

Grips and Fixtures Catalogue



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Adaptors

A range of adaptors for grips, fixtures and load cells

Part Number	Set Screws	Quantity	Rating
3127	Set screw, #10-32M thread 3/16 inch long	Single	500N
3157	Set screw, #10-32M thread 3/4 inch long	Single	500N
NC002686	Set screw, 5/16-18M thread 1 inch long	Single	500N
P-10020	Set screw, 5/16-18M thread 11/16 inch long	Single	500N
P-10269	Set screw, #10-32M thread 3/4 inch long	Single	500N



Part Number	Thread Adaptors	Quantity	Rating
17039	Thread Adaptor, one end #10-32M other end 1/4-28M	Single	500N
NC000686	Thread Adaptor, one end #10-32M other end 5/16-18M	Single	500N
NC000296	Thread Adaptor, one end 1/4-28M other end 5/16-18M	Single	500N
17162	Thread Adaptor, one end 1/2-20M other end 5/16-18M	Single	500N



Part Number	Thread Couplers	Quantity	Rating
1760	Threaded Coupler, one end #10-32F other end #10-32F	Single	500N
17057	Threaded Coupler, one end #10-32F other end 1/4-20F	Single	500N
17056	Threaded Coupler, one end 1/4-20F other end 5/16-18F	Single	500N
13048	Threaded Coupler, one end 1/4-28F other end 5/16-18F	Single	500N



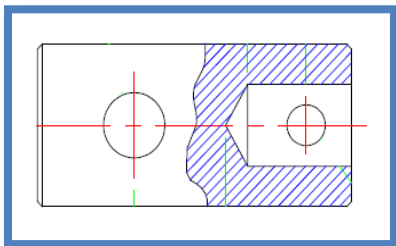
Part Number	5/8 inch Eye End Adaptors	Quantity	Rating
SPK-EYE-1032F	5/8 inch Eye End with #10-32F thread in one end	Single	10kN
ADT/0115/00	5/8 inch Eye End with 5/16-18F thread in one end	Single	10kN
SPK-EYE-1032M	5/8 inch Eye End with #10-32M stud in one end	Single	10kN
SPK-EYE-2528M	5/8 inch Eye End with 1/4-28M stud in one end	Single	10kN
SPK-AFG-1032F	5/8 inch socket with #10-32F thread in one end	Single	10kN
SPK-SFG-2520F	5/8 inch socket with 1/4-20F thread in one end	Single	10kN
SPK-AFG-2528F	5/8 inch socket with 1/4-28F thread in one end	Single	10kN
ADT/0329/00	5/8 inch socket with 3/8-16M stud in one end	Single	10kN
ADT/0291/00	5/8 inch socket with M6F thread in one end	Single	10kN
01/4220	8mm male to 5/8 inch female adaptor for 01/4215 and 01/4216 Vice Grips	Single	100N

01/4220	8mm male to 5/8 inch female adaptor for 01/4215 and 01/4216	Single	100N	5/8 inch
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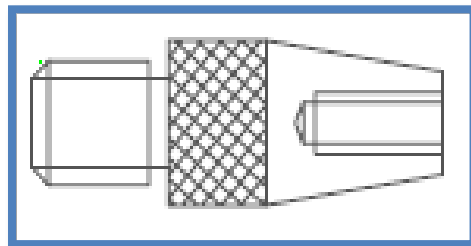


Part Number	Grip Pins	Quantity	Rating
NC000612	Grip Pin for 5/8 inch eye ends	Single	10kN
PIT/0169/00	Grip Pin for 5/8 inch eye ends	Single	10kN
PIN/0061/00	Grip Pin for 1-1/4 inch eye ends	Single	150kN
PIN/0343/00	Grip Pin for 50mm inch eye ends	Single	300kN

Part Number	Eye End Adaptors	Quantity	Rating
ADT/0030/00	Eye end enlarger, increases 5/8 inch eye end to 1-1/4 inch. Requires 1 PIN/0061/00 per adaptor	Single	20kN
ADT/0275/00	Food probe adaptor, M12M to M6F, allows food probes to be fitted to 1, 2.5, 5 and 10kN load cell's	Single	10kN

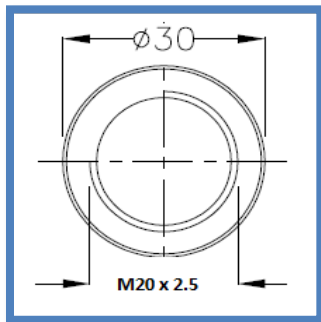


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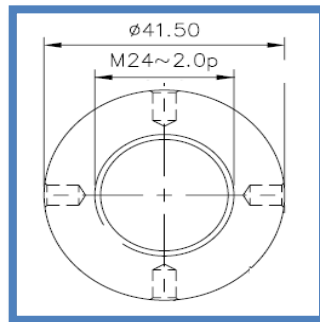


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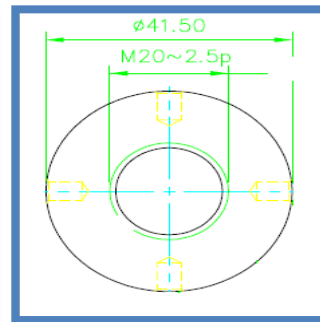
Part Number	Locking Rings	Quantity	Rating
NTT/0139/00	Locking ring for eye ends, 30mm OD, M20 x 2.5 ID, used on 500N load cells down to 5N Load cell	Single	500N
NTT/0151/00	Locking ring for eye ends, mm 41.5mm OD, M20 x 2.0 ID, used on 1kN to 10kN and 100kN XLC load cells	Single	100kN
NTT/0150/00	Locking ring for eye ends, mm 41.5mm OD, M24 x 2.5 ID, used on 20kN to 50kN XLC load cells	Single	50kN
NTT/0144/00	Locking ring for eye ends, mm 70mm OD, M36 x 2.0 ID, used on LR100K Plus AND LR150K Plus	Single	150kN
NTT/0151/00	Also used on LF Plus, LRX Plus, EZ20, LR30K Plus, EZ50, LR50K Plus and LS100K Plus anchor pin	Single	100kN



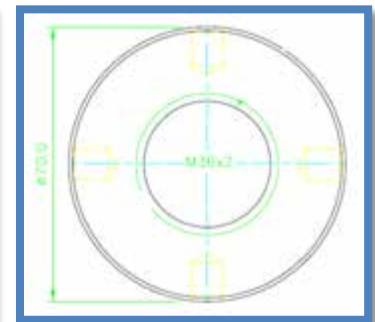
NTT/0139/00



NTT/0151/00



NTT/0150/00



NTT/0144/00

Part Number	Loadcell Eye Ends	Quantity	Rating
EET/0088/00	5/8 inch eye end for 5N to 500N XLC load cells	Single	10kN
PIN/0322/00	5/8 inch eye end for 1kN to 10kN XLC load cells	Single	10kN
ADT/0153/00	5/8 inch eye end for 20kN to 50kN XLC load cells	Single	10kN
ADT/0246/00	5/8 inch eye end for 100kN XLC load cells	Single	10kN
ADT/0118/00	5/8 inch eye end for 100kN HLC load cells, used on LR100K and LR150K Plus	Single	10kN
ADT/0152/00	1-1/4 inch eye end for 20kN to 50kN XLC load cells	Single	10kN
ADT/0244/00	1-1/4 inch eye end for 100kN XLC load cells	Single	150kN
ADT/0117/00	1-1/4 inch eye end for 100kN HLC load cells, used on LR100K Plus AND LR150K Plus	Single	150kN

Part Number	Machine Anchor Pins	Quantity	Rating
PIN/0322/00	5/8 inch used on LF Plus, LRX Plus, LR5K Plus and LR10K Plus	Single	10kN
PIN/0257/00	5/8 inch anchor pin for EZ20, LR30K Plus, EZ50, LR50K Plus	Single	10kN
PIN/0258/00	1-1/4 inch anchor pin for EZ20, LR30K Plus, EZ50, LR50K Plus	Single	150kN
PIN/0412/00	1-1/4 inch anchor pin for LS100K Plus	Single	150kN
PIN/0415/00	5/8 inch anchor pin for LS100K Plus	Single	150kN
ADT/0117/00	1-1/4 inch eye end for 100kN HLC load cells, used on LR100K Plus and LR150K Plus	Single	150kN

Part Number	Crosshead Fixing Bolts	Quantity	Rating
70108412025	M12 x 25mm for LF Plus, LRX Plus and LS Series	Single	5kN
ADT/0148/00	M12 x 1.75P for LR5K Plus and LR10K Plus	Single	10kN
ADT/0150/00	M12 x 1.75P for LR30K Plus, LR50K Plus, EZ50	Single	50kN
ADT/0151/00	M20 x 2.5P for LR30K Plus, LR50K Plus, EZ50	Single	50kN
ADT/0258/00	M24 x 2.0P for LS100K Plus	Single	100kN

Part Number	C-Spanners	Quantity	Rating
SPT/0243/00	70mm C-Spanner for LS Series, 100kN and 150kN locking rings	Single	N/A
SPT/0244/00	42mm C-Spanner for 1kN to 100kN XLC locking rings	Single	N/A

Part Number	Pogo Extension Rods	Quantity	Rating
01/3720/05	500mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN
01/3720/06	600mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN
01/3720/07	700mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN
01/3720/08	800mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN
01/3720/09	900mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN
01/3720/10	1000mm long pogo rod for connection to 5/8 inch eye ends	Single	10kN

Part Number	Universal Joints	Quantity	Rating
01/2380	TTUJ6 100kN Universal Joint 1 ¼ inch eye end	Single	100kN
01/2381	TTUJ7 30kN Universal Joint 5/8 inch eye end	Single	30kN

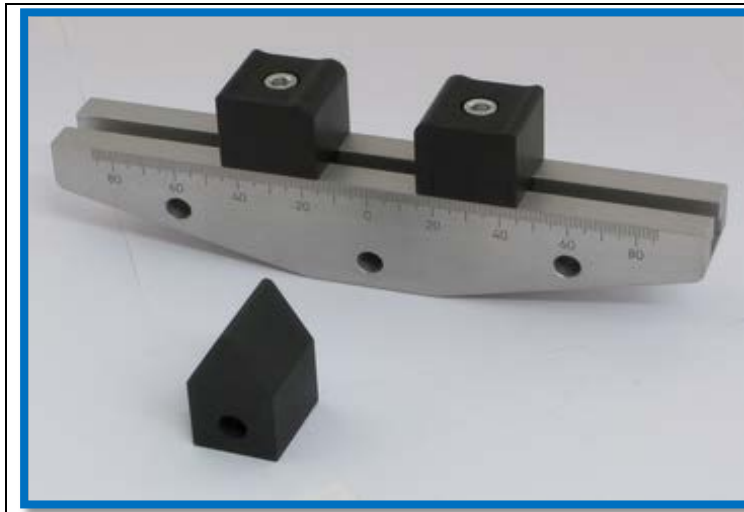
2.5kN Three Point Bending Fixture

This low force bending jig is supplied as standard with a set of three anvils, one upper and two lower

Upper anvils have single radii and Lower anvil sets are reversible with different radii on each side

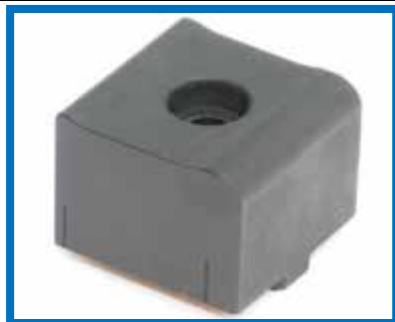
Other anvil sets are also available as additional accessories.

Part Number	01/4104
Span	4mm to 150mm
Upper Anvil Radii in mm	R1, R1.5, R2, R3.2, R5
Lower Anvil radii combinations	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	2.5kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	- 70 °C to + 180 °C
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4104 shown with the single radii upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual radii supports, each support has two radii which can be easily reversed

Lower fixture length 200mm
Lower radii support height 27mm
Lower radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture


To the right a single radii support for the upper part of the fixture



Accessories

2.5kN Three Point Bending Fixture

Part Number	Description
01/4122	Set of 2 anvils for lower support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for lower support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for lower support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for lower support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for lower support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for lower support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for lower support anvil has single radii 1mm
01/4129	Set of 2 anvils for lower support anvil has single radii 2mm
01/4130	Set of 2 anvils for lower support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for lower support anvil has single radii 5mm
01/4132	Set of 2 anvils for lower support anvil has single radii 10mm
01/4133	Single anvil for the upper support 1mm radii
01/4134	Single anvil for the upper support 1.5mm radii
01/4135	Single anvil for the upper support 2mm radii
01/4136	Single anvil for the upper support 3.2mm radii
01/4137	Single anvil for the upper support 5mm radii
01/4143	Upper aluminium fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point supplied with 2 supports single radii

	<p>To the left a single radii support set</p>
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10kN Three Point Bending Fixture

This low force bending jig is supplied as standard with a set of three anvils, one upper and two lower

Upper anvils have single radii and Lower anvil sets are reversible with different radii on each side

Other anvil sets are also available as additional accessories.

Part Number	01/4105
Span	4mm to 150mm
Upper Anvil Radii in mm	R1, R1.5, R2, R3.2, R5
Lower Anvil radii combinations	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	- 70 °C to + 180 °C
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4105 shown with the single radii upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual radii supports, each support has two radii which can be easily reversed

Lower fixture length 200mm
Lower radii support height 27mm
Lower radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture

To the right a single radii support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture

Part Number	Description
01/4122	Set of 2 anvils for lower support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for lower support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for lower support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for lower support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for lower support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for lower support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for lower support anvil has single radii 1mm
01/4129	Set of 2 anvils for lower support anvil has single radii 2mm
01/4130	Set of 2 anvils for lower support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for lower support anvil has single radii 5mm
01/4132	Set of 2 anvils for lower support anvil has single radii 10mm
01/4133	Single anvil for the upper support 1mm radii
01/4134	Single anvil for the upper support 1.5mm radii
01/4135	Single anvil for the upper support 2mm radii
01/4136	Single anvil for the upper support 3.2mm radii
01/4137	Single anvil for the upper support 5mm radii
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point supplied with 2 supports single radii



To the left a single radii support set

10kN Three Point Bending Fixture

This low force bending jig is supplied as standard with a set of three anvils, one upper and two lower

Upper anvils have single radii and Lower anvil sets are reversible with different radii on each side

Other anvil sets are also available as additional accessories.

Part Number	01/4106
Span	4mm to 300mm
Upper Anvil Radii in mm	R1, R1.5, R2, R3.2, R5
Lower Anvil radii combinations	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	- 70 °C to + 180 °C
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4106 shown with the single radii upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual radii supports, each support has two radii which can be easily reversed

Lower fixture length 300mm
Lower radii support height 27mm
Lower radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture

To the right a single radii support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture

Part Number	Description
01/4122	Set of 2 anvils for lower support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for lower support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for lower support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for lower support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for lower support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for lower support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for lower support anvil has single radii 1mm
01/4129	Set of 2 anvils for lower support anvil has single radii 2mm
01/4130	Set of 2 anvils for lower support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for lower support anvil has single radii 5mm
01/4132	Set of 2 anvils for lower support anvil has single radii 10mm
01/4133	Single anvil for the upper support 1mm radii
01/4134	Single anvil for the upper support 1.5mm radii
01/4135	Single anvil for the upper support 2mm radii
01/4136	Single anvil for the upper support 3.2mm radii
01/4137	Single anvil for the upper support 5mm radii
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point supplied with 2 supports single radii



To the left a single radii support set

2.5kN Four Point Bending Fixture

This low force four point bending jig is supplied as standard with a set of four anvils, two for the upper and two for the lower

Lower Anvils are reversible with different radii on each side

Upper Anvils are single radii

Other anvil sets are also available as additional accessories.

Part Number	01/4107
Span	4mm to 150mm
Upper Anvil Radii (choose one)	R1, R1.5, R2, R3.2, R5
Lower Anvil Radii combination (choose one)	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	2.5kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	- 70 °C to + 180 °C
Weight	1Kg (2.2lb) Minimum Load Cell 100N
Notes	



The 01/4107 shown that fits directly on to a 5/8 inch load cell eye end and the other fixture that fits on the machine eye end, each fixture has two supports

Fixture length 200mm
Radii support height 27mm
Radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture

To the right the single radii for the upper fixture



Accessories

2.5kN Four Point Bending Fixture

Part Number	Description
01/4122	Set of 2 anvils for one support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for one support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for one support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for one support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for one support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for one support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for one support anvil has single radii 1mm
01/4129	Set of 2 anvils for one support anvil has single radii 2mm
01/4130	Set of 2 anvils for one support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for one support anvil has single radii 5mm
01/4132	Set of 2 anvils for one support anvil has single radii 10mm

10kN Four Point Bending Fixture

This low force four point bending jig is supplied as standard with a set of four anvils, two for the upper and two for the lower

Lower Anvils are reversible with different radii on each side

Upper Anvils are single radii

Other anvil sets are also available as additional accessories.

