

Dial Test Indicator 420 Series

Features

- Automatic reversal of measuring direction
- High precision fully jewelled bearings
- Rotating dial
- Two dovetail clamps
- Carbide points
- Styli Length: 12mm / 1/2"



MW420-04

METRIC: Dial Test Indicator 420 Series

Code No	Range (mm)	Graduation (mm)	Dial Reading	Dial Diameter (mm)
MW420-03	0.8	0.01	0-40-0	25
MW420-04	0.8	0.01	0-40-0	37

IMPERIAL: Dial Test Indicator 420 Series

Code No	Range (inch)	Graduation (inch)	Dial Reading	Dial Diameter (inch)
MW420-03I	0.030	0.0005	0-15-0	1
MW420-04I	0.030	0.0005	0-15-0	1 1/2

METRIC: Dial Test Indicator 421 Series

Code No	Range (mm)	Graduation (mm)	Dial Reading	Dial Diameter (mm)
MW421-01	0.2	0.002	0-100-0	25
MW421-02	0.2	0.002	0-100-0	37

IMPERIAL: Dial Test Indicator 421 Series

Code No	Range (inch)	Graduation (inch)	Dial Reading	Dial Diameter (inch)
MW421-01I	0.008	0.0001	0-4-0	1
MW421-02I	0.008	0.0001	0-4-0	1 1/2

METRIC: Dial Test Indicator 422 Series

Code No	Range (mm)	Graduation (mm)	Dial Reading	Dial Diameter (mm)
MW422-01	1.6	0.01	0-40-0	37

IMPERIAL: Dial Test Indicator 422 Series

Code No	Range (inch)	Graduation (inch)	Dial Reading	Dial Diameter (inch)
MW422-01I	0.060	0.0005	0-15-0	1 1/2

Dial Test Indicator Accessories



Universal Holder



Contact Points



Dovetail Stem

DIAL TEST INDICATOR ACCESSORIES

Code No	Description	Code No	Description
MW-Z40010	Universal Holder	MW-Z40016	Contact point 1/2" length, 0.040" steel ball
MW-Z40012	Contact point 12mm length, 1mm steel ball	MW-Z40018	Contact point 1/2" length, 0.120" carbide ball
MW-Z40013	Contact point 12mm length, 2mm carbide ball	MW-Z40020	Dovetail stem 4mm damping diameter
MW-Z40014	Contact point 12mm length, 3mm carbide ball	MW-Z40022	Dovetail stem 8mm damping diameter

Dial Indicator 400 Series

MW400-02



MW400-03



MW400-04



MW400-05



MW400-06



MW400-06B



MW400-08



MW400-09



Features

Standard: DIN 878

- Satin-chromed body
- With tungsten carbide measuring contact
- With double dial indicator for measuring mm stroke
- Shockproof
- Micron versions are jewelled
- Adjustable bezel with stop screw
- Packed in foam box

DIAL INDICATOR

Code No	Range (mm)	Resolution (mm)	Dial Diameter	Description
MW400-01	0-1.0	0.001	58mm	Flat back
MW400-02	0-1.0	0.001	58mm	Lug back
MW400-03	0-3.0	0.01	42mm	Lug back and flat back
MW400-04	0-5.0	0.01	42mm	Lug back
MW400-05	0-10.0	0.01	58mm	Flat back
MW400-06	0-10.0	0.01	58mm	Ear back
MW400-06B	0-10.0	0.01	54mm	Waterproof
MW400-08	0-30.0	0.01	58mm	Lug back
MW400-09	0-50.0	0.01	58mm	Lug back

Dial Indicator 401 Series

Features

Standard: ANSI B89.1.10

- Aluminium body
- With Tungsten carbide measuring tip
- Adjustable bezel with stop screw
- Tolerance indicators
- Lug back (flat back is optional)



MW401-01



MW401-02



MW401-05

DIAL INDICATOR

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Bezel Diameter	Stem Diameter	Description
MW401-01	-	0-0.5	-	0.001	58mm	3/8" spindle dia.	Lug back
MW401-02	-	0-1.0	-	0.001	58mm	3/8" spindle dia.	Lug back
MW401-05	0-25.0	0-1.0	0.01	0.001	60mm	8mm spindle dia.	Lug back

Digital Indicator 405 Series

Features

Standard: Factory Standard

- Direct Inch / Metric conversion
- 58mm dial face
- Lugback and 8mm stem mountings
- Resolution 0.01mm / 0.0005"
- Absolute / Incremental reading
- Floating Zero
- Also supplied with flatback



DIGITAL INDICATOR

Code No	Range (mm)	Range (inch)	Accuracy (mm)	Accuracy (inch)
MW405-04DB	0-12.7	0-0.5	0.02	0.0008
MW405-06DB	0-25.0	0-1.0	0.03	0.0012

Digital Indicator 410 Series

Features

- Functions: mm/inch conversion, Min/Max, ABS/INC, Preset, Tolerance
- 8mm/H7 clamping diameter
- Resolution 0.001mm / 0.00005"
- Floating Zero
- Analogue Display



DIGITAL INDICATOR

Code No	Range (mm)	Range (inch)	Accuracy (mm)	Accuracy (inch)
MW410-02DF	0-12.7	0-0.5	0.008	0.0003

Digital Indicator 415 Series

Features

- Large LCD display
- Resolution 0.001mm / 0.00005"
- 8mm stem mounting
- Functions: mm/inch conversion, ABS/INC, Preset
- Floating zero



