

# TFS INDUSTRIAL

HOUSE OF TOOL'S & PRECISION INSTRUMENTS

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**Mitutoyo**

**Kroepelin**  
Längenmesstechnik

**elcometer**  
Inspection Equipment

**INSIZE**

**BAKER**



Outside Micrometer  
0 - 25 to 275 - 300 x 0.01 mm



Digimatic Mic.  
Ip 54 Dust & Oil Proof  
0 - 25 to 75 - 100 x 0.001 mm



Adjustable Micrometer  
4 Anvils, 4 Setting Rods  
0 - 150 / 150 - 300 x 0.01 mm



Micrometer 300-400 Upto 1000 x 0.01 mm  
4 Anvils, 2 Setting Rods  
2 Anvils, 1 Setting Rods



Inside Mic Caliper  
5 - 30, 25 - 50 x 0.01 mm



Tubular Inside Micrometers  
50 - 300, 50 & 1000 x 0.01 mm



Inside Mic Rodtype  
25 - 50, to 50 - 300 x 0.01 mm



Groove Micrometer  
1.5 to 26.5 x 0.01 mm



Depth Micrometer  
Base 100mm (as in Mitutoyo)  
0.25 x 0.01 mm (Upto 150 mm)



Out side Dial Caliper  
0 - 20 x 0.01 mm upto 60 mm



Indicating Micrometer  
0.25 x 0.001 mm



Outside Dial Caliper  
0 - 20 x 0.01 up to 100 mm



Inside Dial Caliper  
15 - 35 x 0.01 mm (Upto 115 mm)



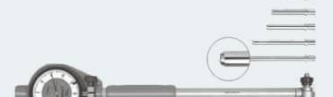
Digital Dial  
12.7 & 25 (0.01 / 0.001)



Dial Test Indicator With Jewels & Acc.  
0.08 x 0.1 mm



Digital Depth Gauge  
10 x 0.01 mm



Dial Bore Gauge with Ceramic  
Anvils & Contact Point 6- 10mm to 250 - 450 mm



Bevel Protractor  
0 to 360 °L.C. 5 Min.



Bevel Protractor  
0 to 320° L.C. 2 Min.



Dial Bevel Protractor  
0 to 360°L.C. 5 Min.



Digital Protractor  
0 to 360°L.C. 30 sec.

