



Digital Angle Measurers					
Stock Code	System Code	Arm Length	Range	Uom	Brand
BS0500	A0004695	40 cm	0-200°	EA	Bosch



Magnetic Bases				
Stock Code	System Code	Detail	Uom	Brand
ST1150	A0014255	Heavy-Duty	EA	Starrett
MU0150	A0010908	Heavy-Duty	EA	Mitutoyo
QC0080	A0011833	Heavy-Duty	EA	QCW
ST1155	A0014256	Fine Adjustment	EA	Starrett
MU0155	A0010909	Fine Adjustment	EA	Mitutoyo
MU0160	A0010910	Flexible	EA	Mitutoyo



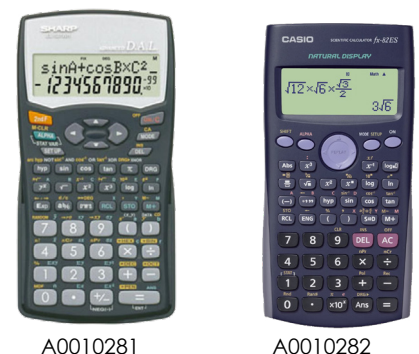
Bevel Squares						
Stock Code	System Code	Size	Type	Material	Uom	Brand
SN0003	A0013991	200 mm	Handyman	Plastic	EA	Stanley
BK0130	A0004586	200 mm	Sliding	Aluminium	EA	Boker



Mitre Boxes			
Stock Code	System Code	Uom	Brand
SN0141	A0014026	EA	Stanley



Scientific Calculators			
Stock Code	System Code	Uom	Brand
MS0112	A0010281	EA	Sharp
MS0113	A0010282	EA	Casio





MEASURING AND MARKING



Vernier Calipers						
Stock Code	System Code	Size	Gradient	Type	Uom	Brand
MU0060	A0032480	130 mm	0.02 mm	Standard	EA	Mitutoyo
ST1085	A0014248	150 mm	0.01 mm	Dial	EA	Starrett
ST1130	A0014252	150 mm	0.01 mm	Digital	EA	Starrett
QC0015	A0011816	150 mm	0.01 mm	Digital	EA	QCW
MU0085	A0028449	150 mm	0.01 mm	Digital	EA	Mitutoyo
MW1330	A0010959	150 mm	0.02 mm	Standard	EA	Moore & Wright
ST1080	A0014247	150 mm	0.02 mm	Standard	EA	Starrett
QC0000	A0011809	150 mm	0.02 mm	Standard	EA	QCW
MU0080	A0028561	150 mm	0.02 mm	Standard	EA	Mitutoyo
ST1065	A0014246	150 mm	0.05 mm	Standard	EA	Starrett
MU0090	A0028475	150 mm	0.05 mm	Dial	EA	Mitutoyo
MU0065	A0032474	150 mm	0.05 mm	Standard	EA	Mitutoyo
MU0075	A0034820	150 mm	0.05 mm	Standard	EA	Mitutoyo
ST1097	A0014250	180 mm	0.02 mm	Standard	EA	Starrett
QC0002	A0011810	180 mm	0.02 mm	Fine Adjustment	EA	QCW
MU0097	A0031456	180 mm	0.02 mm	Standard	EA	Mitutoyo
MU0135	A0028450	200 mm	0.01 mm	Digital	EA	Mitutoyo
QC0005	A0001893	200 mm	0.02 mm	Standard	EA	QCW
MU0110	A0028847	200 mm	0.02 mm	Standard	EA	Mitutoyo
ST1095	A0014249	200 mm	0.05 mm	Standard	EA	Starrett
MU0095	A0031954	200 mm	0.05 mm	Standard	EA	Mitutoyo
MU0100	A0031955	200 mm	0.05 mm	Standard	EA	Mitutoyo
MU0120	A0032461	300 mm	0.01 mm	Digital	EA	Mitutoyo
QC0009	A0011814	300 mm	0.02 mm	Standard	EA	QCW
MU0092	A0028848	300 mm	0.02 mm	Dial	EA	Mitutoyo
ST1125	A0014251	300 mm	0.05 mm	Standard	EA	Starrett
QC0010	A0011815	300 mm	0.05 mm	Standard	EA	QCW
MU0125	A0032475	300 mm	0.05 mm	Standard	EA	Mitutoyo
MU0130	A0032478	300 mm	0.05 mm	Standard	EA	Mitutoyo
MU0093	A0032343	600 mm	0.02 mm	Standard	EA	Mitutoyo



Calipers						
Stock Code	System Code	Size	Type	Type	Uom	Brand
GR0100	A0007890	75 mm	Spring	Inside	EA	Groz
MW0050	A0010943	75 mm	Spring	Inside	EA	Moore & Wright
GR0150	A0007896	75 mm	Spring	Outside	EA	Groz
MW0060	A0010949	75 mm	Spring	Outside	EA	Moore & Wright
GR0101	A0007891	100 mm	Spring	Inside	EA	Groz
MW0051	A0010944	100 mm	Spring	Inside	EA	Moore & Wright
GR0151	A0007897	100 mm	Spring	Outside	EA	Groz
MW0061	A0010950	100 mm	Spring	Outside	EA	Moore & Wright
MW0067	A0010955	150 mm	Jenny	Firm Joint	EA	Moore & Wright
GR0250	A0007908	150 mm	Jenny	Firm Joint	EA	Groz
GR0102	A0007892	150 mm	Spring	Inside	EA	Groz
MW0052	A0010945	150 mm	Spring	Inside	EA	Moore & Wright
GR0152	A0007898	150 mm	Spring	Outside	EA	Groz
MW0062	A0010951	150 mm	Spring	Outside	EA	Moore & Wright
GR0103	A0007893	200 mm	Spring	Inside	EA	Groz
MW0053	A0010946	200 mm	Spring	Inside	EA	Moore & Wright
GR0153	A0007899	200 mm	Spring	Outside	EA	Groz
MW0063	A0010952	200 mm	Spring	Outside	EA	Moore & Wright
GR0104	A0007894	250 mm	Spring	Inside	EA	Groz
MW0054	A0010947	250 mm	Spring	Inside	EA	Moore & Wright
GR0154	A0007900	250 mm	Spring	Outside	EA	Groz
MW0064	A0010953	250 mm	Spring	Outside	EA	Moore & Wright
GR0105	A0007895	300 mm	Spring	Inside	EA	Groz
MW0055	A0010948	300 mm	Spring	Inside	EA	Moore & Wright
GR0155	A0007901	300 mm	Spring	Outside	EA	Groz
MW0065	A0010954	300 mm	Spring	Outside	EA	Moore & Wright



A0010955 A0007908
A0007894 A0010944
A0007900 A0010950

Chalklines					
Stock Code	System Code	Size	Type	Uom	Brand
SN0708	A0014086	-	Reel, Fatmax	EA	Stanley
MS0130	A0002320	-	Refill, White	EA	Apex
SN0704	A0014083	115 g	Refill, Blue	EA	Stanley
SN0705	A0014084	115 g	Refill, Red	EA	Stanley
SN0701	A0014081	30 m	Die Cast Metal Case	EA	Stanley
SN0703	A0014082	30 m	Plastic Case, Reel	EA	Stanley
MX0475	A0011103	30 m	Die Cast Metal Case	EA	Maxpower
SN0706	A0014085	30 m	Chalkline Replacement	EA	Stanley



A0014081 A0014082
A0014083 A0014084 A0002320
A0014085
A0011103

Chalks				
Stock Code	System Code	Description	Uom	Brand
MS0121	A0010287	Soft, Board	BOX	Apex
MS0120	A0010286	Yellow For Blackboard	BOX	Apex

Lumber Hard Crayons				
Stock Code	System Code	Colour	Uom	Brand
MS0230	A0010315	White	EA	Apex



A0010286 A0010315

MEASURING AND MARKING

Conversion/Reference Engineer Books

Stock Code	System Code	Uom	Brand
SM9100	A0013985	EA	Somta
MS0100	A0010274	EA	Zeus

Conversion/Reference Fasteners Books

Stock Code	System Code	Uom	Brand
SM9100	A0013985	EA	Black Book

Flexible Curves

Stock Code	System Code	Size	Uom	Brand
SE0020	SE0020	600 mm	EA	Staedtler

Centering Heads

Stock Code	System Code	Size	Uom
CV0021	A0005610	Jumbo	EA
CV0020	A0005609	Standard	EA

Combination Adaptors (Excluding Contour Marker)

Stock Code	System Code	Size	Uom
CV0006	A0005605	Jumbo	EA
CV0004	A0005603	Standard	EA

Contour Markers

Stock Code	System Code	Size/Type	Uom
CV0005	A0005604	Jumbo	EA
CV0000	A0005602	Standard	EA
CV0007	A0005606	Dial/Level	EA

Flange Tools

Stock Code	System Code	Type	Uom
CV0033	A0005616	Angle Flange Level, Dial	EA
CV0010	A0005607	Flange Aligner Base	EA
CV0014	A0005608	Pipe Aligner Flange	EA

Levels

Stock Code	System Code	Type	Uom
CV0022	A0005611	Pro Mag	EA
CV0045	A0005619	Universal	EA

Radius Marker

Stock Code	System Code	Type	Uom
CV0027	A0005613	Standard	EA

Soapstone & Holders

Stock Code	System Code	Shape	Uom
CV0035	A0005617	Flat	EA
CV0032	A0005615	Flat	144/Box
CV0031	A0005614	Flat	EA

Trammel Heads

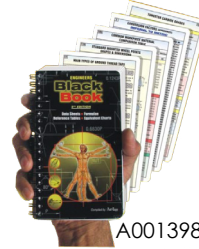
Stock Code	System Code	Type	Uom
CV0040	A0005618	Multi	EA

Protractors

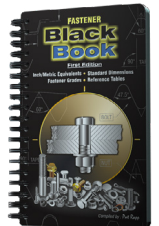
Stock Code	System Code	Type	Uom
CV0024	A0005612	Welder/Pipe Fitter	EA



A0010274



A0013985



A0013985



A0012345



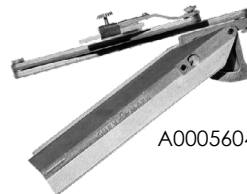
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A0005609



A0005605



A0005604



A0005602



A0005606



A0005616



A0005607



A0005608



A0005615



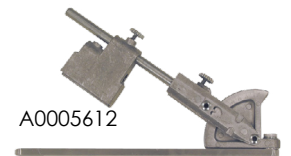
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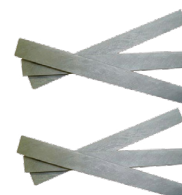
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A0005617



A0005612



A0005614

A0005615



A0005618



Spring Dividers

Stock Code	System Code	Size	Uom	Brand
MW0040	A0010937	75 mm	EA	Moore & Wright
GR0200	A0007902	75 mm	EA	Maxpower
MW0041	A0010938	100 mm	EA	Moore & Wright
GR0201	A0007903	100 mm	EA	Maxpower
MW0042	A0010939	150 mm	EA	Moore & Wright
GR0202	A0007904	150 mm	EA	Maxpower
MW0043	A0010940	200 mm	EA	Moore & Wright
GR0203	A0007905	200 mm	EA	Maxpower
MW0044	A0010941	250 mm	EA	Moore & Wright
GR0204	A0007906	250 mm	EA	Maxpower
MW0045	A0010942	300 mm	EA	Moore & Wright
GR0205	A0007907	300 mm	EA	Maxpower



A0010937



A0007902

MEASURING AND MARKING

Straight Edges

Stock Code	System Code	Size	Material	Uom	Brand
RB0300	A0011950	1.0 m	Aluminium	EA	Ross
CL1040	A0005339	1.0 m	Aluminium	EA	Castor & Ladder
MN0020	A0010219	1.2 m	Steel	EA	Maun
CL1041	A0005340	1.5 m	Aluminium	EA	Castor & Ladder
MN0021	A0010220	1.5 m	Steel	EA	Maun
MN0022	A0010221	1.8 m	Steel	EA	Maun
CL1042	A0005341	2.0 m	Aluminium	EA	Castor & Ladder
CL1043	A0005342	3.0 m	Aluminium	EA	Castor & Ladder
CL1044	A0005343	6.0 m	Aluminium	EA	Castor & Ladder



A0010219



A0005340

Electrical Engravers

Stock Code	System Code	Uom	Brand
DR0000	A0005680	EA	Dremel
MS0300	A0010335	EA	GMC



A0005680



A0010335

Flat File Sureforms

Stock Code	System Code	Size	Uom	Brand
SN0510	21-A0014056	140 mm	EA	Stanley



A0014056

Depth Gauges

Stock Code	System Code	Size	Type	Uom	Brand
MW0013	A0010927	150 mm	Standard	EA	Moore & Wright
GR0352	A0007910	150 mm	With Protractor	EA	Groz
MW0015	A0010929	150 mm	With Protractor	EA	Moore & Wright
GR0354	A0007911	150 mm	Depth And Angle	EA	Groz



A0010927



A0007910



MEASURING AND MARKING

Dial Indicator Gauges

Stock Code	System Code	Size	Increments	Uom	Brand
QC0045	A0011824	0-10 mm	0.01 mm	EA	QCW
ST1057	A0014245	0-10 mm	0.01 mm	EA	Starrett
MU0058	A0032907	0-10 mm	0.01 mm	EA	Mitutoyo
MU0057	A0032381	0-10 mm	0.01 mm	EA	Mitutoyo
MU0050	A0032391	0-1 mm	0.001 mm	EA	Mitutoyo
MU0059	A0028499	0-40 mm	0.01 mm	EA	Mitutoyo
MU0055	A0028498	0-0.8 mm	0.01 mm	EA	Mitutoyo



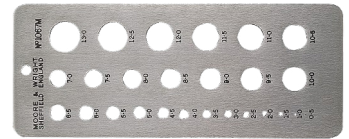
A0011824

A0014245

A0010889

Drill Gauges

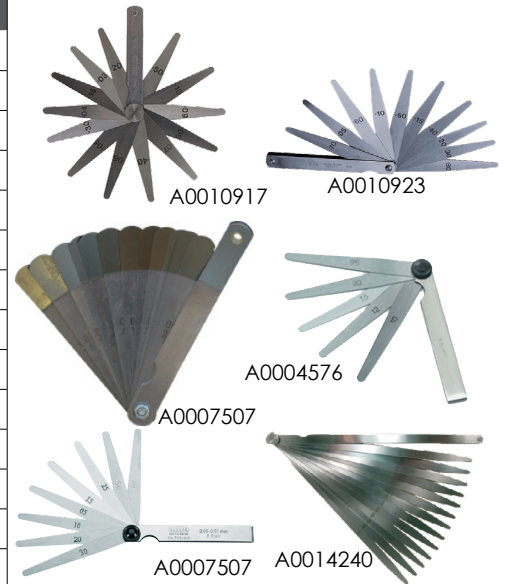
Stock Code	System Code	Size	Uom	Brand
MW0001	A0010915	0.50-19.0 mm	EA	Moore & Wright



A0010915

Feeler Gauges (Leaf Thickness X 0.01 mm)

Stock Code	System Code	Size	Range/Blades	Uom	Brand
MW0003	A0010917	75 mm	3-50/13	EA	Moore & Wright
MW0005	A0010919	75 mm	5-100/20	EA	Moore & Wright
MW0009	A0010923	100 mm	5-80/10	EA	Moore & Wright
MW0004	A0010918	100 mm	5-100/13	EA	Moore & Wright
MW0018	A0010932	100 mm	5-100/20	EA	Moore & Wright
BK0100	A0004575	150 mm	5-100/13	EA	Boker
MW0006	A0010920	150 mm	5-100/13	EA	Moore & Wright
BK0101	A0004576	150 mm	5-100/20	EA	Boker
MW0007	A0010921	150 mm	5-100/20	EA	Moore & Wright
GD3950	A0007507	150 mm	10-50/21	EA	Gedore
BK0102	A0004577	150 mm	3-100/26	EA	Boker
MW0002	A0010916	300 mm	5-80/10	EA	Moore & Wright
MW0008	A0010922	300 mm	5-100/13	EA	Moore & Wright
MW2000	A0010960	300 mm	5-100/20	EA	Moore & Wright
ST0306	A0014240	600 mm	5-100/13	EA	Starrett



A0010917

A0010923

A0004576

A0007507

A0007507

A0014240

Radius Gauges with Cover

Stock Code	System Code	Size	Uom	Brand
MX3510	A0011179	1-7 mm	EA	Maxpower
MX3515	A0011180	7.5-15 mm	EA	Maxpower
MX3520	A0011181	15.5-25 mm	EA	Maxpower



Radius Gauges

Stock Code	System Code	Size	No. of Blades	Uom	Brand
MW0011	A0010925	0.75-5.0 mm	18	EA	Moore & Wright
MW0012	A0010926	0.75-5.0 mm	18	EA	Moore & Wright
MW0014	A0010928	5.5-13.0 mm	16	EA	Moore & Wright



Cutting Screw Gauges (55 & 60 Degrees)

Stock Code	System Code	Thread	Uom	Brand
MW0010	A0010924	SI/WHIT/ACME/BA	EA	Moore & Wright
GR0370	A0007912	SI/WHIT/ACME/BA	EA	Groz



A0010924

A0007912

Starrett®

HENRY BOKER

MOORE & WRIGHT

Mitutoyo

octo



A0010930



A0004578



A0010931

Pitch Screw Gauges

Stock Code	System Code	Thread	Type	No. of Blades	Uom	Brand
MW0016	A0010930	0.25-3.00 mm	Metric	30	EA	Moore & Wright
BK0105	A0004578	4-62 & 0.25-6.0 mm	Metric/Whitworth	49	EA	Boker
MW0017	A0010931	4-40 & 0.4-7.0 mm	Metric/Whitworth	49	EA	Moore & Wright

Sheave Gauges

Stock Code	System Code	Size	Uom	Brand
MS1032	A0010473	8-23 mm	EA	Scaw
MS1033	A0010474	24-39 mm	EA	Scaw
MS1034	A0010475	39-54 mm	EA	Scaw



