

Meemesin

Accessories Catalogue



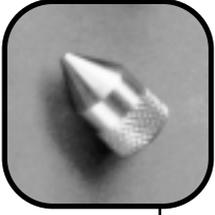
FORCE MEASUREMENT SOLUTIONS

Mecmesin

Accessories Catalogue

This catalogue is designed to give specifiers and quality control buyers a complete picture of the capabilities of Mecmesin force gauges and test stands. We strive constantly to keep our fixtures and accessories up to date, to aid compliance with quality standards worldwide. Our bespoke solutions cover as many applications as possible, to offer you the flexibility needed to complete any tension, compression or torque test necessary.

However, we acknowledge that we cannot stock fixtures to match every single application, and as such have an extensive Special Applications Department, which has unrivalled experience of drafting, designing and building custom solutions - no matter how complicated. The experienced engineers in SA have an expression - 'If you can draw it, we can build it!' Feel free to ask for more details.

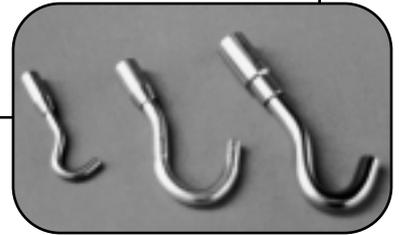
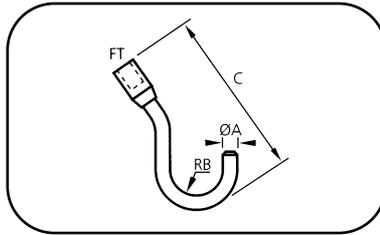


Hooks

Test Hooks - Fixed

ØA	RB	C
3.2mm (0.13")	4mm (0.16")	39mm (1.54")
6mm (0.24")	7mm (0.28")	68mm (2.68")
6mm (0.24")	7mm (0.28")	68mm (2.68")

RATED UP TO	FIXING THREAD	PART NO.
50N	10/32 UNF	432-118
1000N	10/32 UNF	432-120
2500N	5/16 UNC	432-122

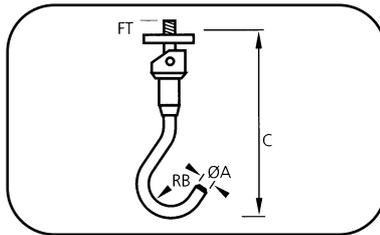


Test Hooks - Swivel

Swivel hooks specifically designed to facilitate easier operator set-up when testing tension springs. Usually used in conjunction with fixed test hooks.

ØA	RB	C
5mm (0.02")	9mm (0.35")	54mm (2.13")
6mm (0.24")	7mm (0.28")	83mm (3.27")

RATED UP TO	FIXING THREAD	PART NO.
500N	10/32 UNF	ACC008-15
1000N	10/32 UNF	ACC008-14

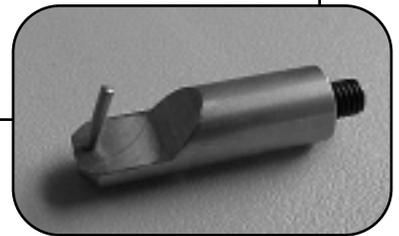
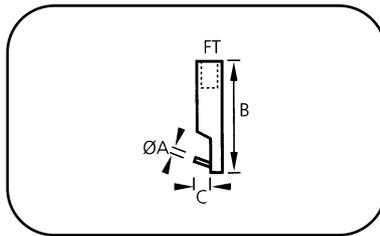


Peg Hooks

Designed for mounting small and miniature tension springs.

ØA	B	C
1.5mm (0.006")	30mm (1.18")	6.6mm (0.25")

RATED UP TO	FIXING THREAD	PART NO.
50N	10/32 UNF	ACC008-96

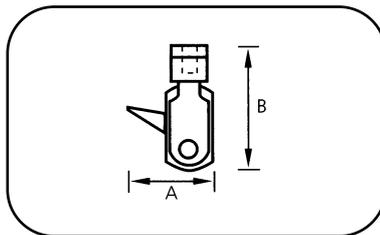


Flip Cap Accessory

Designed to test the opening force of flip caps.

A	B
25mm (0.98")	20mm (0.79")

RATED UP TO	FIXING THREAD	PART NO.
100N	10/32 UNF	ACC008-302

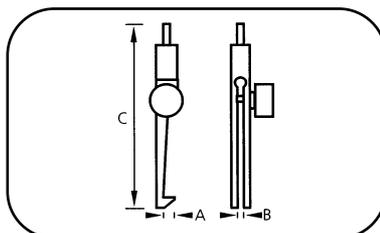


Adjustable Test Hook

Used for holding smaller crimp terminals for tests to BSI spec. BS5G178 PART 1 and equivalent international standards.

A	Max Jaw B	C
5mm (0.20")	2mm (0.08")	56.1mm (2.21")

RATED UP TO	FIXING THREAD	PART NO.
75N	10/32 UNF	ACC008-03

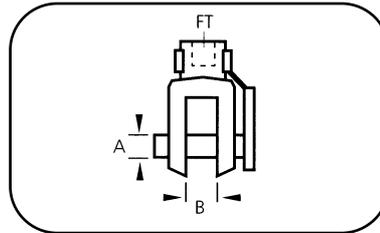


Clevis Grips

Designed for testing heavy-duty tension springs.

A	B
5mm (0.2")	5mm (0.2")
8mm (0.31")	8mm (0.31")

RATED UP TO	FIXING THREAD	PART NO.
500N	10/32 UNF	ACC008-98
1000N	5/16 UNC	ACC008-97

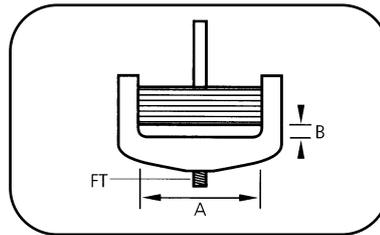


Lever Operated Cam Grips

Self tightening lever operated cam grips give positive locking on various materials for tensile testing.

MAX SAMPLE SIZE (AxB)	TYPE
30mm (1.18") x 5mm (0.2")	Smooth
70mm (2.76") x 5mm (0.2")	Smooth
30mm (1.18") x 5mm (0.2")	Serrated
70mm (2.76") x 5mm (0.2")	Serrated

RATED UP TO	FIXING THREAD	PART NO.
500N	10/32 UNF	ACC008-07S *
500N	10/32 UNF	ACC008-103S *
500N	10/32 UNF	ACC008-07
500N	10/32 UNF	ACC008-103

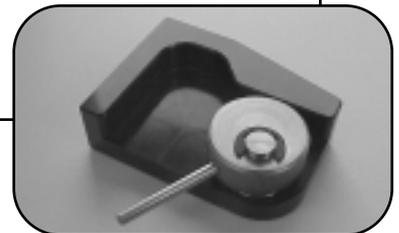
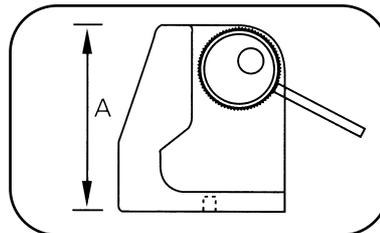


Cable Cam Grip

For test to BSI spec. BS5G178 PART 1 and equivalent international standards. Supplied with 10/32 UNF screw for mounting onto the base plate of the stand.