Part Number	01/4108
Span	4mm to 150mm
Upper Anvil Radii (choose one)	R1, R1.5, R2, R3.2, R5
Lower Anvil Radii combination (choose one)	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	- 70 °C to + 180 °C
Weight	4Kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4108 shown that fits directly on to a 5/8 inch load cell eye end and the other fixture that fits on the machine eye end, each fixture has two supports

Fixture length 200mm
Radii support height 27mm
Radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture

To the right the single radii for the upper fixture



Accessories

10kN Four Point Bending Fixture

Part Number	Description
01/4122	Set of 2 anvils for one support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for one support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for one support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for one support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for one support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for one support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for one support anvil has single radii 1mm
01/4129	Set of 2 anvils for one support anvil has single radii 2mm
01/4130	Set of 2 anvils for one support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for one support anvil has single radii 5mm
01/4132	Set of 2 anvils for one support anvil has single radii 10mm

10kN Four Point Bending Fixture

This low force four point bending jig is supplied as standard with a set of four anvils, two for the upper and two for the lower

Lower Anvils are reversible with different radii on each side

Upper Anvils are single radii

Other anvil sets are also available as additional accessories.

Part Number	01/4109
Span	4mm to 300mm
Upper Anvil Radii (choose one)	R1, R1.5, R2, R3.2, R5
Lower Anvil Radii combination (choose one)	R1.5+R2.5 R2+R3 R3.2+R5
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	- 70 °C to + 180 °C
Weight	5Kg (11lb) Minimum Load Cell 250N
Notes	



The 01/4109 shown that fits directly on to a 5/8 inch load cell eye end and the other fixture that fits on the machine eye end, each fixture has two supports

Fixture length 300mm
Radii support height 27mm
Radii support width 30mm
Total height 65mm



To the left a dual radii support for the lower part of the fixture

To the right the single radii for the upper fixture



Accessories

10kN Four Point Bending Fixture

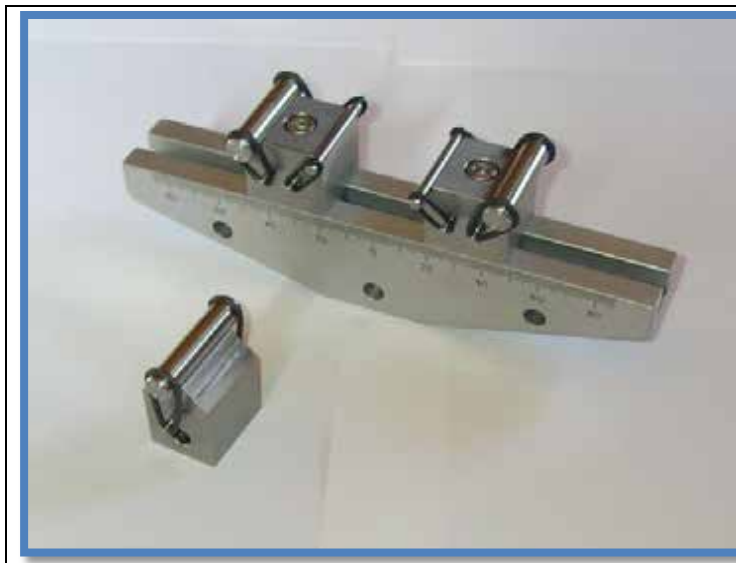
Part Number	Description
01/4122	Set of 2 anvils for one support anvil has 2 radii 1.5mm + 2.5mm
01/4123	Set of 2 anvils for one support anvil has 2 radii 2mm + 3mm
01/4124	Set of 2 anvils for one support anvil has 2 radii 2mm + 5mm
01/4125	Set of 2 anvils for one support anvil has 2 radii 3.2mm + 5mm
01/4126	Set of 2 anvils for one support anvil has 2 radii 4mm + 5mm
01/4127	Set of 2 anvils for one support anvil has single radii 0.5mm
01/4128	Set of 2 anvils for one support anvil has single radii 1mm
01/4129	Set of 2 anvils for one support anvil has single radii 2mm
01/4130	Set of 2 anvils for one support anvil has single radii 3.2mm
01/4131	Set of 2 anvils for one support anvil has single radii 5mm
01/4132	Set of 2 anvils for one support anvil has single radii 10mm

2.5kN Three Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with a single upper support with a roller. The lower supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4110
Span	4mm to 150mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	2.5kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	Ambient
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4110 shown with the single roller upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual roller supports, each support has two rollers which can be easily reversed

Lower fixture length 200mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

2.5kN Three Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4143	Upper aluminium fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

10kN Three Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with a single upper support with a roller. The lower supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4111
Span	4mm to 150mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	0.15Kg (0.33lb) Minimum Load Cell 10N
Notes	



The 01/4111 shown with the single roller upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual roller supports, each support has two rollers which can be easily reversed

Lower fixture length 200mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

10kN Three Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with a single upper support with a roller. The lower supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4112
Span	4mm to 300mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	5Kg (11lb) Minimum Load Cell 250N
Notes	



The 01/4112 shown with the single roller upper fixture that fits directly on to a 5/8 inch load cell eye end and the lower fixture with dual roller supports, each support has two rollers which can be easily reversed

Lower fixture length 300mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

2.5kN Four Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with two support rollers per upper and lower fixture. Upper and lower fixtures are identical. The supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4113
Span	4mm to 150mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	2.5kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	Ambient
Weight	1kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4113 that fits directly on to a 5/8 inch load cell eye end and the lower fixture that fits on the machine eye end

Lower and upper fixture length 200mm
Lower and upper support height 27mm
Lower and upper support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the upper or lower fixture

To the right fitted with one roller



Accessories

2.5kN Four Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers to convert to 3 point
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers to convert to 3 point
01/4141	Additional Rollers, Set of 4 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

10kN Four Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with two support rollers per upper and lower fixture. Upper and lower fixtures are identical. The supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4114
Span	4mm to 150mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	5kg (11lb) Minimum Load Cell 250N
Notes	



The 01/4114 that fits directly on to a 5/8 inch load cell eye end and the lower fixture that fits on the machine eye end

Lower and upper fixture length 200mm
Lower and upper support height 27mm
Lower and upper support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the upper or lower fixture

To the right fitted with one roller



Accessories

10kN Four Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers to convert to 3 point
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers to convert to 3 point
01/4141	Additional Rollers, Set of 4 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

10kN Four Point Bending Fixture Exchangeable Rollers

This low force bending jig is supplied as standard with two supports with rollers per upper and lower fixture. Upper and lower fixtures are identical. The supports are fitted with two rollers. Rollers are interchangeable and selectable and two rollers per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4115
Span	4mm to 300mm
Upper Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower Roller Diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	5kg (11lb) Minimum Load Cell 250N
Notes	



The 01/4115 that fits directly on to a 5/8 inch load cell eye end and the lower fixture that fits on the machine eye end

Lower and upper fixture length 300mm
Lower and upper support height 27mm
Lower and upper support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the upper or lower fixture

To the right fitted with one roller



Accessories

10kN Four Point Bending Fixture Exchangeable Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers to convert to 3 point
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers to convert to 3 point
01/4141	Additional Rollers, Set of 4 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

2.5kN Three Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with a single upper support with one articulating roller. Each lower support is fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4116
Span	4mm to 150mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	2.5kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	Ambient
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4116 lower fixture that fits directly on to a 5/8 inch load cell eye end

Lower fixture length 200mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

2.5kN Three Point Bending Fixture Articulating Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4143	Upper aluminium fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

10kN Three Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with a single upper support with one articulating roller. Each lower support is fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4117
Span	4mm to 150mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4117 lower fixture that fits directly on to a 5/8 inch load cell eye end

Lower fixture length 200mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture Articulating Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

10kN Three Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with a single upper support with one articulating roller. Each lower support is fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

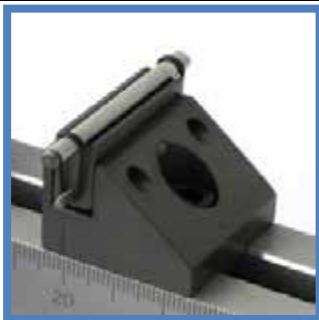
Other roller sets are also available as additional accessories.

Part Number	01/4118
Span	4mm to 300mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	0.15Kg (0.33lb) Minimum Load Cell 50N
Notes	



The 01/4118 lower fixture that fits directly on to a 5/8 inch load cell eye end

Lower fixture length 300mm
Lower support height 27mm
Lower roller support width 30mm
Total height 67mm to center of roller diameter



To the left a dual roller support for the lower part of the fixture

To the right a single roller support for the upper part of the fixture



Accessories

10kN Three Point Bending Fixture Articulating Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide
01/4144	Upper steel fixture to convert 3 point to 4 point A duplicate lower fixture that can be used as an upper fixture to convert a 3 point bending fixture to a 4 point

2.5kN Four Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with two upper supports each with one articulating rollers. Two lower supports fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4119
Span	4mm to 150mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	2.5kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Aluminium
Temperature Range	Ambient
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4119 upper and lower fixture that fits directly on to a 5/8 inch load cell eye end and the machine anchor pin

Lower and upper fixture length 200mm
 Lower and upper support height 27mm
 Lower and upper roller support width 30mm
 Total height 67mm to center of roller diameter



To the left a roller support for the upper and lower parts of the fixture

Accessories

2.5kN Four Point Bending Fixture Articulating Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

10kN Four Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with two upper supports each with one articulating rollers. Two lower supports fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4120
Span	4mm to 150mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN Maximum
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	4Kg (8.8lb) Minimum Load Cell 250N
Notes	



The 01/4120 upper and lower fixture that fits directly on to a 5/8 inch load cell eye end and the machine anchor pin

Lower and upper fixture length 200mm
 Lower and upper support height 27mm
 Lower and upper roller support width 30mm
 Total height 67mm to center of roller diameter



To the left a roller support for the upper and lower parts of the fixture

Accessories

10kN Four Point Bending Fixture Articulating Rollers

Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

10kN Four Point Bending Fixture Articulating Rollers

This low force bending jig is supplied as standard with two upper supports each with one articulating rollers. Two lower supports fitted with one articulating roller. Rollers are interchangeable and selectable and one roller per support are supplied

Other roller sets are also available as additional accessories.

Part Number	01/4121
Span	4mm to 300mm
Upper roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Lower roller diameter in mm	1,2,3,4,5,6,6.35,8,10,12 and 12.7
Force Rating	10kN
Fixing Method Upper	5/8 inch Female (15.9mm)
Fixing Method Lower	5/8 inch Female (15.9mm)
Material	Steel
Temperature Range	Ambient
Weight	5Kg (11lb) Minimum Load Cell 250N
Notes	



The 01/4121 upper and lower fixture that fits directly on to a 5/8 inch load cell eye end and the machine anchor pin

Lower and upper fixture length 300mm
 Lower and upper support height 27mm
 Lower and upper roller support width 30mm
 Total height 67mm to center of roller diameter



To the left a roller support for the upper and lower parts of the fixture

Accessories

10kN Four Point Bending Fixture Articulating Rollers

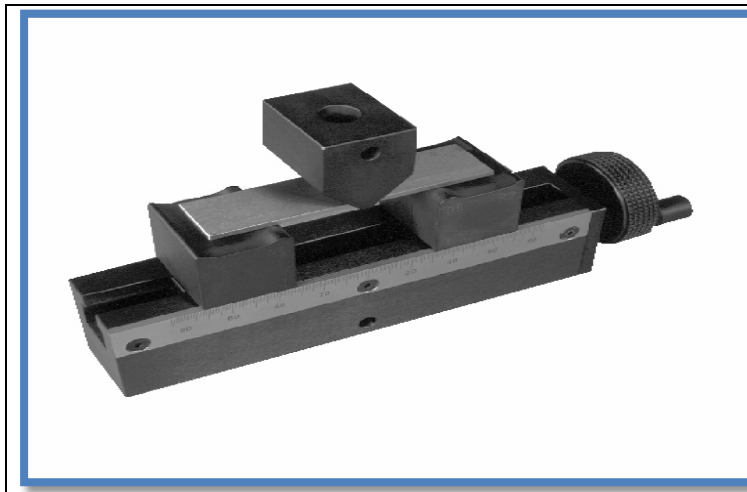
Part Number	Description
01/4138	Additional V Anvil For upper support to accept 1mm - 3.2mm Rollers
01/4139	Additional V Anvil For upper support to accept 4mm - 12.7mm Rollers
01/4140	Additional Rollers, Set of 3 Rollers Available in 1mm, 2mm, 3mm, 4mm, 5mm, 6mm, 6.35mm, 8mm, 10mm, 12mm and 12.7mm
01/4142	10mm roller 100mm wide

50kN Three Point Centric Bending Fixture with Hand Wheel Adjustment

A three point bending jig that has a screw driven wheel to adjust the span concentrically about the center of the fixture. Supplied with a set of three anvils, one upper and two lower, upper anvils have a choice of radii and lower anvils are reversible with different radii on each side.

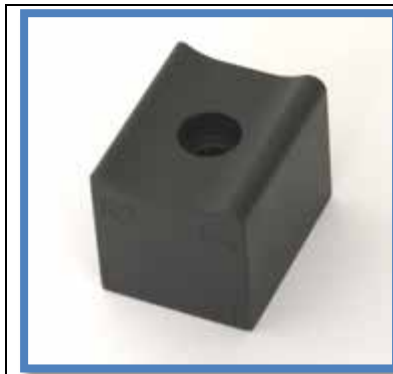
Other anvil sets are also available as additional accessories.

Part Number	01/4145
Span	10mm to 100mm
Upper Anvil Radii in mm	R3 or R5
Lower Anvil radii combinations	R2 & R4 or R3 & R5
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch (31.8mm)
Fixing Method Lower	1 ¼ inch (31.8mm)
Material	Steel
Temperature Range	-70 °C to +180 °C
Weight	1Kg (2.2lb) Minimum Load Cell 500N
Notes	Version without wheel available on request



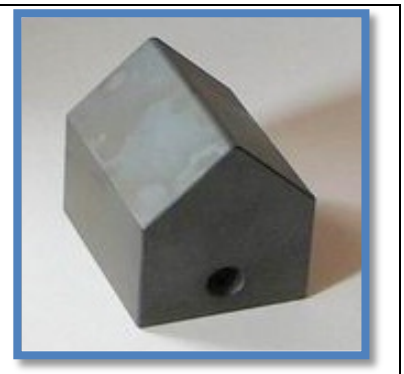
The 01/4145 shown with a sample and the upper anvil

Lower fixture length (exc hand wheel) 220mm
 Lower radii support height 49mm
 Lower radii support width 50mm
 Total height 99mm



To the left a dual radii support for the lower part of the fixture

To the right a single radii support for the upper part of the fixture



Accessories

50kN Three Point Centric Bending Fixture with Hand Wheel Adjustment

Part Number	Description
01/4148	Lower Support With 2mm and 4mm Radii
01/4149	Lower Support With 3mm and 5mm Radii
01/4150	Lower Support With 2mm and 5mm Radii
01/4151	Custom Made Lower Support with 2 radii on request
01/4152	Upper Anvil 5mm Radii
01/4153	Upper Anvil 3mm Radii
01/4154	Custom Made upper Support On request
01/4155	01/4147 Upper Fixture to Make 3 Point in to 4 Point Fixture
01/4156	Upper Supports For 4 Point Fixture as per 01/4145

50kN Three Point Centric Bending Fixture with Hand Wheel Adjustment

A three point bending jig that has a screw driven wheel to adjust the span concentrically about the center of the fixture. Supplied with a set of three anvils, one upper and two lower, upper anvils have single radii and lower anvils have single radii.

Other anvil sets are also available as additional accessories.

Part Number	01/4146
Span	10mm to 100mm
Upper Anvil Radii in mm	2mm, 3mm or 5mm
Lower Anvil radii in mm	2mm, 3mm or 5mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch (31.8mm)
Fixing Method Lower	1 ¼ inch (31.8mm)
Material	Steel
Temperature Range	-70 °C to +180 °C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	Version without wheel available on request



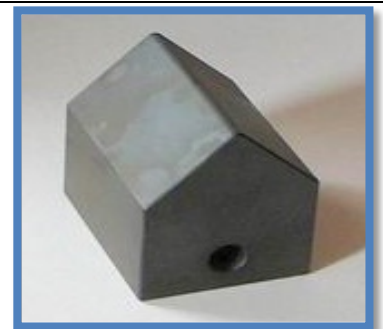
The 01/4146 shown with a sample and the upper anvil

Lower fixture length (exc hand wheel) 220mm
Lower radii support height 49mm
Lower radii support width 50mm
Total height 99mm



To the left a single radii support for the lower part of the fixture

To the right a single radii support for the upper part of the fixture



Accessories

50kN Three Point Centric Bending Fixture with Hand Wheel Adjustment


Part Number	Description
01/4148	Lower Support With 2mm and 4mm Radii
01/4149	Lower Support With 3mm and 5mm Radii
01/4150	Lower Support With 2mm and 5mm Radii
01/4151	Custom Made Lower Support with 2 radii on request
01/4152	Upper Anvil 5mm Radii
01/4153	Upper Anvil 3mm Radii
01/4154	Custom Made upper Support On request
01/4155	01/4147 Upper Fixture to Make 3 Point in to 4 Point Fixture
01/4156	Upper Supports For 4 Point Fixture as per 01/4145

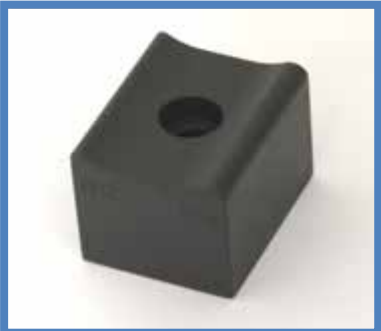

50kN Four Point Centric Bending Fixture with Hand Wheel Adjustment

A four point bending jig that has a screw driven wheel to adjust the span concentrically about the center of the lower fixture. Supplied with a set of two reversible anvils for the lower fixture and two fixed radii anvils for the upper fixture

Other anvil sets are also available as additional accessories.