A0010475



A0007909

Gauge Surface with Scriber

Stock Code	System Code	Size	Uom	Brand
GR0300	A0007909	300 mm	EA	Groz

Telescopic Gauges

Stock Code	System Code	Size	Uom	Brand
MU0019	A0032339	19-32 mm	EA	Mitutoyo
QC0025	A0011819	19-32 mm	EA	QCW
MU0030	G0009419	8-150 mm	EA	Mitutoyo
QC0020	A001818	12.7-152 mm	Set	QCW



A0010883



A0011818

Gauge Thickness (Taper)

Stock Code	System Code	Size	Uom	Brand
ST0155	A0014235	0.05-1 mm, 300 mm	EA	Starrett



A0014235

Welders Gauges

Stock Code	System Code	Size	Uom	Brand
OC0400	F0000956	0.05-1 mm, 300 mm	EA	Octo



F0000956

Wire Gauges

Stock Code	System Code	Size	Uom	Brand
MW0000	A0010914	0.20-10.0 mm	EA	Moore & Wright



A0010914



Digital Inclinometers

Stock Code	System Code	Size	Range	Uom	Brand
BS0525	A0004697	600 mm	0-360 Deg	EA	Bosch
BS0520	A0004696	1200 mm	0-360 Deg	EA	Bosch



Laser Distance Levels

Stock Code	System Code	Range	Type	Uom	Brand
FK0905	A0006000	50 m	414D Optional Tripod	EA	Fluke
FK0910	A0006001	80 m	419D Optional Tripod	EA	Fluke
FK0915	A0006002	100 m	424D Optional Tripod	EA	Fluke
BS0535	A0004699	20/50 m	GLL 2-50 Wall & Tripod Mount	EA	Bosch
BS0545	A0004701	40/80 m	GLL 3-80 P Wall & Tripod Mount	EA	Bosch
BS0550	A0004701	40/80 m	GLL 3-80 P Wall & Tripod Mount	EA	Bosch
BS0560	A0004703	300 m	GRL 300 HV Rotating	EA	Bosch
MS2050	XXX	Max. 100 m	D3 Distance and Angle	EA	Disto
BS0585	A0004708	0.05-50 m	GLM 50 Range Finder	EA	Bosch
BS0590	A0004709	0.05-80 m	GLM 80 Range Finder	EA	Bosch
BS0595	A0004710	0.05-80 m	GLM 80 + R60 Range Finder	EA	Bosch
BS0580	A0004707	0.05-250 m	GLM 250 VF Range Finder	EA	Bosch



A0006000 A0006001 A0006002



A0004699



A0004701



A0004708



A0004703



A0004698



A0004704



A0004705

Level Dumpy & Accessories

Stock Code	System Code	Size	Uom	Brand
BS0540	A0004698	Up to 60 m	EA	Bosch
BS0565	A0004704	Measuring Pole - 2.4 m	EA	Bosch
BS0570	A0004705	Measuring Pole - 5.0 m	EA	Bosch

Building Tripods

Stock Code	System Code	Size	Uom	Brand
BS0600	A0004713	97-160 cm	EA	Bosch
BS0605	A0004714	107-165 cm	EA	Bosch
BS0610	A0004715	122-295 cm	EA	Bosch



A0004713 A0004714



A0016107



A0015210



A0037953



A0011923



A0011014



A0014053



A0014054



A0011011



A0011012



A0011010



A0011013



A0011925



A0014055



A0014029



A0011866

Levels						
Stock Code	System Code	Size	Type	Vials	Uom	Brand
RB0020	A0016107	450 mm	Utility Aluminium	2	EA	Ross
RB0021	A0011923	600 mm	Utility Aluminium	2	EA	Ross
WB0150	A0015210	450 mm	Builders	3	EA	Webco
RG0901	A0037953	400 mm	Laser	2	EA	Ridgid
SN0466	A0014053	83 mm	Line	1	EA	Stanley
SN0467	A0014054	75 mm	Line	1	EA	Stanley
MX0262	A0011012	1000 mm	Spirit	3	EA	Maxpower
MX0264	A0011014	1200 mm	Spirit	3	EA	Maxpower
MX0260	A0011010	450 mm	Spirit	3	EA	Maxpower
MX0261	A0011011	600 mm	Spirit	3	EA	Maxpower
MX0263	A0011013	900 mm	Spirit	3	EA	Maxpower
RB0052	A0011925	600 mm	Spirit	2	EA	Rabone
RB0056	A0038019	1200 mm	Spirit	2	EA	Rabone
SN0469	A0014055	203 mm	Torpedo	3	EA	Stanley
SN0170	A0014029	228 mm	Torpedo, Magnetic	3	EA	Stanley
RA0030	A0011866	230 mm	Torpedo	3	EA	Raco



A0012213

Metal Markers					
Stock Code	System Code	Volume	Colour	Uom	Brand
RI0025	A0012215	50 ml	Blue	EA	Rilbex
RI0010	A0012212	50 ml	Green	EA	Rilbex
RI0015	A0012213	50 ml	Red	EA	Rilbex
RI0020	A0012214	50 ml	White	EA	Rilbex
RI0030	A0012216	50 ml	Yellow	EA	Rilbex

Markers

Stock Code	System Code	Colour	Type	Uom	Brand
MS0580	A0010384	Black	Felt Tip, Permanent	EA	Artline
MS0581	A0010385	White	Pentel, Paint	EA	Pentel



A0010385

A0010384

Oil Measures

Stock Code	System Code	Volume	Uom	Brand
MS0590	A0010387	5 L	EA	Border



A0010387

Depth Micrometers

Stock Code	System Code	Size	Increments	Uom	Brand
MU0013	A0032323	0-150 mm	0.01 mm	EA	Mitutoyo



A0010876

Inside Micrometers

Stock Code	System Code	Size	Increment	Uom	Brand
MU0010	A0032327	50-150 mm	0.01 mm	EA	Mitutoyo
MU0014	A0028498	50-300 mm	0.01 mm	EA	Mitutoyo
MU0015	A0010878	50-300 mm	0.01 mm	EA	Mitutoyo
MU0012	A0034559	50-500 mm	0.01 mm	EA	Mitutoyo
MU0018	A0032330	50-220 mm	0.01 mm	EA	Mitutoyo
MU0016	A0032328	50-1000 mm	0.01 mm	EA	Mitutoyo



A001087



A0010878



A0010879

Outside Micrometers

Stock Code	System Code	Size	Increment	Uom	Brand
ST1003	A0014244	75-100 mm	0.01 mm	EA	Starrett
ST1000	A0014241	0-25 mm	0.01 mm	EA	Starrett
ST1001	A0014242	25-50 mm	0.01 mm	EA	Starrett
ST1002	A0014243	50-75 mm	0.01 mm	EA	Starrett
MU0045	A0032362	0-25 mm	0.01 mm	EA	Mitutoyo
QC0050	A0011827	0-25 mm	0.01 mm	EA	QCW
MU0000	A0032306	0-25 mm	0.01 mm	EA	Mitutoyo
MU0001	A0031930	25-50 mm	0.01 mm	EA	Mitutoyo
MU0002	A0029401	50-75 mm	0.01 mm	EA	Mitutoyo
MU0003	A0029409	75-100 mm	0.01 mm	EA	Mitutoyo
MU0200	A0029435	0-100 mm	0.01 mm	EA	Mitutoyo
QC0051	A0011828	25-50 mm	0.01 mm	EA	QCW
QC0052	A0011829	50-75 mm	0.01 mm	EA	QCW
QC0053	A0011830	75-100 mm	0.01 mm	EA	QCW
MU0005	A0029411	125-150 mm	0.01 mm	EA	Mitutoyo



A0014244



A0010884



A001827



Aerosol Spray Paints					
Stock Code	System Code	Volume	Colour	Uom	Brand
PT0050	A0011763	250 ml	Engine Enamel Black	EA	Spraymate
PT0007	A0011727	250 ml	Gloss Black	EA	Spraymate
PT0015	A0011735	250 ml	Azure Blue	EA	Spraymate
PT0008	A0011728	250 ml	Electric Blue	EA	Spraymate
PT0054	A0011767	250 ml	Engine Enamel Ford Blue	EA	Spraymate
SJ0025	A0012492	350 ml	Marking Blue	EA	Spanjaard
PT0049	A0011762	250 ml	Metallic Blue	EA	Spraymate
PT0018	A0011738	250 ml	Pacific Blue	EA	Spraymate
PT0019	A0011739	250 ml	Royal Blue	EA	Spraymate
PT0048	A0011761	250 ml	Metallic Bronze	EA	Spraymate
PT0017	A0011737	250 ml	Galvanised Cold	EA	Spraymate
PT0035	A0011753	250 ml	Clear Lacquer	EA	Spraymate
PT0038	A0011756	250 ml	Cream	EA	Spraymate
PT0041	A0002358	250 ml	Pastellic Emerald	EA	Spraymate
PT0013	A0011733	250 ml	Brilliant Green	EA	Spraymate
PT0040	A0011757	250 ml	Metallic Green	EA	Spraymate
PT0014	A0011734	250 ml	Pastel Green	EA	Spraymate
PT0044	A0016441	250 ml	Blast Mist Grey	EA	Spraymate
PT0028	A0011747	250 ml	Grey Primer	EA	Spraymate
PT0016	A001736	250 ml	Machinery Grey	EA	Spraymate
PT0042	A0011758	250 ml	Fire Orange	EA	Spraymate
PT0005	A0011725	250 ml	International Orange	EA	Spraymate
PT0006	A0011726	250 ml	Fluorescent Neon Pink	EA	Spraymate
PT0090	A0011773	250 ml	Plastic Primer	EA	Spraymate
PT0052	A0011765	250 ml	Engine Enamel Red	EA	Spraymate
PT0043	A0011759	250 ml	Metallic Red	EA	Spraymate
PT0025	A0011744	250 ml	Post Office Red	EA	Spraymate
PT0511	A008065	230 ml	Reflective Red	EA	Spraymate
PT0009	A0011729	250 ml	Signal Red	EA	Spraymate
PT0053	A0011766	250 ml	Engine Enamel Silver	EA	Spraymate
PT0051	A001764	250 ml	Heat Resistant Silver	EA	Spraymate
PT0046	A0011760	250 ml	Metallic Silver	EA	Spraymate
PT0012	A0011732	250 ml	Appliance White	EA	Spraymate
PT0027	A0011746	250 ml	Gloss White	EA	Spraymate
PT0034	A0011752	250 ml	Matt White	EA	Spraymate
PT0010	A0011730	250 ml	Pastel Yellow	EA	Spraymate
PT0512	A0038066	230 ml	Reflective Yellow	EA	Vision
PT0011	A0011731	250 ml	Sun Yellow	EA	Spraymate



A0011726



A0011759



A0011757



A0011762



A0011732



A0011734



Enamel Paint

Stock Code	System Code	Litre	Colour	Uom	Brand
PT0110	A0011776	5 L	Gloss,Black	EA	Prominent
PT0160	A0011781	5 L	Windsor Green	EA	Prominent
PT0140	A0011779	5 L	Signal Red	EA	Prominent
PT0150	A0011780	5 L	Gloss White	EA	Prominent
PT0130	A0011778	5 L	Golden Yellow	EA	Prominent



A0011776

Primer Etch Paints

Stock Code	System Code	Size	Colour	Uom	Brand
PT0390	A0011789	5 L	Red	EA	Prominent
PT0391	A0011790	5 L	Black	EA	Prominent



A0011789

Red Oxide Od Primer Paints

Stock Code	System Code	Litre	Uom	Brand
PT0100	A0011775	5 L	EA	Prominent

White PVA Paints

Stock Code	System Code	Litre	Uom	Brand
PT0400	A0011785	20 L	EA	Prominent



A0011785

Mine Marking Underground Spray Paints

Stock Code	System Code	Colour	Uom	Brand
PT0003	A0011724	Blue	EA	Minemate
PT0002	A0011723	White	EA	Minemate
PT0001	A0011722	Yellow	EA	Minemate
PT0000	A0011721	Red	EA	Minemate



A0011724



A0011721

Green Stoep Paints

Stock Code	System Code	Litre	Uom	Brand
PT0170	A0011784	5 L	EA	Prominent

Underground Paints

Stock Code	System Code	Litre	Colour	Uom	Brand
PT0020	A0011740	1 L	Red	EA	Minemate
PT0021	A0011741	1 L	White	EA	Minemate
PT0022	A0011742	1 L	Yellow	EA	Minemate



A0011741



Carpenter Pencils			
Stock Code	System Code	Uom	Brand
SE0010	A0012342	EA	Staedtler
SE0011	A0012343	EA	Staedtler



A0012343

Plumbobs					
Stock Code	System Code	Weight	Material	Uom	Brand
SN0711	A0014087	224G	Brass	EA	Stanley



A0014087

Punch Set						
Stock Code	System Code	Size	Pieces	Type	Uom	Brand
MN0005	A0010217	5-32 mm	10 pc	Wad	KIT	Maun
BK0035	A0004570	6-19 mm	7 pc	Belt/Hollow	EA	Boker
BK0031	A0004568	6-25 mm	9 pc	Belt/Hollow	SET	Boker
BK0032	A0004569	6-38 mm	14 pc	Belt/Hollow	EA	Boker
GR0619	A0007924	1.5-4 mm	5 pc	Centre, Wallet	SET	Groz
ST0038	A0014206	1.5-6.5 mm	6 pc	Centre, Round	SET	Starrett
MC0601	A0009829	Assorted	6 pc	Chisel and Punch	SET	Mitco
MC0602	A0009830	Assorted	12 pc	Chisel and Punch	SET	Mitco
ST0044	A0014212	3-9.5 mm	5 pc	Drive Pin	SET	Starrett
JL0550	A0008472	2-10 mm	7 pc	Drive Pin	SET	John Leo
GR0660	A0007928	1.5-8 mm	7 pc	Parallel Pin	SET	Groz
SW0570	A0014358	2.5-8 mm	6 pc	Parallel Pin	SET	Stahlwille
LS0381	A0009487	3-8 mm	10 pc	Pin	SET	Lasher
LS0380	A0009486	3-10 mm	6 pc	Pin	SET	Lasher
GD3706	A0007488	3-8 mm	6 pc	Pin	SET	Gedore
MC0600	A0009828	2-10 mm	7 pc	Pin	SET	Mitco
ST0054	A0014215	-	8 pc	Pin	SET	Starrett
ST0053	A0014214	-	8 pc	Drive Pin	SET	Starrett
LS0378	A0009484	Assorted	5 pc	Pin & Chisel	SET	Lasher
LS0379	A0009485	Assorted	10 pc	Pin & Chisel	SET	Lasher



A0010217



GR0619



A0014206



A00098298



A0008472



A0007928



A0009487



A0014214



A0009484



A0007488



A0006547



A0006550



A0006551



A0006549

Punch Belts					
Stock Code	System Code	No.	Type	Uom	Brand
FX0050	A0006549	No. 1	Power	EA	Flexco
FX0025	A0006547	No. 2	Power	EA	Flexco
FX0060	A0006550	No. 2	Hand	EA	Flexco
FX0070	A0006551	No. 3	Hand	EA	Flexco



MEASURING AND MARKING

Hollow Belt Punches				
Stock Code	System Code	Size	Uom	Brand
BK0000	A0004541	3.0 mm	EA	Boker
BK0001	A0004542	4.0 mm	EA	Boker
BK0002	A0004543	5.0 mm	EA	Boker
BK0003	A0004544	6.0 mm	EA	Boker
BK0004	A0004545	7.0 mm	EA	Boker
BK0005	A0004546	8.0 mm	EA	Boker
BK0006	A0004547	9.0 mm	EA	Boker
BK0007	A0004548	10.0 mm	EA	Boker
BK0008	A0004549	11.0 mm	EA	Boker
BK0009	A0004550	12.0 mm	EA	Boker
BK0010	A0004551	13.0 mm	EA	Boker
BK0011	A0004552	14.0 mm	EA	Boker
BK0012	A0004553	16.0 mm	EA	Boker
BK0013	A0004554	17.0 mm	EA	Boker
BK0023	A0004563	18.0 mm	EA	Boker
BK0014	A0004555	19.0 mm	EA	Boker
BK0015	A0004556	20.0 mm	EA	Boker
BK0017	A0004557	22.0 mm	EA	Boker
BK0018	A0004558	24.0 mm	EA	Boker
BK0019	A0004559	25.0 mm	EA	Boker
BK0025	A0004564	28.0 mm	EA	Boker
BK0020	A0004560	32.0 mm	EA	Boker
BK0021	A0004561	35.0 mm	EA	Boker
BK0022	A0004562	38.0 mm	EA	Boker



Centre Punches					
Stock Code	System Code	Size	Type	Uom	Brand
GR0670	A0007929	120 mm	Automatic	EA	Groz
SW0535	A0014357	10 x 100 mm	Octagonal	EA	Stahlwille
GD3640	A0007470	10 x 100 mm	Octagonal	EA	Gedore
GD3641	A0007471	12 x 100 mm	Octagonal	EA	Gedore
GD3643	A0007473	15 x 100 mm	Octagonal	EA	Gedore
GD3642	A0007472	16 x 100 mm	Octagonal	EA	Gedore
RD0010	A0012021	150 mm	Round Head	EA	Racodon
GR0610	A0038086	1.5 x 75 mm	Round Head	EA	Groz
GR0611	A0007921	2 x 100 mm	Round Head	EA	Groz
GR0614	A0007922	3.5 x 100 mm	Round Head	EA	Groz
LS0361	A0009470	3 x 8 x 115 mm	Round Head	EA	Lasher
EC0071	A0005732	4.8 x 100 mm	Round Head	EA	Eclipse
GR0615	A0033445	4 x 100 mm	Round Head	EA	Groz
LS0362	A0009471	4 x 8 x 115 mm	Round Head	EA	Lasher
GR0616	A0033446	5 x 100 mm	Round Head	EA	Groz
LS0363	A0009472	5 x 10 x 140 mm	Round Head	EA	Lasher
LS0364	A0009473	6 x 12 x 160 mm	Round Head	EA	Lasher
ST0039	A0002514	3 x 100 mm	Round Shank	EA	Starrett
ST0050	A0014213	6.5 x 125 mm	Round Shank	EA	Starrett
RD0005	A0012019	100 mm	Square Head	EA	Racodon
EC0070	A0005731	3.8 x 100 mm	Square Head	EA	Eclipse
GR0628	A0033450	4 x 100 mm	Square Head	EA	Groz

