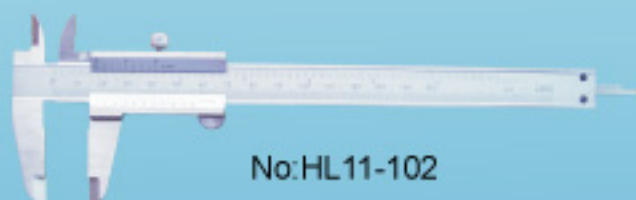




## Calipers





No:HL11-102

Range:0-300mm

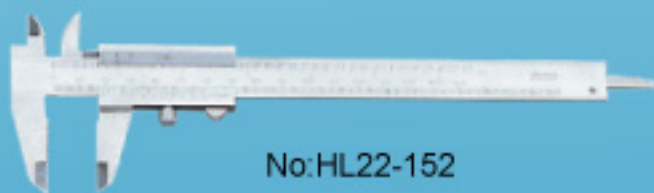
Upper lock vernier caliper



No:HL31-152

Range:0-300mm

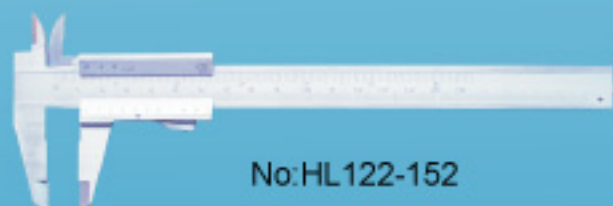
Upper lock vernier caliper



No:HL22-152

Range:0-300mm

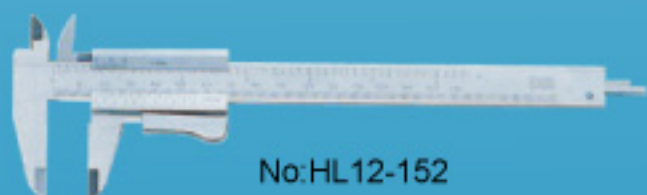
Lower lock vernier caliper



No:HL122-152

Range:0-300mm

Self-locking vernier caliper



No:HL12-152

Range:0-300mm

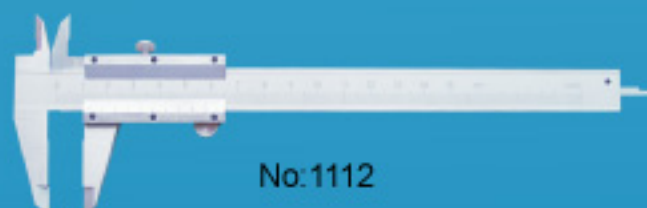
Self-locking vernier caliper



No:1111

Range:0-300mm

Auto Lock vernier caliper



No:1112

Range:0-300mm

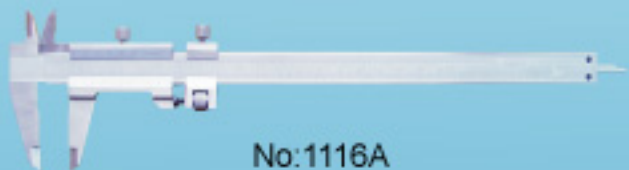
Auto Lock vernier caliper



No:1116

Range:0-300mm

Bottom Clamping vernier caliper



No:1116A

Range:0-300mm

Fine Adjustment vernier caliper



No:1127

Range:0-3000mm

Heavy duty mono-block vernier caliper



No:1120A

Range:0-3000mm

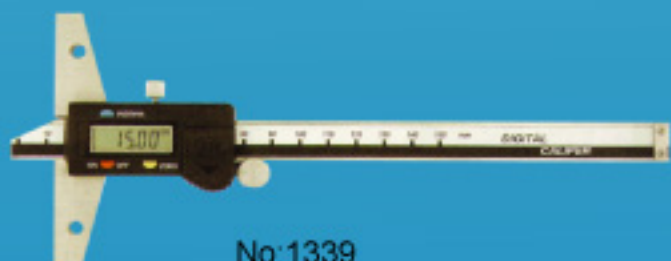
Vernier Caliper with Fine Adjustment



No:1121A

Range:0-3000mm

Mono-Block Vernier Caliper with Fine Adjustment



No:1339

Range:0-300mm

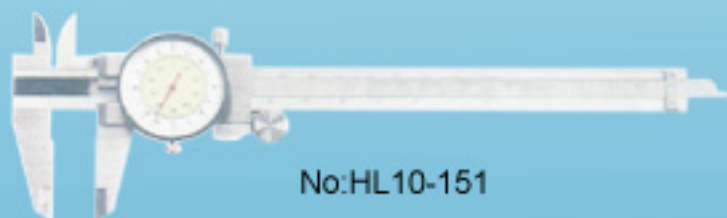
Digital depth gauges



No:1140

Range:0-75mm

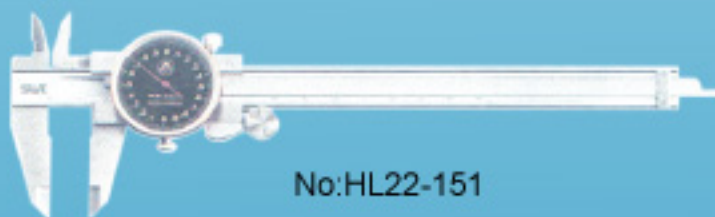
Verniers depth gauges



No:HL10-151

Range:0-300mm

dial caliper



No:HL22-151

Range:0-300mm

dial caliper



No:HL21-151

Range:0-300mm

dial caliper



No:1218

Range:0-150mm

dial caliper



01



02



03



04



05



06

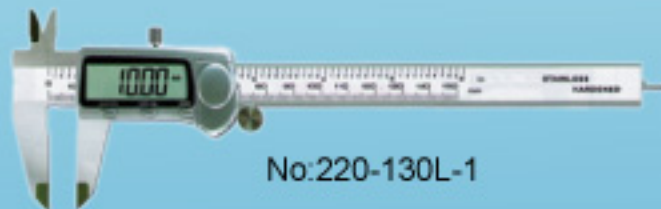




No.220-100-1

Range:0-600mm

Metal-housing digital caliper