Part Number	01/4147
Span	10mm to 100mm
Upper Anvil Radii in mm	R2
Lower Anvil radii in mm	R2 & R4 or R3 & R5
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch (31.8mm)
Fixing Method Lower	1 ¼ inch (31.8mm)
Material	Steel
Temperature Range	-70 °C to +180 °C
Weight	5Kg (2.2lb) Minimum Load Cell 500N
Notes	Version without wheel available on request

	<p>The 01/4147 shown with upper fixture</p> <p>Lower fixture length (exc hand wheel) 220mm</p> <p>Upper fixture length 200mm</p> <p>Lower radii support height 49mm</p> <p>Lower radii support width 50mm</p> <p>Total height 99mm</p>
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	<p>To the left a dual radii support for the lower part of the fixture</p> <p>To the right a single radii support for the upper part of the fixture</p>	
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Accessories

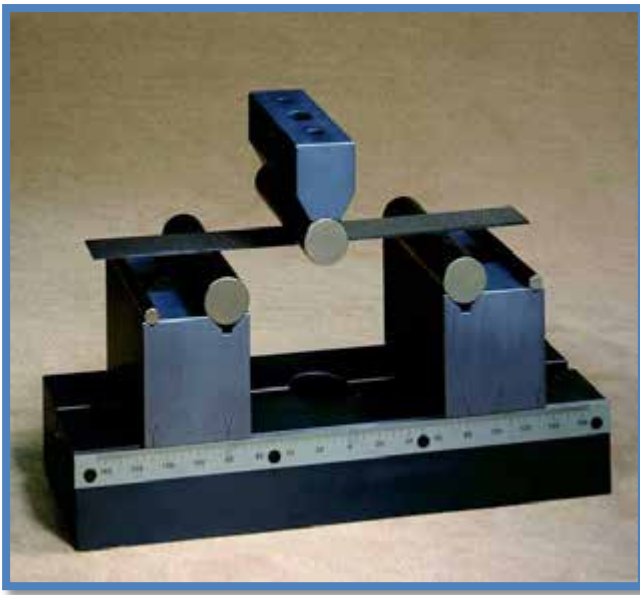
50kN Three Point Centric Bending Fixture with Hand Wheel Adjustment

Part Number	Description
01/4148	Lower Support With 2mm and 4mm Radii
01/4149	Lower Support With 3mm and 5mm Radii
01/4150	Lower Support With 2mm and 5mm Radii
01/4151	Custom Made Lower Support with 2 radii on request
01/4152	Upper Anvil 5mm Radii
01/4153	Upper Anvil 3mm Radii
01/4154	Custom Made upper Support On request

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4157
Span	30mm to 250mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4157 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 360mm

Lower support block height with 30mm roller 103mm

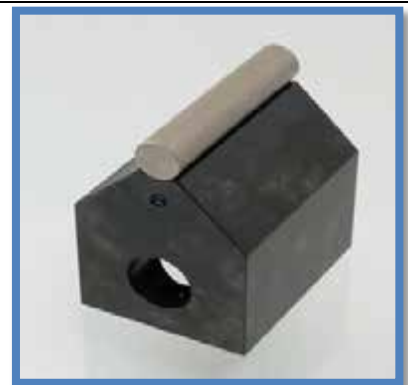
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

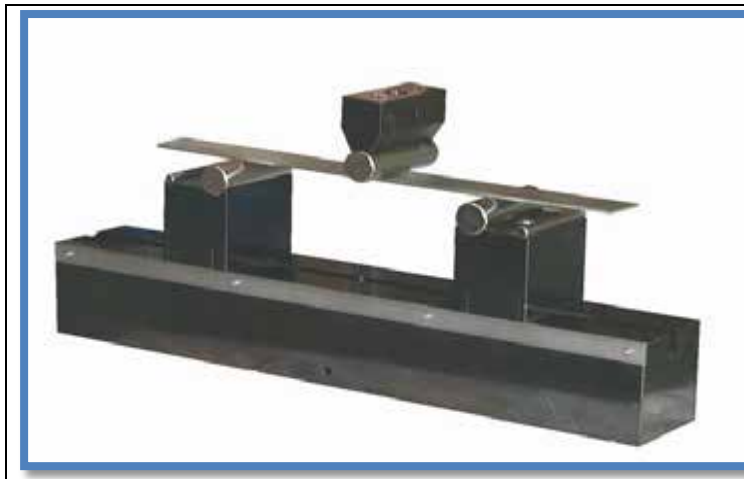
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4158
Span	30mm to 390mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



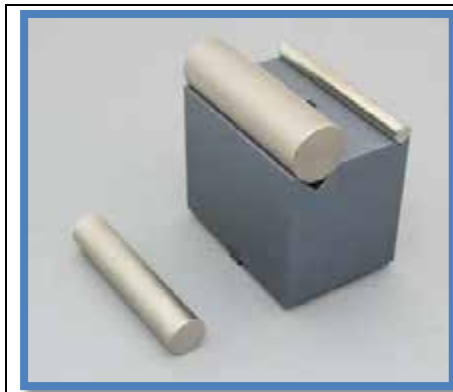
The 01/4158 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 500mm

Lower support block height with 30mm roller 103mm

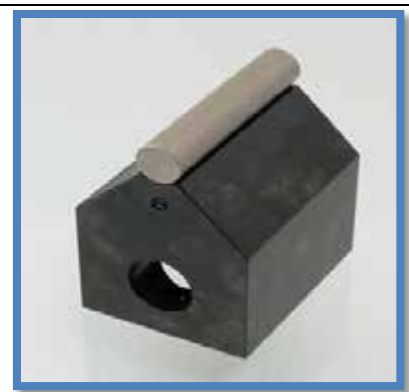
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

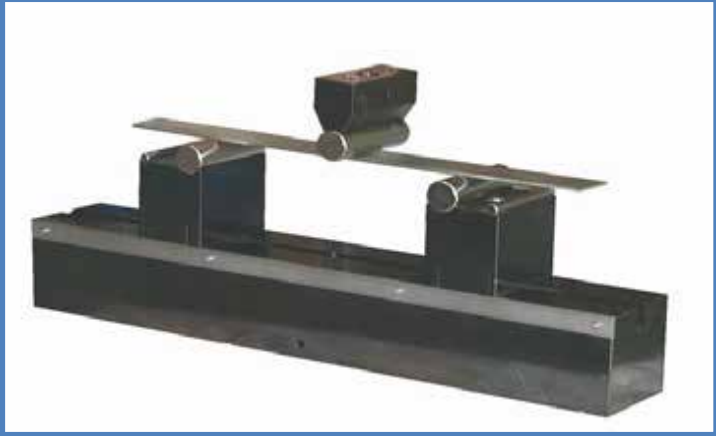
50kN Three Point Bending Fixture



Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4159
Span	30mm to 490mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	

	<p>The 01/4159 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers</p> <p>Lower fixture length 600mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories

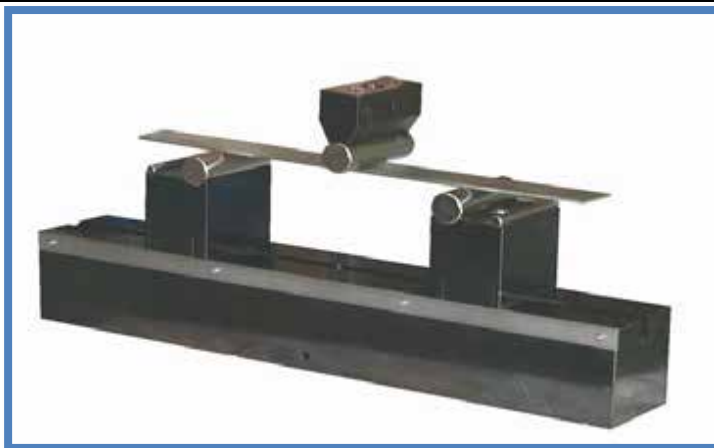
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4160
Span	30mm to 590mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4160 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 700mm

Lower support block height with 30mm roller 103mm

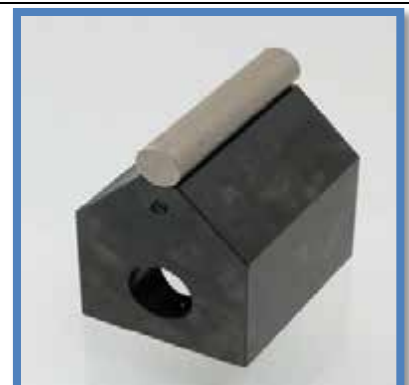
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

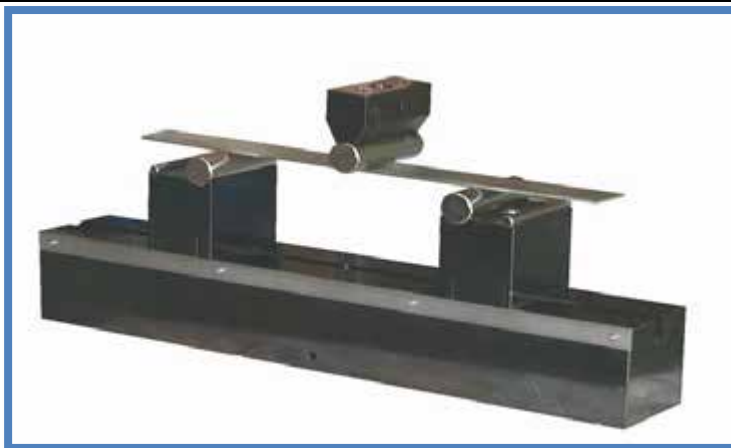
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4161
Span	30mm to 690mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



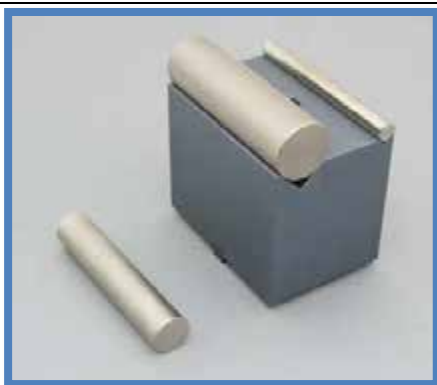
The 01/4161 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 800mm

Lower support block height with 30mm roller 103mm

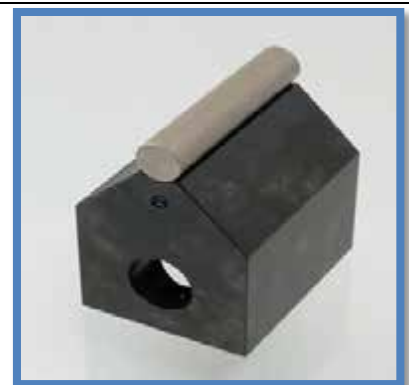
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

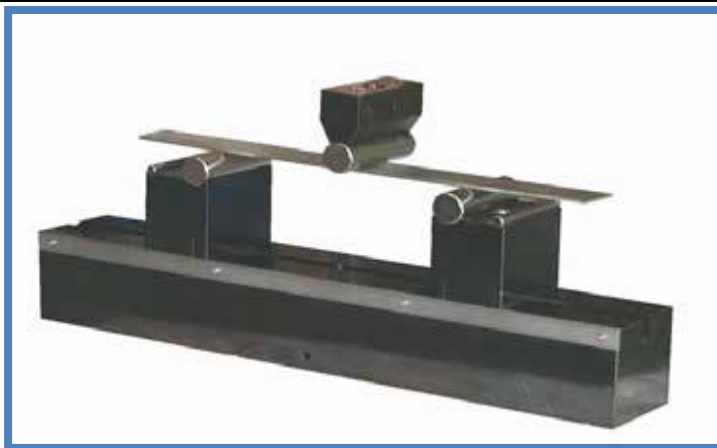
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4162
Span	30mm to 790mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



The 01/4162 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 900mm

Lower support block height with 30mm roller 103mm

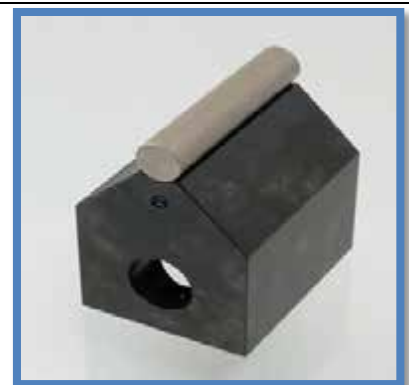
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

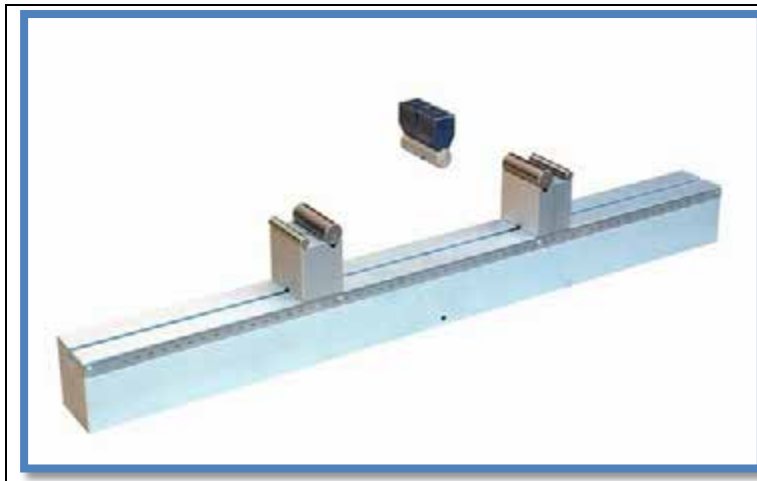
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4163
Span	30mm to 890mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



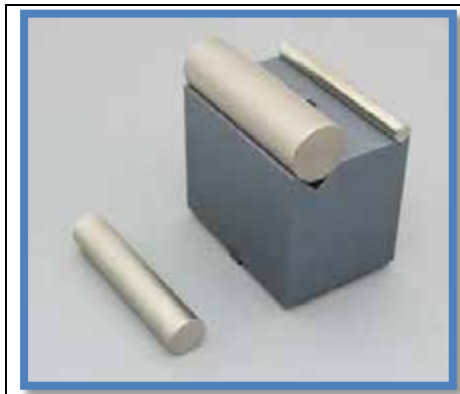
The 01/4163 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 1000mm

Lower support block height with 30mm roller 103mm

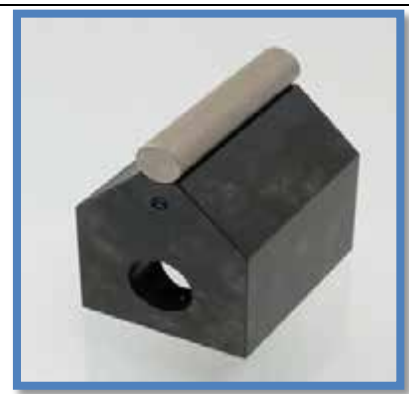
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

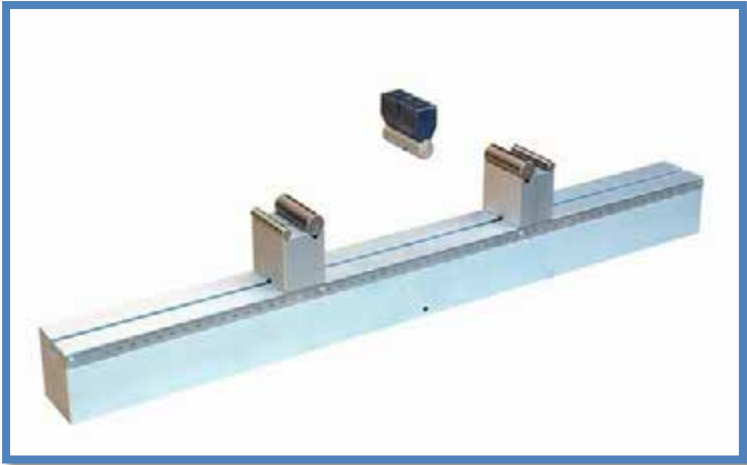
50kN Three Point Bending Fixture

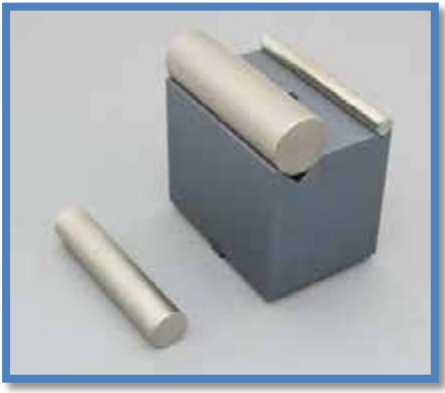
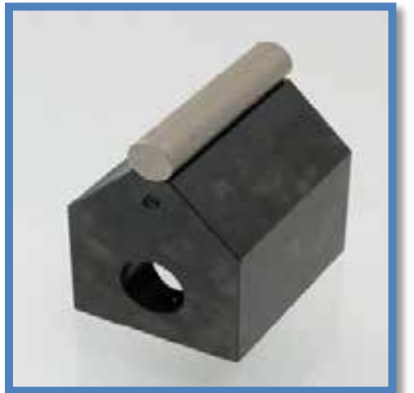
Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4164
Span	30mm to 990mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	

