand P 17 and 3D – Magnetic Stand P 280

with on/off switch and fine adjustment

Magnetic Base PMF 10

The magnetic base PMF 10 with thread M 10 has a prismatic base. It securely holds on any flat or cylindrical, iron or steel surface. The magnet is activated by turning the toggle handle. Turning the handle to the 0 position switches the magnet off, turning it to the 1 position switches the magnet on. The magnetic force is 450 N.

Post and Support Arm

Assemblies MS 280 and MS 17

The fine adjustment feature of the Post and Support Arm Assemblies MS 280 and MS 17 guarantees safe and accurate measuring.

The Post and Support Arm Assemblies MS 17 for the P 17 are also available as special version with 400 resp. 500 mm height of the vertical column or with 300 mm long horizontal arm.

Scope or supply P17 and P 280

The Magnetic Stands P 17 and P 280 are supplied completely mounted with Magnetic Base.

Post and Support Arm Assemblies and the Magnetic Base are separately available.

A wooden box is supplied at an extra charge.

Delivery: without Dial Gauge

Magnetic Stand P 17	
Length of the magnetic base	70 mm
Height of the magnetic base	65 mm
Breadth of the magnetic base	46 mm
Magnetic force	450 N
Length of the horizontal arm	180 mm
Diameter of the horizontal arm	16 mm
Fine adjustment	yes
Length of the vertical column	220 mm
Diameter of the vertical column	16 mm
Holder opening	8 mm H7

Magnetic Stand P 280	
Length of the magnetic base	70 mm
Height of the magnetic base	65 mm
Breadth of the magnetic base	46 mm
Magnetic force	450 N
On / off switch	yes
Operating range	280 mm
Fine adjustment	yes
Locking system	mechanical
Features a	mechanical central lock
Holder opening	8 mm H7

The Magnetic Stand P 17 can also be supplied with a holder opening of 10 mm H7: Order text: P 17 (10 H 7).



Precision Measuring Tables P 7 and P 7K

The Precision Measuring Tables P 7 and P 7K are sturdily built and accurately finished. Their surface plates are separated from the main body resting on three support points.

The carrying arm is adjustable for height on the vertical column. The column is hardened and ground.

Precision Measuring Table P 7K	
Measuring capacity	100 mm
Depth of throat	50 mm
Column-Ø	22 mm
Base-Ø	50 mm
Material of the base	ceramic AL ₂ O ₃ 99.7%
Roughness Ra	≤ 0.1 mm
Flatness of the base	< 1.0 µm
Holder opening	8 mm H7

Precision Measuring Table P 7	
Measuring capacity	100 mm
Depth of throat	50 mm
Column-Ø	22 mm
Base-Ø	50 mm
Material of the base	steel
Base	hardened, ground and lapped
Flatness of the base	< 4.0 µm
Holder opening	8 mm H7



Model shown: P 7

On request the Measuring Table P 7 is also available with special fittings:

- **Measuring Table P 7**
with fluting
- **Measuring Table P 7**
with measuring ball Ø = 30 mm
- **Measuring Table P 7**
with measuring height of 165 mm
- **Measuring Table P 7**
with measuring height of 215 mm
- **Measuring Table P 7**
with measuring height of 315 mm
- **Measuring Table P 7**
with circular support plate of Ø 80 mm
- **Measuring Table P 7**
with circular support plate of Ø 90 mm
- **Measuring Table P 7**
with adjustable support plate for use as base
for table-thickness gauges

Delivery without Dial Gauge.

Other Measuring Tables with different heights, support plates and in special versions are available on request.

Saw Setting Dial Gauge

with dial on both sides

The advantages of having a correctly set saw for all sawing work are well known. By using a Saw Setting Dial Gauge any specified set for various kinds of timber can be exactly maintained, thus ensuring maximum output and efficient workmanship.

The method of measuring could not be simpler. The Gauge is laid on the saw blade so that the sprung tracer touches the cutting edges of the saw. The pointer gives instant reading of the measurement. As the Gauge has a dial on both sides, it can be used either left or right handed.