A	MAX CABLE Ø
75mm (2.95")	6mm (0.24")
75mm (2.95")	6mm (0.24")

RATED UP TO	TYPE	PART NO.
1000N	Serrated	ACC008-77
1000N	Smooth	ACC008-99 *

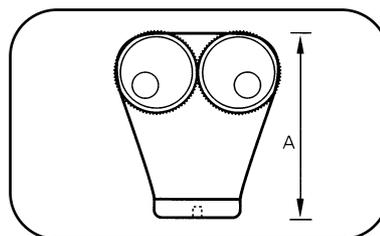


Double Cam Grip

Special quick acting double cam grip for rapid repeat tests to BSI spec. BS5G178 PART 1 and equivalent international standards. Supplied with 10/32 UNF screw for mounting onto the base plate.

A	MAX SAMPLE SIZE
36mm (1.42")	2mm (0.08")
62mm (2.45")	5mm (0.2")

MIN MAT RUN	RATED UP TO	PART NO.
10mm (0.40")	500N	ACC008-102 *
15mm (0.59")	1000N	ACC008-01

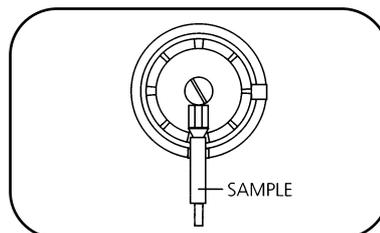


Rotational Crimp Receptacle

Crimp termination holder for tests to BSI spec. BS5G178 PART 1 and equivalent international standards. Adjustable for 8 sizes from 1.5mm (0.06") to 5mm (0.2").

SIZES	RATED UP TO
0.06" - 0.12"	1000N

FIXING THREAD	PART NO.
10/32 UNF and 15/16 UNC	ACC008-02



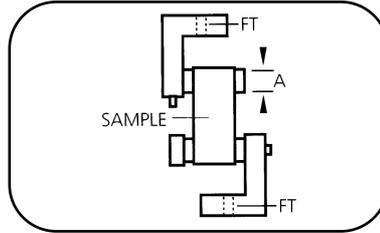
Grips

Film Grips

Used for flexible samples where conventional grips create stress points so reducing tensile strength. Here the sample is wrapped around the drum so spreading the load around the diameter.

SAMPLE WIDTH	A
50mm (1.95")	20mm (0.79")

RATED UP TO	FIXING THREAD	PART NO.
500N	10/32 UNF	SA100-466

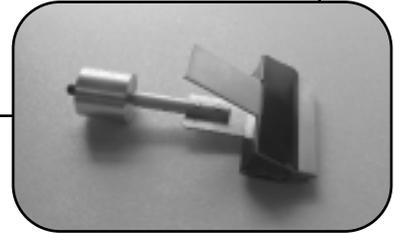
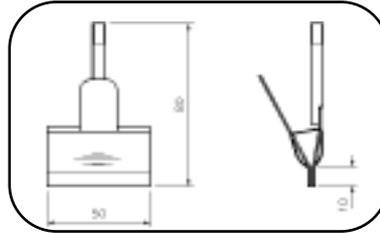


Miniature Vice Grip

A low mass vice grip for very low loads. Suitable for paper (including wet paper test), tissue, lightweight film and fabrics. Jaws are rubber coated for maximum friction.

SAMPLE THICKNESS	SAMPLE WIDTH
4mm (0.156")	50mm (1.95")

RATED UP TO	FIXING THREAD	PART NO.
5N	10/32 UNF	432-141

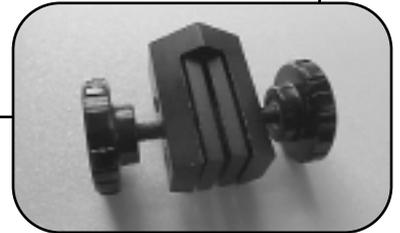
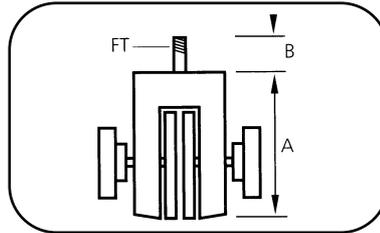


Parallel Jaw Grips

Individually controlled serrated jaws to accept a wide variety of test specimens.

A	B	MAX SAMPLE SIZE
57.1mm (2.25")	6mm (0.24")	30mm x 6mm

RATED UP TO	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-33

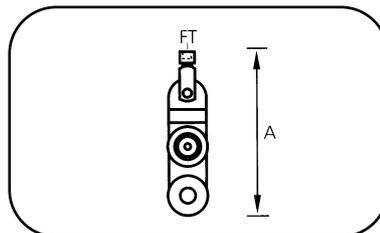


Wire / Filament Grips

Grooved mandrel and swivel plate designed to ensure centre break and specimen alignment when force is applied. For testing wire, yarn, cord and filaments.

Type	A	MAX WIRE Ø
Filament Grip	80mm (3.15")	0.8mm (0.03")
Wire Grip	100mm (3.95")	1.5mm (0.06")

RATED UP TO	FIXING THREAD	PART NO.
250N	10/32 UNF	ACC008-36
1000N	10/32 UNF	ACC008-35

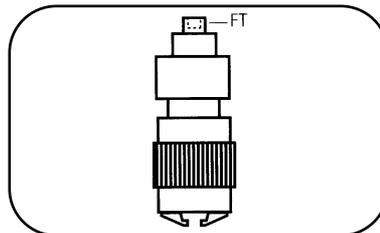


Multi Jaw Grip Fixture

A unique fixture, designed for gripping round and irregular shaped objects. Often used in the toy testing and clothing industries for pull-off tests of fasteners.

SAMPLE Ø
10mm - 45mm (0.39" - 1.77")

RATED UP TO	FIXING THREAD	PART NO.
500N	M6	ACC008-70

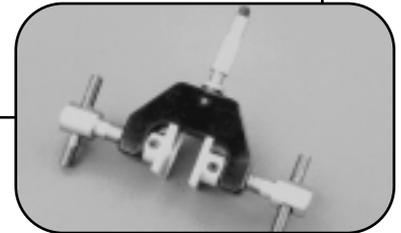
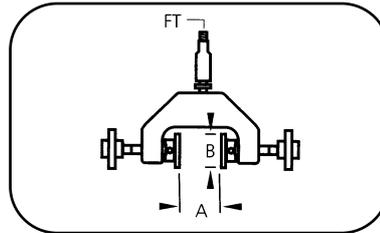


Small Parallel Grips

Rigid body with individually controlled serrated jaws. Floating ball screw attachment ensures central loading during tensile testing.