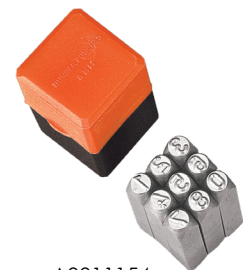




Chassis Punches				
Stock Code	System Code	Size	Uom	Brand
QM0010	A0011850	20 mm	EA	QMAX
QM0015	A0011851	22.5 mm	EA	QMAX
QM0020	A0011852	25 mm	EA	QMAX
QM0025	A0011854	30 mm	EA	QMAX
QM0030	A0011855	32.5 mm	EA	QMAX
QM0035	A0011856	35 mm	EA	QMAX
QM0040	A0011858	40 mm	EA	QMAX



Figure/Number 0-9 Punches				
Stock Code	System Code	Size	Uom	Brand
GR0682	A0011154	3 mm	SET	Groz
GR0683	A0011155	4 mm	SET	Groz
GR0684	A0011156	5 mm	SET	Groz
GR0685	A0011157	6 mm	SET	Groz
GR0686	A0011158	8 mm	SET	Groz
GR0687	A0011159	10 mm	SET	Groz
GR0688	A0011160	12 mm	SET	Groz



A0011154

Letter A-Z Punches				
Stock Code	System Code	Size	Uom	Brand
GR0692	A0016242	3 mm	SET	Groz
GR0693	A0038092	4 mm	SET	Groz
GR0694	A0016243	5 mm	SET	Groz
GR0695	A0011164	6 mm	SET	Groz
GR0696	A0016244	8 mm	SET	Groz
GR0697	A0011166	10 mm	SET	Groz
GR0698	A0016245	12 mm	SET	Groz



A0016242

Parallel Pin Punches				
Stock Code	System Code	Size	Uom	Brand
RD0020	A0012023	3 x 115 mm	EA	Racodon
RD0021	A0012024	4 x 115 mm	EA	Racodon
RD0022	A0012025	5 x 140 mm	EA	Racodon
RD0023	A0012026	6 x 140 mm	EA	Racodon
RD0024	A0012027	8 x 160 mm	EA	Racodon
RD0025	A0012028	10 x 160 mm	EA	Racodon



A0012023

Pin Punches				
Stock Code	System Code	Size	Uom	Brand
LS0369	A0009475	3 x 8 x 115 mm	EA	Lasher
LS0370	A0009476	4 x 8 x 115 mm	EA	Lasher
LS0371	A0009477	5 x 10 x 140 mm	EA	Lasher
LS0372	A0009478	6 x 10 x 140 mm	EA	Lasher
LS0373	A0009479	8 x 12 x 160 mm	EA	Lasher
LS0374	A0009480	10 x 12 x 160 mm	EA	Lasher



A0009475

A0009480



Prick Punch

Stock Code	System Code	Size	Uom	Brand
ST0040	A0014208	100 mm	EA	Starrett
RD0006	A0012020	100 mm	EA	Racodon
GR0751	A0035338	4 x 125 mm	EA	Groz



A0007989



A0011098

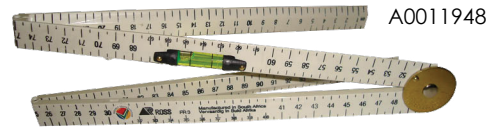


A0011102

A0010414



A0011942



A0011948



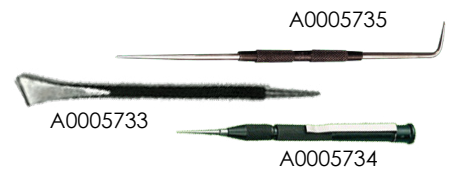
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Rulers

Stock Code	System Code	Size	Type	Material	Uom	Brand
GR1710	A0007989	150 mm	Measuring	Stainless Steel	EA	Groz
GR1711	A0007990	300 mm	Measuring	Stainless Steel	EA	Groz
MX0470	A0011098	150 mm	Measuring	Stainless Steel	EA	Maxpower
MX0471	A0011099	300 mm	Measuring	Stainless Steel	EA	Maxpower
MX0472	A0011100	600 mm	Measuring	Stainless Steel	EA	Maxpower
MX0473	A0011101	1000 mm	Measuring	Stainless Steel	EA	Maxpower
RB0255	A0011948	600 mm	Folding	Stainless Steel	EA	Ross
MS0790	A0010414	1000 mm	Folding - 6 Section	Aluminium	EA	Ross
RB0225	A0011942	1000 mm	Clinometer	Plastic	EA	Ross
WB0200	A0015220	1000 mm	Clinometer	Plastic	EA	Webco
MX0474	A0011102	600 mm	Folding, Line of Chords	Stainless Steel	EA	Maxpower

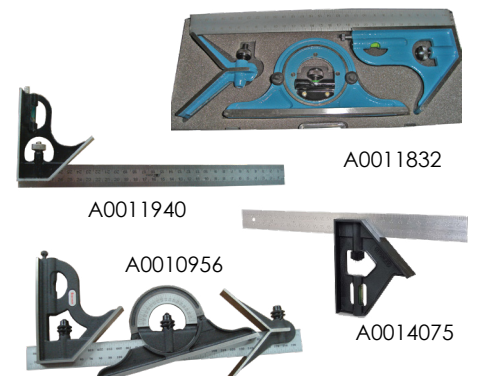
Engineers Scribers

Stock Code	System Code	Size	Type	Uom	Brand
EC0080	A0005733	170 mm	Handy	EA	Eclipse
EC0081	A0005734	170 mm	Pocket	EA	Eclipse
EC0082	A0005735	170 mm	Standard	EA	Eclipse



Square, Combination & Sets

Stock Code	System Code	Size	Set Quantity	Uom	Brand
QC0075	A0011832	300 mm	4 pc	EA	QCW
MU0040	A0005696	300 mm	4 pc	EA	QCW
ST0170	A0014238	300 mm	4 pc	EA	Starrett
MW0910	A0010956	300 mm	4 pc	EA	Moore & Wright
RB0190	A0011940	300 mm	2 pc	EA	Ross
SN0653	A0014075	300 mm	2 pc	EA	Stanley



MEASURING AND MARKING



Squares					
Stock Code	System Code	Size	Type	Uom	Brand
GR0009	A0007886	75 mm	Engineers	EA	Groz
MW0025	A0010933	75 mm	Engineers	EA	Moore & Wright
GR0001	A0038119	75 mm	Engineers	EA	Groz
MW0026	A0010934	100 mm	Engineers	EA	Moore & Wright
GR0010	A0007887	100 mm	Engineers	EA	Groz
MW0027	A0010935	150 mm	Engineers	EA	Moore & Wright
GR0011	A0007888	150 mm	Engineers	EA	Groz
GR0015	A0007889	300 mm	Engineers	EA	Groz
MW0030	A0010936	300 mm	Engineers	EA	Moore & Wright
SN0650	A0014074	400 x 600 mm	Rafter Metric	EA	Stanley
SN0654	A0014076	150 mm	Try/Mitre	EA	Stanley
SN0655	A0014077	200 mm	Try/Mitre	EA	Stanley
SN0656	A0014078	250 mm	Try/Mitre	EA	Stanley



MEASURING AND MARKING

Steel Figured Stencils (0-9)				
Stock Code	System Code	Size	Uom	Brand
BK0116	A0004579	25 mm	SET	Boker
BK0118	A0004580	40 mm	SET	Boker
GR1655	A0007987	50 mm	SET	Groz
BK0119	A0004581	70 mm	SET	Boker
GR1656	A0007988	100 mm	SET	Groz
BK0120	A0004582	100 mm	SET	Boker



Steel Letter Stencils (A-Z)				
Stock Code	System Code	Size	Uom	Brand
BK0125	A0004583	25 mm	SET	Boker
BK0126	A0004584	40 mm	SET	Boker
BK0127	A0004585	50 mm	SET	Boker
GR1650	A0007985	50 mm	SET	Groz
GR1651	A0007986	100 mm	SET	Groz



Tags					
Stock Code	System Code	Size	Type	Uom	Brand
MS0955	C0000883	30 x 50 mm	Brass	EA	MD
HP0000	A0008119	63.5 x 125 mm	Steel White	1000/Box	HP TAG



Multi Trammel Heads				
Stock Code	System Code	Uom	Brand	
KN0450	A0008617	PR	Kennedy	
EC0090	A0005736	PR	Eclipse	
CV0040	A0005618	PR	Curv-O-Mark	



Measuring Wheels with Counter Bag & Stand			
Stock Code	System Code	Distance	Uom
WB0300	A0015221	10 km	EA



Series 102 A0029403

Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029403	0-25	0.01	±2



A0029430

Series 103

Outside Micrometer Sets			
System Code	Range	No. of Micrometers per set	Graduation
	mm		mm
A0029430	0-150	6	0.01
A0029431	0-300	12	0.01
A0029432	150-300	6	0.01



up to 100 mm

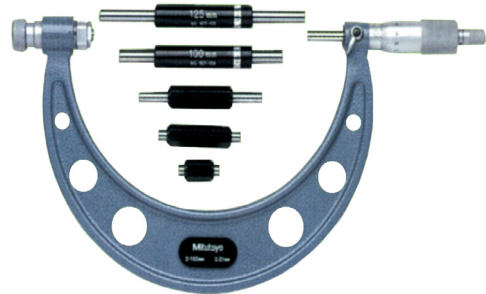


Above 100 mm

A0032306

Series 103

Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0032306	0-25	0.01	±2
A0031930	25-50	0.01	±2
A0029401	50-75	0.01	±2
A0029409	75-100	0.01	±3
A0029410	100-125	0.01	±3
A0029411	125-150	0.01	±3
A0029412	150-175	0.01	±4
A0029413	175-200	0.01	±4
A0029414	200-225	0.01	±4
A0029415	225-250	0.01	±5
A0029416	250-275	0.01	±5
A0029417	275-300	0.01	±5
A0029418	300-325	0.01	±6
A0029419	325-350	0.01	±6
A0029420	350-375	0.01	±6
A0029421	375-400	0.01	±7
A0029422	400-425	0.01	±7
A0029423	425-450	0.01	±7
A0029424	450-475	0.01	±8
A0029425	475-500	0.01	±8
A0029426	2"-3"	0.001"	0.0001"
A0029427	4"-5"	0.001"	0.0015"
A0029428	5"-6"	0.001"	0.0015"
A0029429	6"-7"	0.001"	0.0002"



A0029433

Series 104

Interchangeable Anvil Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029433	0-150	0.01	±(4+L/75)
A0029434	150-300	0.01	±(4+L/75)
A0029435	0-100	0.01	±(4+L/75)
A0029436	100-200	0.01	±(4+L/75)
A0029437	200-300	0.01	±(4+L/75)
A0010912	300-400	0.01	±(4+L/75)
A0029438	400-500	0.01	±(4+L/75)
A0029439	500-600	0.01	±(4+L/75)
A0029440	600-700	0.01	±(4+L/75)
A0029441	700-800	0.01	±(4+L/75)
A0029442	800-900	0.01	±(4+L/75)
A0029443	900-1000	0.01	±(4+L/75)



Series 105 A0029452

Large Diameter Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029452	1000-1100	0.01	$\pm(6+L/75)$
A0029453	1100-1200	0.01	$\pm(6+L/75)$



Series 122 A0029471

Blade Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029471	0-25	0.01	± 3
A0029472	25-50	0.01	± 3
A0029473	50-75	0.01	± 3
A0029474	75-100	0.01	± 4



A0029479

Rotating spindle (Series 123)

DISC Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029479	0-25	0.01	± 4
A0029480	25-50	0.01	± 4
A0029481	50-75	0.01	± 4



Series 115 A0029460

Tube Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029460	0-15	0.01	± 3
A0029461	0-25	0.01	± 3
A0029464	0-25	0.01	3



Series 112 A0029455

Point Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029455	0-25	0.01	± 3



Series 126 A0029493

Screw Thread Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0029493	0-25	0.01	± 4
A0029494	25-50	0.01	± 4
A0029495	50-75	0.01	± 4
A0029496	75-100	0.01	± 5

Measuring Tips			
System Code	Pitch Range	TPI Range	TPI Range
	M	UN60	Whit 55
A0029504	0.4-7	64-3.5	-
A0029504	0.4-0.5	64-48	-
A0029506	0.6-0.9	44-28	-
A0029507	1-1.75	24-14	-
A0029508	2-3	13-9	-
A0029509	3-5	8-5	-
A0029510	5.5-7.0	4.5-3	-
A0029512	-	-	60-48
A0029513	-	-	48-40
A0029514	-	-	40-32
A0029515	-	-	32-24
A0029516	-	-	24-18
A0029517	-	-	18-14
A0029518	-	-	14-10
A0029519	-	-	10-7
A0029520	-	-	7-4.5
A0029521	-	-	4.5-3.5



Series 118 A0029470

Sheet Metal Micrometers			
System Code	Capacity	Throat	Reading
	mm	mm	mm
A0029470	0-25	150	0.01



Series 193 A0028237

Digital Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028237	0-25	0.001	±2
A0010884	0-25	0.01	±2
A0028234	25-50	0.01	±2
A0028235	50-75	0.01	±2
A0028236	75-100	0.01	±3



Series 293

Coolant Proof Micrometers Quantumike			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028327	0-25	0.001	±1
A0028328	25-50	0.001	±1



Series 293 A0028343

Electronic Digital Outside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028343	0-25/0-1	0.001/0.00005	±1
A0028344	25-50/1-2	0.001/0.00005	±1
A0028345	50-75/2-3	0.001/0.00005	±1
A0028346	75-100/3-4	0.001/0.00005	±2

Electronic Digital Outside Micrometers - Metric			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028329	0-25	0.001	±1
A0028330	25-50	0.001	±1
A0028331	50-75	0.001	±1
A0028332	75-100	0.001	±2

Electronic Digital Outside Micrometers - Without SPC Output			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028333	0-25	0.001	±1
A0028334	25-50	0.001	±1
A0029323	50-75	0.001	±1
A0029409	75-100	0.001	±2



Series 293 A0028347

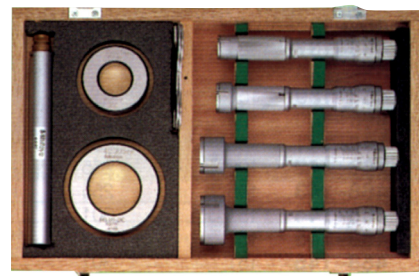
Digimatic Outside Micrometers - Economy			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028347	0-25/0-1	0.001	±2



Series 368

A0028400

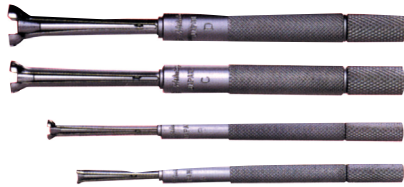
Three Point Inside Micrometers			
System Code	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028400	6-8	0.001	±2
A0028401	8-10	0.001	±2
A0028402	10-12	0.001	±2
A0028403	12-16	0.005	±2
A0028404	16-20	0.005	±2
A0028405	20-25	0.005	±3
A0028406	25-30	0.005	±3
A0028407	30-40	0.005	±3
A0028408	40-50	0.005	±3
A0028409	50-63	0.005	±3
A0028410	62-75	0.005	±3
A0028411	75-88	0.005	±3
A0029622	87-100	0.005	±3



A0028414

Series 368

Three Point Micrometers			
Mitutoyo no	Capacity	Graduation	Accuracy
	mm	mm	mm
A0028414	6-12	0.001	±2
A0028415	12-20	0.005	±2
A0028416	20-50	0.005	±3
A0028417	50-100	0.005	±3



Series 154

A0028145

Small Bore Gauges		
System Code	Capacity	Description
	mm	
A0028145	3-13	Set of 4. Used with a micrometer.