	<p>The 01/4164 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers</p> <p>Lower fixture length 1100mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories

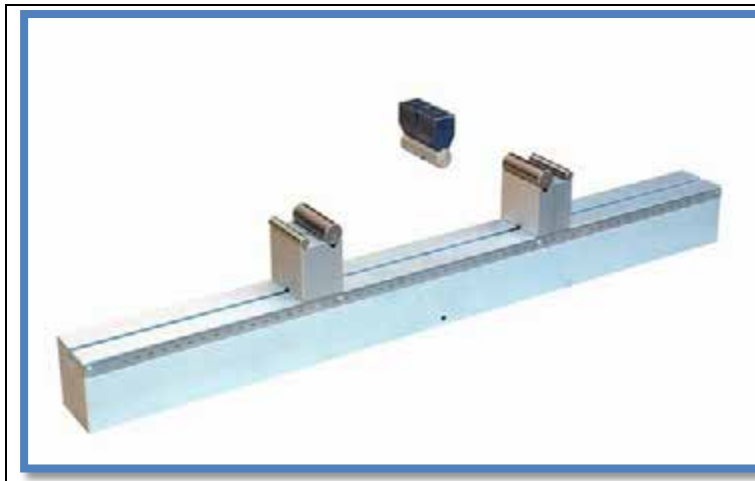
50kN Three Point Bending Fixture

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

50kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4165
Span	30mm to 1090mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	50kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Aluminium
Temperature Range	-70° C to +180° C
Weight	1Kg (2.2lb) Minimum Load Cell 250N
Notes	



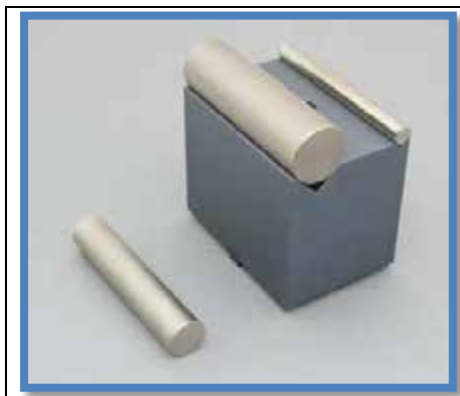
The 01/4165 shown with upper and lower fixture, 30mm diameter rollers and 10mm rollers

Lower fixture length 1200mm

Lower support block height with 30mm roller 103mm

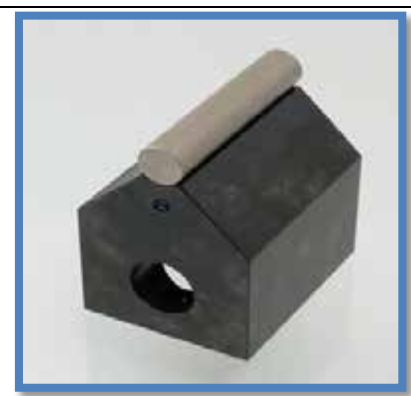
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories


50kN Three Point Bending Fixture

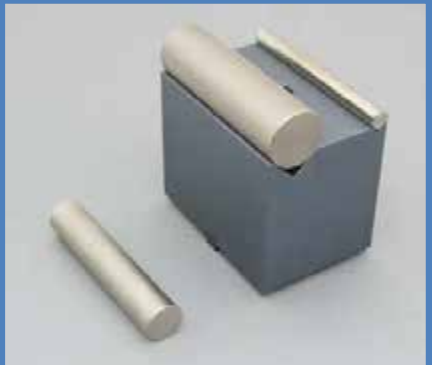

Part Number	Description
01/4175	Four point fixture 240mm length 35mm to 205mm span
01/4176	Four point fixture 500mm length 35mm to 465mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4166
Span	30mm to 250mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	

	<p>The 01/4166 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller</p> <p>Lower fixture length 360mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories


100kN Three Point Bending Fixture



Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4167
Span	30mm to 390mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	

	<p>The 01/4167 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller</p> <p>Lower fixture length 500mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories


100kN Three Point Bending Fixture



Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4168
Span	30mm to 490mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	

	<p>The 01/4168 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller</p> <p>Lower fixture length 600mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories


100kN Three Point Bending Fixture

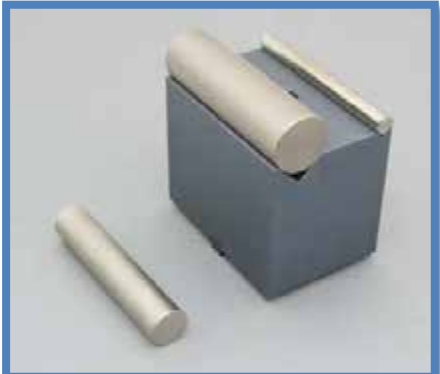
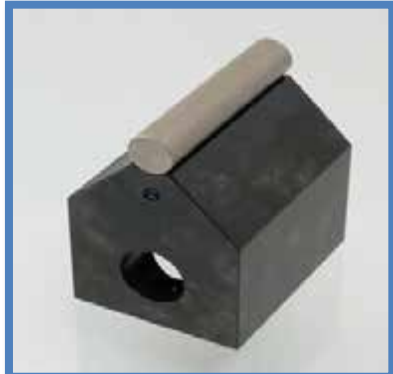
Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4169
Span	30mm to 590mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	

	<p>The 01/4169 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller</p> <p>Lower fixture length 700mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories

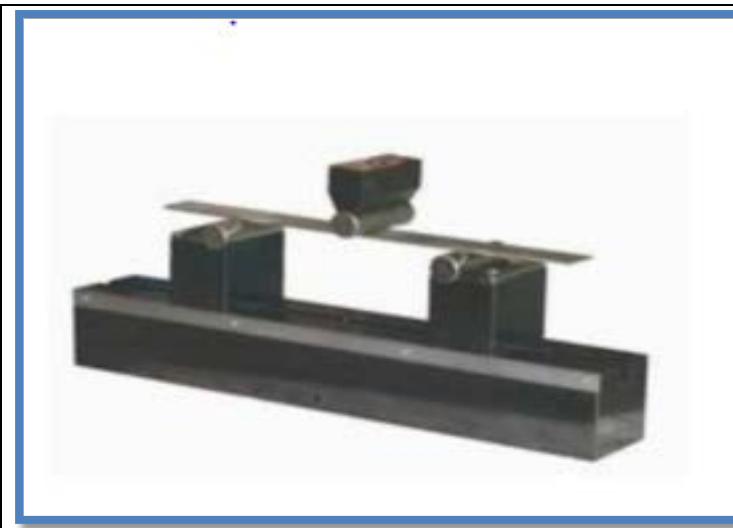
100kN Three Point Bending Fixture

Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4170
Span	30mm to 690mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	



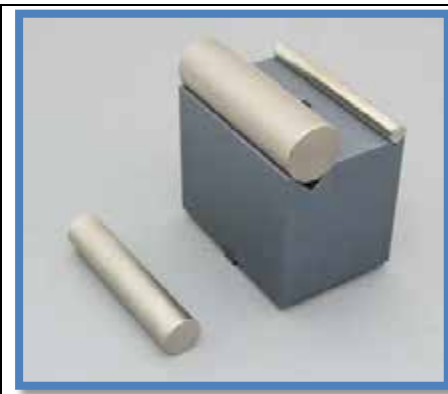
The 01/4170 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller

Lower fixture length 800mm

Lower support block height with 30mm roller 103mm

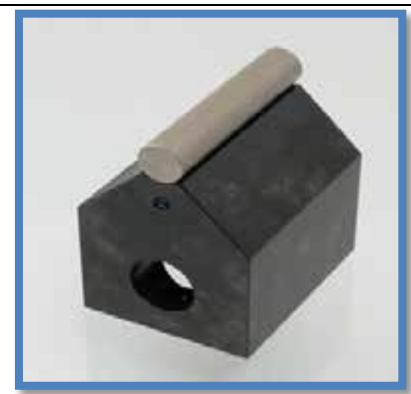
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

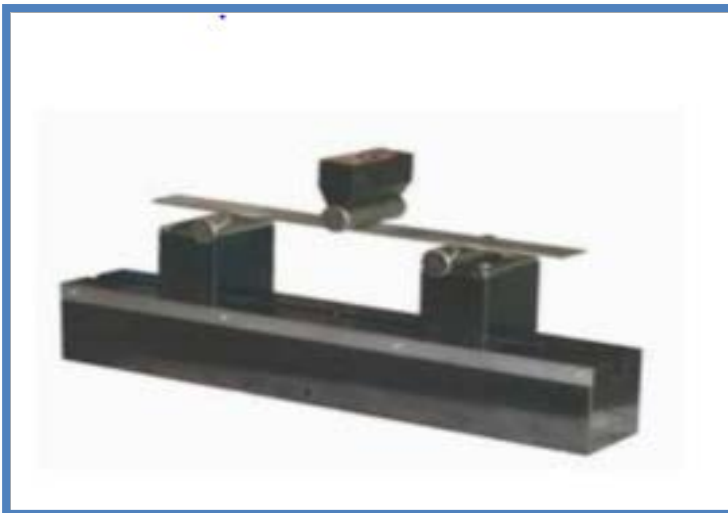
100kN Three Point Bending Fixture

Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4171
Span	30mm to 790mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	



The 01/4171 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller

Lower fixture length 900mm

Lower support block height with 30mm roller 103mm

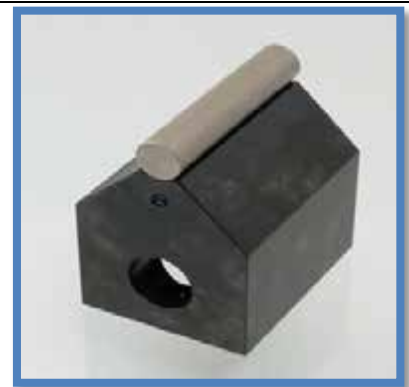
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

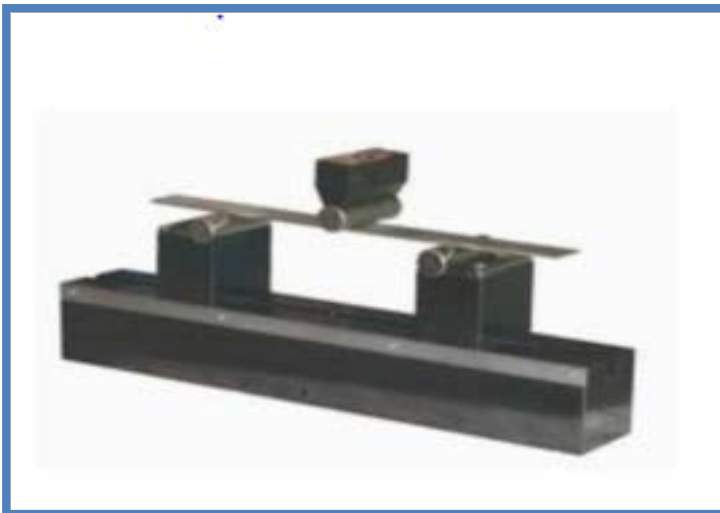
100kN Three Point Bending Fixture

Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4172
Span	30mm to 890mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	



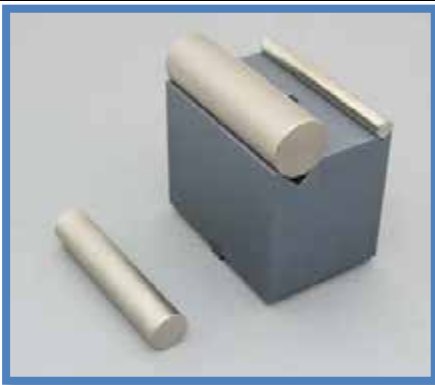
The 01/4172 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller

Lower fixture length 1000mm

Lower support block height with 30mm roller 103mm

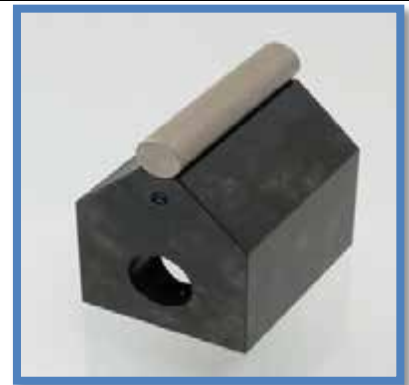
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories


100kN Three Point Bending Fixture



Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4173
Span	30mm to 990mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	

	<p>The 01/4173 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller</p> <p>Lower fixture length 1100mm</p> <p>Lower support block height with 30mm roller 103mm</p> <p>Total height with 30mm roller 163mm</p> <p>Width of rollers 100mm</p>
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	<p>To the left a support block showing all three rollers</p> <p>To the right an upper block with 20mm roller</p>	
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Accessories

100kN Three Point Bending Fixture

Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

100kN Three Point Bending Fixture

A general purpose three point bending fixture supplied with three sets of interchangeable rollers and lower support block with two roller positions

Part Number	01/4174
Span	30mm to 1090mm
Upper roller diameter in mm	10mm, 20mm and 30mm
Lower roller diameter in mm	10mm, 20mm and 30mm
Force Rating	100kN Maximum
Fixing Method Upper	1 ¼ inch Female (31.8mm)
Fixing Method Lower	1 ¼ inch Female (31.8mm)
Material	Steel
Temperature Range	-70° C to +250° C
Weight	2Kg (4.4lb) Minimum Load Cell 500N
Notes	



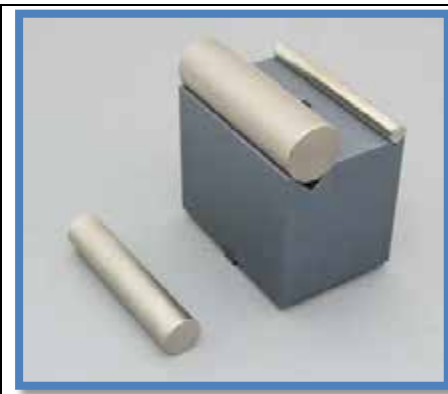
The 01/4174 shown with lower fixture, 30mm diameter rollers and 10mm rollers, upper fixture with 30mm roller

Lower fixture length 1200mm

Lower support block height with 30mm roller 103mm

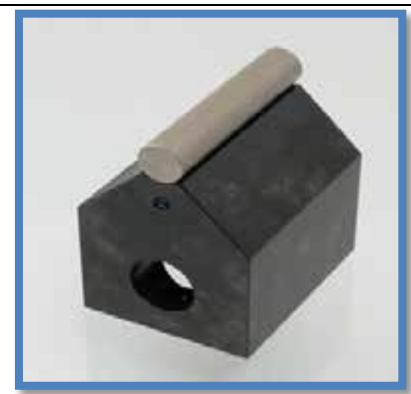
Total height with 30mm roller 163mm

Width of rollers 100mm



To the left a support block showing all three rollers

To the right an upper block with 20mm roller



Accessories

100kN Three Point Bending Fixture

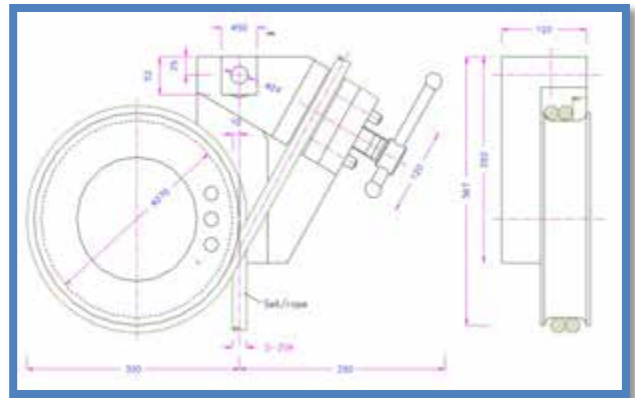
Part Number	Description
01/4177	Four point fixture 240mm length 35mm to 205mm span
01/4178	Upper Anvil With adapter 15.9mm, inc 10mm, 20mm and 30mm rollers
01/4179	Upper Anvil With adapter 31.8mm, inc 10mm, 20mm and 30mm rollers
01/4180	Additional Round Supports, Set of 3 Supports, 100mm Wide, X Specifies The Diameter in mm 8mm to 100mm
01/4181	Angular Supports, Set of 3 Supports, 100mm Wide X Specifies The Radius 0.5mm to 50mm
01/4182	Special Support Diameter 30 Length 160mm
01/4183	Special Support Diameter 30 Length 300mm

Bollard Grips

The grip is suitable for samples such as rope and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample.