MAX SAMPLE SIZE A	JAW DEPTH B
10mm (0.39")	20mm (0.79")

RATED UP TO	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-21

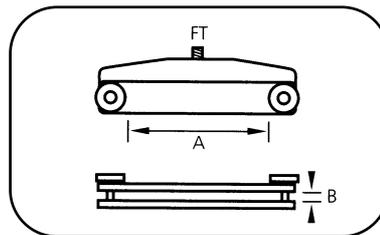


Fabric Grips

Designed for testing fabric to a number of different British and International Standards. Coated faces may be inserted to provide additional gripping strengths.

MAX SAMPLE SIZE A x B
50mm x 4mm (1.95" x 0.16")
100mm x 4mm (3.94" x 0.16")

RATED UP TO	FIXING THREAD	PART NO.
200N	10/32 UNF	ACC008-08
100N	10/32 UNF	ACC008-101

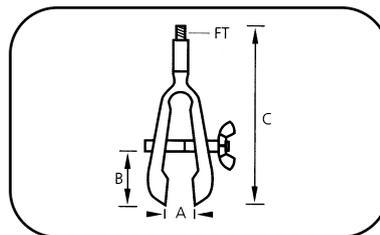


Pin Vice

General purpose pin vice, serrated grip with 1.5mm V groove to grip wire or connector pins.

MAX A	JAW DEPTH B	C
7mm (0.28")	20mm (0.8")	78mm (3.07")

RATED UP TO	FIXING THREAD	PART NO.
100N	10/32 UNF	ACC008-04

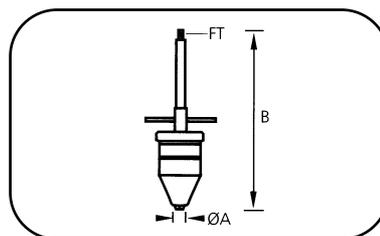


Pin Chuck

Designed for gripping circular or rod type specimens.

MAX SAMPLE ØA	B
2.5mm (0.1")	75mm (2.95")

RATED UP TO	FIXING THREAD	PART NO.
100N	10/32 UNF	ACC008-05

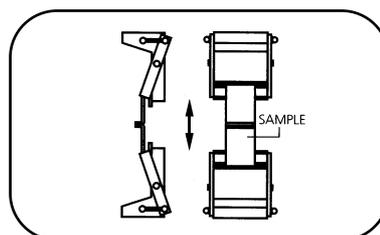


Spring Loaded Roller Grip

Designed to suit materials prone to slippage e.g woven textile, film, foam etc. By winding the sample around the surface of the roller, the load is spread, thereby increasing the gripping area.

SAMPLE WIDTH
100mm (3.95")

RATED UP TO	FIXING THREAD	PART NO.
2500N	10/32 UNF	SA100-938



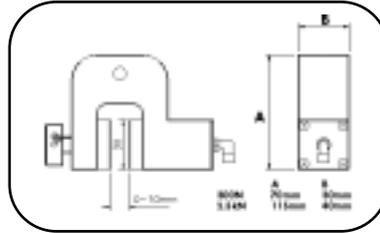
Grips

Pneumatic Grips

By using compressed air, the Pneumatic Grip is able to exert high pressure in a controlled manner for flat samples which are difficult to hold.

SAMPLE WIDTH	SAMPLE THICKNESS
30mm (1.18")	10mm (0.39")
40mm (1.57")	10mm (0.39")

RATED UP TO	FIXING THREAD	PART NO.
300N	10/32 UNF	432-139
2500N	5/16 UNC	432-140

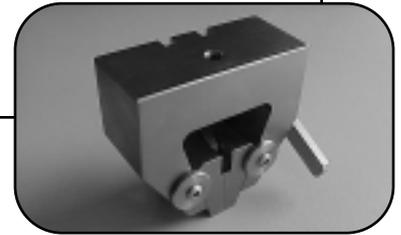
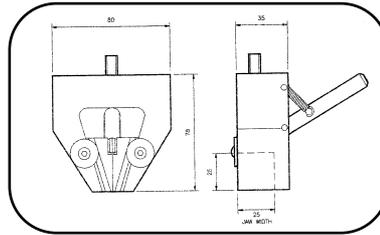


2.5kN Wedge Grips

General purpose lightweight wedge grip for flat and round samples.

JAW FACE TYPE	MAX THICKNESS
Flat (standard)	10mm (0.39")
Round (optional)	6mm (0.234")

RATED UP TO	FIXING THREAD	PART NO.
2,500N	5/16 UNC	432-146
2,500N	5/16 UNC	S24015

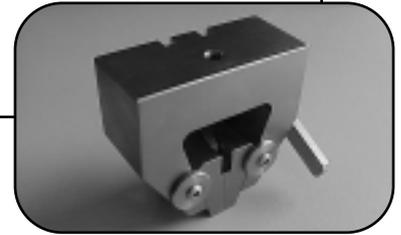
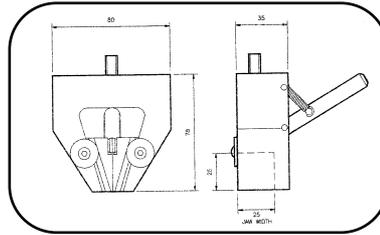


5kN Wedge Grips

General purpose lightweight wedge grip for flat and round samples.

JAW FACE TYPE	MAX THICKNESS
Flat (standard)	10mm (0.39")
Flat (optional)	20mm (0.78")
Round (optional)	12mm (0.468")

RATED UP TO	FIXING THREAD	PART NO.
5,000N	5/16 UNC	432-149
5,000N	5/16 UNC	S03009
5,000N	5/16 UNC	S03018

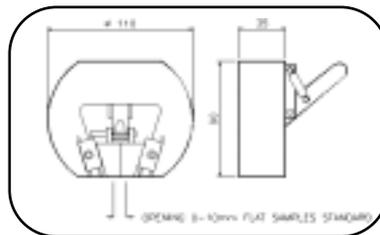


10kN Wedge Grips

General purpose wedge grip for flat and round samples.