Inside Micrometer and Extension Rods



A0029540

Series 137

Micrometer Heads				
System Code	Range	Graduation	Travel	Min. Length
	mm			
A0029540	50-63	0.01	13	50

Micrometer Heads with Extension Rods - Steel Measuring Faces		
System Code	Range	Extension Rods
	mm	mm
A0029540	50-63	-
A0032327	50-150	13, 25, 50
A0029541	50-300	13, 25, 2 x 50, 100
G0009359	50-500	13, 25, 2 x 50, 100, 200
A0032328	50-1000	13, 25, 50, 2 x 100, 150, 200, 300
A0029542	50-1500	13, 25, 50, 2 x 100, 150, 2 x 200, 2 x 300

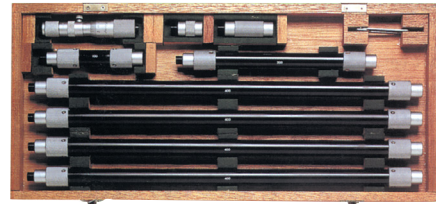
Micrometer Heads with Extension Rods - Carbide Measuring Faces		
System Code	Range	Extension Rods
	mm	mm
A0029543	50-1000	13, 25, 50, 2x100, 150, 200, 300
A0029544	50-1500	13, 25, 50, 2x100, 150, 2x200, 2x300



Series 133

A0029569

Tubular Inside Micrometers - Single Rod Type		
Mitutoyo no	Range	Description
	mm	
A0029569	50-150	4 heads per set
A0029539	50-300	10 heads per set



Series 139 & 140

A0029548

Inside Micrometer and Rods			
System Code	Range	Graduation	Extension Rods
	mm		
A0029548	100-1700	0.01	25, 50, 100, 200, 3 x 400
A0029549	100-2100	0.01	25, 50, 100, 200, 4 x 400
A0029551	1000-3000	0.01	50, 2 x 100, 200, 500, 1000



Series 141

A0029554

Inside Micrometers				
System Code	Range	Graduation	Travel	No. of Rods
	mm			
A0029554	25-50	0.01	7	2
A0029554	50-200	0.01	13	6



Series 145

A0029557

Inside Micrometers			
System Code	Range	Graduation	Accuracy
	mm		
A0029557	5-30	0.01	±5
A0029558	25-50	0.01	±6
A0029559	50-75	0.01	±7

Telescopic Gauges



Series 155

A0029559

Telescopic Gauge		
System Code	Measuring Range	Overall Length
	mm	mm
A0028146	8-12.7	110
A0028147	12.7-19	110
A0032339	19-32	110
A0034812	32-54	150
A0032340	54-90	150
A0029253	90-150	150
G0009419	8-150	Set of 6



Series 526

A0028545

Bore Gauges			
System Code	Measuring Range	Graduation Length	Probe Depth
	mm	mm	mm
A0028545	7-10	0.01	56
A0028546	10-18	0.01	62
A0028543	7-10	0.001	56
A0028544	10-18	0.001	62



Series 511

A0028487

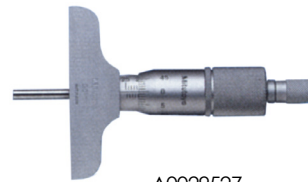
Bore Gauges			
System Code	Measuring Range	Graduation Length	Probe Depth
	mm	mm	mm
A0028487	18-35	0.01	100
A0028488	35-60	0.01	100
A0028489	50-100	0.01	150
A0028490	100-160	0.01	150
A0028491	160-250	0.01	150
A0028492	18-35	0.001	100
A0028493	35-60	0.001	100
A0028494	50-150	0.001	150
A0028496	18-150	0.01	Set of 4
A0028497	18-150	0.001	Set of 4



Series 209

A0028264

Inside Dial Caliper Gauges			
System Code	Measuring Range	Graduation Length	Leg Length
	mm	mm	mm
A0028264	10-35	0.025	80
A0028265	30-55	0.025	80
A0028266	50-75	0.025	80



Series 129

A0029527

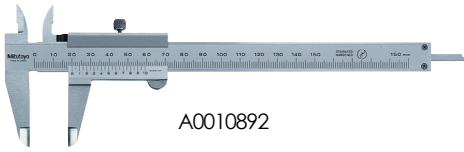
Depth Micrometers			
System Code	Measuring Range	Graduation Length	Reference Face Length
	mm	mm	mm
A0029527	0-25	0.01	63
A0029522	0-50	0.01	63
A0029523	0-100	0.01	63
A0029525	0-100	0.01	101
A0029524	0-150	0.01	63
A0010876	0-150	0.01	101
A0010911	0-300	0.01	101



A0028384

Series 329

Electronic Depth Micrometers			
System Code	Measuring Range	Graduation Length	Reference Face Length
	mm	mm	mm
A0028384	0-150	0.001	101
A0028386	0-300	0.001	101



A0010892

Series 530

Screw Lock Vernier Calipers - Metric			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0010892	0-150	0.05	±0.05
A0010900	0-200	0.05	±0.05
A0010905	0-300	0.05	±0.05



A0028157

Series 160

Nib Jaw Vernier Calipers with Fine Adjustment				
System Code	Measuring Range		Vernier Reading	Accuracy
	Internal	External		
	mm	mm	mm	mm
A0028157	10-300	0-300	0.02	±0.04
A0028158	20-450	0-450	0.02	±0.05
A0010899	20-600	0-600	0.02	±0.05
A0028152	20-1000	0-1000	0.02	±0.07

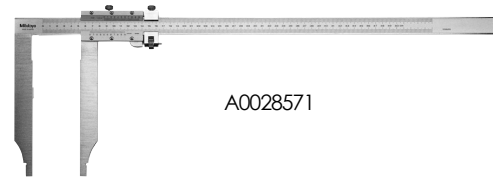
Metric/Imperial Calipers			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0028557	0-150/6"	0.05/1/128"	±0.05
A0028558	0-200/8"	0.05/1/128"	±0.05
A0010903	0-200/8"	0.05/0.001"	±0.03
A0028560	0-300/12"	0.05/0.001"	±0.04



A0010893

Series 531

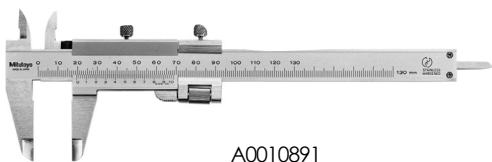
Auto Lock Vernier Calipers			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0010893	0-150	0.05	±0.05
A0010902	0-200	0.05	±0.05
A0010906	0-300	0.05	±0.08
A0028566	0-150/6"	0.02/0.001"	±0.03
A0028567	0-200/8"	0.02/0.001"	±0.03
A0028565	0-300/12"	0.02/0.001"	±0.04



A0028571

Series 534

Long Jaw Vernier Calipers with Fine Adjustment				
System Code	Measuring Range External	Jaw Depth	Vernier Reading	Accuracy
	mm	mm	mm	mm
A0028571	0-300	90	0.02	±0.04
A0028572	0-500	200	0.02	±0.06
A0028573	0-750	200	0.02	±0.08



A0010891

Series 532

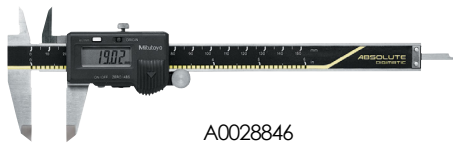
Vernier Calipers with Fine Adjustment			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0010891	0-130	0.02	±0.03
A0010901	0-180	0.02	±0.03
A0028568	0-280	0.02	±0.04



A0010897

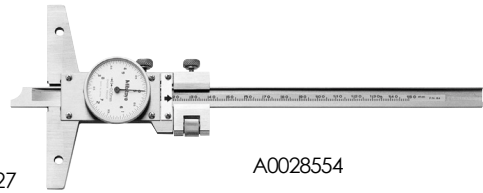
Series 505

Titanium Coated Dial Calipers				
System Code	Measuring Range mm	Dial Reading Graduation	Range per Rev.	Accuracy
	mm	mm	mm	mm
A0010897	0-150	0.02	2	±0.03



A0028846

Series 500



A0028554

Series 527

MEASURING AND MARKING

Electronic Calipers			
System Code	Measuring Range	Digital Readout	Accuracy
	mm	mm	mm
A0028846	0-150	0.01	±0.02
A0028451	0-150	0.01	±0.02
A0028444	0-200	0.01	±0.02
A0028445	0-300	0.01	±0.03
A0028457	0-600	0.01	±0.05
A0028449	0-150/6"	0.01/0.0005"	±0.02
A0010896	0-200/8"	0.01/0.0005"	±0.02
A0010904	0-300/12"	0.01/0.0005"	±0.03

Dial Depth Gauges with Fine Adjustment			
System Code	Measuring Range	Dial Reading	Accuracy
	mm	mm	mm
A0028554	0-150	0.05	±0.05
A0028555	0-200	0.05	±0.05
A0028556	0-300	0.05	±0.08

Waterproof Metric Calipers			
System Code	Measuring Range	Digital Readout	Accuracy
	mm	mm	mm
A0028462	0-150	0.01	±0.02
A0028463	0-200	0.01	±0.02
A0028466	0-200	0.01	±0.02
A0028464	0-300	0.01	±0.02

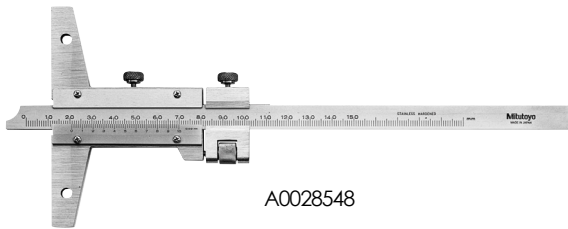


A0028618

Series 571

Waterproof Metric/Imperial			
System Code	Measuring Range	Digital Readout	Accuracy
	mm	mm	mm
A0028469	0-150/6"	0.01/0.0005"	±0.02

Electronic Depth Gauges			
System Code	Measuring Range	Digital Readout	Accuracy
	mm	mm	mm
A0028618	0-300	0.01	±0.02



A0028548

Series 527

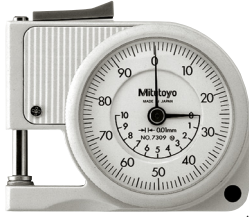
Depth Verniers with Fine Adjustment			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0028548	0-150	0.02	±0.03
A0028549	0-200	0.02	±0.03
A0028550	0-300	0.02	±0.04

Depth Verniers without Fine Adjustment			
System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0028551	0-150	0.05	±0.05
A0028552	0-200	0.05	±0.05
A0028553	0-300	0.05	±0.08



A0028647

Dial Depth Gauges			
System Code	Graduation Range	Reference	Face Length
	mm	mm	mm
A0028647	0-200	0.01	63.5
A0028648	0-200	0.01	101.6



A0028657

Pocket Thickness Gauges			
System Code	Measuring Range	Graduation	Throat Depth
	mm	mm	mm
A0028657	0-10	0.01	19



A0028650

Dial Thickness Gauges			
System Code	Measuring Range	Graduation	Throat Depth
	mm	mm	mm
Type A - Standard Type			
A0028650	0-10	0.01	30
A0028651	0-20	0.01	30
A0028656	0-10	0.001	30
Type E - For Tube Thickness			
A0028658	0-10 Tube	0.01	20
Type B - Deep Throat Type			
A0028654	0-10	0.01	120
A0028655	0-20	0.01	120



A0028908

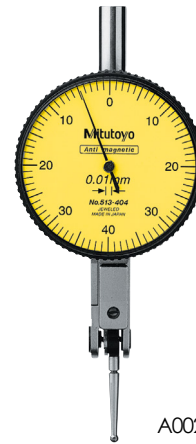
Dial Indicators				
System Code	Stroke	Graduation	Bezel	Comment
	mm	mm	mm	
A0028907	5	0.01	40	-
A0032381	10	0.01	55	-
A0028908	10	0.01	55	Waterproof
A0028260	10	0.01	55	Jeweled
A0028261	20	0.01	55	-
A0028262	30	0.01	55	-
A0032391	1	0.001	55	Micron Reading
A0028273	5	0.001	55	Micron Reading
A0028909	20	0.01	78	-
A0028369	30	0.01	75	-
A0028370	50	0.01	75	-



Series 513

A0028510

Finger Clocks					
System Code	Range	Graduation	Bezel	Stylus Length	Comment
	mm	mm	mm	mm	
A0028510	0.8	0.01	32	21	Full Set



Series 513

A0028500

Vertical Dial Test Indicators					
System Code	Range	Graduation	Bezel	Stylus Length	Comment
	mm	mm	mm	mm	
A0028500	0-0.2	0.002	38	14.7	Gauge Only
A0028501	0-0.2	0.002	38	14.7	Set
A0010887	0-0.8	0.01	38	20.9	Gauge Only
A0010890	0-0.8	0.01	38	20.9	Set



Series 513

A0028505

Horizontal Dial Test Indicators					
System Code	Range	Graduation	Bezel	Stylus Length	Comment
	mm	mm	mm	mm	
A0028505	0-0.8	0.01	38	20.9	Set



Without Dial Indicator
A0028241

Series 201

Dial Snap Gauges

System Code	Measuring Range	Anvil Size	Anvil Retracting Range
	mm	mm	mm
A0028241	0-25	13.5x12	2
A0028242	25-50	13.5x12	2
A0028243	50-75	13.5x12	2
A0028244	75-100	13.5x12	2

Supplied **without** a dial indicator. Dial indicators DI0-10 and 2046S can be used on this product.



Series 570

A0028611

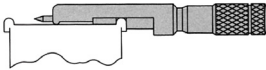
Can Seam Micrometers

Series 147

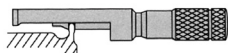


For Steel Cans

MCSMS

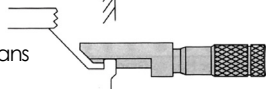


For Aluminium Cans



MCSMA

For Aerosol Spray Cans



MCSMAS

Electronic Height Gauges

System Code	Measuring Range	Resolution	Accuracy	Repeatability
	mm	mm	mm	mm
A0028611	300	0.01	±0.04	0.01
A0028612	600	0.01	±0.05	0.01

Can Seam Micrometers

System Code	Measuring Range	Graduation	Measuring Application
	mm	mm	mm
A0029564	0-13	0.01	Steel Cans
A0029565	0-13	0.01	Aluminium Cans
A0029566	0-13	0.01	Aerosol Spray Cans

Height Gauges



Series 514

A0025811



Series 192

A0028222

Can Seam Micrometers

System Code	Measuring Range	Vernier Reading	Accuracy
	mm	mm	mm
A0028511	300	0.02	±40
A0028512	450	0.02	±50
A0028513	600	0.02	±50

Double Beam Electronic Height Gauges

System Code	Measuring Range	Resolution	Accuracy	Repeatability
	mm	mm	mm	mm
A0028222	300	0.01	±0.02	0.01
A0028223	600	0.01	±0.05	0.01
A0028224	1000	0.01	±0.07	0.01



Highly Accurate Height Gauge. A0028538

Digital Height Gauges - Linear Height Lite

System Code	Measuring Height	Data Output	Accuracy	Resolution	Repeatability
	mm	mm	mm	mm	mm
A0028538	350	R5 - 232C	±0.01	0.005, 0.001	0.003



A0028159

Carbide Tipped Anvil. Non Rotating Spindle. Direct Reading.

Electronic Micrometer Heads

System Code	Measuring Height	Reading	Error Limits
	mm	mm	mm
A0028159	0-50	0.001	0.003



Series 543 A0028582



A0028319

Electronic Indicators

System Code	Measuring Range	Resolution	Stem	Accuracy
	mm	mm	mm	mm
A0028591	0-12	0.1/0.0005"	3/8	0.0008
A0028590	0-12	0.01	8	0.02
A0028580	0-12.7	0.001	8	0.003
A0028586	0-50.8	0.001	8	0.005

Electronic Mini Processor

System Code	Model Type	Output Data	Printer
A0028319	DP-IHS	RS-232C	Thermal dot matrix



Series 575 A0028632



A0028869

NOTE: only the base unit is sold. Optional accessories are extra.

Electronic Indicators

System Code	Measuring Range	Resolution	Stem	Accuracy
	mm	mm	mm	mm
A0028632	0-25	0.01	8	0.02

Magnetic Bases

System Code	Base			Column Length		Fine Adjustment
	W	L	H	Lower	Upper	
A0028869	50	60	55	176	165	Without
A0028870	50	60	55	176	150	With



A0028149



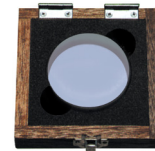
A0028181

Setting Rings			
System Code	Inside Ø	Cylindricity	Manufacturing Tolerance
	mm	mm	mm
A0028181	8	1	±0.01
A0028182	10	1	±0.01
A0028188	16	1	±0.01
A0028183	25	1	±0.01
A0028184	35	1	±0.01
A0028189	45	1	±0.01
A0028185	50	1	±0.02
A0028186	70	1.5	±0.02
A0028187	90	1.5	±0.02

Micrometer Stands		
System Code	Micrometer No.	Comment
A0028149	0-100	Adjustable Angle



A0028643



A0028150

Optical Flats				
System Code	To check Micrometer	Flatness	Parallelism	Ø
		um	um	mm
A0028150	0-25	1	2	30

Dial Comparator Stands			
System Code	Measuring Range	Fine Adjustment	Anvil
	mm	mm	
A0028643	0-100	2	Serrated Flat
A0028644	0-100	2	Flat



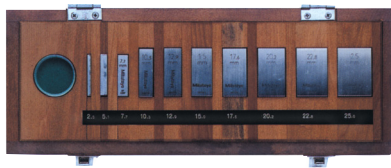
A0028522



A0028212

Slip Gauges			
System Code	No. of Pieces	Range	Grade
		mm	
A0028522	112	1.0005-100	0
A0028523	112	1.0005-100	1
A0028525	103	1.0005-100	0
A0028527	103	1.0005-100	1
A0028529	103	1.0005-100	2
A0028752	87	1.001-100	0
A0028530	87	1.001-100	1
A0028531	76	1.005-100	0
A0028532	56	1.001-100	2
A0028534	47	1.005-100	2
A0028535	32	1.005-60	1

Universal Bevel Protractors	
System Code	Blade Length
	mm
A0028212	150, 300 w/60°, 45°, 30° edges



A0028750

Slip Gauges for Micrometer Inspections				
System Code	No. of Pieces	Range	Grade Flat	Optical
	mm	mm	mm	mm
A0028750	10	2.5-25	0	12



516-807-10

Carbide Wear Blocks			
System Code	Size	Grade	No. of Pieces
	mm	mm	
516-807-10	1	0	2
516-802-10	2	1	2



A0028520

Slip Gauges Accessories		
System Code	No. of Pieces	Per Set
	mm	mm
A0028520	14	For slip gauges up to 100 mm



PJ-A3000



PJ-H30

Series 302

Profile Projectors			
System Code	X Y Range	Effective Table Area	Screen Ø
	mm	mm	mm
A0028741	50 x 50	82 x 82	315
A0028740	100 x 100	142 x 142	315

Profile Projectors		
Resolution	Standard Lens	Screen Centre Height
		mm
0.001	10x	854
0.001	10x	854

Slip Gauges for Micrometer Inspections					
System Code	X Y Range	Effective Table Area	Screen Ø	Resolution	Standard Lens
	mm	mm	mm	mm	mm
A0028357	100 x 100	180 x 150	315	0.001	10x



A0028715

Well suited for measuring dimensions and angles on machined components. It can also be used to check the shape of small components by attaching an optical reticle. Angle measurement is achieved by turning an angle scale disc to align the cross hair reticle with the workplace image.