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4628	Crosscut jaws
Jaw Size	120mm x 30mm
Maximum Sample Width	12mm
Maximum Sample Diameter	5mm - 20mm
Minimum Sample Length	1500mm
Jaw Opening	20mm
Maximum Force Rating	100KN
Fixing Type	1 ¼ inch
Weight	45Kg
Minimum Loadcell	2500N
Width	590mm
Height	385mm
Depth	120mm
Bollard Diameter	270mm



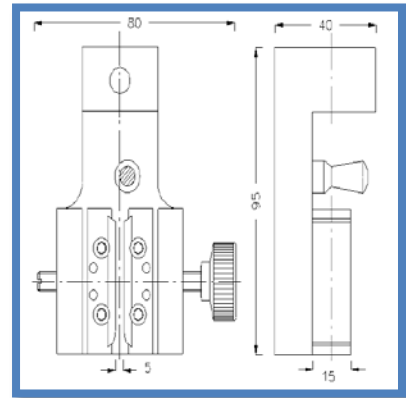
Bollard Grips

Thin wire bollard grip, ideally it should be used with an extensometer to calculate true strain in the sample. Pneumatic versions are available

The 01/4617 is designed for thin wires and is best used with the diamond faces the sample can be wrapped around the bollard then doubled back on itself for additional gripping. The grip is fitted with carriers which act as a mounting place for the faces which are supplied separately

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4617	Screw action, with carriers but without jaws
Maximum Sample Width	15mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	2.5kN
Fixing Type	5/8 inch
Weight	380g
Minimum Loadcell	50N
Width	80mm
Height	95mm
Depth	40mm



Shown above the grip with a preset face on one side and a adjustable T-bar on the other, the grip carrier plate and the plain and diamond faces. The outline drawing shown for reference only

Part Number	Description	Max Sample Width	Sample Diameter	Opening	Rating	Fixing Type
01/4618	15mm x 37mm diamond coated jaws	15mm	N/A	N/A	2.5kN	N/A
01/4619	15mm x 37mm plain jaw faces	15mm	N/A	N/A	2.5kN	N/A

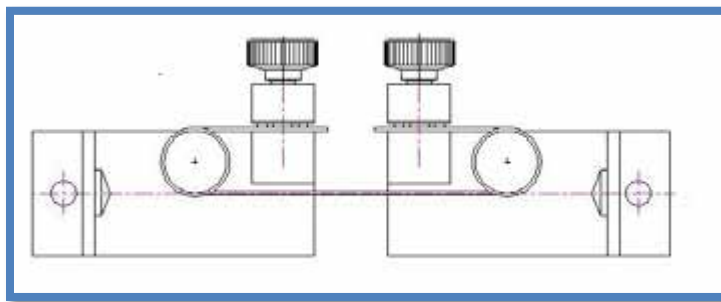
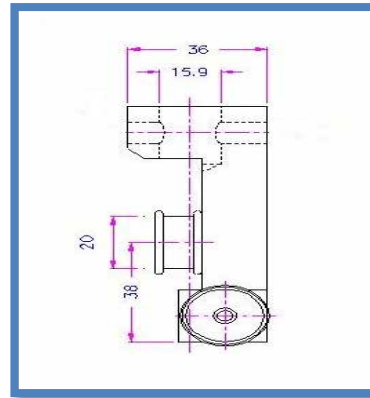
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4620	Screw action grip with rubber faces
Jaw Size	20mm x 10mm
Maximum Sample Width	7mm
Maximum Sample Diameter	2mm
Jaw Opening	2mm
Maximum Force Rating	1kN
Fixing Type	5/8 inch
Weight	290g
Minimum Loadcell	50N
Width	69mm
Height	90mm
Depth	36mm
Bollard Diameter	20mm



Above the 01/4620 shown, the dimension drawing for reference and the sample loading method

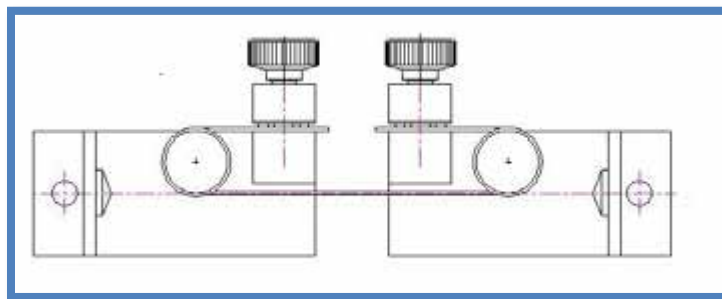
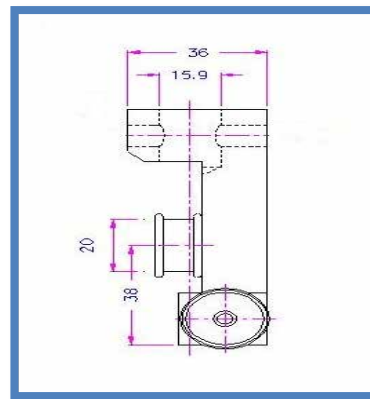
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4621	Screw action grip with diamond faces
Jaw Size	20mm x 10mm
Maximum Sample Width	7mm
Maximum Sample Diameter	2mm
Jaw Opening	2mm
Maximum Force Rating	1kN
Fixing Type	5/8 inch
Weight	290g
Minimum Loadcell	50N
Width	69mm
Height	90mm
Depth	36mm
Bollard Diameter	20mm



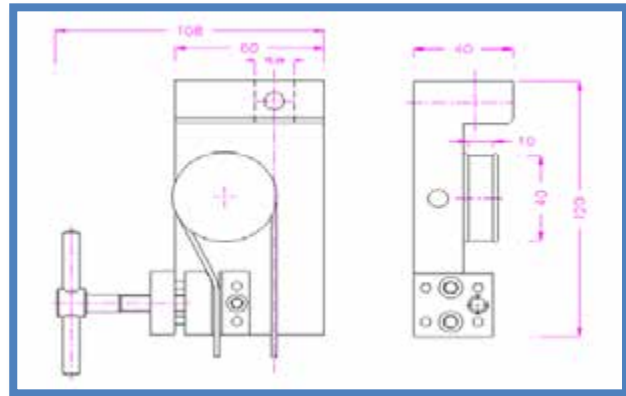
Above the 01/4621 shown, the dimension drawing for reference and the sample loading method

Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4622	Screw action grip with crosscut faces
Jaw Size	30mm x 12mm
Maximum Sample Width	8mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	800g
Minimum Loadcell	50N
Width	108mm
Height	120mm
Depth	40mm
Bollard Diameter	40mm



Above the 01/4622 grip and grip dimensions for reference only

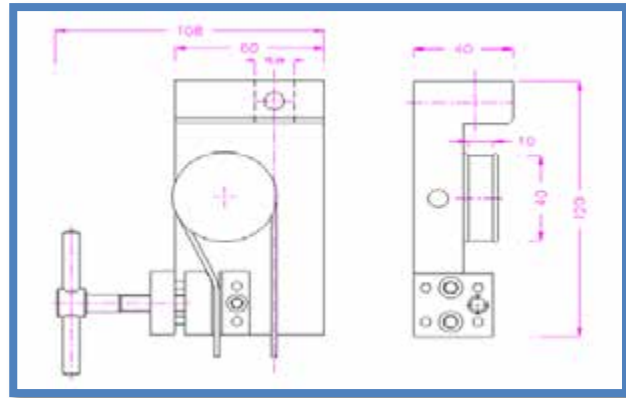
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4623	Screw action grip with diamond faces
Jaw Size	30mm x 12mm
Maximum Sample Width	8mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	800g
Minimum Loadcell	50N
Width	108mm
Height	120mm
Depth	40mm
Bollard Diameter	40mm



Above the 01/4623 grip and dimensions for reference only

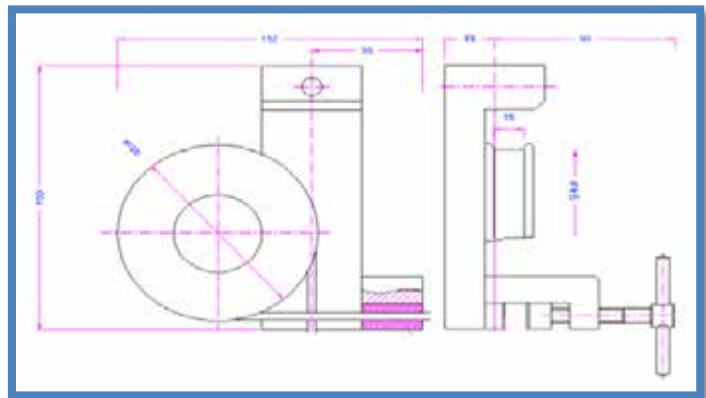
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as yarn, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4624	Screw action grip with crosscut faces
Jaw Size	30mm x 15mm
Maximum Sample Width	9mm
Maximum Sample Diameter	9mm
Jaw Opening	20mm
Maximum Force Rating	20KN
Fixing Type	5/8 inch
Weight	2.7Kg
Minimum Loadcell	500N
Width	152mm
Height	150mm
Depth	115mm
Bollard Diameter	94mm



Above the 01/4624 shown with a rope sample and the outline drawing for reference

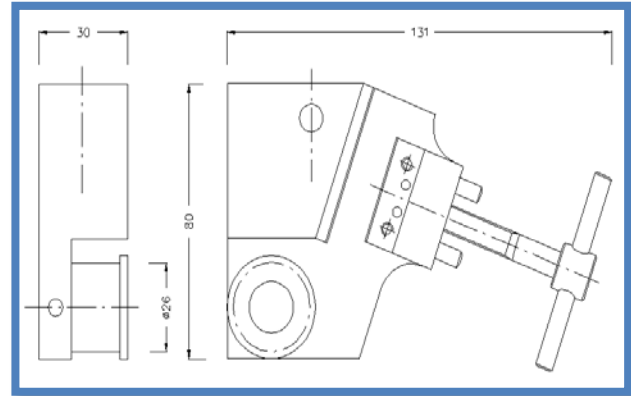
Bollard Grips

A thin rope, yarn and thread bollard grip, ideally it should be used with an extensometer to calculate true strain in the sample. Pneumatic versions are available

The 01/4625 is designed for the tensile strength of fibers, wires, yarns, threads and ropes it is fitted with a crosscut face as standard with no optional faces

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4625	Screw action with crosscut face 30mm x 15mm
Maximum Sample Width	15mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	900g
Minimum Loadcell	50N
Width	131mm
Height	80mm
Depth	30mm



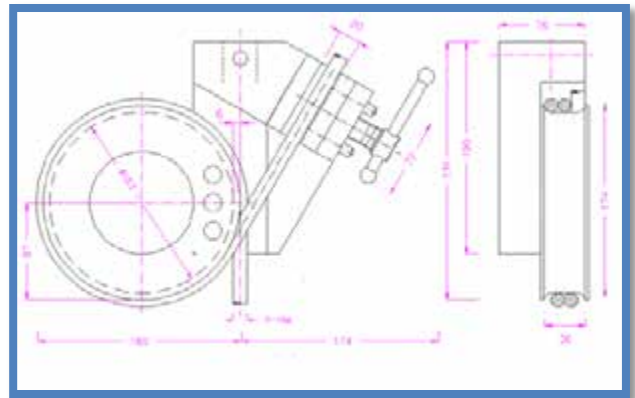
The grip shown above with a dimension drawing for reference

Bollard Grips

The grip is suitable for samples such as rope and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4628	Crosscut jaws
Jaw Size	70mm x 30mm
Maximum Sample Width	12mm
Maximum Sample Diameter	20mm
Minimum Sample Length	1500mm
Jaw Opening	20mm
Maximum Force Rating	50KN
Fixing Type	1 ¼ inch
Weight	13.9Kg
Minimum Loadcell	1000N
Width	354mm
Height	231mm
Depth	76mm
Bollard Diameter	162mm



Above the grip shown and the dimension drawing for reference

Special Compression Devices

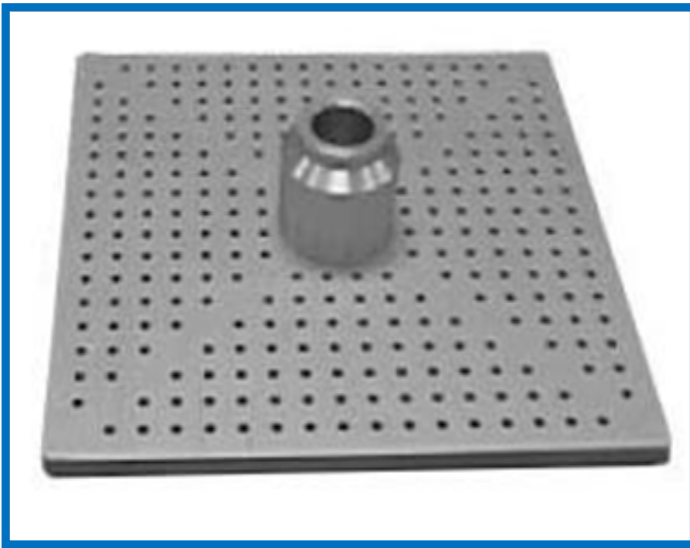
Foam compression jig to ASTM D 3574, top plate round 323cm² bottom plate 390mm x 390mm with 6mm holes spaced at 20mm. Also available on request to ISO3386-1, ISO2439, ASTM D5672

Aluminium Anodized

Temperature Range – 70 °C to + 180 °C

(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type
01/4100	390mm x390mm lower 323cm ² upper	20kN	Pair	5/8 inch



Special Compression Devices

Ball compression fixtures are a range of hardened steel probes that are available with a tip radius in the range 1mm to 50mm, suitable for puncture and penetration tests. Thin film plastics, geotextile membranes, shrink wrap film and stretch wrap films.

May also be used in probing by penetration tests for foods, such as vegetables, fruits, bakery products, meats and fish

Specify the ball radii on order

Hardened Steel – 58 HRC

Temperature Range – 70 °C to + 180 °C

(Other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type
01/4103	1mm to 50mm radius	10kN	Single	5/8 inch



Round Compression Plates

Round compression plates used for general compression testing. Available in aluminium for the testing of soft samples such as cardboard, plastics, rubber, foams, lightweight springs, bottles and cartons.

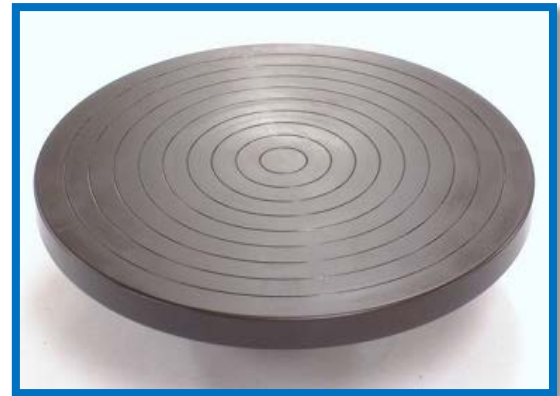
Available in hardened steel for the testing of rubber, plastics, heavy duty springs, building products, composites, and ceramics.