Saw Setting Dial Gauge with dial on both sides with contact point and stand rods made from steel	
Reading	0.1 mm
Range	2 mm
Range per revolution	1 mm
Bezel-Ø	40 mm
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

Saw Setting Dial Gauge H with dial on both sides with contact point and stand rods made from carbide	
Reading	0.1 mm
Range	2 mm
Range per revolution	1 mm
Bezel-Ø	40 mm
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

As standard Saw Setting Dial Gauges are supplied with a flat contact point 10 mm diameter. Please indicate in your order text if one of the optional contact points is needed. Please note that the contact points are not interchangeable.

On request the Saw Setting Dial Gauges are also available with 0.01 mm reading instead of 0.1 mm reading. Order text: Saw Setting Dial Gauge – 0.01 mm or Saw Setting Dial Gauge H – 0.01 mm.



Standard version



Model B



Model C

Saw Setting Dial Gauge Z

inch reading with dial on both sides

The advantages of having a correctly set saw for all sawing work are well known. By using a Saw Setting Dial Gauge any specified set for various kinds of timber can be exactly maintained, thus ensuring maximum output and efficient workmanship.

The method of measuring could not be simpler. The Gauge is laid on the saw blade so that the sprung tracer touches the cutting edges of the saw. The pointer gives instant reading of the measurement. As the Gauge has a dial on both sides, it can be used either left or right handed.

Saw Setting Dial Gauge Z with dial on both sides with contact point and stand rods made from steel	
Reading	.001"
Range	.080"
Range per revolution	.040"
Bezel-Ø	1 9/16"
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

Saw Setting Dial Gauge HZ with dial on both sides with contact point and stand rods made from carbide	
Reading	.001"
Range	.080"
Range per revolution	.040"
Bezel-Ø	1 9/16"
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

As standard Saw Setting Dial Gauges Z and HZ are supplied with a flat contact point 10 mm diameter. Please indicate in your order text if one of the optional contact points is needed. Please note that the contact points are not interchangeable.



Model C



Model B



Standard version

Saw Setting Dial Gauge K 2/61

metric reading with dial on both sides with stand feet at right angel to the dial

The advantages of having a correctly set saw for all sawing work are well known. By using a Saw Setting Dial Gauge any specified set for various kinds of timber can be exactly maintained, thus ensuring maximum output and efficient workmanship.

The stand feet at right angle to the dial allow a very safe positioning of the Saw Setting Dial Gauge and thus an even more reliable measurement.

Saw Setting Dial Gauge K 2/61 with dial an both sides with stand feet at right angel to the dial	
Reading	0.1 mm
Range	2 mm
Range per revolution	1 mm
Bezel-Ø	40 mm
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

Saw Setting Dial Gauge Z K 2/61

inch reading with dial on both sides with stand feet at right angel to the dial

Saw Setting Dial Gauge Z K 2/61 with dial on both sides with stand feet at right angel to the dial	
Reading	.001"
Range	.080"
Range per revolution	.040"
Bezel-Ø	1 9/16"
Tolerance indicator	on both sides
Dial	on both sides for left or right handed use
Standard contact point	flat Ø 10 mm
Optional contact points, available on request:	
Model B, special contact point	pointed
Model C, special contact point	flat Ø 4.8 mm
Special contact point	spherical

As standard Saw Setting Dial Gauges K 2/61 and Z K 2/61 are supplied with a flat contact point 10 mm diameter. Please indicate in your order text if one of the optional contact points is needed. Please note that the contact points are not interchangeable.

Other special versions of Saw Setting Dial Gauges and of Saw Setting Dial Gauges Z are available on request:

- **Saw Setting Dial Gauge**
with short case to drawing K 2/42
- **Saw Setting Dial Gauge**
with supporting plate to drawing K 2/43

- **Saw Setting Dial Gauge Z**
with short case to drawing K 2/42
- **Saw Setting Dial Gauge Z**
with supporting plate to drawing K 2/43



Dial Depth Gauge TM 5 R

with matt chromed measuring base

The base is matt chromed, hardened and lapped.

The metal collet attachment guarantees reliable fixing of the Dial Gauge. An additional internal hexagon screw makes exchanging the Dial Gauge easier.

The back plunger Dial Gauge provides a very easy reading of this model of Dial Depth Gauge: The Gauge can be read from the top.