**Magnetic Stand**



Simple 60 Kgs



With Fine 80 Kgf



Flexible



Universal 80 Kgf



Gear Tooth Vernier  
1 - 26 x 0.02 mm



Digital Gear Tooth Vernier  
1 - 30 & 5 - 50 x 0.01 mm



Electronic Digital Protractor  
0 - 360 x 0.1°



Digital Level  
0-180 x 0.1°



Telescopic Gauge  
8 - 150 mm



Small Hole Gauge  
3 - 13 mm



Micrometer Stand



Gauge Block Set  
83 Pc. & 112 Pc. Workshop Grade



Pin Gauge Set  
0.5 to 12 mm Tol +/- 0.002 mm



Combination Set  
300 mm



Electronic Zero Setter



Endoscope



Cast Iron Level  
Block Square  
100 / 150 / 200 / 300 x 0.02 mm



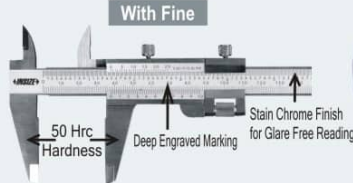
Simple 0.02 mm



Digital 0.01 mm



Dial 0.01 mm



With Fine

50 Hrc Hardness, Deep Engraved Marking, Stain Chrome Finish for Glare Free Reading

Dial Vernier  
150 / 200 / 300 x 0.02 mm



Without Fine



High Accuracy Electronic Caliper  
150 / 200 / 300 x 0.02 mm



Without Fine

Depth Caliper with Hook  
150 / 200 / 300 x 0.02 mm



With Fine

Depth Vernier  
150 / 200 / 300 x 0.02 mm

# MEASURING & NDT INSTRUMENTS

## Thread Plug & Ring Gauge



Plain Plug



Metric



Trapezoidal NPT Acme Unc



Metric

Master Setting Rings  
1 - 315 mm

Master setting Discs  
3 - 200 mm



Type K142/3  
10 x 0.01



Push Type K138/3  
Dial Thickness Gauge  
25 x 0.01 mm



Universal Test Set



Type 2940  
Electronic  
Probe



Type XTD 50M  
Digital Internal Micrometer  
Range : 2 to 500 mm



Extended Hole Gauge



Type XTA 35 m  
Mechanical  
Internal  
Micrometer  
(XT Analogue)  
2 to 300 mm



Spline Plug &  
Ring Gauges



Master Gears



Air Gauge



Twin Chanel Electronic Gauge



Lever Type

Type XT 500

Type XTH 50M  
Digital Internal Micrometer  
(XT Hometric) Range : 2 to 300 mm



Ultrasonic Thickness Gauge



Digital Coating Thickness Gauge  
Ferrous/Non-Ferrous/Combined



Hardness Tester Meter



Gloss Meter



Grain Moisture Meter



Infrared Thermometer



Digital Tachometer Contact/Non-Contact



Sound Meter












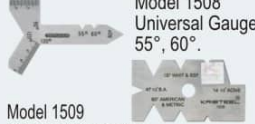




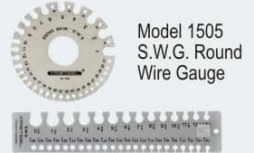




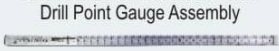



































Shore Hardness Tester



Surface Roughness  
Tester/Comparator



# KRISTEEL - Shinwa®

 MODEL 401 STAINLESS STEEL RULERS	 MODEL 1202 POCKET CLIP RULE DEPTH GAUGE COMBINATION	 MODEL 501 CONTRACTION (SHRINKAGE) RULES	 Signature Series Rules with Calibration Certi. Upto 1000 mm L.C. 0.5 mm	 Model 1501 S. S. DEGREE PROTRACTOR(D- HEAD)						
 Model 1501 - A PROTRACTOR CUM DEPTH GAUGE (D- HEAD)	 S.S. DEGREE PROTRACTOR GAUGE HEAVY DUTY - 150 to 200 mm	 Model MURG Multi Use Rule & Gauge	 Model 1503 DG - 1 Depth Gauge	 Model 1508 Universal Gauge 55°, 60°.						
 Model 1509 Screw Cutting Gauge 14 1/2° angular threads 47 1/2°, 55°, 60°	 Model 1516 A/B Combination Try & Meter Square	 Model 1516 C 4 Pcs Combination Meter Square	 Model UBPU Universal Bevel Protector	 Model 1505 S.W.G. Round Wire Gauge	 Model 1504 CG - 3,4 Brass Caliper Gauge 4" / 100 mm	 Model HRDPG Hook Rule Cum Drill Point Gauge Assembly				
 Model 1506 S.W.G. Rectangular wire Gauge	 Model 1507 Centre Gauge A- 55° B -60°	 Model 1514 Taper Gauge 165 mm	 Model 1510 Twist Drill Gauge 118° upto 50mm 2°	 Model 1511 A,B,C Bore Gauge 1 to 45 mm	 Model 1515 Circumference Gauge / Pi Tape Diameter 20 - 300 to 2700 - 3100 mm L.C. 0.1 mm	 Model ESG Engineer's Square 100 mm to 300 mm	 Model RG Rivet Gauge Upto 5 mm Dia Length up to 35 mm	 Model EK 1 Precision Engineer's Kit Length up to 35 mm	 Model HG -12 / 24 Height -Gauge 300 mm to 600 mm	 Model Tdg Tyre Depth Gauge
 Model AG Angle Gauge 20 nos 1 - 45	 Model RAG Rake Angle gauge	 Model SS - A - B Set Square 30° 40° 45° 60° 95°	 Model AGCG Degree Countersink Angle Gauge 60° 82° 90° 100° 110° 120°	 Model AG-18 Pc Angle gauge 5° to 90° (18 Individual Leaves) 1° to 45° (20 Individual Leaves)	 Model MG Marking gauge	 Model CS Centre Square	 Model 1211 Folding Rule with Angle Calculation Chord 600 mm			
 Model SPG Screw Pitch Gauge 30 Leaves 4-42 Pitch 30 Leaves 3.5-60 Pitch	 Model APG Acme Screw Pitch gauge 10 n to 1 n ( 16 Blades) 29 1/2°	 Model STTG - 29° Screw Thred Tool Gauge	 Model GTPG Gear Tooth Pitch Gauge 6 to 80 DP ( 22 Pitches) 20° - mm, Inch 14.5°	 Model FG- 27 Feeler Gauge 27 Blades 0.001" to 0.025"	 Model STG Spindle Turner's Gauge					
 Model 1512 A,B,C,D Radius Gauge 1-7, 7.5 - 15, 15 -25, 25-40 mm 17 to 32 Blades	 Model 1512 - 26 L Radius gauge 26 Pc Set 0.5 mm to 13 mm	 Model DCTSG Delux CNC Tool Seeting Gauge With Angle Scale	 V - Pulley Gauge Set A,b,c,d (Model Vpg)	 Model CFA Center Finder Assembly	 Model P Sizer Pipe Sizer					
 Model WG - A Weld Fillet Gauge	 Model BCWG Bridge Cam Type Weld gauge (0° to 60°) Upto 60 mm	 Model ATWG Automatic Weld Gauge	 Pipe Pit Gauge	 Model LTWFG Leaf Type Weld Fillet Gauge (7 Leaves)	 Economy Single Purpose Hi-Lo Gauge	 Hi-Lo Welding Gauge				