Toolmakers Microscopes (TM500)				
System Code	X Y Range	Effective Table Area	Max. Work-place Height	Total Magnification
	mm	mm	mm	
A0028715	50 x 50	96 x 96	115	30x

A wide range of standard optical reticles and optical accessories are available. A wide range of Toolmakers microscopes with varying specifications are available on request. A price is quoted without micrometer heads, however, both mechanical and electronic heads are available. Please specify your preference.

Portable Surface Roughness Tester



A0028721

For highly accurate measurement of surface roughness. SJ-210

Portable Surface Roughness Tester			
System Code	Transverse Range	Measuring Range	Evaluation Parameters
	mm	µ	mm
A0028721	12.5	300 (±150)	Ra, Rq, Ry, Rz, Rt, Rp, Mr, S, Sm, Pc

A wide range of surface testers with varying specifications are available on request.



A0028734

Digital Read Out Systems

Spherosyn Transducers

Unlike traditional glass scales, Newall's linear encoders incorporate the precision of ball bearings and the durability of electro-magnetic technology to provide accurate and dependable measurement even under harsh workshop conditions. The unit is a totally sealed, non-contact system.



G0001941

Roundness Measuring Instruments - RA-120

System Code	Ø	Weight	Table Ø	Measuring Ø	Probing Height	Depth
	mm	kg	mm	mm	mm	mm
A0028734	440	25	150	280	280	100

A wide range of roundness testers with varying specifications are available on request.



A0028766

Used for on site hardness measurement. Can measure hardness on curved and flat surfaces. Measures L hardness (conforming to ASTM A 956)

Encoders	
System Code	Travel
	mm
G0001941	254
G0001888	152
G0001916	178
G0001921	203
G0001930	254
G0001941	305
G0001949	356
G0001954	406
G0001959	457
G0001962	508
G0001965	559
G0001968	610
G0001973	660
G0001975	711
G0001978	762
G0001981	762

Encoders	
System Code	Travel
	mm
G0001984	813
G0001986	864
G0001989	914
G0001992	965
G0001885	1016
G0001890	1067
G0001891	1118
G0001892	1168
G0001895	1219
G0001900	1270
G0001903	1321
G0001906	1372
SS1422E35	1422
G0001910	1473
G0001914	1524

* E35 Suffix = 3.5 mm cable
E70 Suffix = 7.0 mm cable

- Spherosyn Head (Std)
- Spherosyn Head (7 m cable)
- Scale Bracket Kit (Std)
- Single-End Mounting Bracket
- Heavy-Duty Bracket Kit

Microsyn transducers are available on request.

Portable Hardness Tester - HH411

System Code	Hardness Conversions
A0028766	Rockwell C Vickers Rockwell B Shore

A wide range of hardness testers with varying specifications are available on request.

DP 700 COUNTER

Digital Readout

This is the latest Newall product featuring a compact and ergonomic design. This powerful and easy-to-use Digital Readout, it can be interfaced to the market leading Spherosyn™ and Microsyn™ linear encoders with ease.

Designed for all machining applications, this DP700 digital readout features:

- Intuitive Use
- High Reliability
- A Panel Mount Version is also available



DP 700 Counter		
System Code	Travel	Resolution
	mm	um
G0001768	1	1,2,5,10,20,50
G0001789	2	1,2,5,10,20,50
G0001790	3	1,2,5,10,20,50

2 and 3 Axis Versions Available in a Mill and Lathe

DP 1200 DIGITAL READOUT

A New Dimension of Ultimate Performance

Engineered specifically for long travel machine tools, the DP1200 DRO offers features that are essential for increasing productivity of boring mills, planer mills, VTLs, milling machines and long travel lathes. Built with the operator in mind, the DP1200 includes large, clear numerical displays with a high resolution 3.5" TFT screen. With an intuitive user interface and an optional DSU, the DP1200 is the ideal solution for either retrofit or OEM.



DP 700 Counter	
System Code	No. of Axis
	um
G0001784	2
G0001785	3
G0001786	3 x 1
G0001787	4

Available in 2, 3 or 4 Axes (including rotary / angular)

- Clean, Crisp, Extra Large, LEDs
- 3.5" TFT LCD display - High Density, High Contrast
- User Definable Axis Legends
- Solid Cast Construction
- Long Life Membrane Keypad
- Safe, Low Voltage Power Supply (UL)
- A panel Mount Version is Available

DP1200 Features Include:

- Real-Time Tool Path Graphics
- Auto-Zoom
- Feed Rate Display
- Bolt Hole Circle Routine
- Line Hole Routine
- Arc Contouring
- Programmable Memory/Teach
- Polar Coordinate Readings
- Tool Offsets
- Taper Calculations
- Axis Vectoring/Summing
- Linear and Segmented Error Comp.
- Skew
- RS232 Output
- Languages: English, French, German, Spanish, Italian, Turkish, Czech, Russian, Portuguese and Danish.

Digital Read Out Systems

For accurate positioning on conventional machine tools. The same counter is suitable for both lathe and milling machines. Multifunctional 2 or 3 axis units. Features include an Arc calculation function, circular dividing, oblique line positioning, angular surface processing, taper measurement and mathematical calculation.



ISO9001

A0029746

Tool setting and broken tool detection Solutions

Tool checking probes for machining centres



TS27R

Contact tool setting and broken tool detection

- The standard setting probe for machining centres
- Precise tool length and diameter measurement
- Rotating tools can be checked without wear to the tool or stylus
- Stylus protected by a weak link, preventing probe damage in the event of a collision.

Component Set-Up & Inspection Solutions

Probe systems for Machining Centres



OMP40-2 with OMI-2T

Ultra-compact probe

- Ultra compact design - Ø40 mm x 50 mm in length.
- Probe transmits through a full 360° at 90° angle to the spindle with a range of over 4 m.
- Uses standard-sized 1/2 AA batteries and offers industry leading continuous-use battery life of over 140 hours.
- Ideal for use in small and compact machining centres, where space is at a premium.
- Suitable for use with Renishaw's twin probe system.

Digital Read Out Systems

System Code	Machine Axes	No. of Resolutions	Storage Memory
	mm	kg	mm
A0029746	2	0.5/.15	200
A0029747	3	0.5/.15	200



A0029766

Scales - Slim Line

System Code	Travel	Cable Length	Accuracy
	mm	m	mm
A0029766	220	3	0.005
A0029767	270	3	0.005
A0029768	320	3	0.005

Scales - Normal

System Code	Travel	Cable Length	Accuracy
	mm	m	mm
A0029770	370	3	0.005
A0029773	420	3	0.005
A0029774	420	3	0.005

Scales - Normal

System Code	Travel	Cable Length	Accuracy
	mm	m	mm
A0029772	420	3	0.005
A0029773	420	7	0.005
A0029776	470	3	0.005
A0029777	520	3	0.005
A0029778	570	3	0.005
A0029779	620	3	0.005
A0029780	670	3	0.005
A0029781	720	3	0.005
A0029782	820	3	0.005
A0029783	870	3	0.005
A0029784	920	3	0.005
A0029785	970	3	0.005
A0029753	1020	3	0.005

Scales - Normal

System Code	Travel	Cable Length	Accuracy
	mm	m	mm
A0029755	1100	3	0.005
A0029754	1100	7	0.005
A0029757	1200	3	0.005
A0029756	1200	7	0.005
A0029759	1400	3	0.005
A0029758	1400	7	0.005
A0029762	1600	3	0.005
A0029761	1600	7	0.005
SCALE1700Q	1700	3	0.005
A0029763	1700	7	0.005
SCALE1800/7Q	1800	7	0.005
A0029764	1900	7	0.005
A0029765	2100	7	0.005

Component Set-Up & Inspection Solutions

Probe systems used for machining centres.



OMP60-2 with OMI-2 / OMI-2T

State-of-the-art modulated optical transmission

- Compact size - Ø63 mm x 76 mm in length.
- Probe transmits through 360° at 90° angle to the spindle with a range of over 6m
- User selectable switch-on/switch-off methods.
- Simple probe configuration via Renishaw.

Tool Setting & Broken Tool Detection Solutions

Tool checking probes for machining centres



OTS

Tool Setting and Tool Breakage Detection

- Wireless optical communication.
- Precise tool length and diameter measurement.
- Stylus protected by weak link.

Styli & Accessories

When precision counts, insist on genuine Renishaw styli. Don't settle for less!



Styli and Accessories Continued

The Range of Genuine Renishaw styli :

- Straight Styli
- Star Styli
- Disc Styli
- Cylindrical Styli

Reprorubber



A0029728

Scales - Normal	
System Code	Description
A0029728	Quick set putting 220ml
A0029729	Thin pour 130ml

Metrology grade casting material

- Quick casting - Zero shrinkage
- No release agent required - will not stick to part.
- Exact surface finish replication.
- Copies can be re-copied.
- Replicas are permanent.
- 5 to 15 minute cure time.
- More accurate than RTV

Vision System Vumaster

VuMaster is a manual 2D vision system with a massive difference.



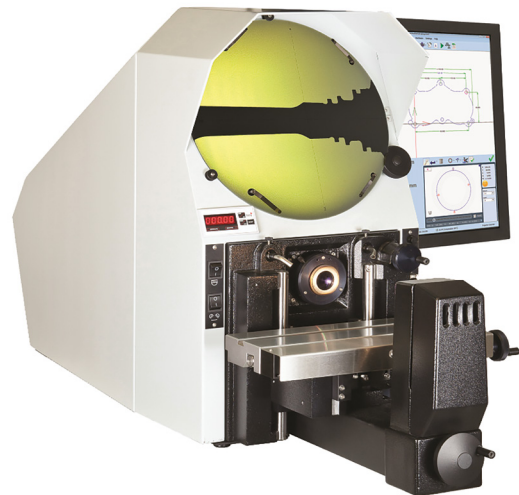
System code

A0029719

Standard Features :

- Large 400 mm x 300 mm measuring range
- Patented measuring technology
- Teach and repeat part programming
- Video edge detection
- Digital zoom
- Fully integrated system - everything is included: Built-in PC, 19" flat screen monitor and printer
- Programmable segmented LED lighting system
- Motorised autofocus
- Image grab
- CNC option available

Profile Projector R14



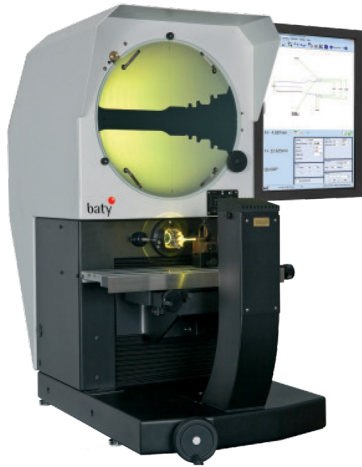
System Code

A0029723

Standard Features :

- 340 mm (14") screen with 90° crosslines and chart clips
- Profile illumination with halogen lamp and green filter
- Lens magnification choice : x10, x20, x25, x50, and x100
- Surface illumination (fibre optic)
- Helix adjustment of light source $\pm 7^\circ$ for accurate thread form projection
- Workstage with machined slot for holding accessories
- Workstage measuring range of 75 mm (7") x 100 mm (4")
- Digital angle measurement to 1 minute

Profile Projector R400



System Code
A0029724

Standard Features :

- 400 mm (16") screen with 90° crosslines and chart clips
- Profile illumination with halogen lamp and green filter
- Lens magnification choice : x10, x20, x25, x50, and x100
- Surface illumination (fibre optic)
- Helix adjustment of light source for accurate thread form projection
- Workstage with machined slot for holding accessories
- Workstage measuring range of 300 mm (12") x 150 mm (6")
- Digital angle measurement to 1 minute

Profile Projector R600



System Code
A0029725

Standard Features :

- 600 mm (24") screen with 90° crosslines and chart clips
- Heavy duty workstage with 450 mm x 200 mm (18" x 8") measuring range and 2 machined slots for workpiece holders
- Angular rotation of $\pm 15^\circ$ workstage for measuring thread-forms or cutting tools
- Vertical 200 mm (8") Y axis power driven with joystick control
- Lens magnification choice - x5, x10, x20, x25, x50, x100
- 4 position rotating lens turret for ease of lens changing
- Profile illumination with halogen lamp and green filter
- Screen hood and curtains for use in bright ambient light conditions
- Digital angle measurement

Profile Projector SM350



System code
On request

Standard Features :

- Fully usable 340 mm screen
- Digital screen protractor
- Built in helix adjustment
- Sturdy all-steel design
- Cross roller bearings
- Quick release 'X' and 'Y' travel
- Erect image
- Easy-view vertical screen
- Large stage travel 10" (250 mm) x 5" (125 mm)
- Rotating chart clips
- Fibre optic illumination for surface measurement
- Includes 10x lens

Electrical Arc Engraver

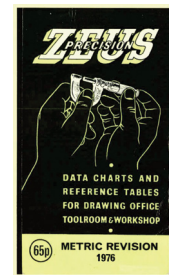


System code
A0029621

Description
Free hand electric arc engraver

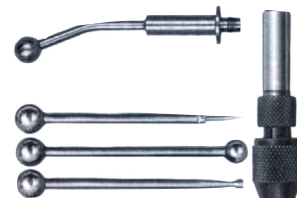


Zeus Data Books



System Code
A0010274

Wiggler Set

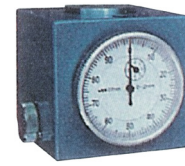


System code
WS

Description
Wiggler set



A0029624



A0029620

Edge Finders

System Code	Description	Shank Ø	Point Ø
	mm	mm	mm
A0029624	Single end edge finder	12	5

Z-Axis Seters

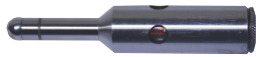
System Code	Height	Range	Graduation
	mm	mm	mm
A0029620	50	0-2	0.01



A0003510

Edge Finders

System Code	Shank Ø	Touch point	Body Ø	Overall Length	Concentricity
	mm	mm	mm	mm	mm
A0003510	10	10	19	82.5	0.005



G0002321



A0027985

Electronic Edge Finders

System Code	Body Ø	Probe Ø	Overall Length	Concentricity
	mm	mm	mm	mm
G0002321	20	10	96.5	0.01

3D Tasters

System Code	Accuracy	Indicator Ø	Graduation	Shank Ø h5
	mm	mm	mm	mm
A0027985	0.01	50	0.01	20



G0000978

Accu Centre Edge Finders

System Code	Small Ø	Large Ø	Overall Length	Repeatability
	mm	mm	mm	mm
G0000978	10	19	81.5	±0.002

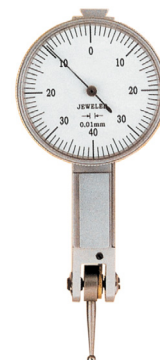


A0027991

Surface comparisons for milling, turning lapping, grinding and reaming.

Surface Roughness Comparators

System Code	No. of Specimens	Specimens Unit Size	Milling & Turning	Grinding	Lapping
	mm	mm			
A0027991	32	22X10	16, 32, 63, 125, 250, 500	2, 4, 8, 16, 32, 63	2, 4, 8



A0033988

Jeweled • Vibration proof • Pivot ball bearing • Carbide contact ball

Finger Clocks

System Code	Resolution	Travel	Bezel Ø	Contact Ball Ø
	mm	mm	mm	mm
A0033988	0.01	0.8	30	2



A002886

Vertical body dial test indicators with a horizontal face

Horizontal Finger Clocks				
System Code	Resolution	Travel	Accuracy	Bezel Ø
	mm	mm	mm	mm
A0028886	0.01	0.8	0.008	31.8



A002884

Electronic Digital Indicators				
System Code	Travel	Resolution	Bezel Ø	Stem
	mm	mm	mm	mm
A002884	10	0.01 mm/0.0005"	57	8



A0033138

Electronic Finger Clocks - Metric/Imperial					
System Code	Resolution	Bezel Width	Bezel Height	Ball Ø	Stylus Length
	mm	mm	mm	mm	mm
A0033138	0.01	50	37.5	2	26



A0028956



A0028888

Jeweled • Steel Body • with Back Lug

Dial Indicators			
System Code	Bezel Ø	Resolution	Travel
	mm	mm	
A0028888	42	0.01	3
A0028889	58	0.01	5
A0027995	58	0.01	10
A0028883	58	0.01	10-Shockproof
A0027995	58	0.001	1

Bore Gauges				
System Code	Range	Resolution	Depth	No. of Anvils
	mm	mm	mm	mm
A0028956	6-10	0.01	40	9
A0028957	10-18	0.01	100	9
A0028981	18-35	0.01	125	7
A0028954	35-50	0.01	150	3
A0028955	50-100	0.01	150	5
A0028937	50-160	0.01	150	5
A0028952	160-250	0.01	400	5
A0028953	250-450	0.01	400	5



A0002599



A0028901

Groove Tester				
System Code	Measuring Range	Graduation	Measuring Sphere Ø	Max. Measuring Depth
	mm	mm	mm	mm
A0028901	15-35	0.01	3	50
A0028902	35-55	0.01	3	80
A0028903	55-75	0.01	3	100
A0028904	75-95	0.01	3	100
A0028905	95-115	0.01	3.2	150
A0028900	115-135	0.01	3.2	150

Thickness Gauges			
System Code	Range	Reading	Throat Depth
	mm		mm
A0002599	0-10	0.01	100



A0029330



A0028827

Stainless Steel • Satin Chromed • Hardened • With Depth Rod

Electronic Thickness Gauges				
System Code	Range	Reading	Throat Depth	Anvil Ø
	mm	mm	mm	mm
A0029330	0-15	0.01	15	9
A0029331	0-25	0.01	20	9

Monoblock Vernier Calipers			
System Code	Measuring Range	Vernier Scale	Length of External Jaws
	mm	mm	mm
A0028827	150	0.02	40
A0028829	200	0.02	60
A0028832	300	0.02	60



A0029330



A0028823

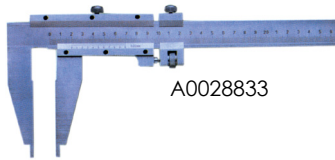
Pin Point Electronic Thickness Gauges				
System Code	Range	Reading	Throat Depth	Anvil Ø
	mm	mm	mm	mm
A0029330	0-15	0.01	35	2.0

Standard Vernier Calipers			
System Code	Measuring Range	Vernier Scale	Length of External Jaws
	mm	mm	mm
A0028823	100	0.02	30
A0028825	150	0.02	40
A0028843	150	0.05	40
A0028844	200	0.02	60
A0028845	300	0.02	60



A0028834

Metric/Imperial Calipers			
System Code	Measuring Range	Vernier Scale	Length of External Jaws
	mm	mm	mm
A0028834	150/6"	0.02 mm / 0.001"	40



A0028833

Comes with fine adjustment, but without a depth gauge

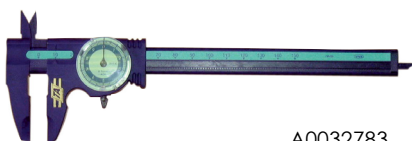
Large Capacity Calipers			
System Code	Measuring Range	Vernier Scale	Length of External Jaws
	mm	mm	mm
A0028833	500	0.02	100
A0014275	1000	0.02	125
A0028825	1500	0.02	125
A0028844	2000	0.02	150



A0028841

Stainless Steel • Satin Chromed • Hardened & Ground • With Depth Rod

Internal Groove Vernier Calipers					
System Code	Measuring Range	Vernier Scale	Flat Point Thickness	Flat Point Length	Permissible Error
	mm	mm	mm	mm	
A0028841	18-150	0.02	2.0	5.0	±0.02



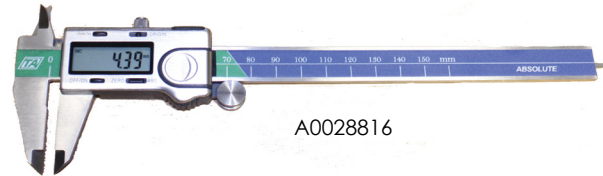
A0032783

Carbon Fibre Dial Verniers			
System Code	Measuring Range	Reading	Jaw Length
	mm	mm	mm
A0032783	0-150	0.01	40



A0028810

Dial Calipers					
System Code	Measuring Range	Reading	External Jaw Length	Internal Jaw Length	Accuracy
	mm	mm	mm	mm	mm
A0028810	0-150	0.02	40	17.3	±0.03
A0028811	0-200	0.02	50	20.3	±0.03
A0028812	0-300	0.02	60	21.3	±0.04



A0028816

Power on/off switch • Zero Setting at Any Position • Data Output Port
Protection Rating IP40.