No.220-130L-1

Range:0-600mm

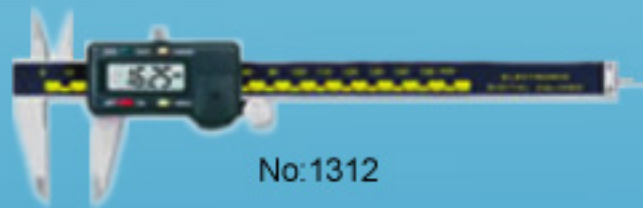
Metal-housing digital caliper



No.210-130L-14

Range:0-300mm

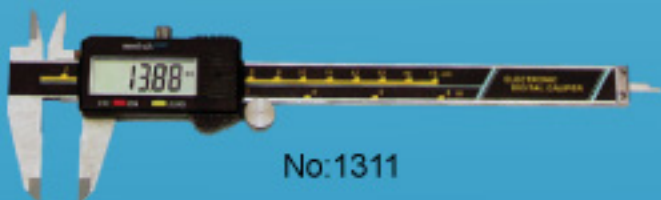
Solar digital caliper



No.1312

Range:0-1000mm

Metal-housing digital caliper



No.1311

Range:0-1000mm

Metal-housing digital caliper



No.1321

Range:0-1000mm

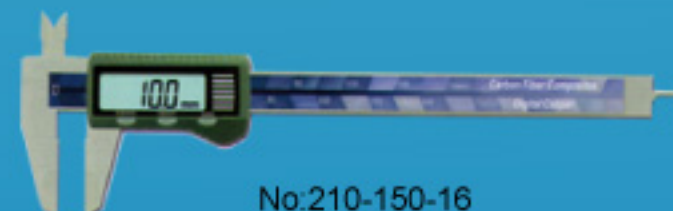
Metal-housing digital caliper



No.1314

Range:0-1000mm

Metal-housing digital caliper



No.210-150-16

Range:0-150mm

Carbon Fiber digital caliper



No: YLE104

Range: 2-20mm  
Universal Thread Gauge



No: YLC01

Range: 0-36mm  
Wire Gauges



No: YLC03

Range: 1-7mm  
Radius Gauges



No: 1102

Range: 200-300mm  
stainless steel available



No: 11102

Range: 150-300mm  
External Firm Joint Caliper



No: 11104

Range: 150-300mm  
External Firm Joint Caliper



No: 1889

Size: 50-1000mm  
Squares



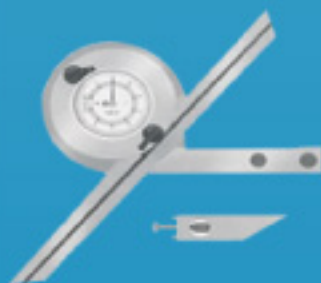
No: 1881

Size: 50-300mm  
Precision edge square



No: YLC04

Range: 7.5-15mm  
Radius Gauges



No: 1871

Range: 0-360mm  
Dial Universal Protractors



No: 1872

Range: 0-320mm  
Dial Universal Protractors



No: 1873

Range: 0-180mm  
Dial Universal Protractors



## Micrometers







No:al1596  
Range:0-300mm  
Point Micrometers



No:al1595  
Range:0-100mm  
Outside Micrometers



No:al1600  
Range:0-100mm  
Digital Micrometers



No:al1598  
Range:0-200mm  
Disk micrometers



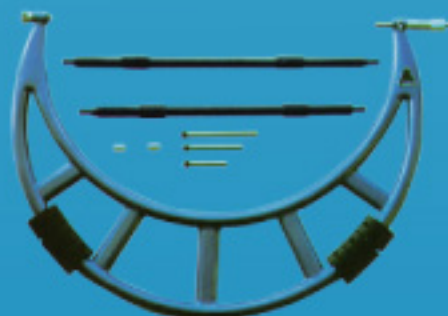
No:1434  
Range:0-100mm  
Electronic outside micrometers