# HSS , SOLID CARBIDE & CARBIDE TIPPED CUTTING TOOLS



**TAP & DIE**



**DRILLS**  
ST, TAPER SHANK  
STD, LONG, EX-LONG



**REAMER'S**



**COUNTERBORE'S**



**COUNTERSINK'S**



**DOVETAIL CUTTER**



**ENDMILL'S CUTTER**



**T-SLOT CUTTER**



**CENTRE DRILL**



**HSS & TCT ANNULAR CUTTER, PIN & ARBORS**



**HSS DP CUTTER 14.1/2 & 20 DEG P.A**



**GEAR HOBS & CHAIN SPROCKETS HOBS**



**SIDE & FACE CUTTER**  
STRAIGHT & STAGGERED TEETH



**DOUBLE EQUAL ANGE CUTTER**



**SINGLE ANGLE CUTTER**



**CONVEX CUTTER**



**CONCAVE CUTTER**



**SINGLE CORNER ROUNDING CUTTER**



**DOUBLE CORNER ROUNDING CUTTER**



**SHELL ENDMILL**



**TOOLBITS & RODS**  
HSS, COBALT, CARBIDE



**HSS PUNCH**



**SLITTING SAW**



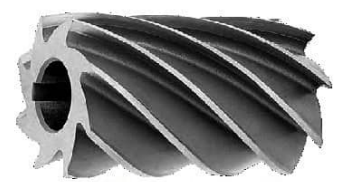
**HACKSAW & POWER SAW**



**ROTARY BURRS**



**CUSTOM TOOLS**  
AS PER DRAWING



**CYLINDRICAL CUTTER**



# TOOLS & ACCESSORIES



**CARBIDE INSERTS**



**TURNING TOOL HOLDERS**



**Indexable Milling Cutters**



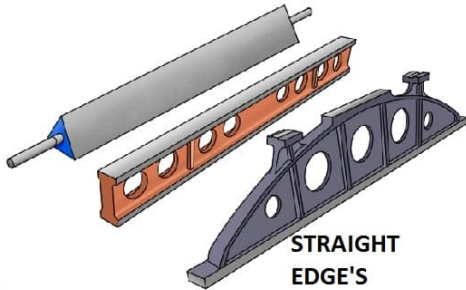
**COLLETS**



**COLLET APARTOR**



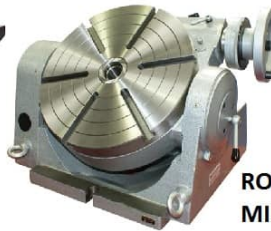
**LIVE CENTRE'S & SPARES**



**STRAIGHT EDGE'S**



**ANVIL**



**ROTARY MILLING TABLE**

**MILLING ADAPTOR**



**T-SLOT NUT**



3 Jaw with 2 Piece Jaws



Base Plates for Front Mounting Chucks



3 Jaw with Solid Jaws



Base Plates for Back Mount Chucks



4 Jaw with 2 Piece Jaws

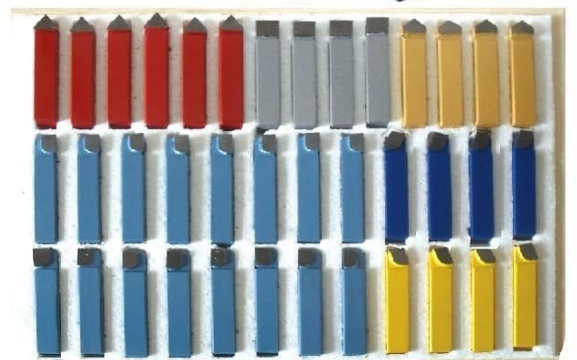
Jaws Spare Parts & Accessories for Frount Mounting Chucks