*Aluminium Plates - Aluminium Anodized
Temperature Range – 70 °C to + 180 °C
(Plates with other dimensions available on request)*

Part Number	Diameter Ø	Maximum Force	Weight	Fixing Type
01/4000	56mm	20kN	0.1Kg	15.9mm (5/8 inch)
01/4001	96mm	20kN	0.3Kg	15.9mm (5/8 inch)
01/4002	116mm	20kN	0.4Kg	15.9mm (5/8 inch)
01/4003	156mm	20kN	0.6Kg	15.9mm (5/8 inch)
01/4004	56mm	20kN	0.12Kg	31.8mm (1 ¼ inch)
01/4005	96mm	20kN	0.32Kg	31.8mm (1 ¼ inch)
01/4006	116mm	20kN	0.42Kg	31.8mm (1 ¼ inch)
01/4007	156mm	20kN	0.62Kg	31.8mm (1 ¼ inch)
01/4008	196mm	20kN	1.2Kg	31.8mm (1 ¼ inch)
01/4009	246mm	20kN	1.5Kg	31.8mm (1 ¼ inch)
01/4010	296mm	20kN	3.3Kg	31.8mm (1 ¼ inch)



Aluminium Compression Plate



Steel Compression Plate

Steel Plates - Hardened steel 58 HRC, manganese phosphate treated

Temperature range – 0 °C to + 350 °C

Nickel plated – 70 °C to + 350 °C

(Plates with other dimensions available on request)

Part Number	Diameter Ø	Maximum Force	Weight	Fixing Type
01/4011	56mm	20kN	0.3Kg	15.9mm (5/8 inch)
01/4012	96mm	20kN	0.7Kg	15.9mm (5/8 inch)
01/4013	116mm	20kN	1.1Kg	15.9mm (5/8 inch)
01/4014	156mm	20kN	1.6Kg	15.9mm (5/8 inch)
01/4015	156mm	100kN	1.62Kg	31.8mm (1 ¼ inch)
01/4016	196mm	100kN	4.0Kg	31.8mm (1 ¼ inch)
01/4017	56mm	100kN	0.32Kg	31.8mm (1 ¼ inch)
01/4018	96mm	100kN	0.72Kg	31.8mm (1 ¼ inch)
01/4019	116mm	100kN	1.12Kg	31.8mm (1 ¼ inch)
01/4022	246mm	100kN	4.4Kg	31.8mm (1 ¼ inch)
01/4023	296mm	100kN	9.0Kg	31.8mm (1 ¼ inch)
01/4024	346mm	100kN	12Kg	31.8mm (1 ¼ inch)

Self Aligning Compression Plates

Self aligning compression plates, the device allows the compression plate to self align relative to the direct of applied force. The adaptor can also be locked in a fixed position if required

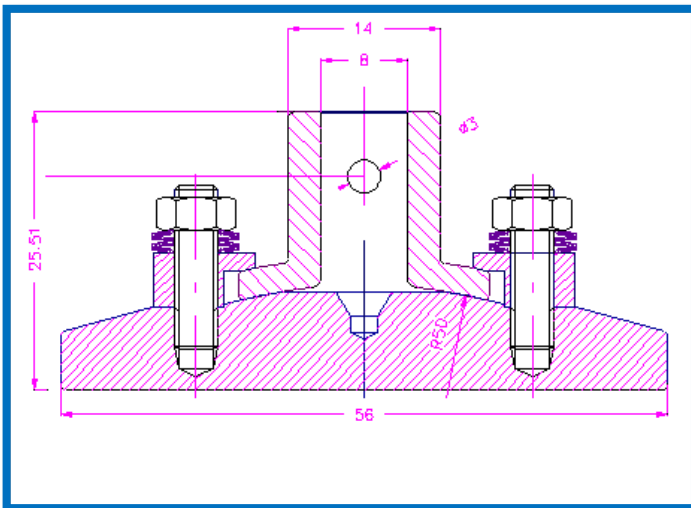
Hardened steel 58 HRC, phosphate coated

Temperature Range 0 °C to + 280 °C

Nickel plated Temperature Range – 70 °C to + 280 °C

(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type	Weight
01/4091	56mm Ø	20kN	Single	5/8 inch	1.27Kg
01/4092	96mm Ø	20kN	Single	5/8 inch	1.4Kg
01/4093	116mm Ø	20kN	Single	5/8 inch	1.7Kg
01/4094	156mm Ø	20kN	Single	5/8 inch	2.7Kg
01/4095	56mm Ø	100kN	Single	1 ¼ inch	5.2Kg
01/3736	156mm Ø	100kN	Single	1 ¼ inch	5.1Kg
01/4097	196mm Ø	100kN	Single	1 ¼ inch	6.4Kg
01/4098	196mm x 196mm	100kN	Single	1 ¼ inch	7Kg

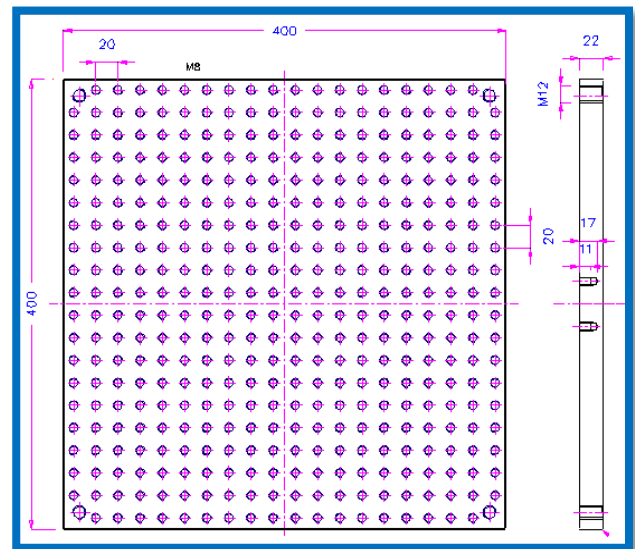
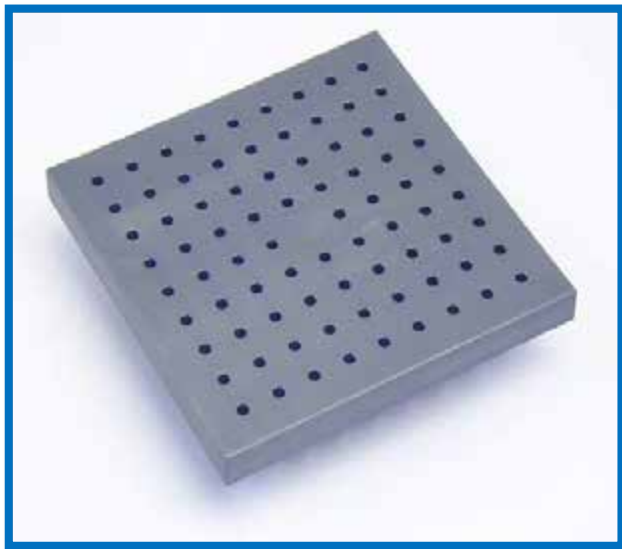


Square and Rectangular Compression Plates with Holes

Square and rectangular compression plates with through holes across the entire surface. Required when testing foam samples to allow air to escape the sample during testing, or damp / wet samples when used in conjunction with a drip tray
ISO3386-1, ISO2439, ASTM D3574 and ASTM D5672 are applicable standards for these grips
Plate holes are 6mm diameter equidistantly spaced at 20mm

Aluminium Plates - Aluminium Anodized
Temperature Range 0 °C to + 180 °C
6mm diameter holes 20mm spaced
(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type
01/4067	120mm x 120mm	20kN	Single Plate	5/8 inch
01/4068	150mm x 150mm	20kN	Single Plate	5/8 inch
01/4069	200mm x 200mm	20kN	Single Plate	5/8 inch
01/4070	150mm x 220mm	20kN	Single Plate	5/8 inch
01/4071	400mm x 400mm	20kN	Single Plate	5/8 inch
01/4072	120mm x 120mm	50kN	Single Plate	1 ¼ inch
01/4073	150mm x 150mm	50kN	Single Plate	1 ¼ inch
01/4074	200mm x 200mm	50kN	Single Plate	1 ¼ inch
01/4075	150mm x 220mm	50kN	Single Plate	1 ¼ inch
01/4076	400mm x 400mm	50kN	Single Plate	1 ¼ inch



Square and Rectangular Compression Plates

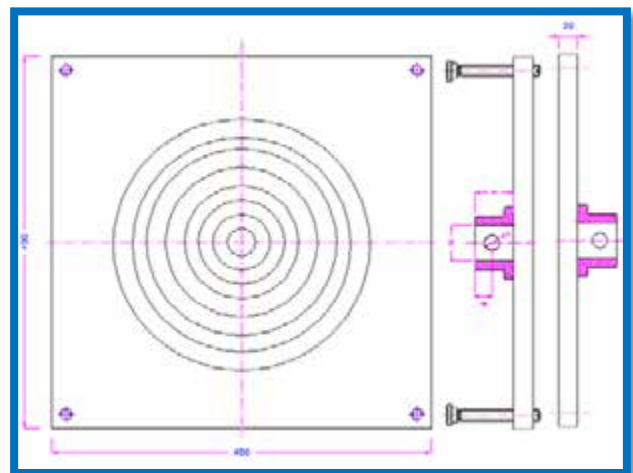
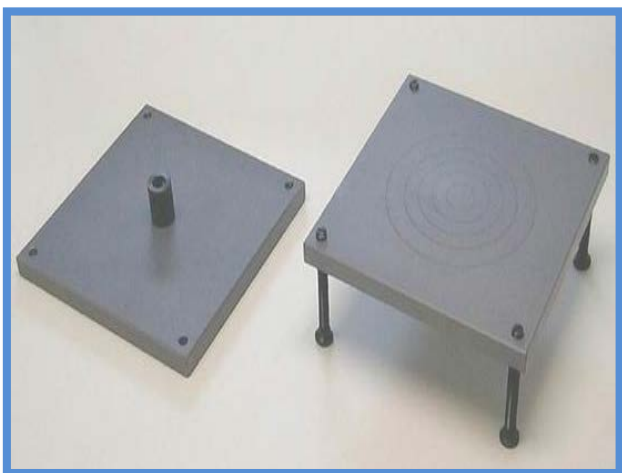
Square and rectangular compression plates used for general compression testing.

Available in aluminium for the testing of soft samples such as cardboard, plastics, rubber, foams, lightweight springs, bottles and cartons.

Available in hardened steel for the testing of rubber, plastics, heavy duty springs, building products, composites, and ceramics.

Aluminium Plates - Aluminium Anodized
Temperature Range – 70 °C to + 180 °C
(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type	Weight
01/4025	50mm x 50mm	20kN	Pair of Plates	5/8 inch	0.2Kg
01/4026	100mm x 100mm	20kN	Pair of Plates	5/8 inch	0.52Kg
01/4027	120mm x 180mm	20kN	Pair of Plates	5/8 inch	1.14Kg
01/4028	125mm x 250mm	20kN	Pair of Plates	5/8 inch	1.73Kg
01/4029	150mm x 150mm	20kN	Pair of Plates	5/8 inch	1.23Kg
01/4030	150mm x 300mm	20kN	Pair of Plates	5/8 inch	2.35Kg
01/4031	200mm x 200mm	20kN	Pair of Plates	5/8 inch	2.10Kg
01/4032	250mm x 250mm	20kN	Pair of Plates	5/8 inch	3.40Kg
01/4033	300mm x 300mm	20kN	Pair of Plates	5/8 inch	4.35Kg
01/4034	350mm x 350mm	20kN	Pair of Plates	5/8 inch	6.60Kg
01/4035	400mm x 400mm	20kN	Pair of Plates	5/8 inch	8.70Kg
01/4036	500mm x 500mm	20kN	Pair of Plates	5/8 inch	10.80Kg
01/4037	400mm x 600mm	20kN	Pair of Plates	5/8 inch	10Kg
01/4038	50mm x 50mm	20kN	Pair of Plates	1 ¼ inch	0.22Kg
01/4039	100mm x 100mm	20kN	Pair of Plates	1 ¼ inch	0.54Kg
01/4040	120mm x 180mm	20kN	Pair of Plates	1 ¼ inch	1.16Kg
01/4041	125mm x 250mm	20kN	Pair of Plates	1 ¼ inch	1.75Kg
01/4042	150mm x 150mm	20kN	Pair of Plates	1 ¼ inch	1.25Kg
01/4043	150mm x 300mm	20kN	Pair of Plates	1 ¼ inch	2.37Kg
01/4044	200mm x 200mm	20kN	Pair of Plates	1 ¼ inch	2.12Kg
01/4045	250mm x 250mm	20kN	Pair of Plates	1 ¼ inch	3.44Kg
01/4046	300mm x 300mm	20kN	Pair of Plates	1 ¼ inch	4.37Kg
01/4047	350mm x 350mm	20kN	Pair of Plates	1 ¼ inch	6.62Kg
01/4048	400mm x 400mm	20kN	Pair of Plates	1 ¼ inch	8.72Kg
01/4049	500mm x 500mm	20kN	Pair of Plates	1 ¼ inch	10.82Kg
01/4050	400mm x 600mm	20kN	Pair of Plates	1 ¼ inch	10.2Kg



Square and Rectangular Compression Plates

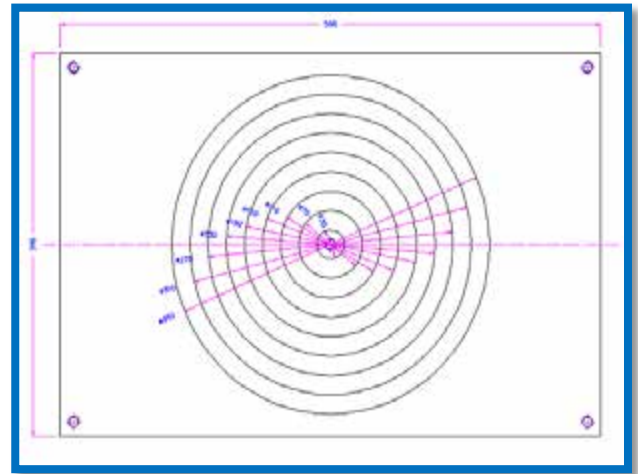
Steel Plates - Hardened steel 58 HRC

Temperature range – 0 °C to + 350 °C

Nickel plated – 70 °C to + 350 °C *(on request)*

(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type	Weight
01/4051	100mm x 100mm	20kN	Single Plate	5/8 inch	1.54Kg
01/4052	196mm x 196mm	20kN	Single Plate	5/8 inch	6.6Kg
01/4053	246mm x 246mm	20kN	Single Plate	5/8 inch	10.4Kg
01/4054	296mm x 296mm	20kN	Single Plate	5/8 inch	13.6Kg
01/4055	396mm x 396mm	20kN	Single Plate	5/8 inch	33.0Kg
01/4056	396mm x 496mm	20kN	Single Plate	5/8 inch	37.0Kg
01/4057	496mm x 496mm	20kN	Single Plate	5/8 inch	43.0Kg
01/4058	396mm x 596mm	20kN	Single Plate	5/8 inch	46.0Kg
01/4059	100mm x 100mm	100kN	Single Plate	1 ¼ inch	1.64Kg
01/4060	196mm x 196mm	100kN	Single Plate	1 ¼ inch	6.7Kg
01/4061	246mm x 246mm	100kN	Single Plate	1 ¼ inch	10.6Kg
01/4062	296mm x 296mm	100kN	Single Plate	1 ¼ inch	13.8Kg
01/4063	396mm x 396mm	100kN	Single Plate	1 ¼ inch	33.8Kg
01/4064	396mm x 496mm	100kN	Single Plate	1 ¼ inch	37.8Kg
01/4065	496mm x 496mm	100kN	Single Plate	1 ¼ inch	43.8Kg
01/4066	396mm x 596mm	100kN	Single Plate	1 ¼ inch	46.8Kg



Square and Rectangular T-Slot Compression Plates

Square and rectangular T-Slot compression plates used for compression testing and holding irregular shaped samples for compression and tension testing, ideal for automotive, electronic circuit boards, plastic components and wood

Available in aluminium and steel versions

Supplied without T-Nuts but available on request as T-Slots vary between grip sizes

Aluminium Plates

Aluminium Anodized

Temperature Range – 70 °C to + 180 °C

(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type
01/4077	250mm x 250mm	20kN	Single Plate	5/8 inch
01/4078	220mm x 400mm	20kN	Single Plate	5/8 inch
01/4079	380mm x 400mm	20kN	Single Plate	5/8 inch
01/4080	250mm x 250mm	20kN	Single Plate	1 ¼ inch
01/4081	220mm x 400mm	20kN	Single Plate	1 ¼ inch
01/4082	380mm x 400mm	20kN	Single Plate	1 ¼ inch

Steel Plates

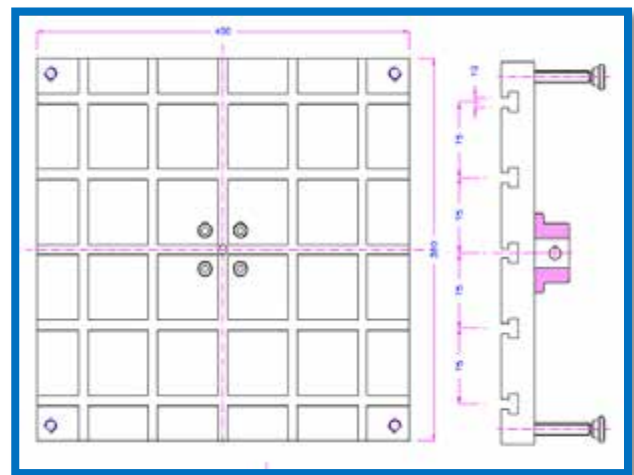
Hardened steel 58HRC

Temperature Range 0 °C to + 350 °C

Nickel Plated Temperature Range – 70 °C to + 350 °C *(on request)*

(Plates with other dimensions available on request)

Part Number	Dimensions	Maximum Force	Supplied As	Fixing Type
01/4083	250mm x 250mm	20kN	Single Plate	5/8 inch
01/4084	220mm x 400mm	20kN	Single Plate	5/8 inch
01/4085	380mm x 400mm	20kN	Single Plate	5/8 inch
01/4056	296mm x 496mm	20kN	Single Plate	5/8 inch
01/4087	250mm x 250mm	100kN	Single Plate	1 ¼ inch
01/4088	220mm x 400mm	100kN	Single Plate	1 ¼ inch
01/4089	380mm x 400mm	100kN	Single Plate	1 ¼ inch
01/4090	296mm x 496mm	100kN	Single Plate	1 ¼ inch



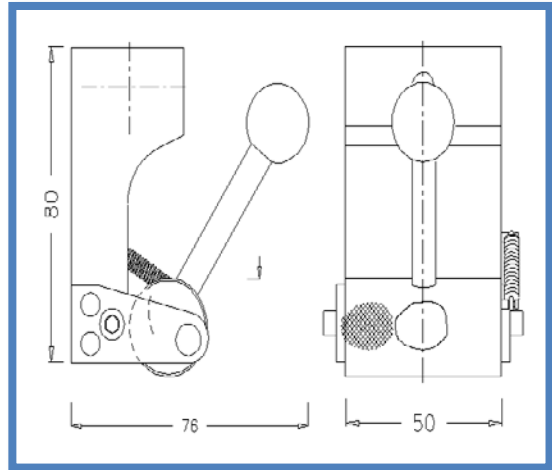
Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4184	Eccentric roller grip with crosscut faces 50mm wide	0 - 7mm	1kN	5/8 inch	509g