No:1432  
Range:0-200mm  
Electronic outside micrometers



No:1510  
Range:5-200mm  
Inside Micrometers



No:1416F  
Range:0-3000mm  
Micrometers with interchangeable anvils





No:1865  
Range:0-10mm  
Thickness Gauges



No:1866  
Range:0-20mm  
Thickness Gauges



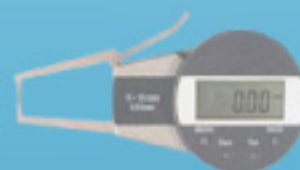
No:1831  
Range:0-50mm  
Inside gauges



No:1861  
Range:0-10mm  
Thickness Gauges



No:1868  
Range:0-20mm  
Thickness Gauges



No:1843  
Range:0-50mm  
Outside gauge



No:1822  
Range:0-1mm  
Dial Test Indicator



No:1814  
Range:0-0.8mm  
Dial Test Indicator



No:1815  
Range:0-0.8mm  
Dial Test Indicator



Nio:1811  
Range:0-30mm  
Dial Indicator



No:1820  
Range:0-25mm  
Dial Indicator



No:1832-2  
Range:0-25mm  
Digital Indicator



No:1150  
Range:0-1000mm  
Height Gauges



No:1250  
Range:0-1000mm  
Height Gauges



No:1350  
Range:0-1000mm  
Digital Height Gauges



No:NJ-04  
Range:6-450mm  
Dial Bore Gauges



No:WXJ-07  
Range:6-450mm  
Dial Bore Gauges



No:SNJ-06  
Range:6-450mm  
Digital Bore Gauges



No:11101  
Work magnetic force :60kg  
Magnetic Base



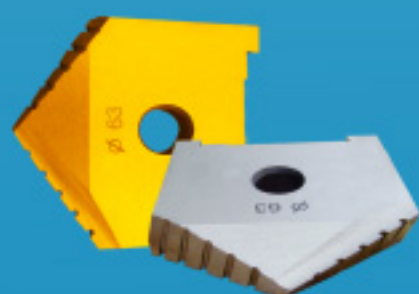
No:11307  
Work magnetic force :100kg  
Magnetic Base



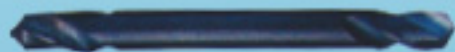
No:11111  
Work magnetic force :60kg  
Magnetic Base