JAW FACE TYPE	MAX THICKNESS
Flat (standard)	10mm (0.39")
Flat (optional)	20mm (0.78")
Round (optional)	12mm (0.468")

RATED UP TO	FIXING THREAD	PART NO.
10,000N	M10	432-150
10,000N	M10	S03009
10,000N	M10	S03018

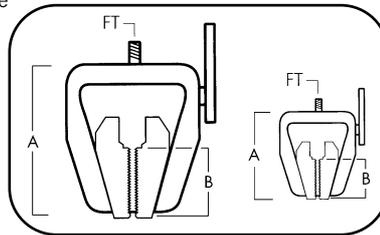


1kN & 5kN Wedge Grips

These self tightening tensile grips feature lever operated quick release serrated jaws, so providing excellent sample grip, on a variety of materials

A	B	MAX THICKNESS
51mm (2.007")	17mm (0.67")	5mm (0.02")
82mm (3.23")	28mm (1.10")	10mm (0.39")

RATED UP TO	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-100
5000N	5/16 UNC	ACC008-41

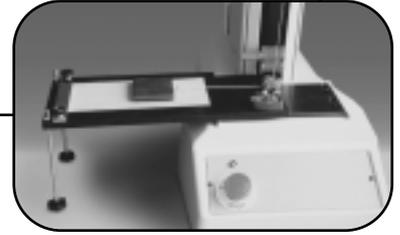
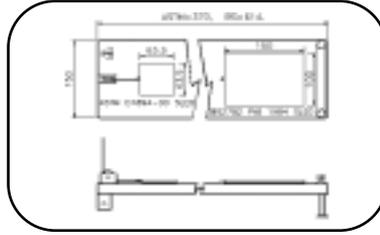


Coefficient of Sliding Friction

Designed to measure the coefficient of friction between two pieces of film at a constant speed with a fixed pressure between surfaces.

STANDARD	SAMPLE SIZE
BS2782 PT8 1984	150 x 100mm (5.85 x 3.9")
ASTM D1894-90	63.5 x 63.5mm (2.47 x 2.47")

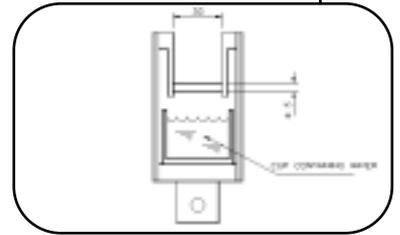
LENGTH	PART NO.
614mm (24")	432-145
370mm (14.43")	432-144



Finch Device BS 2922 Pt 2

For carrying out tensile tests on wet paper samples. It has a built in soaking device to avoid the handling of wet paper.

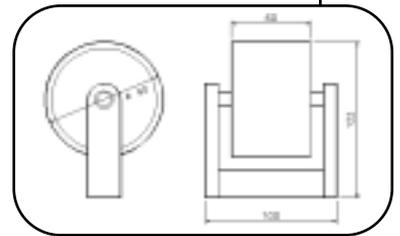
ØA	SAMPLE WIDTH MIN.	IMMERSION	PART NO.
7mm (0.28")	28mm (1.092")	19mm (0.741")	432-148



DIN 5357 German Wheel Test

Used to test adhesive-backed substrates for peel strength.

ØA	SAMPLE WIDTH	C	RATED UP TO	PART NO.
90mm (3.51")	50mm (1.95")	75mm (2.95")	1000N	432-142

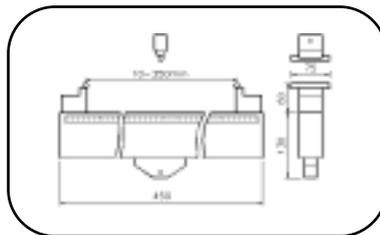


10kN Three Point Bend Jig

SPAN	SAMPLE WIDTH
10mm - 350mm (0.39" - 13.65")	75mm (2.925")

RATED UP TO	FIXING THREAD	PART NO.
10,000N	5/16 UNC	432-143

OPTION	PART NO.
4 point bend attachment	S05006
Transducer mounting kit	S05008



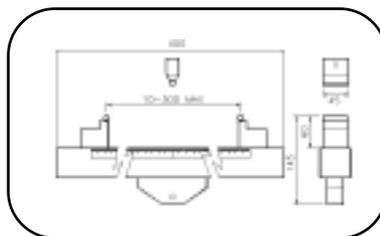
2.5kN Three Point Bend Jig

A simple 3 point bend jig that relies on the test machine to maintain alignment between the top and bottom parts. A 4 point attachment is also available.

SPAN	SAMPLE WIDTH
10mm - 300mm (0.39" - 11.7")	45mm (1.755")

RATED UP TO	FIXING THREAD	PART NO.
2,500N	10/32 UNF	432-151

OPTION	PART NO.
4 point bend attachment	S05006

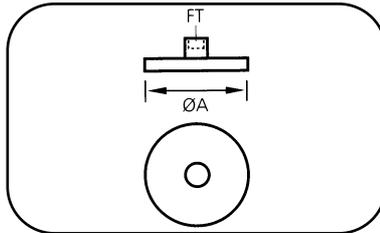


Compression Plates

Hardened & Ground

For spring testing and general compression tests.

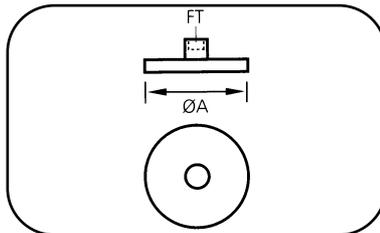
ØA	FIXING THREAD	PART NO.
12mm (0.47")	10/32 UNF	ACC008-92
19mm (0.75")	10/32 UNF	ACC008-93
50mm (1.95")	10/32 UNF	ACC008-94
70mm (2.76")	5/16 UNC	406-010
70mm (2.76")	M10	406-304
100mm (3.94")	5/16 UNC	406-046



Nickel Plated

For general compression tests.

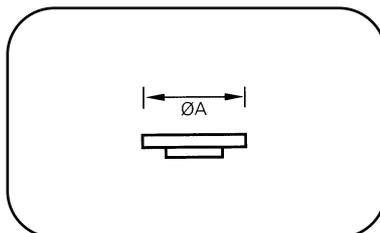
ØA	FIXING THREAD	PART NO.
12mm (0.47")	10/32 UNF	432-119
19mm (0.75")	10/32 UNF	432-121
19mm (0.75")	5/16 UNC	432-125
50mm (1.95")	10/32 UNF	ACC008-06
50mm (1.95")	5/16 UNC	ACC008-108



Oil Black Finish

Fits into the MWD base plate.

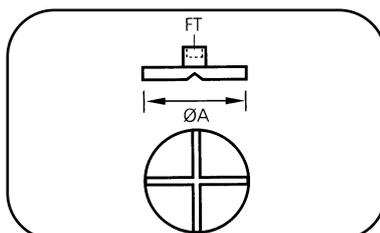
ØA	FIXING THREAD	PART NO.
100mm (3.94")	Lower Plattern	406-047
175mm (6.89")	Lower Plattern	432-152



Vented

Allows air-release during top-load testing. For use with tests to ASTM D2659.

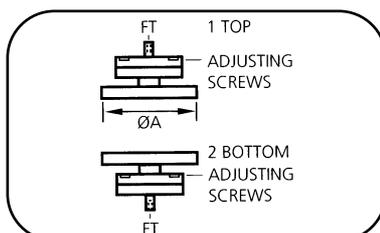
ØA	FIXING THREAD	PART NO.
50mm (1.95")	10/32 UNF	406-196 *



Self Levelling

Self levelling compression plates allow parallelism to be set for accurate spring testing. Hardened and Ground. Supplied for either top or bottom use. 10/32 or 5/16 fixing thread available.