Electronic Digital Calipers (Absolute)					
System Code	Measuring Range	Reading	External Jaw Length	Internal Jaw Length	Accuracy
	mm	mm	mm	mm	mm
A0028816	150	0.01 mm/0.0005"	40	17.3	±0.03
A0028817	200	0.01 mm/0.0005"	50	20.3	±0.03
A0028818	300	0.01 mm/0.0005"	60	21.3	±0.03

Water Resistant Calipers					
System Code	Measuring Range	Vernier Scale	External Jaw Length	Internal Jaw Length	Accuracy
	mm	mm	mm	mm	mm
A0028838	150	0.01 mm/0.0005"	40	17.3	±0.03



A0028819

Power on/off switch • Zero Setting at Any Position • Data Output Port.

Electronic Digital Calipers					
System Code	Measuring Range	Resolution	External Jaw Length	Min. MT Measure	Accuracy
	mm	mm inch	mm	mm	mm
A0028819	0-500	0.01/0.005	100	20	0.05
A0028837	0-1000	0.01/0.005	150	20	0.05
A0028838	0-1500	0.01/0.005	150	20	0.05



A0028821

Power on/off switch • Zero Setting at Any Position • Data Output Port.

Left Hand Electronic Digital Calipers

System Code	Measuring Range	Reading	External Jaw Length	Internal Jaw Length	Permissible Error
	mm	mm inch	mm	mm	mm
A0028821	150	0.01 mm/0.0005"	40	21	±0.03



A0029329

Power on/off switch • Zero Setting at Any Position • Data Output Port.

Electronic Digital Tube Calipers

System Code	Measuring Range	Reading	Jaw Pin Ø	Jaw Pin Length	Permissible Error
	mm	mm inch	mm	mm	mm
A0029329	0-150	0.01 mm/0.0005"	4	30	±0.03



A0028836

Power on/off switch • Data Output Port

Electronic Digital Internal Groove Calipers

System Code	Measuring Range	Reading	Flat Point Thickness	Flat Point Length	Permissible Error
	mm	mm inch	mm	mm	mm
A0028836	22-150	0.01 mm/0.0005"	1.0	6.0	±0.04

For use with electronic measuring instruments for statistical process control.

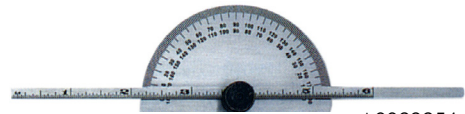


PRINTERC#

Electronic Printers

System Code	Measuring Range	Adaptor
PRINTERC#	Impact dot matrix to suit	AC adaptor (DCSV-17A)

Printer Features: Upper limits, lower limits, average values, standard deviations and number of measurements.



A0029256

Depth Gauges with Protractor

System Code	Protractor Ø	Rule Length	Rule Graduation
	mm	mm	mm
A0029256	75	150	0.5

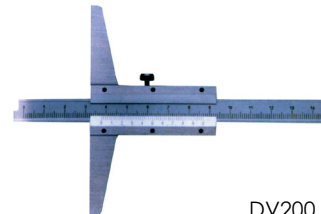


A0029255

Depth Gauges

System Code	Length of Bridge	Measuring Range	Rule Graduation
	mm	mm	mm
A0029255	75	150 std	0.5

Depth Verniers



DV200

Depth Verniers

System Code	Range	Vernier Scale	Length of Bridge
	mm	mm	mm
DV200	0-200	0.02	102
DV300	0-300	0.02	102

Verniers with Hook

System Code	Range	Vernier Scale	Length of Bridge
	mm	mm	mm
DVH200	0-200	0.02	102

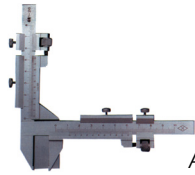
Electronic Digital Depth Gauges



A0028814

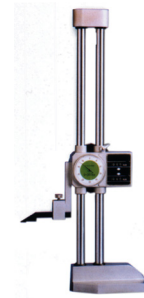
Electronic Digital Depth Gauges

System Code	Range	Reading	Length of Bridge
	mm	mm	mm
A0028814	0-200	0.01 mm/0.0005"	100
A0028815	0-300	0.01 mm/0.0005"	100



A0029156

Gear Tooth Verniers			
System Code	Measuring Range Module	Reading	Accuracy
	mm	mm	mm
A0029156	1-26	0.02	±0.02

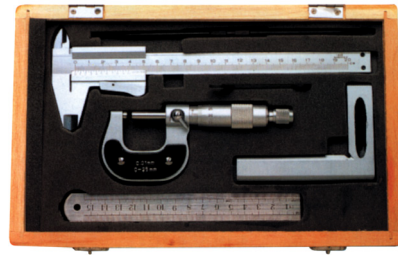


DBHG300

Double Beam Dial Height Gauges				
System Code	Measuring Height	Dial Reading	Counter Graduation	Accuracy
	mm	mm	mm	mm
DBHG300	300	0.01	1.0	±0.04
DBHG600	600	0.01	1.0	±0.05



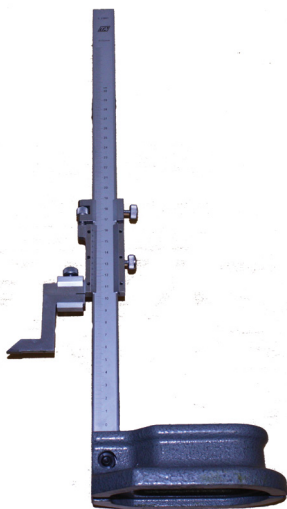
A0029616



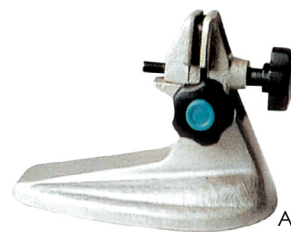
A0028822

Electronic Digital Height Gauges				
System Code	Measuring Height	Resolution	Scriber Length	Accuracy
	mm	mm	mm	mm
A0029616	300	0.01 mm/0.0005"	75	±0.04
A0029618	500	0.01 mm/0.0005"	100	±0.05

Measuring Kits	
System Code	Contents
A0028822	0-25 mm outside micrometer, 150 mm Vernier, Scriber, Square, Rule



A0028840



A0028867

Micrometer Stands				
System Code	Height	Width	Length	Weight
	mm	mm	mm	kg
A0028867	120	115	170	1.2



A0029372

Ratchet stop small barrel

Height Gauges				
System Code	Measuring Height	Resolution	Scriber Length	Accuracy
	mm	mm	mm	mm
A0028840	300	0.02	75	±0.04
A0028820	500	0.02	100	±0.05
A0028839	1000	0.02	110	±0.07

Micrometer Heads							
System Code	Measuring Range	Reading	Accuracy	Body Ø	Clamping Spigot Ø	Clamping Spigot Length	Overall Length
	mm	mm	mm	mm	mm	mm	mm
A0029372	0.25	0.01	0.003	18	12 - ⁰ / _{0.011}	17.5	113

Continued ...



Ratchet stop small barrel.

A0029349



A0029317

Carbide measuring faces. Ratchet stop.

Micrometer Heads

System Code	Measuring Range	Reading	Accuracy	Body Ø	Clamping Spigot Ø	Clamping Spigot Length	Overall Length
	mm	mm	mm	mm		mm	mm
A0029349	0.25	0.01	0.004	29	12 - $\frac{0}{0.011}$	17.5	115



A0029320

Includes carbide anvils, friction thimble and RS232 data output and DIN 863/1 DIN40050/IEC529.

Micrometer Head

System Code	Measuring Range	Reading	Accuracy	Clamping Spigot Ø
	mm	mm	mm	mm
A0029320	0-25/1"	0.001 mm/0.00005"	0.003	12 - $\frac{0}{0.011}$

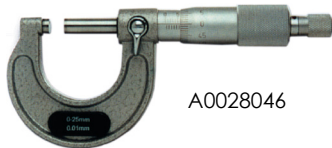


A0029350

Satin Chromed • For Measuring Small Components.

Mini Outside Micrometers

System Code	Measuring Range	Reading	Accuracy	Overall Length
	mm	mm	mm	mm
A0029350	0-15	0.01	±0.004	67.5



A0028046

Carbide measuring faces. Ratchet stop.

Outside Micrometers

System Code	Measuring Range	Reading	Accuracy
	mm	mm	mm
A0028046	0-25	0.01	±0.004
A0029289	25-50	0.01	±0.004
A0029291	50-75	0.01	±0.005
A0029292	75-100	0.01	±0.005



A0029348

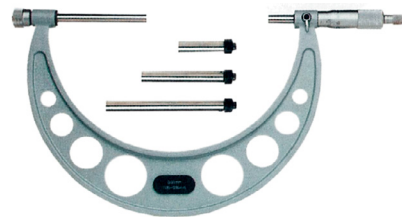
Carbide measuring faces. Ratchet stop.

Outside Micrometers - Left/Right Handed

System Code	Measuring Range	Reading	Accuracy
	mm	mm	mm
A0029348	0-25	0.01	±0.004

Outside Micrometers

System Code	Measuring Range	Reading	Accuracy
	mm	mm	mm
A0029317	100-125	0.01	±0.006
A0029352	125-150	0.01	±0.006
A0029386	150-175	0.01	±0.007
A0029388	175-200	0.01	±0.007
A0029354	200-225	0.01	±0.008
A0029355	225-250	0.01	±0.008
A0029356	250-275	0.01	±0.009
A0029357	275-300	0.01	±0.009

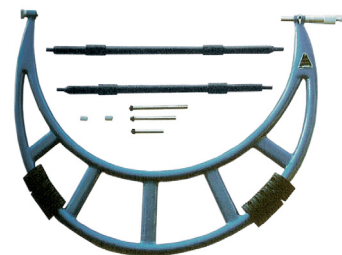


A0029364

Carbide measuring faces. Ratchet stop.

Interchangeable Anvil Micrometers

System Code	Measuring Range	Reading	No. of Anvils	No. of Standards
	mm	mm	mm	
A0029364	0-100	0.01	4	3
A0029365	100-200	0.01	4	4
A0029366	200-300	0.01	4	4

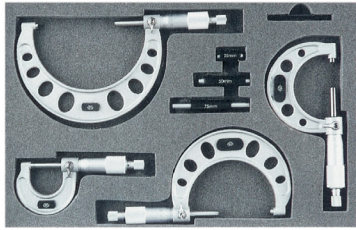


A0029290

Carbide measuring faces. Ratchet stop.

Large Diameter Outside Micrometers

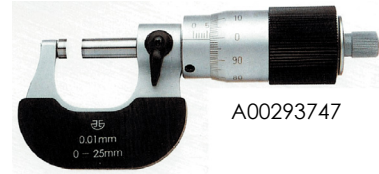
System Code	Measuring Range	Reading
	mm	mm
A0029290	300-400	0.01
A0029358	400-500	0.01
A0029359	500-600	0.01
A0029360	600-700	0.01
A0029361	700-800	0.01
A0029362	800-900	0.01
A0029363	900-1000	0.01



A0029282

Carbide measuring faces. Ratchet stop.

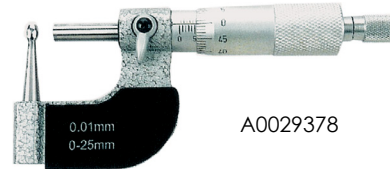
Sets of Outside Micrometers			
System Code	Measuring Range	No. of Micrometers	Reading
	mm	mm	mm
A0029282	0-100	4	0.01
A0029283	0-150	6	0.01
A0029287	150-300	6	0.01
A0029285	0-300	12	0.01



A00293747

Carbide Measuring Faces • Ratchet Friction Thimble.

Large Barrel Outside Micrometers					
System Code	Measuring Range	Reading	Accuracy	Barrel Ø	Anvil Ø
	mm	mm	mm	mm	mm
A0029347	0-25	0.01	±0.004	30	8



A0029378

Tube Micrometers				
System Code	Measuring Range	Graduation	Accuracy	Verticle Spindle Anvil Ø
	mm	mm	mm	mm
A0029378	0-25	0.01	±0.004	5



A0029321

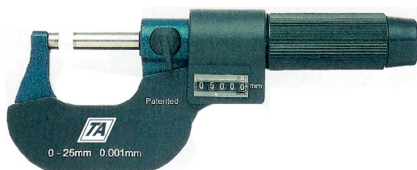
Carbide Measuring Faces • Ratchet Stop • Auto on/off • Zero Setting of Any Position • Relative and Absolute Measurement Interchangeability • With Data Holding Function.

Electronic Digital Outside Micrometers			
System Code	Measuring Range	Resolution	Accuracy
	mm	mm	mm
A0029321	0-25/0-1"	0.001 mm/0.00005"	0.004
A0029322	25-50/1-2"	0.001 mm/0.00005"	0.004
A0029323	50-75/2-3"	0.001 mm/0.00005"	0.005
A0029324	75-100/3-4"	0.001 mm/0.00005"	0.005



A0029379

Tube Micrometers (Type J)				
System Code	Measuring Range	Graduation	Accuracy	Min. Tube Bore
	mm	mm	mm	mm
A0029379	0-25	0.01	±0.004	10.0



A0029315

Carbide measuring faces.

Mechanical Digital Outside Micrometers				
System Code	Measuring Range	Reading	Anvil Ø	Accuracy
	mm	mm	mm	mm
A0029315	0-25	0.01	6.5	±0.004



A0029368

Carbide tipped anvils.

Pin Anvil Micrometers					
System Code	Measuring Range	Graduation	Pin Ø	Pin Length	Accuracy
	mm	mm	mm	mm	mm
A0029368	0-25	0.01	2.0	5.0	±0.004

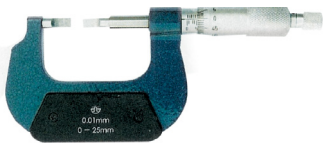


A0029369

Carbide points.

Point Micrometers

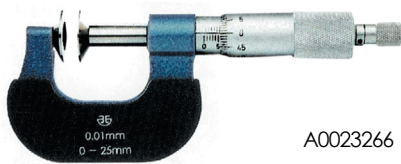
System Code	Measuring Range	Graduation	Point Angle	Accuracy
	mm	mm	mm	mm
A0029369	0-25	0.01	30°	±0.004



A0029309

Blade Micrometers

System Code	Measuring Range	Reading	Blade Thickness	Blade Length	Accuracy
	mm	mm	mm	mm	mm
A0029309	0-25	0.01	0.75	6.5	±0.004
A0029310	25-50	0.01	0.75	6.5	±0.004
A0029311	50-45	0.01	0.75	6.5	±0.005
A0029312	75-100	0.01	0.75	6.5	±0.005



A0023266

Disc Micrometers

System Code	Measuring Range	Reading	Disc Ø	Anvil Ø	Accuracy
	mm	mm	mm	mm	mm
A0023266	0-25	0.01	2.0	8	±0.004
A0023268	25-50	0.01	2.0	8	±0.004
A0023270	50-45	0.01	2.0	8	±0.005
A0023271	75-100	0.01	2.0	8	±0.005



Carbide measuring faces.