Dial Depth Gauge TM 5 R	
Reading	0.01 mm
Range	5 mm
Range per revolution	0.5 mm
Bezel-Ø	40 mm
Base dimensions	80 x 16 mm
Accuracy to	manufacturing standard 0.0500.9.0006 hysteresis fu however not checked
Dial numbering	anti-clockwise



Spare Dial Gauge for TM 5 R

with contact point 537/21-L 13

The Spare Dial Depth Gauge for TM 5 R is supplied with contact point 573/21-L13, but without the base.

The contact point 573/21-L13 with a length of 13 mm is also available as a spare part. The article number is 62360.

Spare Dial Gauge for TM 5 R	
Reading	0.01 mm
Range	5 mm
Range per revolution	0.5 mm
Bezel-Ø	40 mm
Stem-Ø	8 h 6
Accuracy to	manufacturing standard 0.0500.9.0006 hysteresis fu however not checked
Dial numbering	anti-clockwise

Bases for Dial Depth Gauges



For the Dial Depth Gauges, 5 bases are available with the following dimensions:

Base TB 50	50 x 16 mm
Base TB 80	80 x 16 mm
Base TB 100	100 x 16 mm
Base TB 120	120 x 20 mm
Base TB 150	150 x 20 mm

The bases are interchangeable. Each base has a bore of 8 mm Ø H7. It is matt chromed and hardened. The contact face is lapped. The metal collet attachment guarantees reliable fixing of the Dial Gauges.

Dial Depth Gauge TM/2

with matt chromed measuring base

The base is matt chromed, hardened and lapped.

The metal collet attachment guarantees reliable fixing of the Dial Gauge. An additional internal hexagon screw makes exchanging the Dial Gauge easier.

The Dial Depth Gauge TM/2 is supplied completely mounted with base TB 80 and the 10 mm long contact point 573/21.

Dial Depth Gauge TM/2	
Reading	0.01 mm
Range	10 mm
Range per revolution	1 mm
Bezel-Ø	58 mm
Base dimensions	80 x 16 mm
Accuracy according to	DIN 878
	hysteresis fu however not checked
Dial reading	anti-clockwise



Model shown: TM/2

Inch Dial Depth Gauge TZ/2

with matt chromed measuring base

The Dial Depth Gauge TZ/2 bears the same technical features as the model TM/2 except for the reading of .001".

The pointed insert 573/13 is of the same overall length as the standard contact point 573/21. It is suitable for measuring the depth of an engraving.

Spare Dial Depth Gauges are supplied with contact points 573/21, but without base.

Dial Depth Gauge TZ/2	
Reading	.001"
Range	.400"
Range per revolution	.100"
Bezel-Ø	58 mm
Base dimensions	80 x 16 mm
Accuracy according to	DIN 878
	hysteresis fu however not checked
Dial reading	anti-clockwise

Bases for Dial Depth Gauges



For the Dial Depth Gauges, 5 bases are available with the following dimensions:

Base TB 50	50 x 16 mm
Base TB 80	80 x 16 mm
Base TB 100	100 x 16 mm
Base TB 120	120 x 20 mm
Base TB 150	150 x 20 mm

The bases are interchangeable. Each base has a bore of 8 mm Ø H7. It is matt chromed and hardened. The contact face is lapped. The metal collet attachment guarantees reliable fixing of the Dial Gauges.

Dial Depth Gauge TM 2/30

with matt chromed measuring base

The concentric millimetre pointer allows easy and safe reading of the Dial Depth Gauge TM 2/30. It is supplied completely mounted with contact point 573/21 and base TB 80.

Spare Dial Depth Gauges are supplied with contact points 573/21, but without base.

Dial Depth Gauge TM 2/30	
Reading	0.01 mm
Range	30 mm
Range per revolution	1 mm
Bezel-Ø	58 mm
Base dimensions	80 x 16 mm
Accuracy according to	manufacturing standard 1.0200.9.0014
	hysteresis fu however not checked
Dial reading	anti-clockwise



Inch Dial Depth Gauge TZ 2/30

with matt chromed measuring base

The Dial Depth Gauge TZ 2/30 bears the same technical features as the model TM 2/30 except for the reading of .001".

Extensions are suitable accessories for Dial Depth Gauges. They are available in lengths from 10 to 100 mm and from .400" to 4.000". Please take note of the range of products on pages 90 and 91 of our catalogue.