Dimensions	
Width	50mm
Height	80mm
Depth	76mm (including handle)



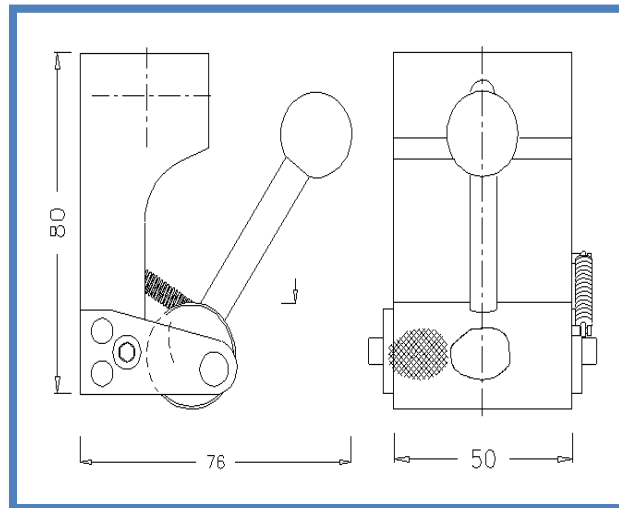
Eccentric Roller Grips

A range of self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, paper and cardboard and foils

Aluminium Anodized
Temperature ranges 0 - +70 °C (restricted due to rubber faces)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4185	Eccentric roller grip with plain roller and rubber lined grip body 50mm wide	0 – 7mm	1Kn	5/8 inch	509g

Dimensions	
Width	50mm
Height	80mm
Depth	76mm (including handle)



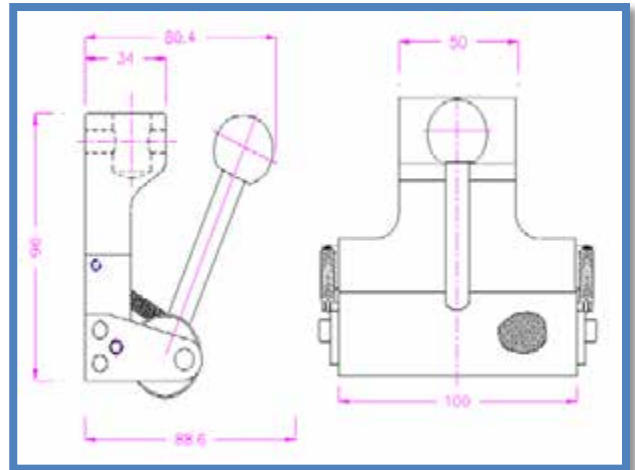
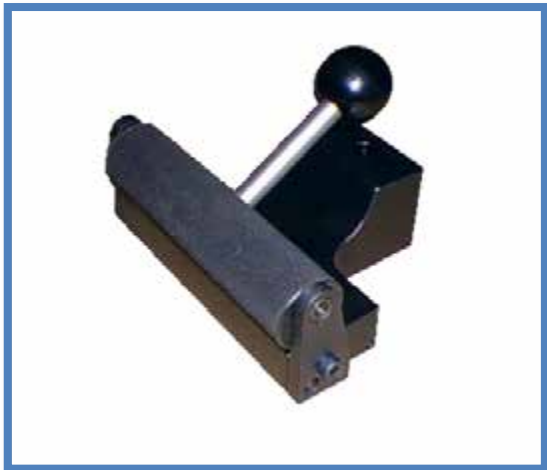
Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4186	Eccentric roller grip with crosscut faces 100mm wide	0 – 7mm	5kN	5/8 inch	500g

Dimensions	
Width	100mm
Height	96mm
Depth	89mm (including handle)



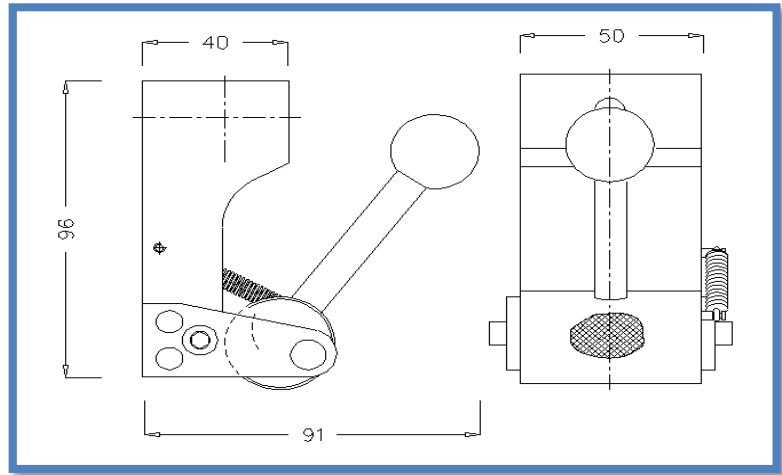
Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4187	Eccentric roller grip with crosscut faces 50mm wide	0 – 7mm	5kN	5/8 inch	667g

Dimensions	
Width	50mm
Height	96mm
Depth	91mm (including handle)



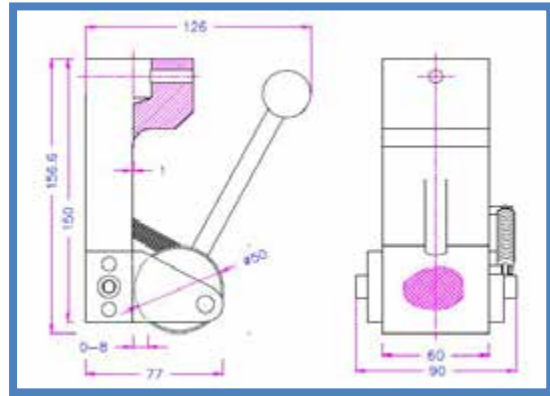
Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4188	Eccentric roller grip with crosscut faces 60mm wide	0 – 8mm	10kN	5/8 inch	900g

Dimensions	
Width	90mm
Height	157mm
Depth	126mm (including handle)



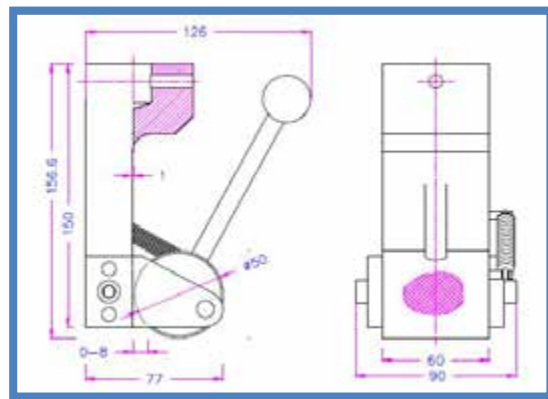
Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils
The 01/4189 is fitted with a sample alignment device to ensure samples are always fitted correctly by the operator

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4189	Eccentric roller grip with crosscut faces 60mm wide and sample centering device	0 – 8mm	10kN	5/8 inch	900g

Dimensions	
Width	90mm
Height	157mm
Depth	126mm (including handle)



Eccentric Roller Grips

A self tightening eccentric roller grips, the grip tightens as the sample is pulled
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils
The 01/4190 has dual rollers for symmetrical gripping of the sample

Aluminium Anodized
Temperature ranges 0 - +130 °C
(Other temperature on request)

Part Number	Description	Sample Thickness	Rating	Fixing	Weight
01/4190	Eccentric dual roller grip 30mm x 50mm	0 – 7mm	5kN	5/8 inch	1.1Kg



Hydraulic Grips

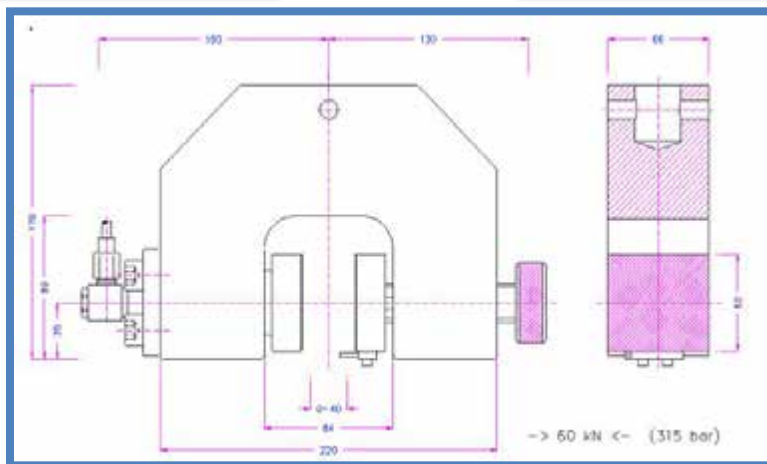
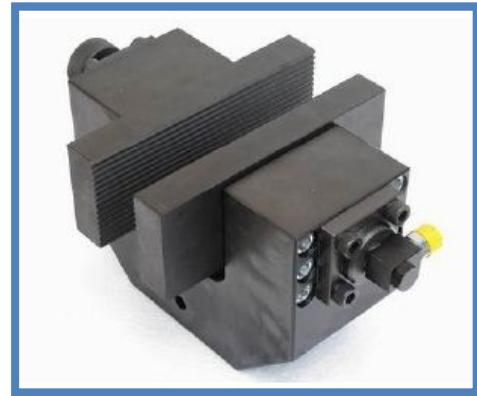
A Hydraulic grip with single actuator, single actuator grips have one side adjusted by manual tightening action screw and the grips are suitable for offset sample alignment for shear testing
Ideal for all types of samples, rubber, plastic dumbbells, metal, fabrics and composites (depends on rating)
All Hydraulic grips are suitable for use with the Hydraulic Pumps (01/4781-82-83) Hydraulic connection 1/4 inches

Steel, Manganese Phosphate Coated
Hydraulic Connection 1/4"
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Opening	Weight	Max Rating	Fixing
01/4721	Hydraulic Grip supplied with no faces, Single actuator, 15mm stroke	Pair	Face Dependant	15Kg	60kN 315 bar	1 1/4 Inch

Face options

Part Number	Description	Quantity	Rating
01/4723	60mm x 66mm, Plain faces, 0mm to 30mm opening	Set of 4	60kN
01/4724	60mm x 66mm, Cross-Cut faces, 0mm to 30mm opening	Set of 4	60kN
01/4725	60mm x 66mm, V-Notch faces, 8mm to 30mm round Samples	Set of 4	60kN
01/4726	60mm x 66mm, Wave faces, 0mm to 20mm opening	Set of 4	60kN
01/4727	60mm x 66mm, Diamond Coated faces, 0mm to 30mm opening	Set of 4	60kN
01/4728	60mm x 66mm, Diamond Coated V-Notch faces, 8mm to 30mm round Samples	Set of 4	60kN
01/4729	70mm x 210mm, Plain faces, 0mm to 20mm opening	Set of 4	60kN
01/4730	70mm x 210mm, Rubber faces, 0mm to 16mm opening	Set of 4	60kN
01/4731	70mm x 210mm, Rubber Wave faces, 0mm to 20mm opening	Set of 4	60kN



Hydraulic Grips

A Hydraulic grips with dual actuator; ideal for all types of samples, rubber, plastic dumbbells, metal, fabrics and composites (depends on rating)

All Hydraulic grips are suitable for use with the Hydraulic Pumps (01/4781-82-83) Hydraulic connection ¼ inches

Steel, Manganese Phosphate Coated

Hydraulic Connection 1/4"

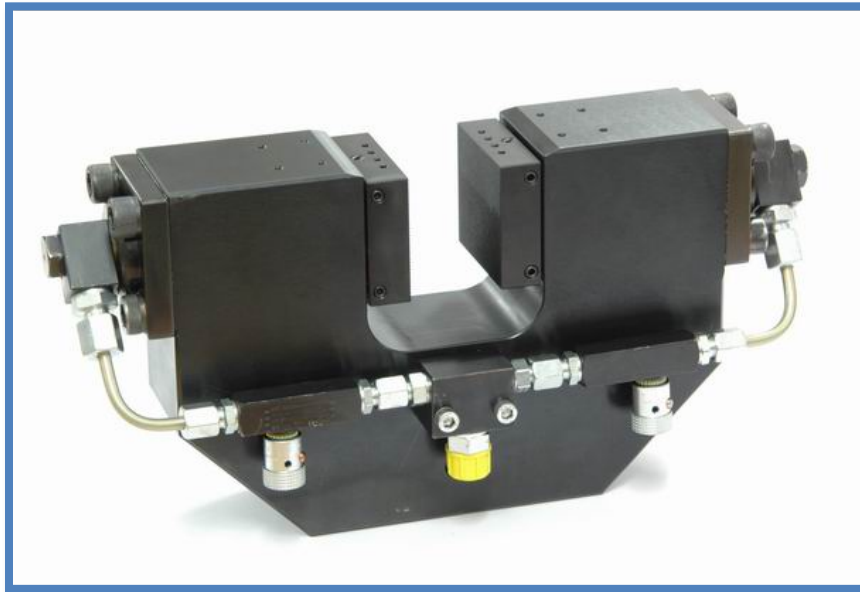
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Opening	Weight	Max Rating	Fixing
01/4721	Hydraulic Grip supplied with no faces, Dual actuator, 15mm stroke	Pair	Face Dependant	15Kg	60kN 315 bar	1 ¼ Inch

Face options

Part Number	Description	Quantity	Rating
01/4723	60mm x 66mm, Plain faces, 0mm to 30mm opening	Set of 4	60kN
01/4724	60mm x 66mm, Cross-Cut faces, 0mm to 30mm opening	Set of 4	60kN
01/4725	60mm x 66mm, V-Notch faces, 8mm to 30mm round Samples	Set of 4	60kN
01/4726	60mm x 66mm, Wave faces, 0mm to 20mm opening	Set of 4	60kN
01/4727	60mm x 66mm, Diamond Coated faces, 0mm to 30mm opening	Set of 4	60kN
01/4728	60mm x 66mm, Diamond Coated V-Notch faces, 8mm to 30mm round Samples	Set of 4	60kN
01/4729	70mm x 210mm, Plain faces, 0mm to 20mm opening	Set of 4	60kN
01/4730	70mm x 210mm, Rubber faces, 0mm to 16mm opening	Set of 4	60kN
01/4731	70mm x 210mm, Rubber Wave faces, 0mm to 20mm opening	Set of 4	60kN



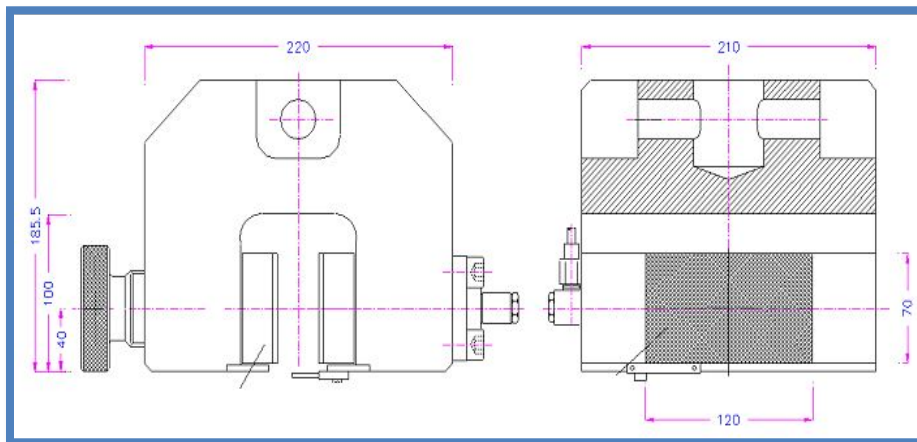
Hydraulic Grips

A Hydraulic grips with single actuator, single actuator grips have one side adjusted by manual tightening action screw, and the grips are suitable for offset sample alignment for shear testing
Ideal for all types of samples, rubber, plastic dumbbells, metal, fabrics and composites (depends on rating)
All Hydraulic grips are suitable for use with the Hydraulic Pumps (01/4781-82-83) Hydraulic connection ¼ inches

Steel, Manganese Phosphate Coated
Hydraulic Connection 1/4"
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Opening	Weight	Max Rating	Fixing
01/4732	Hydraulic Grip supplied with no faces, Single actuator, 15mm stroke	Pair	Face Dependant	55Kg	180kN 315 bar	1 ¼ Inch

Part Number	Description	Quantity	Rating
01/4734	60mm x 66mm, Plain faces, 0mm to 30mm opening	Set of 4	180kN
01/4735	70mm x 120mm, Cross-Cut faces, 0mm to 30mm	Set of 4	180kN
01/4736	60mm x 66mm, V-Notch faces, 8mm to 30mm round Samples	Set of 4	180kN
01/4737	70mm x 210mm, Wave faces, 0mm to 20mm opening	Set of 4	180kN
01/4787	70mm x 210mm , Diamond coated jaw set	Set of 4	180kN



Hydraulic Grips

A Hydraulic grips with dual actuator; ideal for all types of samples, rubber, plastic dumbbells, metal, fabrics and composites (depends on rating)

All Hydraulic grips are suitable for use with the Hydraulic Pumps (01/4781-82-83) Hydraulic connection ¼ inches