## Drill bits







Double End Body  $\phi$  1/16-1/4

No:2035



Straight Shank twist drills  $\phi$  0.5-13

No:2003



Straight Shank twist drills  $\phi$  0.5-13

No:2007



Straight Shank twist drills  $\phi$  0.5-20

No:2004



extra twist drills  $\phi$  1.6-16  $\phi$  X 150-450mm

No:2015



reduced shank drills  $\phi$  6.6-20

No:2022



Morse Taper Shank Drills  $\phi$  5.0-50

No:2040



Spade drill bits  $\phi$  25.0-44

No:2000





masonry drills,Zinc Plated       $\phi$  3.0-25

No:2061



masonry drills,Black Oxide       $\phi$  3.0-25

No:2062



masonry drills,Tin-Coated       $\phi$  3.0-25

No:2065



masonry drills,high-helix Zine Plated       $\phi$  8.0-25

No:2068



masonry drills,Reduced Shank,Chrome Plated       $\phi$  3.0-25

No:2069



Electric Hammer drills,SDS-Plus Shank       $\phi$  5.0-38

No:2078



Electric Hammer drills,SDS-Plus Shank       $\phi$  5.0-38

No:2072



Electric Hammer drills,SDS-Max Shank       $\phi$  5.0-28

No:2073



No:2082

Wood Working Drill       $\phi$  3.0-40



No:2089

For Hollow Square Shank Drill       $\phi$  6.4-30



No:2083

Bright Flat Bits       $\phi$  8.0-38



No:2084

Tin-Coated Flat Bits       $\phi$  8.0-38



No:2087

Auger Bits       $\phi$  3.0- $\phi$ 36 X 150-240mm



No:2100

Auger Bits       $\phi$  6.0- $\phi$ 38 X 400-600mm



No:2036

Center Drills 1-18



No:2037

Center Drills 1-18



No:2316

Slotting Cutters 30-300



No:2310

Slotting Cutters 30-300



No:2317

Slotting Cutters 30-300



No:SD1101

3-12 up to 20-30

Step Drills with Hss TiAlN



No:SD1102

3-12 up to 6-35

Step Drills with Hss TiN



No:SD1103

3-12 up to 14-24

Step Drills with Hss





No:BL1001

Hss Deburring Tools 6.35-64



No:BL1001

Hss Deburring Tools 4.3-40



No:BL1001

Hss Deburring Tools 15-80



No:EM1000 2.0-45

END MILLS, PARALLER SHANK



No:EM1001 2.0-71

END MILLS, FLATTED SHANK



No:EM1011 8.0-71

SEMI-FINISHING END MILLS



No:EM1004 2.0-25

DOUBLE END MILLS, FLATTED SHANK



No:EM1010 6.0-63

MORSE TAPER SHANK



No:EM1040 6.0-63

END MILLS



No:EM1005 14-63

END MILLS, MORSE TAPER SHANK



No:T1000 5-28mm

STRAIGHT SHANK T TYPE MILLS





DIN376 SPIRAL POINTED TAPS2

No:TP1000 M3x0.5-M52x5



DIN371 SPIRAL POINTED TAPS

No:TP1001 M2x0.4-m10x1.5



HAND STRAIGHT FLUTED TAPS

No:TP1004 M1x0.2-M40x3



DIN374 SPIRAL FLUTED TAPS

No:TP1003 M3x0.35-M52x1.5



DIN352 TAPS

No:TP1017 M1x0.25-M68x6



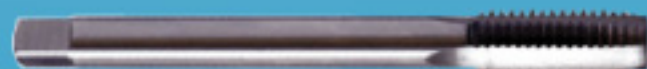
THREAD FORMING TAPS

No:TP1011 M2x0.25-M27x3



HEX SHANK HOLE SAW TAPS

No:TP1032 M3-M10



DIN374/UNF TAPS

No:TP1025 M3x0.35-M52x1.5



TIN COATED TAPS

No:TP101045 M1x0.25-M5052X1.5



JUMPING THREAD TAPS

No:TP1041 1/16-2"



HEX SHANK HOLE SAW TAPS

No:TP1046 1/8-2"



HEX SHANK HOLE SAW TAPS

No:TP1048 1/8-2"