**LATHE CHUCKS & ACC**



**BEARING PULLER**



**BRAZED CARBIDE TIPTOOL**



**TAIL STOCK**



**DIVIDING HEAD**



**UNIVERSAL TILTING TABLE**



**CNC SPARES SHIM, SCREW, LEVER, SHIM PIN ETC**



**BENCH CENTRES**



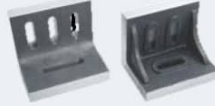
**CLAMPING KIT**



# MACHINE TOOLS & ACCESSORIES



Engineer's Precision Squares



Angle Plates - Slotted



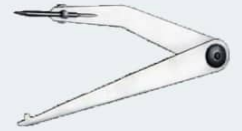
Edge Finders



Adjustable Hand Reamers



Electronic Edge Finders



Jenny Caliper



Spring Calipers & Dividers



Wiggler Or Center Finder



Drill Sleeves - Reduction Sleeves



Knurling Tool Holders



Tap Wrenches - T Handle Type



Lathe Centres (Dead Centres)



Steel Stamps  
Numbers & Letters



Electronic Height  
Off Set Gauge



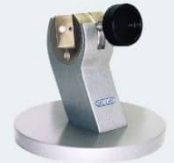
Drill Chuck Arbors



Knife Edge  
50 to 500 mm



Die Marker's Tool Kit



Micrometer Stands



Vee Blocks Steel Cast  
Iron & Magnetic  
25 x 20 x 20 to 100 x 75 x 75



Steel Parallels  
150 x 8 x 12 to  
250 x 22 x 45



Comparator Stands



Sine Table  
150 x 150 mm



Angle Plates



Pot Magnets



Demagnetizers



Dial Comparator Stand



DTG 12  
Dial Thickness Gauge  
Lever Type



Precision Levels  
(0.02, 0.01 mm)

10 x 0.01 mm, 300 mm throat depth



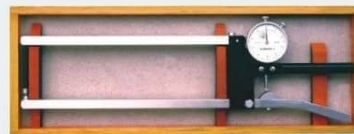
Long Dial Calipers Aluminium  
Center & Bottom Opening  
100 x 0.1mm - 300mm throat depth



Drill Press Vices  
Super Precision 60 - 150 mm



G Clamps - Sg Iron



Screwless Type  
Toolmakers Steel Vice  
Super Precision 2 - 4"



Screwless Type  
Sine Vice  
Super Precision 2 - 4"



Screw Type  
Sine Vice  
Super Precision 2 - 4"



Milling Machine Vices  
Super Precision 50 - 200 mm



Angular Machine Vices  
Super Precision 2 - 8"



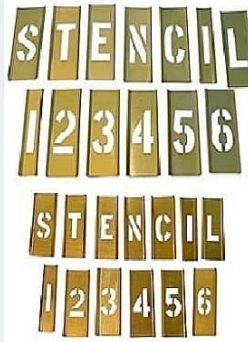
Rotary Head Vices



SHIM STOCK



KNOCKOUT PUNCH



STENCIL



DIAMOND DRESSER



CIRCLIP & DOWEL PINS

MOUNTED POINTS



TUBE TOOLS



ABRASIVES WHEEL'S



TOOGLE CLAMP

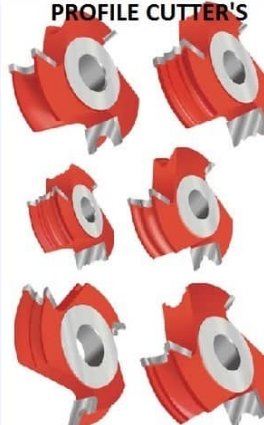


THREAD REPAIR KIT AND SPARE INSERTS

ROUTER BIT'S



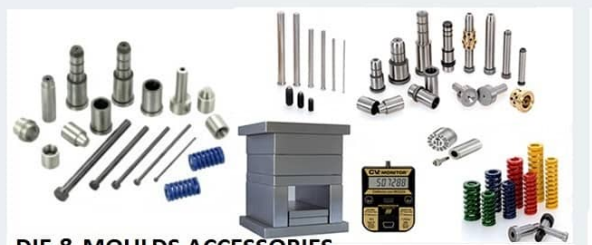
PROFILE CUTTER'S



LOCTITE



DOW CORNING



DIE & MOULDS ACCESSORIES



DIP TAPES



DEBURRING TOOL'S



Ceramic Tool



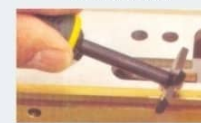
Scraper



Extra Heavy Duty



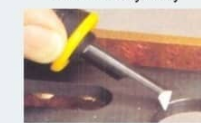
Heavy Duty



Sheet / Rib



Single or Double Edge



Internal Scraper



Key way Slot