DIGITAL INDICATOR

Code No	Range (mm)	Range (inch)	Accuracy (mm)	Accuracy (inch)
MW415-01	0-12.5.0	0-0.5	0.004	0.00015
MW415-02	0-25.0	0-1	0.005	0.0002
MW415-03	0-30.0	0-1.2	0.005	0.0002
MW415-04	0-50.0	0-2	0.006	0.00025

Digital Absolute Indicator 430-DABS Series

Features

- Absolute Measuring System
- RS232 Digimatic output
- CR2032 battery
- 8mm/H7 clamping diameter
- Supplied with lugback and flat back
- Functions: tolerances, mm/inch conversion, Preset, data-output
- IP54 rated



DIGITAL ABSOLUTE INDICATOR

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Accuracy (mm)	Accuracy (inch)
MW430-01DABS	12.5	0.5	0.001	0.00005	0.004	0.0002
MW430-02DABS	25.4	1.0	0.001	0.00005	0.005	0.00025
MW430-03DABS	50.8	2.0	0.001	0.00005	0.006	0.0003

DATA CABLE

Code No	Description
MW-Y100/700USB	Data Cable-USB to suit all DABS products

Lifting Type Thickness Gauge 455 Series

Features

Standard: Factory Standard

- For quick measurement of thickness
- Dial indicator for accurate value reading
- Parallelism of the measuring surfaces 0.004mm



MW455-15



MW455-25

LIFTING TYPE THICKNESS GAUGE

Code No	Range (mm)	Note	Resolution (mm)
MW455-15	0-10	Throat Depth - 0-10mm	0.01
MW455-25	0-10	Throat Depth - 0-30mm	0.01
MW455-35	0-10	Throat Depth - 0-120mm	0.01

Lifting Type Digital Thickness Gauge 455 Series

Features

Standard: Factory Standard

- For quick measurement of thickness
- Modern design
- Functions: mm/inch conversion, on/off, zero-setting, battery low indication
- Parallelism of the measuring surfaces <math><0.004\text{mm}</math>



LIFTING TYPE DIGITAL THICKNESS GAUGE

Code No	Range (mm)	Note	Resolution (mm)
MW455-15D	0-10	Throat Depth - 0-30mm	0.01
MW455-25D	0-10	Throat Depth - 0-120mm	0.01

Comparator Stands

Features

- Hard chrome column
- Table surface is lapped
- One piece bracket for high rigidity and constant parallelism
- Adapter hole for dial gauge 8mm H7



BOWERS COMPARATOR STANDS

Code No	Range (mm)	Overhang (mm)	Weight	Measuring Table Area	Type	Note
MW498-05	110	70	12kg	98 x 98mm	Threaded Column	Indicator sold separately

Magnetic Indicator Stand 470 Series

Features

- Basic type
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators with or without lug on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Extra rigid



MAGNETIC INDICATOR STAND

Code No	Description
MW470-01	ON/OFF Magnetic

Magnetic Indicator Stand 475 Series

Features

- Features fine adjustment
- With powerful on / off magnetic base
- Magnetic force 80Kg / 175lbs
- Universal model which can be used for indicators with or without lug on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Extra rigid



MAGNETIC INDICATOR STAND

Code No	Description	Type
MW475-01	ON/OFF Magnetic	Fine Adjustment

Magnetic Snake Stand 496 Series

Features

- Corrosion resistant chrome plated flex arm
- Magnetic force 40kg / 85lbs
- Holds rigidly in almost any position
- V -base for mounting on rounded surfaces



MAGNETIC SNAKE STAND

Code No	Description	Type
MW496-01	Snake Stand	Mechanical Lock

Magnetic Hydraulic Stand 485 Series

Features

- Features a unique hydraulic central lock for all arms and swivel positions
- Super solid model
- With fine adjustment
- With powerful on/off magnetic base
- Magnetic force 80Kg / 175lbs
- Universal model which can be used for indicators with or without lug on back plate
- Accepts dial test indicators, digital indicators and normal indicators
- Dovetail groove for clamping a dial test indicator
- Super rigid



MAGNETIC HYDRAULIC STAND

Code No	Description	Type
MW485-01	ON/OFF Magnetic	Hydraulic lock, dovetail groove

Magnetic Articulating Stand 477 Series

Features

- Versatile magnetic base that can be adjusted in almost unlimited ways
- With fine adjustment
- 30kg clamp force
- V -base for mounting on rounded surfaces



MAGNETIC ARTICULATING STAND

Code No	Description	Type
MW477-01	Articulating arm magnetic base	Fine Adjustment

Mini Magnetic Base 497 Series

Features

- 1 universal ball socket
- Microfine adjustment screw
- Dovetail mounting
- Chuck adapter



MINI MAGNETIC BASE

Code No	Description
MW497-01	Mini mag base
MW497-SET1	Mini mag base with MW420-04 DTI

Magnetic Base and Indicator Set

Features

- Combined set for extra value
- Includes MW475-01 magnetic base with fine adjustment and MW400-06 0-10mm/0.01mm dial indicator



MAGNETIC BASE AND INDICATOR SET

Code No	Description
MW475-SET1	Magnetic base with MW400-06 dial indicator

Magnetic Base and Indicator Set

Features

- Combined set for extra value
- Includes MW475-01 magnetic base with fine adjustment and MW405-04DB 0-12.5mm/0.01mm digital indicator



MAGNETIC BASE AND INDICATOR SET

Code No	Description
MW475-SET2	Magnetic base with MW405-04DB digital indicator