No:2125

Hand wrench M1-M62



No:2137

Machine reamer Dia.3-32mm



No:2124

Hand wrench M1-M52



No:2136

Taper-shank reamer Dia.3-32mm



No:2123

Hand wrench M1-M62



No:2139

Straight-shank reamer Dia.3-32mm



No:2120

Dies M1x0.2-M32x1.5



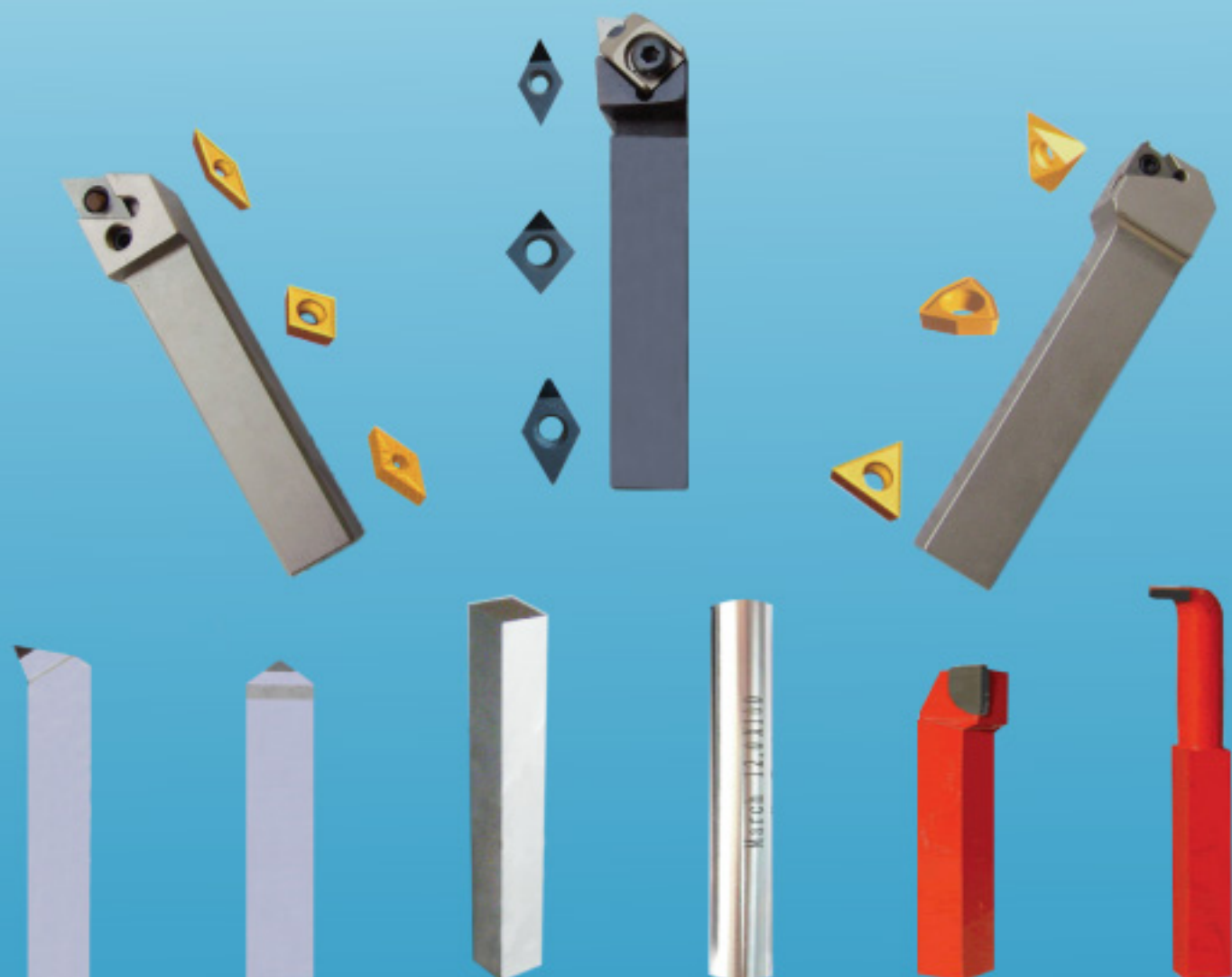
No:2121

Dies M1.6x0.35-M5x0.9

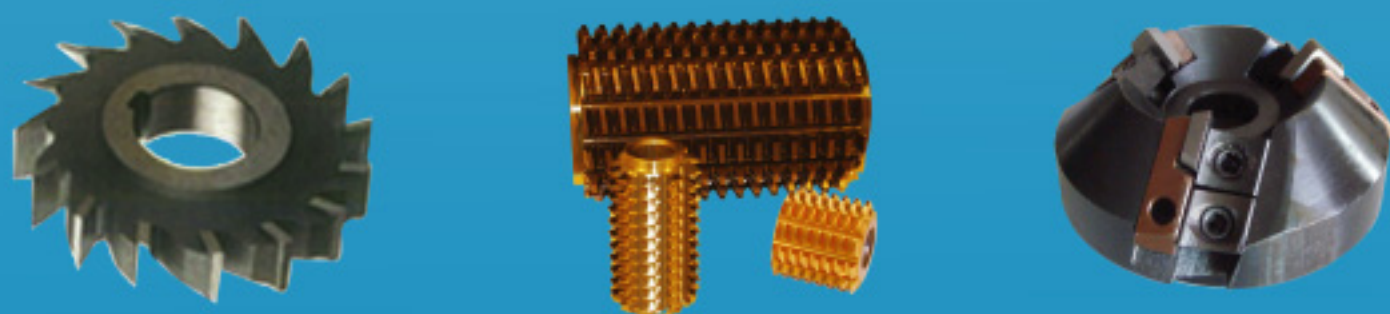


No:2122

Dies M3x0.35-M52x5



## Cutting Tools & Holders





No:2428

Brazed turning tools



No:2422

Brazed turning tools



No:2432

Brazed turning tools



No:2426

Brazed turning tools



No:2432

Brazed turning tools



No:2431

Brazed turning tools



No:2430

Brazed turning tools



No:2427

Brazed turning tools



No:2435

Brazed turning tools



No:2415

Brazed turning tools



No:2417

Brazed turning tools



No:2434

Brazed turning tools





No:2424

Brazed turning tools



No:2425

Brazed turning tools



No:2421

Brazed turning tools



No:2423

Brazed turning tools



No:2416

Brazed turning tools



No:2418

Brazed turning tools



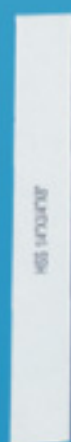