A0029319

Deep Throat Micrometers

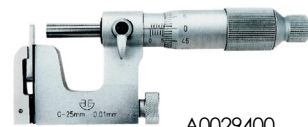
System Code	Measuring Range	Reading	Throat Depth	Anvil Ø	Accuracy
	mm	mm	mm	mm	mm
A0029319	0-25	0.01	50	6.5	±0.003



A0029350

Sheet Metal Micrometers

System Code	Measuring Range	Reading	Throat Depth	Anvil Ø	Accuracy
	mm	mm	mm	mm	mm
A0029350	0-15	0.01	50	6.5	±0.004



A0029400

Supplied with two interchangeable vertical anvils – round and flat. Used for measuring tube wall thickness, shoulder edge distance, rivet head height, etc.

Uni Micrometers

System Code	Measuring Range	Reading	Flat Anvil Width	Round Anvil Ø	Accuracy
	mm	mm	mm	mm	mm
A0029400	0-25	0.01	6.5	3.0	±0.004



A0029325

Non-rotating spindles. Interchangeable anvils, 60° & 55°.

Screw Thread Micrometers

System Code	Measuring Range	Reading	Anvil Shank Ø	Anvil Shank Length	Accuracy
	mm	mm		mm	mm
A0029325	0-25	0.01	5.0	15	±0.004
A0029326	25-50	0.01	5.0	15	±0.004
A0029327	50-75	0.01	5.0	15	±0.004
A0029328	75-100	0.01	5.0	15	±0.005

60° Anvils

System Code	Pitch Range Metric	TPI Range UN
	mm	mm
A0029293	4-0.5	64-48
A0029294	0.6-0.9	44-28
A0029295	1.0-1.75	24-14

60° Anvils

System Code	Pitch Range Metric	TPI Range UN
	mm	mm
A2-3	2-3	13-9
A3.5-5	3.5-5	8-5
A5-5.7	5-5.7	41/2-31/2

Supplied in pairs

55° Anvils

System Code	TPI Range
	W
A0029307	60-40
A0029305	48-40
A0029304	40-32
A0029302	32-24

55° Anvils

System Code	TPI Range
	W
A0029300	24-18
A0029298	18-14
A0029297	14-10

55° Anvils

System Code	TPI Range
	W
A0029296	10-7
A0029308	7-41/2
A0029303	41/2-31/2

Supplied in pairs.



A0029325

Non-rotating spindles. Interchangeable anvils, 60° & 55°. Absolute and relative measuring modes. Supplied complete with data output RS232C/SPC cables.

Electronic Screw Thread Micrometers

System Code	Measuring Range	Reading	Anvil Shank Ø	Anvil Shank Length	Accuracy
	mm	mm	mm	mm	mm
A0029325	0-25	0.001/0.00005"	5.0	15	±0.004
A0029326	25-50	0.001/0.00005"	5.0	15	±0.004
A0029327	50-75	0.001/0.00005"	5.0	15	±0.004
A0029328	75-100	0.001/0.00005"	5.0	15	±0.005

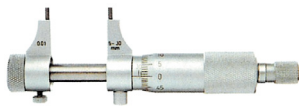


A0029346

Non-rotating spindles.

Internal Groove Micrometers

System Code	Measuring Range	Reading	Disc Thickness	Disc Ø	Anvil	Parallelism
	mm	mm	mm	mm	mm	
A0029346	0-25 1.6	0.01	0.75	6.5	3	0.01

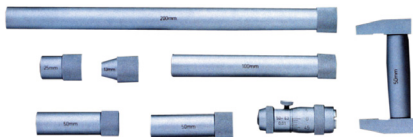


A0029314

Carbide Measuring Faces • Ratchet Stop.

Caliper Type Inside Micrometers

System Code	Measuring Range	Reading	Accuracy	Anvil Ø	Anvil Length
	mm	mm	mm	mm	mm
A0029314	5-30	0.01	±0.005	2.0	5.0
A0029313	25-50	0.01	±0.006	2.0	5.0



A0029280

Inside Micrometers

System Code	Measuring Range	Reading	No. of Extension Rods
	mm	mm	mm
A0029280	25-50	0.01	2
A0029281	50-300	0.01	5
A0029281	50-500	0.01	6
A0029545	50-1000	0.01	8
A0029542	50-1500	0.01	10

Accuracy: ± (3+n+L/50) µm

Three Point Micrometers

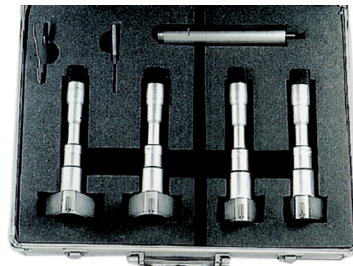
Carbide Lipped Contact Points • Supplied with Setting Rings



A0029339

Internal Groove Micrometers

System Code	Measuring Range	Reading	Disc Thickness	Disc Ø	Anvil Ø	Parallelism
	mm	mm	mm	mm	mm	mm
A0029339	3-4	0.001	0.004	4	22.5	0.5
A0029341	4-5	0.001	0.004	5	22.5	0.5
A0029343	5-6	0.001	0.004	6	22.5	0.5
A0029344	6-8	0.001	0.004	8	54.5	1.5
A0029345	8-10	0.001	0.004	8	54.5	1.5
A0029333	10-12	0.001	0.004	10	54.5	1.5
A0029334	12-16	0.005	0.004	16	80	0.5
A0029335	16-20	0.005	0.004	16	80	0.5
A0029336	20-25	0.005	0.004	25	90	0.5
A0029338	25-30	0.005	0.004	25	90	0.5
A0029340	30-40	0.005	0.004	40	97	0.5
A0029342	40-50	0.005	0.005	40	97	0.5
A0029393	50-63	0.005	0.005	62	114	0.5
A0029396	63-75	0.005	0.005	62	114	0.5
A0029397	75-88	0.005	0.005	87	114	0.5
A0029399	87-100	0.005	0.005	87	114	0.5



A0029394

Carbide Tipped Contact Points. Supplied Complete with Setting Ring Gauges

Sets of Three Point Micrometers

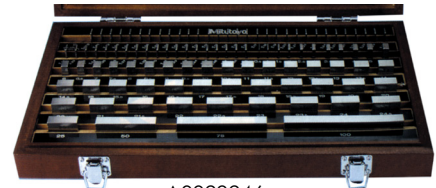
System Code	Measuring Range	Reading	No. of Gauges per Set	Number of Setting Rings	Extension Rods
	mm	mm	mm	mm	mm
A0029394	6-12	0.001	3	3	100
TPM11-20	11-20	0.005	2	1	150
TPM20-50	20-50	0.005	4	2	150

Pictures may vary from the actual product.



A0029339

Self-centering anvils. Carbide tipped contact points. Protection level IP54. RS232 data output. Supplied with setting rings.



A0029246

To DIN 861-1980. HRC ≥ 64.

MEASURING AND MARKING

Electronic Three Point Micrometers

System Code	Measuring Range		Reading		Accuracy	Setting Ring	Measuring Depth without Extension	Measuring Distance from Blind Hole
	mm	mm	inch	mm	mm	mm	mm	
A0029339	3-4	0.001	0.0005	0.004	4	22.5	0.5	
A0029341	4-5	0.001	0.0005	0.004	5	22.5	0.5	
A0029343	5-6	0.001	0.0005	0.004	6	22.5	0.5	
A0029344	6-8	0.001	0.0005	0.004	6	54.5	1.5	
A0029345	8-10	0.001	0.0005	0.004	8	54.5	1.5	
A0029333	10-12	0.001	0.0005	0.004	10	54.5	1.5	
A0029334	12-16	0.001	0.0005	0.004	16	80	0.5	
A0029335	16-20	0.001	0.0005	0.004	16	80	0.5	
A0029336	20-25	0.001	0.0005	0.004	25	90	0.5	
A0029338	25-30	0.001	0.0005	0.004	25	90	0.5	
A0029340	30-40	0.001	0.0005	0.004	40	97	0.5	
A0029342	40-50	0.001	0.0005	0.005	40	97	0.5	

Slip Gauges

System Code	No. of pieces	Grade		Nominal Dimensions	Steps	No. of Blocks
		mm	inch	mm	mm	mm
A0029246	47	2		1.005	-	1
				1.01-1.09	0.01	9
				1.1-1.9	0.1	9
				1-24	1	24
				25-100	25	4
A0028949	76	2		1.005	-	1
				1.01-1.49	0.01	49
				0.5-9.5	0.1	19
				10-50	10	5
A0029244	103	2		1.005	-	1
				1.01-1.49	0.01	49
				0.5-24.5	0.5	49
				25-100	25	1
A0028948	112	2		1.0005	-	1
				1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				0.5-24.5	0.05	49
				25-100	25	4
A0029245	112	0		1.0005	-	1
				1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				0.5-24.5	0.05	49
				25-100	25	4



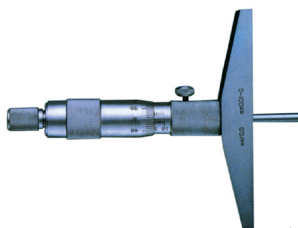
A0028148

Telescopic Gauges

System Code	Measuring Range	No. of Pieces per Set
	mm	
A0028148	0-150	6

Individual Measuring Range Ø /depth mm

A	B	C	D	E	F
8-12.7/102	12.7-19/102	19-32/102	32-54/102	54-90/102	90-150/102



A0028384



A0037766

Probes run on linear bearings and operate on the inductive principle. Set includes an electrical indicating instrument, pedal switch, SPC connecting cable, P1104, AC adaptor, software for data acquisition and an inductive probe.

Depth Micrometers

System Code	Measuring Range	Reading	Accuracy	Length of Base
	mm	mm	mm	mm
A0028384	0-150	0.01	±0.005	63

Surface Roughness Tester

System Code	No. of Pieces	Grade	Nominal Dimensions	Steps	No. of Blocks
	mm	mm	mm	mm	
A0037766	0.1	2000	RS232	8	0.2 + 3L ³



A0028022

Granite Plates				
System Code	Length	Width	Height	Grade
	mm	mm	mm	mm
A0028022	300	200	50	0
A0028023	300	300	70	0
A0028024	400	250	70	0
A0028025	630	400	100	0
A0028021	1000	630	150	0



A0020648

Granite Dial Comparator Stands						
System Code	Base Width	Base Length	Base Height	Column Ø	Column Length	Measuring Range
	mm	mm	mm	mm	mm	mm
A0020648	150	100	40	18	150	0-100



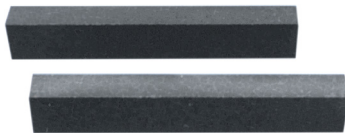
A0028015

Granite Squares				
System Code	Length	Breadth	Width	Grade
	mm	mm	mm	mm
A0028015	100	63	16	0
A0028016	160	100	20	0
A0028017	250	160	25	0



A0027993

Steel Dial Comparator Stands						
System Code	Base Width	Base Length	Base Height	Column Ø	Column Length	Measuring Range
	mm	mm	mm	mm	mm	mm
A0027993	140	85	40	25	220	0-100



A0001097

Granite Parallels				
System Code	Length	Height	Width	Grade
	mm	mm	mm	mm
A0001097	160	25	16	0
A0029085	250	40	25	0



A0028868

Used for affixing a dial test indicator to a pedestal drill or spindle



A0028019

Granite Straight Edges				
System Code	Length	Height	Width	Grade
	mm	mm	mm	mm
A0028019	400	60	25	0
A0028020	630	100	35	0
A0028018	1000	160	50	0

Universal Indicator Holders		
System Code	To Clamp on Quill Ø	Test Indicator Clamp
	mm	mm
A0028868	±48	Dovetail



A0028879



A0028880

Centering Arms			
System Code	Stem Ø	Bottom Arm	Top Arm
	mm	mm	mm
A0028879	8	56	51

Mini Magnetic Base with Central Clamping					
System Code	Magnetic Force	Clamp Ø	Base Width	Base Length	Height
	mm	mm	mm	mm	mm
A0028880	280N	8.0	16	60	32



A0028866



A0028871

Flexible Stem Magnetic Bases					
System Code	Magnetic Force	Clamp Ø	Base Width	Base Length	Base Height
	mm	mm	mm	mm	mm
A0028866	588N	8	54	70	50

Magnetic Bases				
System Code	Magnetic Force	Post	Arm	Attachment
	mm	mm	mm	mm
A0028871	800N	14x20	12x190	6, 8, 3/4" Dovetail & Back Lug



A0028875



A0028863

Without fine adjustment.

Magnetic Bases with Central Clamping					
System Code	Magnetic Force	Clamp Ø	Base Width	Base Length	Height
	mm	mm	mm	mm	mm
A0028875	800N	8.0	50	60	55

Magnetic Bases						
System Code	Magnetic Force	Clamp Ø	Base Width	Stem Length	Arm	Ø
	mm	mm	mm	mm	Ø	Ø
A0028863	588N	8.0	50	65	12	10



A0028864

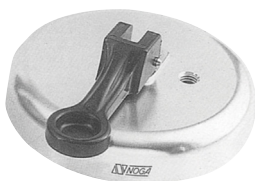
With fine adjustment.

Magnetic Bases					
System Code	Magnetic Force	Clamp Ø	Base Width	Base Length	Height
	mm	mm	mm	mm	mm
A0028864	588N	8.0	50	65	54



A0028776

Small Magnetic Stands				
System Code	Base Ø	Base Height	Overall Height	Magnetic Force
	mm	mm	mm	mm
A0028776	25	25	125	60N



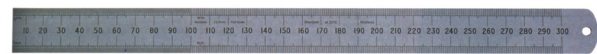
A0028873

Vacuum Bases			
System Code	Force (N)	Thread	Ø
	mm	mm	mm
A0028873	350	M8	92



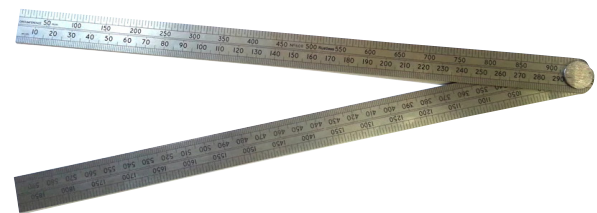
A0029686

Pocket Rules				
System Code	Magnetic Force	Graduation	Width	Thickness
	mm	mm	mm	mm
A0029686	150	1	7	0.1



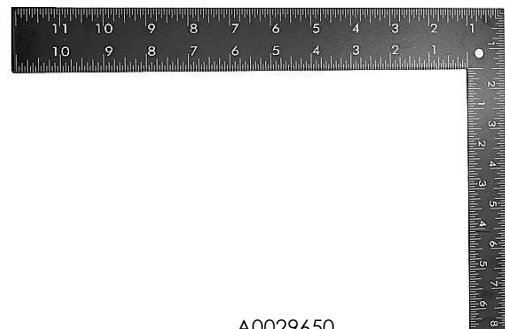
A0027826

Stainless Steel Rules				
System Code	Measuring Range	Graduation	Width	Thickness
	mm	mm	mm	mm
A0027826	100	0.5/1.0	16	0.5
A0029665	150	0.5/1.0	20	0.7
A0029648	300	0.5/1.0	28	1.0
A0029687	300	1.0/1/32	28	1.0
A0029665	500	1.0	26	1.0
A0029649	600	1.0	28	1.0
A0027827	1000	1.0	30	1.0



A0029647

Folding Steel Rules	
System Code	Dimensions
	mm
A0029647	300 x 300



A0029650

Steel Square Rules	
System Code	Dimensions
	mm
A0029650	400 x 600

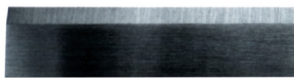


A0029663

DIN 874

Knife Straight Edges

System Code	Length	Width	Grade
	mm	mm	mm
A0029663	75	5	0
A0029660	100	5	0
A0029661	150	6	0
A0029662	200	6	0



A0029674

Ungraduated

Bevelled Straight Edges

System Code	Length	Width	Thickness	Grade
	mm	mm	mm	mm
A0029674	1000	40	5	2
A0029675	1500	40	5	2
A0029676	2000	40	5	2



A0029666

Ungraduated

Straight Edges

System Code	Length	Width	Thickness	Grade
	mm	mm	mm	mm
A0029666	500	30	6	2
A0029683	750	40	8	2
A0028018	1000	40	8	2
A0029675	1500	50	10	2
A0029676	2000	60	12	2
A0029681	2500	60	12	2
A0029682	3000	80	15	2
SE4000	4000	100	16	2



A0029684

Bevel edge

Graduated Straight Edges

System Code	Length	Width	Thickness	Grade
	mm	mm	mm	mm
A0029684	1000	40	5	2
A0029667	1500	40	5	2



DIN 875

A0029658

Precision Knife Edges Squares

System Code	Height	Base Length	Width	Grade
	mm	mm	mm	
A0029658	50	40	4	0
A0029659	75	50	4	0
A0029655	100	70	5	0
A0029656	150	100	6	0
A0029657	200	130	6	0



Wide base

A0029645

Engineers Squares

System Code	Nominal Size	Overall Height	Base Length	Base Height	Base Width
	mm	mm	mm	mm	mm
A0029645	50	72	52	19	13
A0029646	75	100	63	19	13
A0029640	100	125	75	19	13
A0029643	150	180	100	25	16
A0029644	200	145	125	32	16
A0029641	250	300	150	36	16
A0029642	300	350	200	36	18

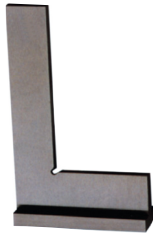


A0029654

Wide base. Dimension to DIN 875. Tolerances Grade 1.