ØA	DIAGRAM	PART NO.
50mm (1.95")	1 & 2	ACC008-95 *
100mm (3.94")	1	ACC008-951 *
175mm (6.89")	1	ACC008-952 *



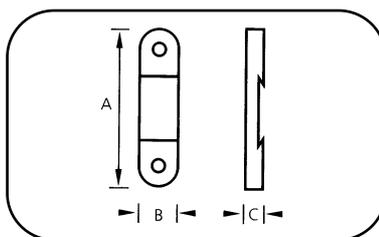
Adaptors & Brackets

Dovetail bracket

Standard bracket for mounting force gauge to test stand. Fixing screws included 10/32 UNF by 5/8" long.

A	B	C
89mm (3.1")	25mm (0.98")	9.5mm (0.37")

RATED UP TO	PART NO.
2500N	408-003-F99

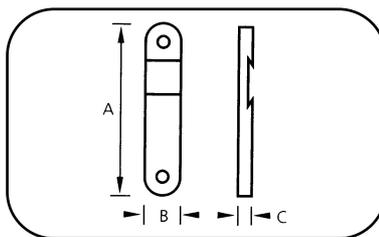


Extended Dovetail Bracket

Provides 70mm (2.76") of extra daylight for mounting force gauges to test stands (LCP). Fixing screws included 10/32 UNF by 5/8" long.

A	B	C
150mm (5.9")	25mm (0.98")	9.5mm (0.37")

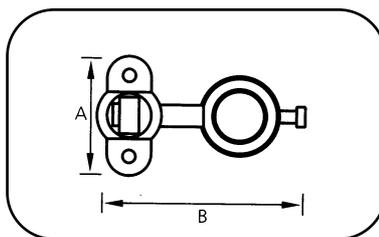
RATED UP TO	PART NO.
250N	ACC008-12 *



MWD Swivel Bracket for AFTI

For mounting of AFTI display to MWD and M5KNE column for easy viewing. Fixing screws included 10/32 UNF by 5/8" long.

A	B	PART NO.
80mm (3.15")	106mm (4.17")	ACC008-300

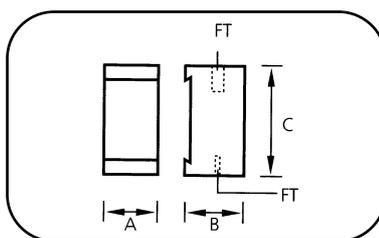


Tension Block Module

For use with LCP test stand when applying tension.

A	B	C
25mm (0.98")	30mm (1.18")	40mm (1.57")

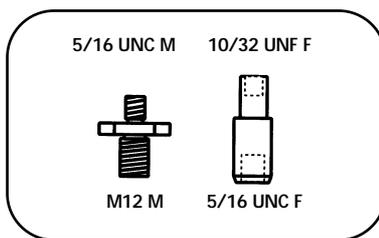
RATED UP TO	FIXING THREAD	PART NO.
2500N	5/16 UNC and 10/32 UNF	ACC008-204



Adaptors

To give complete interchangeability to all Mecmesin gauges, test stands and accessories.

FIXING THREAD	PART NO.
10/32 UNF to 5/16 UNC	F-F ACC008-27
10/32 UNF to M6	F-F ACC008-106
5/16 UNC to M6	F-F ACC008-107
5/16 UNC to M12	M-M 406-149
5/16 UNC to M12	M-F 406-063
10/32 to 10/32 UNF	F-F ACC008-112
5/16 UNC to M10	M-M 406-197



F = Female M = Male

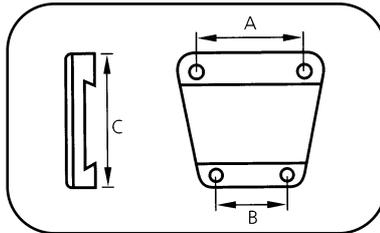
Adaptors & Brackets

Mounting Plate

For mounting the Compact Gauge onto a Mecmesin test stand. Includes screws.

A	B	C
44mm (1.73")	28mm (1.1")	51.5mm (2.03")

RATED UP TO	PART NO.
200N	432-131



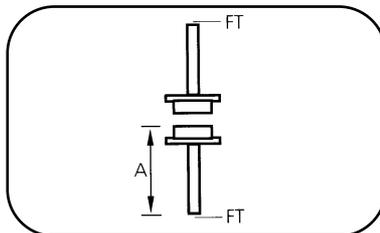
General Force Accessories

Simulated Child Jaws (pair)

Designed to comply with BS5239:1998 to produce in the form of a child's mouth for compressive bite tests.

A	B
75mm (2.95")	38mm (1.5")

FIXING THREAD	PART NO.
10/32 UNF	ACC008-71*

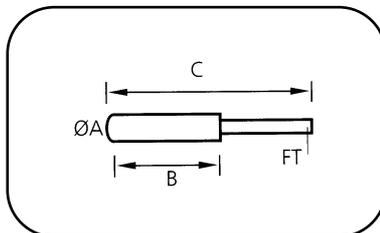


Radiused Food Probe

For texture or force profile testing of fruit, vegetables and baked products.

ØA	B	C
8mm (0.31")	30mm (1.18")	60mm (2.36")
11mm (0.43")	30mm (1.18")	60mm (2.36")

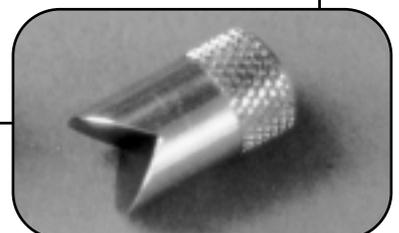
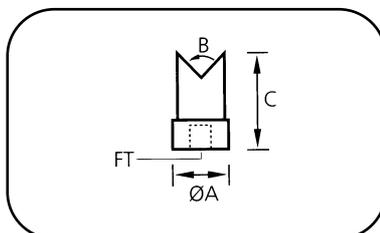
FIXING THREAD	PART NO.
10/32 UNF	ACC008-080*
10/32 UNF	ACC008-081*



Inverted Chisel

ØA	B	C
8mm (0.31")	90°	14mm (0.55")
11mm (0.43")	90°	21mm (0.83")

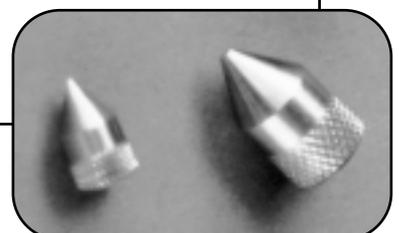
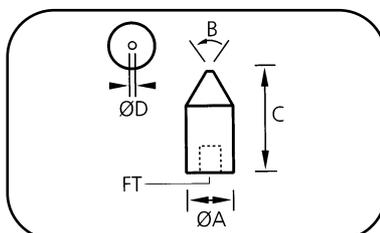
RATED	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-48
1000N	5/16 UNC	ACC008-55