No:2439

Brazed turning tools



No:2440

Brazed turning tools



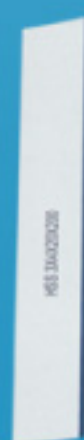
No:TB1001

Square tool bits



No:TB1002

Rectangular tool bits



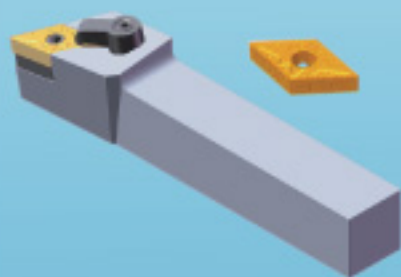
No:TB1003

Trapezoid tool bits



No:TB1004

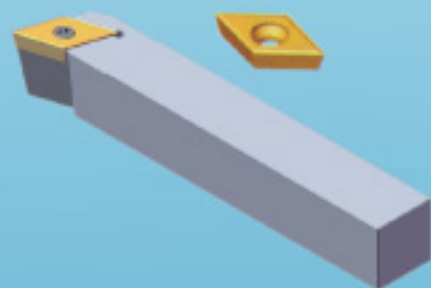
Round tool bits



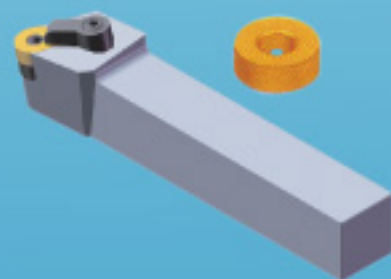
No:MDJNR:2020K15



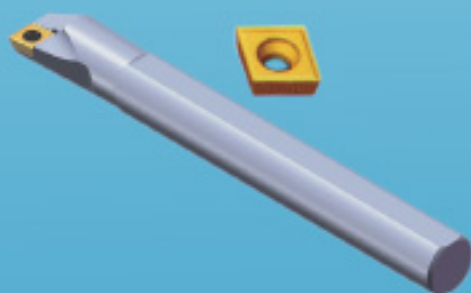
No:S1005H-SWUBR-06



No:SDQCR:1010E07



No:MPG NR:2020K12



No:D0810H-SCLCR-06



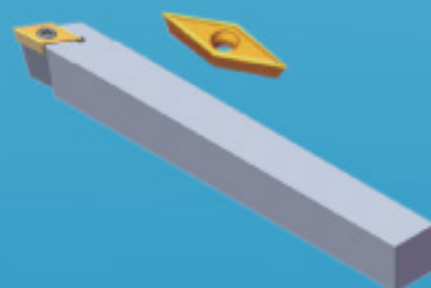
No:TTXR1010K-16F



No:DDPNN:2020K15



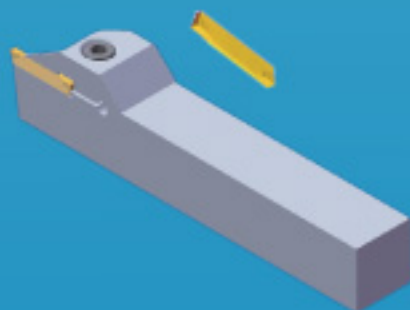
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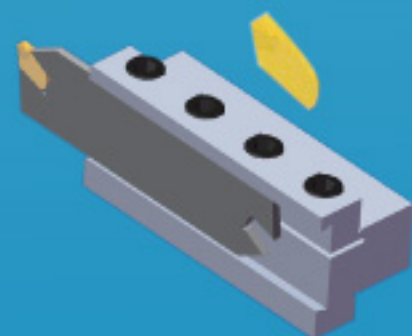
No:SDJCR:0808K07E



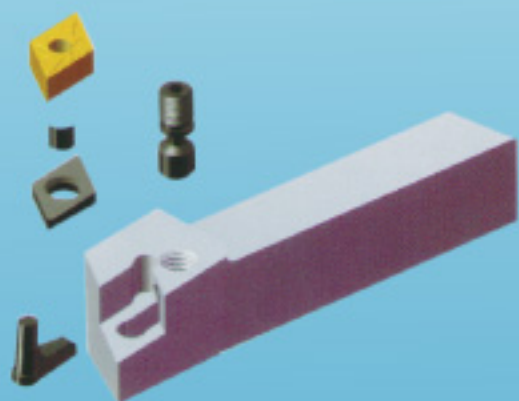
No:SER0808H11



No:TER10-28-WD22-2

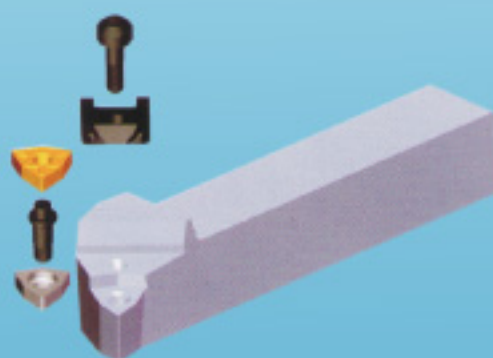


No:TGBN-20-26



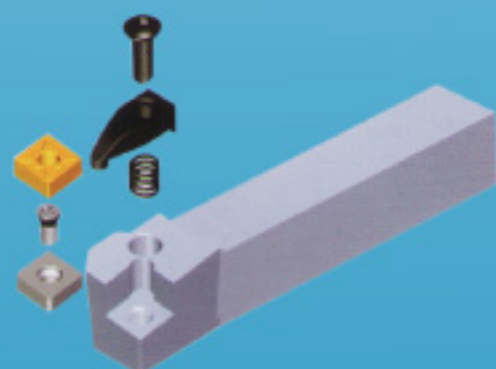
No:TH-1024

TOOLHOLDERS



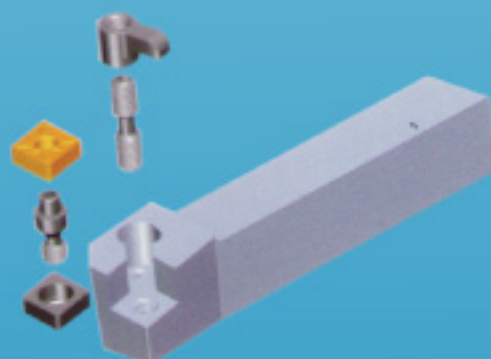
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TOOLHOLDERS