Precision Engineer Squares

System Code	Height	Base Length	Base Height	Base Width	Grade DIN
	mm	mm	mm	mm	mm
A0029654	75	50	15	8	1
A0029651	100	70	20	12	1
A0029652	150	100	25	15	1
A0029653	200	130	28	18	1

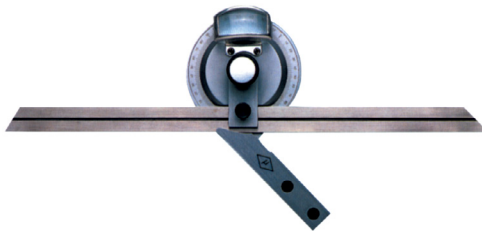


A0029637

Din 875 Stainless Steel

Flat Base Precision Squares

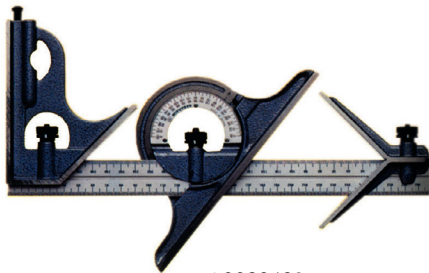
System Code	Height	Base Length	Grade	Section
	mm	mm		
A0029637	50	40	0	12x5
A0029639	75	50	0	15x5
A0029632	100	70	0	20x5
A0029633	150	100	0	25x5
A0029634	200	130	0	30x6
A0029677	250	160	0	35x7
A0029635	300	200	0	40x8
A0029636	400	265	0	45x10
A0029638	500	330	0	50x10



A0001664

Bevel Protractors

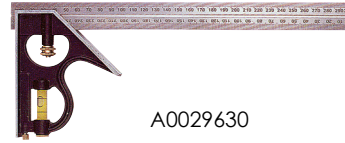
System Code	Reading Arc Minute	Accuracy	Division	Length of Ruler
				mm
A0001664	5	±5'	4x90°	300



A0029631

Combination Sets

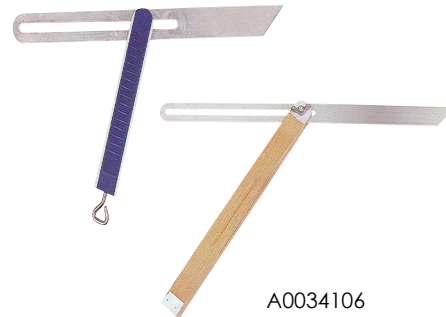
System Code	Protractor Reading	Accuracy	Range	Length of Ruler
				mm
A0029631	1°	±15'	0-180°	300



A0029630

Combination Squares

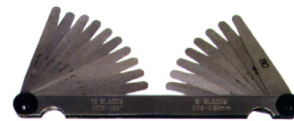
System Code	Dimensions
A0029630	300



A0034106

Sliding Bevel

System Code	Size	Handle
	mm	
A0034106	250	Wood
A0028942	300	Aluminium



A0028959

Feeler Gauges

System Code	No. of Leaves	Leaf Length	Sizes					
			mm					
A0028959	14	100	0.05	0.06	0.07	0.08	0.09	0.10
			0.15	0.20	0.25	0.30	0.35	0.40
			0.75	1.00				
A0028938	17	100	0.02	0.03	0.04	0.05	0.06	0.07
			0.08	0.09	0.10	0.15	0.20	0.25
			0.30	0.35	0.40	0.45	0.50	
A0028939	20	100	0.05	0.10	0.15	0.20	0.25	0.30
			0.35	0.40	0.45	0.50	0.55	0.60
			0.65	0.70	0.75	0.80	0.85	0.90
			0.95	1.00				
A0029257	26	100	0.03	0.04	0.05	0.06	0.08	0.09
			0.10	0.15	0.20	0.25	0.30	0.35
			0.40	0.45	0.50	0.55	0.60	0.65
			0.70	0.75	0.80	0.85	0.90	0.95



Feeler Gauges - Imperial

System Code	No. of Leafs	Leaf Length	Sizes		
			Inches		
A0033193	15	90	0.002	0.003	0.004
			0.005	0.006	0.008
			0.011	0.012	0.013
			0.014	0.016	0.018
			0.020	0.022	0.025
A0028960	26	90	0.0015	0.002	0.0025
			0.003	0.004	0.005
			0.006	0.007	0.008
			0.009	0.010	0.011
			0.012	0.013	0.014
			0.015	0.016	0.017
			0.018	0.019	0.020
			0.021	0.022	0.023
			0.024	0.025	



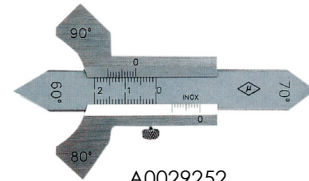
A0033193



A0029239

Radius Gauge Sets

System Code	Range	No. of Gauges	No. of Convex + Concave Measuring Faces/Gauge
A0029239	0.5-13	26	5



A0029252

Thread Pitch Gauges

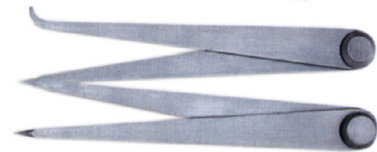
System Code	Thread Form	Angle	Pitch Range	No. of Blocks
A0024249	Metric	60°	0.4-6.0 mm	20
A0029250	Unified	60°	40-13 TPI	10
A0029251	Whitworth	55°	48-4 TPI	22
A0029249	Metric/Whitworth	60°	0.25-6.0 mm	52
		55°	62-4 TPI	52



A0028946

Weld Seam Gauges

System Code	Measuring Range	Reading	Angles
	mm	mm	
A0029252	0-20	0.01	60°, 70°, 80°, 90°



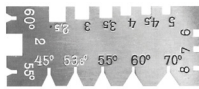
A0028805

Screw Cutting Gauges

System Code	Thread	Angle
A0028946	Metric	55°
A0028943	Whitworth	60°



A0000671



A0028944



A0028947

Trapezoidal and Acme

Screw Cutting Gauges

System Code	Thread	Angle	Pitch Range
			mm
A0000671	Trapezoidal	30°	2-12
A0028947	Square/Trapezoidal	55°, 60°, 30°	2-12
A0028944	Acme	29°	1-10



A0028941

Radius Gauges

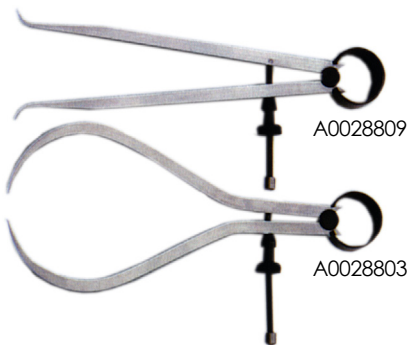
System Code	Measuring Range	Increments	No. of Leafs	Length of Leafs
		mm	mm	mm
A0028941	1-7	0.5	34	35
A0029241	7.5-15	0.5	32	40
A0029240	15-25	0.5	31	40

Firm Joint Calipers - Outside

System Code	Length
	mm
A0028805	100
A0028851	150
A0028806	200

Firm Joint Calipers - Inside

System Code	Length
	mm
A0028796	100
A0028849	150
A0028798	200



A0028809

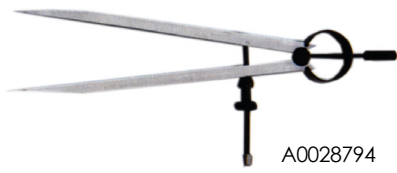
A0028803

Spring Joint Calipers - Outside

System Code	Length
	mm
A0028809	75
A0028788	100
A0028807	150
A0028789	200
A0028790	250
A0028808	300

Spring Joint Calipers - Inside

System Code	Length
	mm
A0028803	75
A0028799	100
A0028800	150
A0028801	200
A0028802	250
A0028850	300



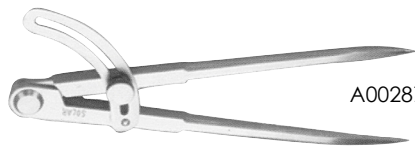
A0028794

Spring Joint Dividers		Spring Joint Dividers	
System Code	Length mm	System Code	Length mm
A0028794	75	D200	200
A0028786	100	D250	250
A0028783	150	D300	300

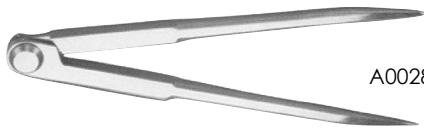


A0028804

Jenny Calipers	
System Code	Length mm
A0028804	150

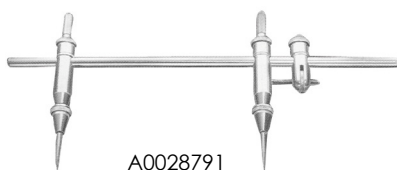


A0028777



A0028772

Compasses		
System Code	Description mm	Scribe Circle Diameter mm
A0028772	Plain Heavy-Duty Compass	150
A0028773	Plain Heavy-Duty Compass	200
A0028774	Plain Heavy-Duty Compass	250
A0028775	Plain Heavy-Duty Compass	300
A0028777	Heavy-Duty Compass with Wing	150
A0028778	Heavy-Duty Compass with Wing	200
A0028779	Heavy-Duty Compass with Wing	250
A0027992	Heavy-Duty Compass with Wing	300



A0028791

Steel Beam Trammels		
System Code	Size of Beam mm	Scribe Circle Diameter mm
A0028791	365	650



A0028781

Toolmaker Surface Gauges				
System Code	Length of Spindle	Length	Base Width mm	Height mm
A0028781	100 & 175	55	40	20
A0028782	225 & 300	82	63	25



A0028780

Double End Scribers		
System Code	Description mm	Length mm
A0028780	Hardened steel points	250



A0028940

Plastic Handle Double End Scribers		
System Code	Description mm	Length mm
A0028940	Hardened steel points with plastic handle	250



A0005734

Pocket Scriber		
System Code	Description mm	Length mm
A0005734	Carbide tip pocket scriber	160



A0029277

Measuring faces hardened, ground and scraped. Body enameled with a flat base and cross prisms.

Precision Block Spirit Levels				
System Code	Length mm	Width mm	Height mm	Accuracy mm
A0029277	100	40	32	0.2 mm/1000 mm
A0029226	150	40	32	0.2 mm/1000 mm



A0029273

Measuring faces hardened, ground and scraped. Body enameled. With flat and prismatic base.



A0023115

For measuring hardness on a variety of materials. With RS232 port for downloading data to PC or printer.

Precision Horizontal Spirit Levels

System Code	Length	Width	Height	Accuracy
	mm	mm	mm	mm
A0029273	150	42	40	0.05 / 1000
A0029267	200	42	40	0.05 / 1000
A0029274	250	42	40	0.05 / 1000
A0029275	300	42	40	0.05 / 1000

Portable Hardness Tester

System Code	HB	Measuring Range-Steel		HV	Accuracy Mean Uncertainty
					mm
A0023115	80-850	20-68	39-99	80-977	0.8%

MEASURING AND MARKING



A0029266

Measuring surfaces hardened, ground and scraped. Body enameled. With insulating handle. Two surfaces flat and two surfaces prismatic.



A0027997

Measuring range varies slightly dependant on material tested.

Digital Shore Durometers

System Code	Range	Resolution	Contact Point ø
A0027997	0-100HA	0.5HA	0.79
A0027999	0-100HD	0.5HD	SR0.1
A0027998	0-1100HC	0.5HC	SR2.5

Precision Frame Spirit Levels

System Code	Length	Width	Height	Accuracy
	mm	mm	mm	mm
A0029266	150	40	150	0.02 / 1000
A0029270	200	42	200	0.02 / 1000
A0029271	250	42	250	0.02 / 1000
A0029272	300	42	300	0.02 / 1000

Shore A Durometer: It is designed for testing the hardness of soft rubber, printer rollers and other elastomer materials.

Shore D Durometer: It is designed for testing the hardness of hard rubber, such as thermoplastics, plastic floor etc.

Shore C Durometer: It is designed for measuring foam, sponge.



A0029751

Conform to ISO 3804-1966 and 135891-1962 parts I and II for Rockwell hardness testing



Knob twist reset

A0028943

Stroke Counters

System Code	No. of Digits	Overall Height	Shaft Height	Overall Length	Max. Counting Speed
		mm	mm	mm	c/min.
A0028943	5	32	18.8	79.8	500



G0007964

Rockwell Hardness Tester

System Code	Test Range Rockwell	Penetrators for A+C Scale	Penetrators for Other Scale	Max. Test Height	Throat
				mm	mm
A0029751	A to K	120° diamond	1/16" steel ball	150	130

Length Counter

System Code	No. of Digits	Figure Size	Reading Meter	Reading Meter	Max. Speed per Minute
		mm	Min.	Max.	c/min.
G0007964	5	3.8x6.5	0.1	9999.9	200



A0028031



A002835

Hand Tally Counters			
System Code	No. of Digits	Base	Max. Display
A0028031	4	Without	9999

Mechanical Rev Counters				
System Code	Figure Size	No. of Digits	RPM	Rotation Torque
				g/cm
A002835	3x4.4	5	300	80



A0027439



A0027946

Used for determining the concentration of oil in water emulsions.

Digital Tachometers			
System Code	Surface Speed	Rotation	Accuracy
		RPM	
A0027439	0.1-1999.9m/min	1-99999	±0.05% of reading + 1 digit

Portable Refractometer			
System Code	Measuring Range	Min. Scale	Accuracy
A0027946	Brix 0-15%	0.2%	0.2%



MAXPOWER®



STANLEY

WEBCO

MEASURING AND MARKING

Measuring Tape

Stock Code	System Code	Blade	Type	Case	W	L	Uom	Brand
MS1035	A0010476	Rope	Diameter	-	-	2 m	EA	Haggie
MX0400	A0011077	Steel	Engineers	Rubber	16 mm	3 m	EA	Maxpower
SN0640	A0014069	Tylon Coated Steel	Pocket	Rubber	13 mm	3 m	EA	Stanley
MS2250	A0002093	Steel	Pocket	Rubber	16 mm	3 m	EA	Octo
SN0615	A0014065	Steel	Powerlock	Chrome Plated	13 mm	3 m	EA	Stanley
RB0095	A0011927	-	Diameter	-	13 mm	3.5 m	EA	Ross
MX0407	A0011079	Steel	Engineers	Rubber	25 mm	5 m	EA	Maxpower
SN0635	A0016373	Steel	Handyman	Abs Plastic	19 mm	5 m	EA	Stanley
MX0405	A0011078	Steel	Pocket	Chrome Plated	19 mm	5 m	EA	Maxpower
SN0641	A0014070	Tylon Coated Steel	Pocket	Rubber	19 mm	5 m	EA	Stanley
SN0645	A0014072	Steel	Pocket	Chrome Plated	32 mm	5 m	EA	Stanley
SN0616	A0014066	Steel	Powerlock	Chrome Plated	19 mm	5 m	EA	Stanley
MX0408	A0011080	Steel	Engineers	Rubber	25 mm	8 m	EA	Maxpower
SN0646	A0014073	Steel	Fatmax XI	Chrome Plated	32 mm	8 m	EA	Stanley
SN0642	A0014071	Tylon Coated Steel	Pocket	Rubber	25 mm	8 m	EA	Stanley
SN0617	A0014067	Steel	Powerlock	Chrome Plated	25 mm	8 m	EA	Stanley
SN0600	A0014058	Woven Fibre Glass	Closed Frame	Abs Plastic	12.7 mm	10m	EA	Stanley
MX0410	A0011081	Steel	Engineers	Rubber	13 mm	10 m	EA	Maxpower
SN0647	A0016116	Steel	Fatmax XI	Chrome Plated	32 mm	10 m	EA	Stanley
SN0618	A0014068	Steel	Powerlock	Chrome Plated	25 mm	10 m	EA	Stanley
WB0030	A0015193	Nylon Coated Steel	Surveyor	Abs Plastic	-	10 m	EA	Webco
WB0011	A0015190	Steel	Engineers	Abs Plastic	10 mm	15 m	EA	-
WB0050	A0015195	Woven Fibreglass	Mining	Abs Plastic	-	15 m	EA	Webco
SN0601	A0014059	Woven Fibreglass	Closed Frame	Abs Plastic	12.7 mm	20 m	EA	Stanley
SN0604	A0014062	Steel	Closed Frame	Abs Plastic	9.5 mm	20 m	EA	Stanley
WB0012	A0015191	Steel	Engineers	Abs Plastic	10 mm	20 m	EA	-
MX0415	A0011082	Steel	Engineers	Rubber	13 mm	20 m	EA	Maxpower
WB0068	A0015199	Woven Fibreglass	Engineers	Abs Plastic	13 mm	20 m	EA	-
SN0602	A0014060	Woven Fibreglass	Closed Frame	Abs Plastic	12.7 mm	30 m	EA	Stanley
SN0605	A0014063	Steel	Closed Frame	Abs Plastic	9.5 mm	30 m	EA	Stanley
MS1036	A0010477	Woven Fibreglass	Dipping	Abs Plastic	13 mm	30 m	EA	Freeman
WB0013	A0015192	Steel	Engineers	Abs Plastic	10 mm	30 m	EA	-
MX0420	A0011083	Steel	Engineers	Rubber	13 mm	30 m	EA	Maxpower
WB0100	A0038131	Spring Steel	Fish Tape	Abs Plastic	3 mm	30 m	EA	-
SN0606	A0014064	Woven Fibreglass	Mining	Open Frame	12.7 mm	30 m	EA	Stanley
WB0055	A0015196	Woven Fibreglass	Mining	Abs Plastic	-	30 m	EA	Webco
SN0603	A0014061	Woven Fibreglass	Closed Frame	Abs Plastic	12.7 mm	50 m	EA	Stanley
WB0114	A0015205	Steel	Engineers	Open Frame	13 mm	50 m	EA	Webco
WB0060	A0015197	Woven Fibreglass	Mining	Abs Plastic	-	60 m	EA	Webco
WB0110	A0015204	Nylon Coated Steel	Surveyor	Open Frame	-	60 m	EA	-
WB0115	A0015206	Steel	Engineers	Open Frame	-	100 m	EA	-



A0014069



A0014070



A0014071



A0011077



A0011079



A0011080



WB0000



A0014072



A0014073



A0016116



A0014065



A0014066



A0014067



A0014068



A0011927



A0010476



A0038131



A0015204



A0015205



A0015206



A0014060



A0014061



A0014058



A0014059



A0010477



A0015195



A0015196



A0015197



WB0010



A0015190



A0015193



A0015192



A0011082



A0011082



A0011083



A0014063



A0014062



A0015199



A0015193



A0014064