Dial Depth Gauge TZ 2/30	
Reading	.001"
Range	1.000"
Range per revolution	.100"
Bezel-Ø	58 mm
Base dimensions	80 x 16 mm
Accuracy analogous to	manufacturing standard 1.0200.9.0014
	hysteresis fu however not checked
Dial reading	anti-clockwise

Special Bases for Dial Depth Gauges



Due to its prismatic form the Base TB 66 P is particularly suited for measurements on tubes with a diameter of 10 – 100 mm.

Bases for Dial Depth Gauges with flat bearing surfaces are available in the following dimensions:

Base TB 200	200 x 20 mm
Base TB 250	250 x 20 mm
Base TB 300	300 x 25 mm

All Bases have a bore Ø of 8 mm H 7. The Bases are burnished and the measuring contact surface is ground very finely. Bases with special lengths are available on request.

Digital Depth Gauge TMD 12

with matt chromed measuring base and digital display

The base is matt chromed, hardened and lapped.

The metal collet attachment guarantees reliable fixing of the Dial Gauge. An additional internal hexagon screw makes exchanging the Dial Gauge easier.

The Digital Depth Gauge TMD 12 is supplied completely mounted with base TB 80 and the 12 mm long contact point 573/18 with a ball Ø of 1 mm.

Digital Depth Gauge TMD 12	
Resolution	0.01 mm / .0005"
Range	12.5 mm / .5"
Power supply	on Lithium battery 3V
Battery life	8000 h
Output	RS 232 or USB
Working temperature	+5 °C up to + 40 °C
Maximum error	20 µm



Model shown: TMD 12

Digital Depth Gauge TMD 25

with matt chromed measuring base and digital display

The Digital Depth Gauge TMD 25 bears the same technical features as the model TMD 12 except for the range of 25 mm.

Both models can be set to Inch-display, their resolution is then .0005".

Spare Digital Depth Gauges are supplied with contact points 573/18, but without base.

Digital Depth Gauge TMD 25	
Resolution	0.01 mm / .0005"
Range	25 mm / 1.00"
Power supply	on Lithium battery 3V
Battery life	8000 h
Output	RS 232 or USB
Working temperature	+5 °C up to + 40 °C
Maximum error	20 µm

Bases for Digital Depth Gauges



For the Digital Depth Gauges, 5 bases are available with the following dimensions:

Base TB 50	50 x 16 mm
Base TB 80	80 x 16 mm
Base TB 100	100 x 16 mm
Base TB 120	120 x 20 mm
Base TB 150	150 x 20 mm

All bases have a bore Ø of 8 mm H7. They are mutually interchangeable. The bases are matt chromed and hardened. Their support faces are lapped. The metal collet attachment guarantees reliable fixing of the Dial Gauges.

SPECIAL MEASURING GAUGES



Tyre Depth Gauge PTM

with round base

By means of the Tyre Depth Gauge PTM the tread depth of vehicle tyres can be accurately measured.

The method of measuring is very simple. The Gauge with its round Base is placed on the tyre so that the spindle with the contact point at its end enters into the tread of the tyre. The pointer gives instant reading of the measurement.

The red extent of tolerance from 1.6 to 0 mm indicates that the tread depth of the tyre is too small.

Reading 0.1 mm
Range..... 10.0 mm



JKA FEINTASTER Precision Gauge

with contact jaws

This special measuring instrument has been specially designed for the watchmaker. The contact jaws and the adjustable measuring table makes it possible to measure accurately and easily the thickness and run out of spigots and shafts.

Reading 0.01 mm
Range..... 10.0 mm



Distance Measuring Gauge Quickmess

with integrated measuring stops Ø 1, 3 and 5 mm

Due to its integrated measuring stop, Quickmess eliminates the need of a special inspection room when measuring small parts with small diameters and a maximum length of 30 mm. For the measuring operation, the specimen is inserted into the measuring stop. It pushes the measuring insert upwards. The stop limits the stroke of the spindle to the distance that requires measurement.

The Distance Measuring Gauge Quickmess is also available as a large version, with integrated measuring stops choice of Ø from 8 mm to 20 mm.

Reading 0.01 mm
Range..... 30.0 mm

Please request our offers.