Cone Point

ØA	B	C	D
8mm (0.31")	60°	14mm (0.55")	0.5mm (0.02")
12mm (0.47")	60°	21mm (0.83")	2mm (0.83")

RATED	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-46
1000N	5/16 UNC	ACC008-53

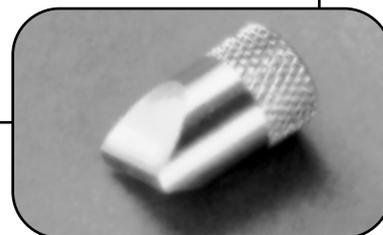
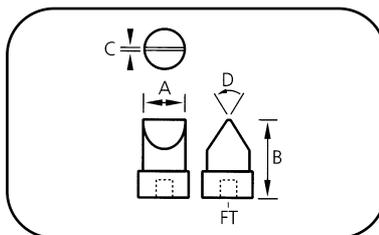


General Force Accessories

Chisel Point

A	B	C	D
8mm (0.35")	14mm (0.55")	0.5mm (0.02")	60°
12mm (0.08")	21mm (0.83")	2mm (0.08")	60°

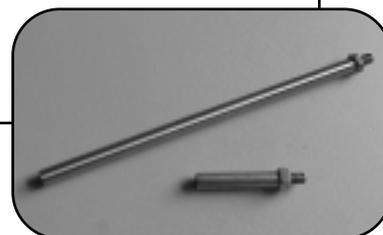
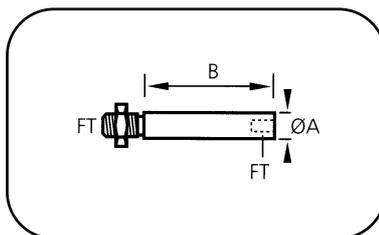
RATED	FIXING THREAD	PART NO.
1000N	10/32 UNF	ACC008-46
1000N	5/16 UNC	ACC008-53



Extension Rods

ØA	B
6mm (0.24")	130mm (5.12")
12mm (0.47")	130mm (5.12")
6mm (0.24")	30mm (1.18")
12mm (0.47")	30mm (1.18")

RATED	FIXING THREAD	PART NO.
1000N	10/32 UNF	432-117
2500N	5/16 UNC	432-123
1000N	10/32 UNF	432-116
2500N	5/16 UNC	432-124

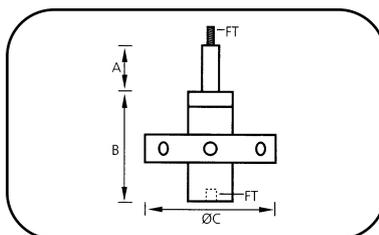


Overload Protection Device

Designed to prevent compression-only overload of force gauges up to 250N. Other options available: Compression and Tension Devices. Higher or Lower capacities.

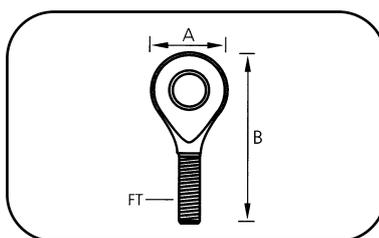
A	B	ØC
20mm (0.79")	80mm (3.15")	75mm (2.95")

FIXING THREAD	PART NO.
10/32 UNF	SA100-451*



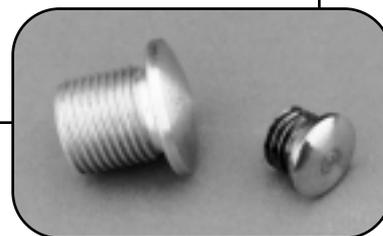
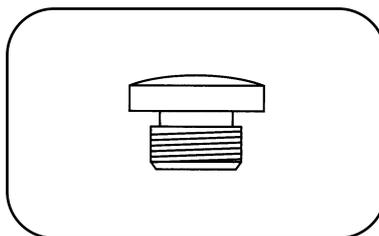
Rod End Bearings

A	B	RATED UP TO	FT	PART NO
21mm	46.5mm	1kN	M6	411-036
29mm	62.5mm	5kN	M10	411-031
34mm	71mm	10kN	M12	411-030
46mm	92mm	25kN	M16	411-032
64mm	126mm	50kN	M24	411-035
82mm	181mm	100kN	M36	411-046



Load Buttons

FIXING THREAD	PART NO.
M6	432-075
M10	432-064
M12	432-065
M16	432-115
M24	432-110
M36	432-114



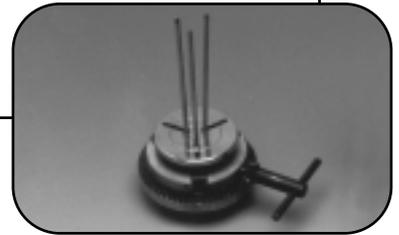
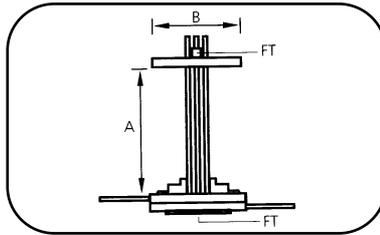
General Force Accessories

Adjustable Spring Receptacle

Used to accurately test flexible springs with a high length to diameter ratio. The three columns locate on either the inner or the outer diameter of the spring, thus preventing concave or convex movement.

I/D MAX	O/D MAX	A MAX
45mm (1.77")	8mm (.31")	131.7mm (5.19")

BØ	FIXING	PART NO.
50mm (1.95")	10/32 UNF	ACC008-25 *

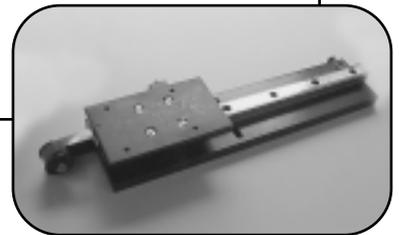
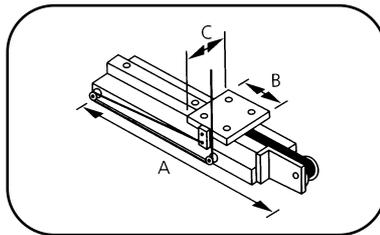


Assisted Pull-Peel Table

The carriage of the peel table is directly driven by the movement of the test stand crossheads, so maintaining an accurate 90° peel. Designed for use with VersaTest.

A	B	C
300mm (11.8")	125mm (4.92")	75mm (2.95")

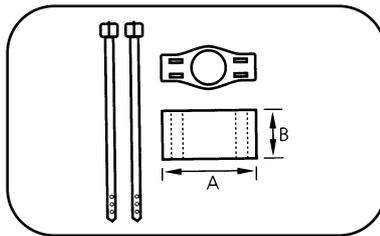
PART NO.
ACC008-208



Toy Testing - Teddy Bear Fixture

Designed to comply with BS5665 PART 1:1989, EN 71 PART 1: 1988. Base plate for use with VersaTest and MDD Stands. Shown with multi jaw gripping fixture, see page 6.