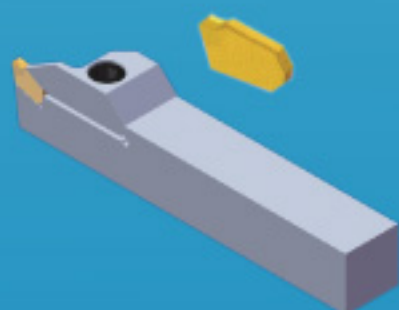
No:TH-1026

TOOLHOLDERS



No:TH-1027

TOOLHOLDERS



No:TER10-28-TGV2

TOOLHOLDERS



No:TTXR1010K-16F

TOOLHOLDERS



No:TTR1010F-16

TOOLHOLDERS



BR-1000

Line Spline Broach



BR-1001

Ring Broach



BR-1002

Rectangular Spline Broach

m 0.5-m 8; Broaching L=10-18-80-120; Max OD=150; Accuracy: 4H 5H 6H 7H

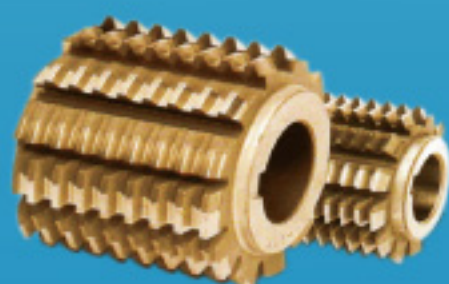


BR-1003



Slot Spline Broach

Key width:2.0-40; L=120; Broaching L=10-18-80-120; Accuracy: D10 JS9 P9 / D4 Dc4 d4



No: BH1002  
Gear Hobs



No: BH1005  
Gear Hobs



No: BH1003  
Gear Hobs

Mod: m0.5-m25; Pressure angle:  $\alpha 20^\circ$ ,  $\alpha 30^\circ$ ,  $\alpha 45^\circ$ ; Accuracy: AA, A, B