A	B	PART NO.
100mm (3.94")	145mm (5.71")	ACC008-202 *

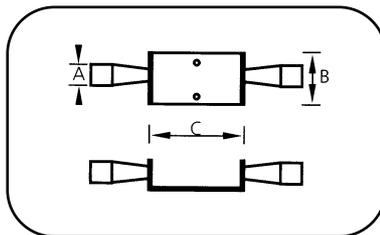


Force Gauge Cradle

Allows force gauges to be used as a rigid hand held instrument.

A	B	C
28.9mm (1.14")	80.3mm (3.16")	106mm (4.17")

PART NO.
ACC008-104

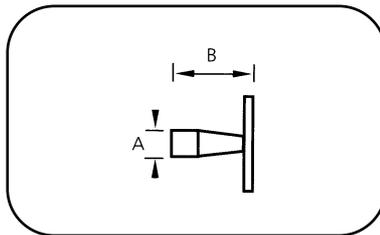


Pistol Grip

Allows force gauges to be used as a rigid hand held instrument for single handed applications of force.

A	B
28.9mm (1.14")	80.3mm (3.16")

PART NO.
ACC008-105

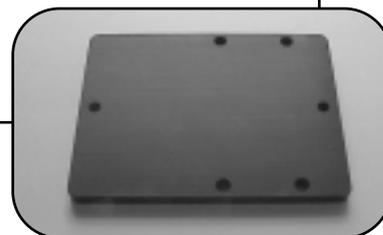
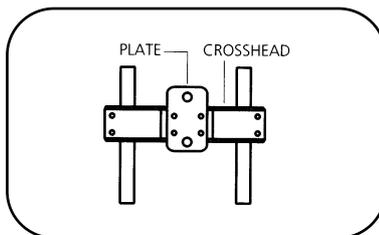


General Force Accessories

MWD AFG Mounting Plate

Allows an AFG to be mounted onto the crosshead of an MWD or M5KNE test stand.

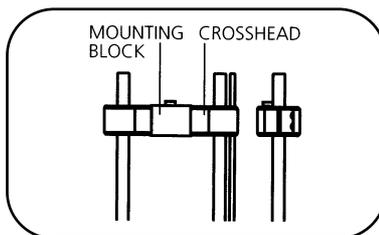
FOR GAUGES UP TO		PART NO.
1000N	Thick Plate	408-030
2500N	Thin Plate	408-031



MWD Loadcell Mounting Block

Allows loadcells to be attached to the crosshead of an MWD or M5KNE test stand used in conjunction with a 'smart' loadcell and AFTI display.

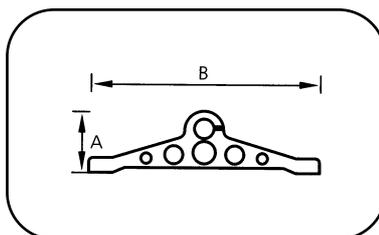
RATED UP TO		PART NO.
10kN		432-129



MDD Feet (Pair)

Feet for horizontal operation of the MDD test stand.

A	B	PART NO.
55mm (2.17")	230mm (9.05")	432-126



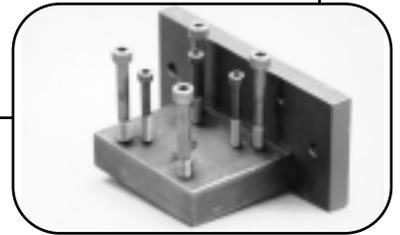
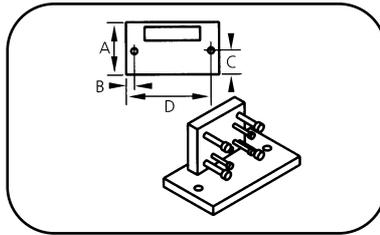
Torque Fixtures

Mount-Static Torque Transducer

Bench mounting stand for use with Mecmesin Smart Static Torque Transducer (see page 18).

A	B	C
76mm (2.99")	15mm (0.59")	38mm (1.50")

D	PART NO.
155mm (6.10")	ACC008-975 *

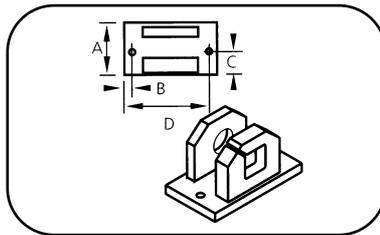


Mount-Torque Sense Head

Bench mounting stand for use with Mecmesin Smart Static Torque Screwdrivers (see page 18).

A	B	C
76mm (2.99")	15mm (0.59")	38mm (1.50")

D	PART NO.
155mm (6.10")	ACC008-976



Accessory Kit / Peripherals

Accessory Kit

Supplied complete with a selection of the following gripping fixtures for general applications in force measurement testing.

	PART NO.
Accessory Kit complete	ACC008-29
1 x Double Cam Grip	
1 x Rotational Crimp Receptacle	
1 x Pin Vice	
1 x Lever Operated Cam Grip	
1 x Adjustable Test Hook	
1 x Pin Chuck	
1 x Fabric Grip	
1 x 50mm Compression Plate	

	PART NO.
Accessory Kit case (empty)	ACC008-18



Peripheral Cables

All cables are 2m long.

	PART NO.
AFG/AFTI to RS232 9 pin (serial)	351-040
AFG/AFTI to RS232 25 pin (serial)	351-041
AFG/AFTI to Mitutoyo Printer DP1HS	351-042
AFG/AFTI to VersaTest/UltraTest/M5KNE (stand reverse)	351-043
AFG/AFTI Analogue	351-044

Universal Expansion Module

For use with the AFG/AFTI when connecting up to a maximum of 5 cables simultaneously (eg. VersaTest and RS232 cables).

	PART NO.
Universal Expansion Module	432-127*



Adaptor/Charger

Adaptor / Charger for use with the AFG/AFTI

				PART NO.
UK	230V	3 pin	Square	304-005
USA	110V	2 pin	Flat	304-006
EURO	230V	2 pin	Round	304-004

Adaptor / Charger for use with the Compact Gauge

				PART NO.
UK	230V	3 pin	Square	350-026
USA	110V	2 pin	Flat	350-028
EURO	230V	2 pin	Round	350-027

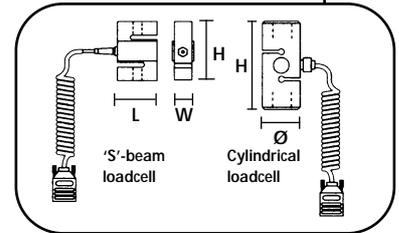
Hybrid Interfacing

'Smart' S-Beam Loadcell

Fully interchangeable transducer for use with both AFG and AFTI. Available in capacities 100N, 200N, 500N, 1000N, 2500N, 5000N, 10kN, 2.5kN, 50kN and 100kN. Specifications may vary.