No:FM1001

TRP End Mill Holder  $\phi$ 12-80



No:FM1002

TRP End Mill Holder  $\phi$ 10-40



No:FM1003

BAP Rough Mill Holder  $\phi$ 50-100



No:FM1004

Rough End Mill Holder  $\phi$ 50-100



No:FM1005

U Type End Mill Holder  $\phi$ 20-80



No:FM1006

End Mill Holder  $\phi$ 38-100



No:ST1001

Side & Face Cutter Mill  $\phi$ 50-200



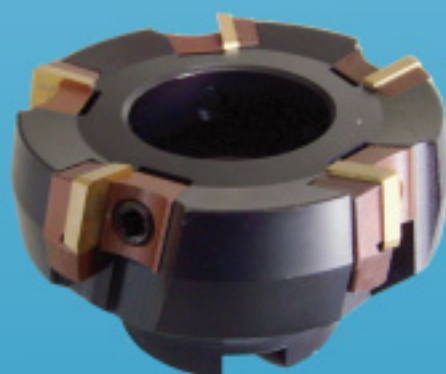
No:FM1010

Indexable Side & Face Mill Cutter  $\phi$ 100-500



No:FM1007

45° Indexable Face Mill Holder  $\phi$ 50-125



No:FM1011

75° Indexable Face Mill Holder  $\phi$ 63-630



No:FM1012

45° Indexable Face Mill Holder  $\phi$ 63-630



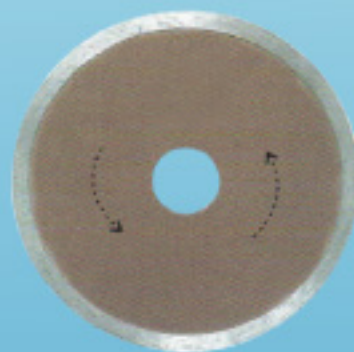
No:FM1013

90° Indexable Face Mill Holder  $\phi$ 63-630



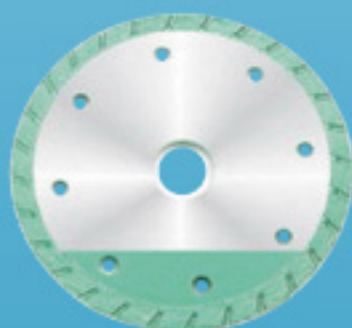
No.DC1001

Segmented Saw Blade 105-350



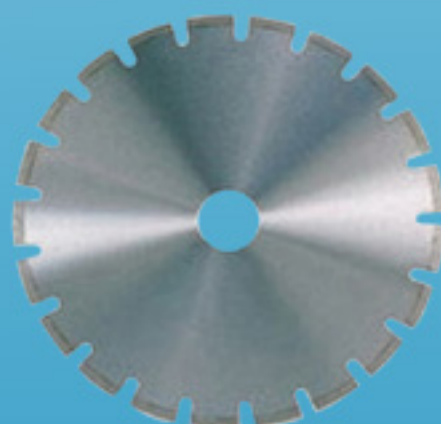
No.WC1001

Segmented Saw Blade 105-350



No:22065

TURBO SAW BLADE 105-350



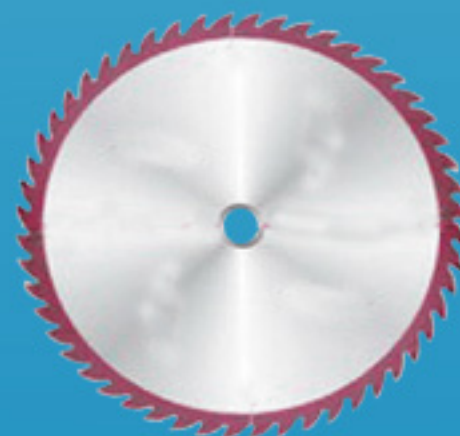
No:2207

BRAZED SAW BLADE 250-1200



No:22119

TCT SAW BLADE 100-660



No:22102

TCT SAW BLADE 100-660





No:HS1011  
Hss Amber Finished 14-80



No:HS1009  
Insert Carbide Blade 14-80



No:HS1010  
Bi - Metal Hole Saw 14-152



No:HS1012  
hss hole saw 14-80



No:HS1013  
Hole Saw Cutter Sets 16-32



No:HS1017  
Hole Saw Cutter Sets 19-75



## Machine Tools





No:3101A  
Keyless Drill Chuck 0.6-6



No:3106A  
Keyless Drill Chuck 1-10



No:3101C  
Keyless Drill Chuck 0.8-10



No:3107E  
Keyless Drill Chuck 0.8-10



No:3101M  
Keyless Drill Chuck 2.0-13



No:3101D  
Keyless Drill Chuck 0.8-10



No:3131  
Keytype Drill Chuck 1.5-13



No:3132  
Keytype Drill Chuck 0.6-6



No:3134  
Keytype Drill Chuck 1.5-10



No:3122A  
Keyless Drill Chuck 1.0-16



No:3151  
Keytype Drill Chuck 1.0-19



No:3152  
Keytype Drill Chuck 1.0-19





No:3400-2

Super rolling center MT1-MT5



No:3400-3

Super rolling center MT2-MT6



No:3401-1

Half-notched center D142-D146



No:3400-1

Super high-speed MT3-MT5



No:3400-5

Medium-load-type MT1-MT6

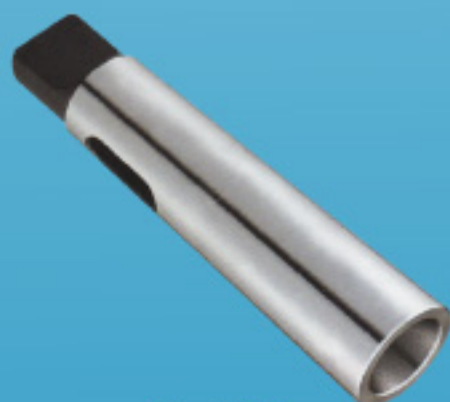


No:3410

Bull nose center D422x85-D422x250



No:3380  
Boring Heads 50-100



No:3210  
R2x1-R6x5  
MORSE TAPER SLEEVES



No:3209  
R1x1-R6x5  
MORSE TAPER SLEEVES



No:3204  
B10-B22/JT0-JT6  
DRILL CHUCK ARBORS



No:3504  
Rotary tables 150-406



No:3500-1

Two-Jaw Self-Centring Chucks 160-320



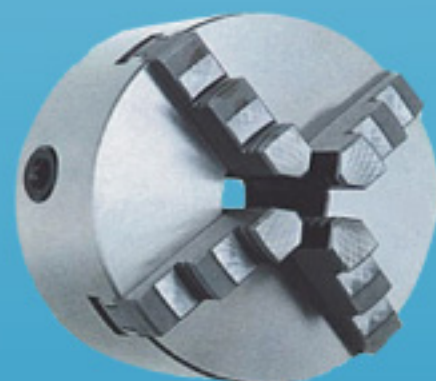
No:3501-1

Three-jaw Self-centring Chucks 160-400



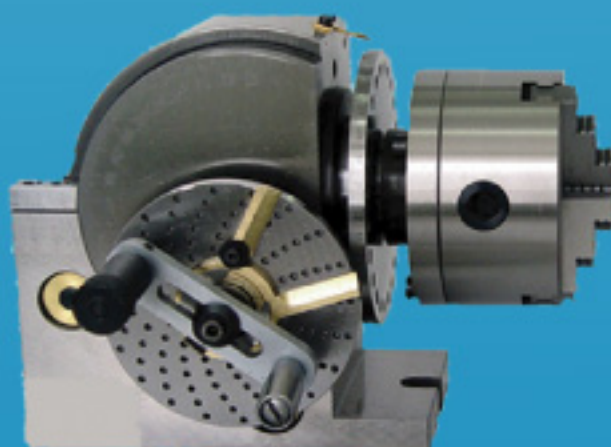
No:3502-1

K72-FOUR-JAW Centring Chucks 80-1000



No:3502

Four-jaw Independent Chucks 80-500A



No:3503

Dividing head 100-128







## Main Products List:

- Cutting Tools
- Machine Tools
- Measuring Tools