RATED UP TO	L	W	H	THREAD	PART NO.
100N	51mm (2")	13mm (.5")	64mm (2.5")	M6	870-002
200N	51mm (2")	13mm (.5")	64mm (2.5")	M6	870-004
500N	51mm (2")	13mm (.5")	64mm (2.5")	M6	870-009
1000N	51mm (2")	13mm (.5")	64mm (2.5")	M10	870-001
2500N	51mm (2")	25mm (1")	76mm (3")	M12	870-006
5000N	51mm (2")	25mm (1")	76mm (3")	M12	870-008
10kN	51mm (2")	25mm (1")	76mm (3")	M12	870-003
25kN	64mm (2.5")	38mm (1.5")	89mm (3.5")	M16	870-007

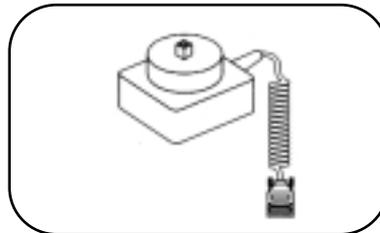
RATED UP TO	Ø	H	THREAD	PART NO.
50kN cylindrical	70mm (2.74")	120mm (4.75")	M36	870-011
100kN cylindrical	70mm (2.74")	120mm (4.75")	M36	870-010



'Smart' Static Torque Transducer

Fully interchangeable transducer for use with both AFG and AFTI. Available in the following capacities.

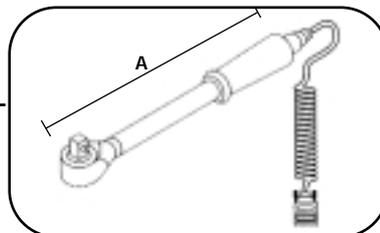
RATED UP TO	SQUARE DRIVE	PART NO.
15N.m	3/8"	872-006
60N.m	3/8"	872-008
100N.m	1/2"	872-003
150N.m	1/2"	872-005



'Smart' Static Torque Wrench

Fully interchangeable transducer for use with both AFG and AFTI. Specifications may vary.

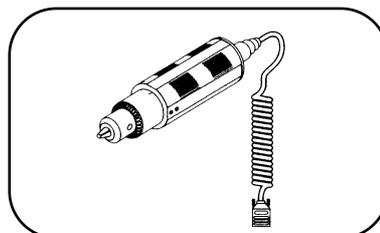
RATED UP TO	SQUARE DRIVE A	PART NO.
15N.m	3/8" (male)	260mm 872-006
60N.m	3/8" (male)	355mm 872-008
150N.m	1/2" (male)	508mm 872-003



'Smart' Static Torque Screwdriver

Fully interchangeable transducer for use with both AFG and AFTI. Available in the following capacities (H-Series & TS-Series).

RATED UP TO	SHAFT SIZE	PART NO.
10mN.m	1/4" hex (female)	871-100
50mN.m	1/4" hex (female)	871-101
100mN.m	1/4" hex (female)	871-102
500mN.m	1/4" hex (female)	871-103
1N.m	1/4" hex (female)	871-104
1.5N.m	3/8" sq. + 3-jaw chuck	871-002
3N.m	3/8" sq. + 3-jaw chuck	871-003
6N.m	3/8" sq. + 3-jaw chuck	871-005
10N.m	3/8" sq. + 3-jaw chuck	871-001

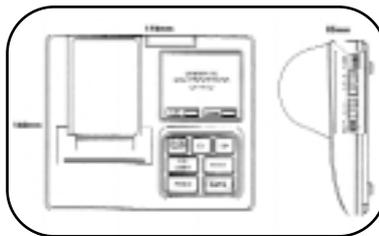


For more details on Mecmesin "Smart" sensors, please refer to the AFTI Brochure (M/806231)

Statistical Mini-Printer

A dedicated data processor to be used with a Digital Force Gauge in order to record and statistically analyse the measurement data. It is easy to operate, and measurements can be processed on the spot.

	PART NO.
Statistical Mini-Printer	PRINT-DP1HS

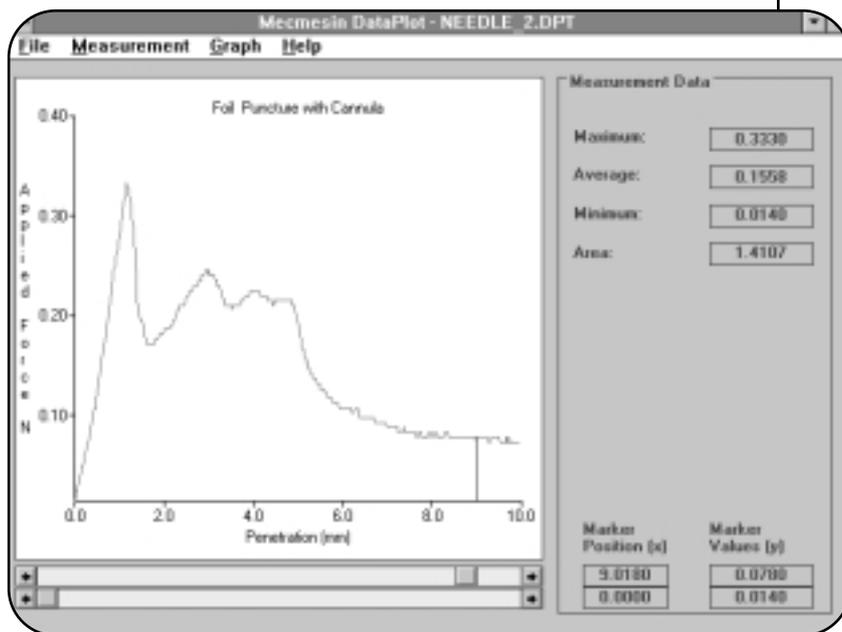


Virtual Chart Recorder Software

Windows software for logging, plotting and analysing force or torque data.

DataPlot regularly requests data from the digital force gauge. During a test these data are accumulated and plotted as a function of time. When the test has finished, a range of data can be defined by dragging two buttons, and within that range the average, maximum, minimum and area under trace values will be calculated. Graph axes can be re-scaled and labelled, and a graph title can be added. User-defined preferences can be saved for repeat testing, and a series of up to four tests can be plotted on the same graph. Data can be printed in tabular or graphical form, and can also be exported, in ASCII format to other PC software (e.g. spreadsheets and SPC packages).

DataPlot is not only flexible but also easy to use. It can be operated from either the keyboard or a mouse. An extensive system of context-sensitive help screens is provided. One particularly user-friendly feature, is that each dialogue box is "aware" of settings in other boxes and DataPlot will only allow preference settings which do not conflict with other selections.



	PART NO
DataPlot Software	340-999

CABLES	PART NO
AFG/AFTI to RS232 9pin	351-040
AFG/AFTI to RS232 25pin	351-041

NOTE:

* Special manufacture accessories with extended delivery.



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