Steel, Manganese Phosphate Coated

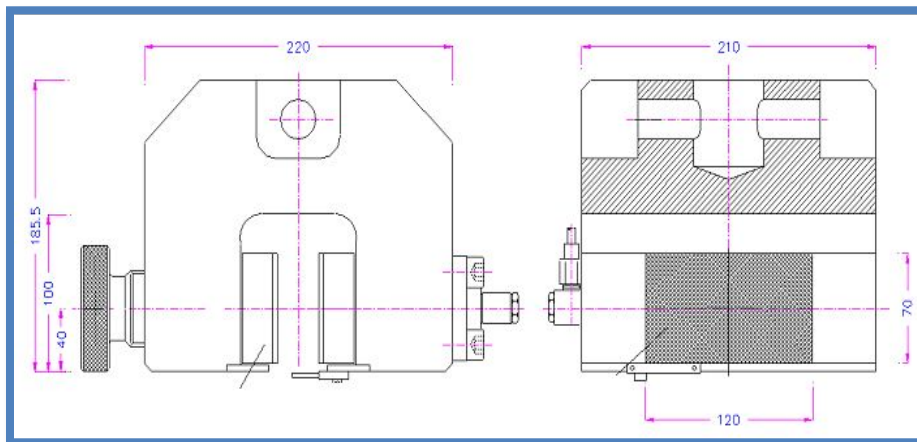
Hydraulic Connection 1/4"

Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Opening	Weight	Max Rating	Fixing
01/4733	Hydraulic Grip supplied with no faces, Dual actuator, 15mm stroke	Pair	Face Dependant	37Kg	180kN 315 bar	1 ¼ Inch

Part Number	Description	Quantity	Rating
01/4734	70mm x 210mm, Plain faces, 0mm to 30mm opening	Set of 4	180kN
01/4735	70mm x 120mm, Cross-Cut faces, 0mm to 30mm	Set of 4	180kN
01/4736	70mm x 210mm, V-Notch faces, 8mm to 30mm round Samples	Set of 4	180kN
01/4737	70mm x 210mm, Wave faces, 0mm to 20mm opening	Set of 4	180kN
01/4787	70mm x 210mm , Diamond coated jaw set	Set of 4	180kN



Hydraulic Pumps

Three options for Hydraulic power packs, all suitable for hydraulic grips

Part Number	Description
01/4781	Air pneumatic pump power pack with 2 magnetic valves and two switches 2.75 Liter/min 350 bar 1:61 (1 bar air pressure makes 61 bar oil, pressure) Minimum air pressure 1 bar 350x250x400mm 220Volt 0.1 A
01/4782	Air pneumatic pump power pack with 2 magnetic valves and two switches for open and close + box for noise reduction + analog input signal for pressure adaptation (1V =40bar, 5V=200bar, 10V=400bar) 220Volt 0.1 A
01/4783	air pneumatic pump power pack with 4 magnetic valves and two switches for close - stop - open + box for noise reduction + analog input signal for pressure adaptation (1V =40bar, 5V=200bar, 10V=400bar) 220Volt 0.1 A

01/4781 shown to the right



01/4782 box mounted for noise reduction enclosure



01/4783 shown without enclosure



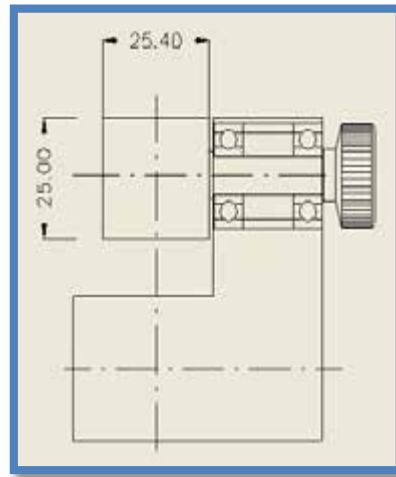
Peel and Friction Grips

Single roller peel fixture for mounting adhesive tape rolls, use in conjunction with a vice grip to peel the sample at 90 degrees to the roll

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4738	Peeling drum 25mm diameter	Single	1kN	5/8 inch



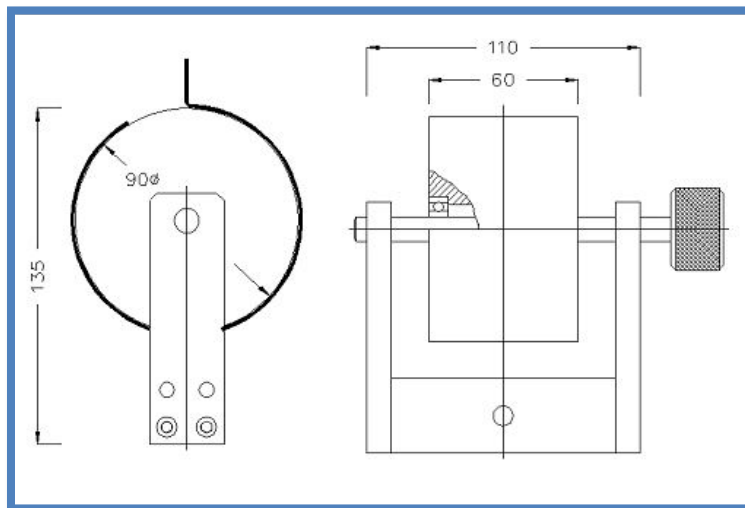
Peel and Friction Grips

A grip designed for peeling samples at 90 Degrees Applicable standard DIN53289

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4739	Peeling drum 90mm diameter	Single	10kN	5/8 inch



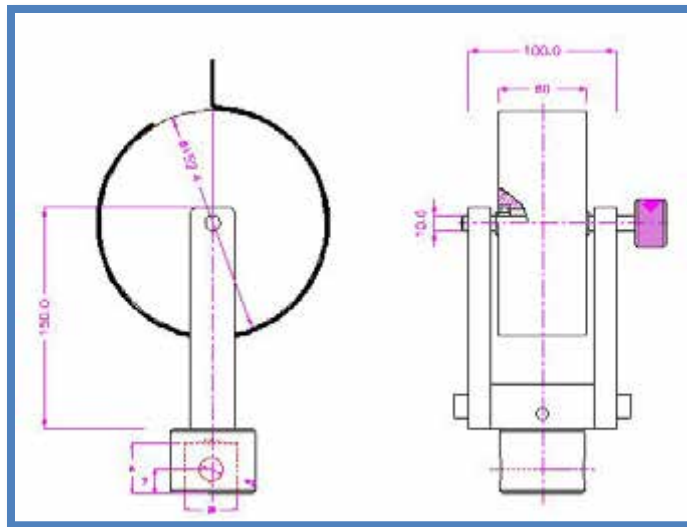
Peel and Friction Grips

A grip designed for peeling samples at 90 degrees

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4740	Peeling drum 152mm diameter	Single	1kN	5/8 inch



Peel and Friction Grips

A rolling drum peel grip with sample clamp to DIN-53357

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4741	Peeling drum 90mm diameter, with sample clamp	Single	1kN	5/8 inch



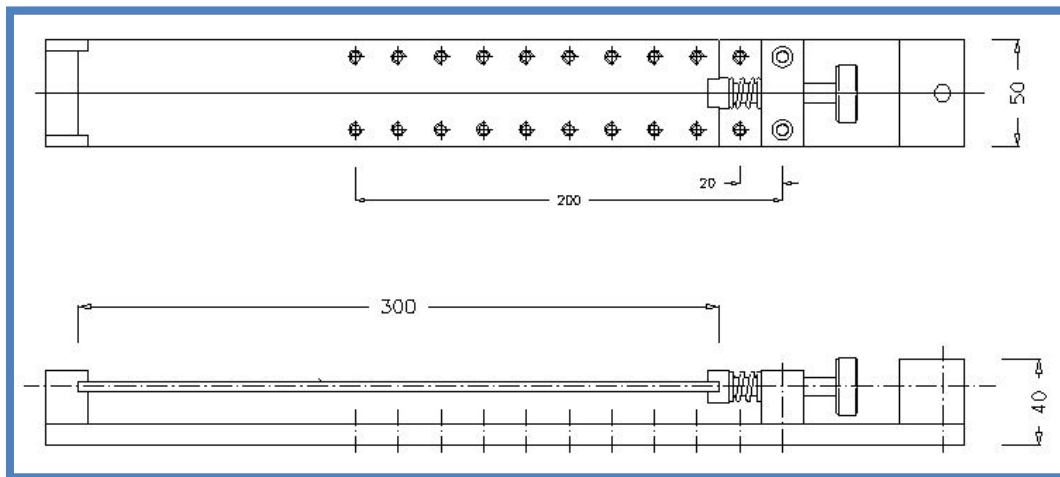
Peel and Friction Grips

A 180 degree peeling fixture with a removable plate to mount samples, other plate designs and material are available

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4742	180° peeling plate, 300mm long 50mm wide	Single	1kN	5/8 inch



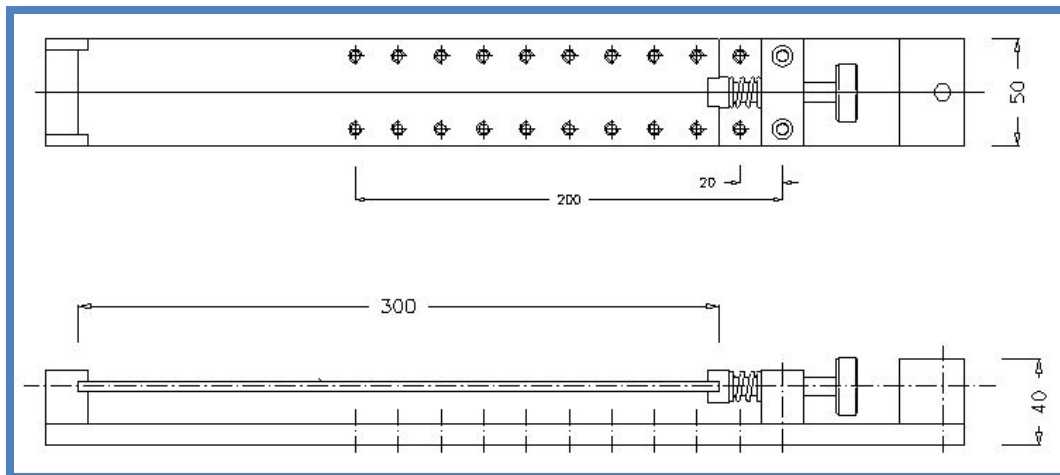
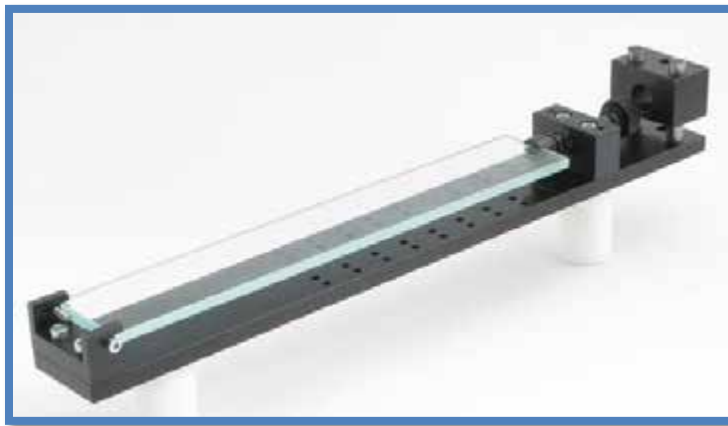
Peel and Friction Grips

A 180 degree peeling fixture with a removable glass plate to mount samples, other plate designs and material are available

Aluminium Anodized and Glass
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4742	180° peeling plate, 300mm long 50mm wide	Single	1kN	5/8 inch



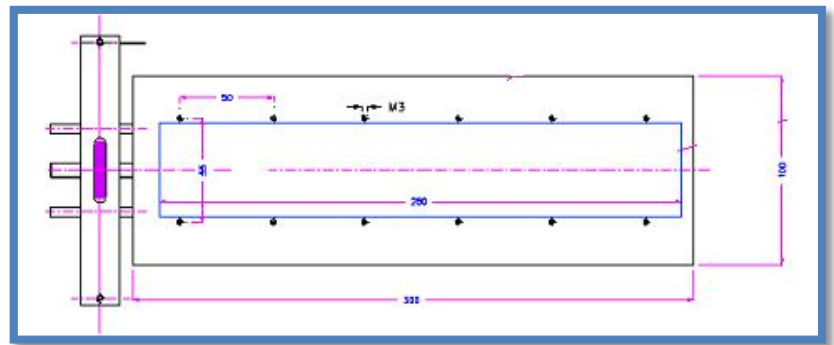
Peel and Friction Grips

A 90 degree peeling table that slides during the test to align the sample, supplied with crosshead fixing bar and guide wire, suitable for ASTM B751 and ASTM D2861

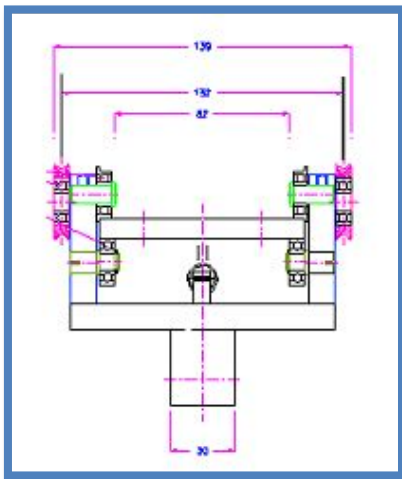
Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

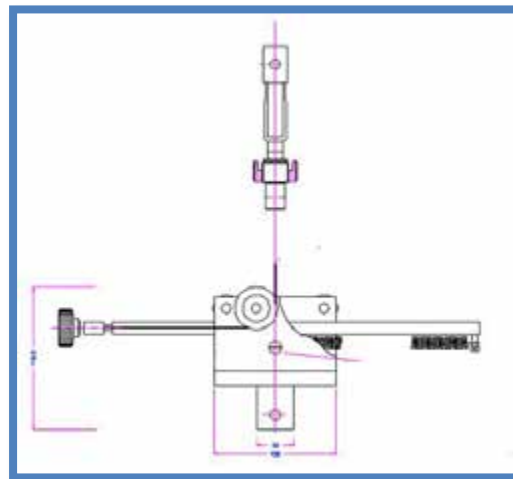
Part Number	Description	Quantity	Rating	Fixing
01/4744	90° sliding peel table 50mm x 250mm	Single	1kN	5/8 inch



Top view of table showing sample location



End view of table showing roller bearings



Side view of table

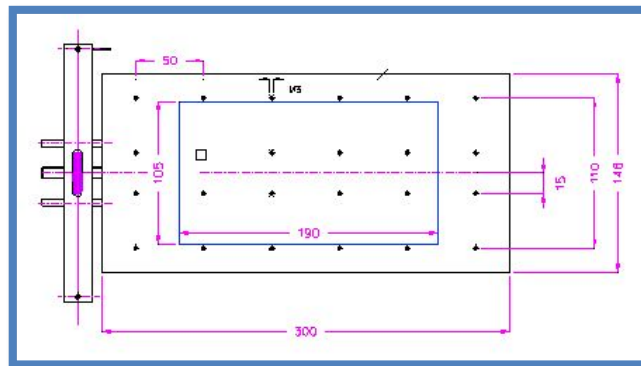
Peel and Friction Grips

A 90 degree peeling table that slides during the test to align the sample, supplied with crosshead fixing bar and guide wire, suitable for ASTM B751 and ASTM D2861

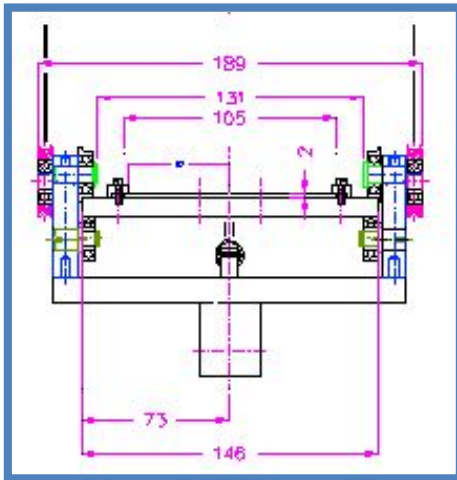
Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

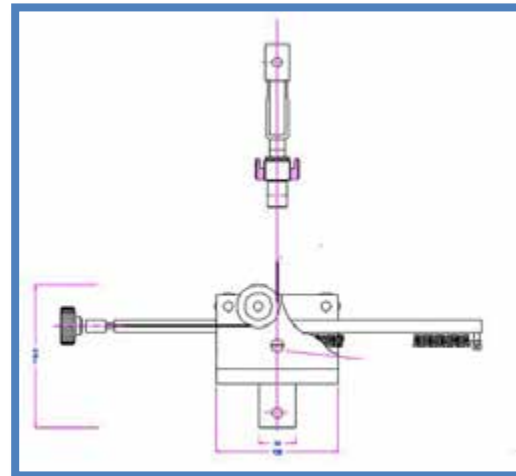
Part Number	Description	Quantity	Rating	Fixing
01/4744	90° sliding peel table 130mm x 250mm	Single	1kN	5/8 inch



Top view of table showing sample location



End view of table showing roller bearings



Side view of table

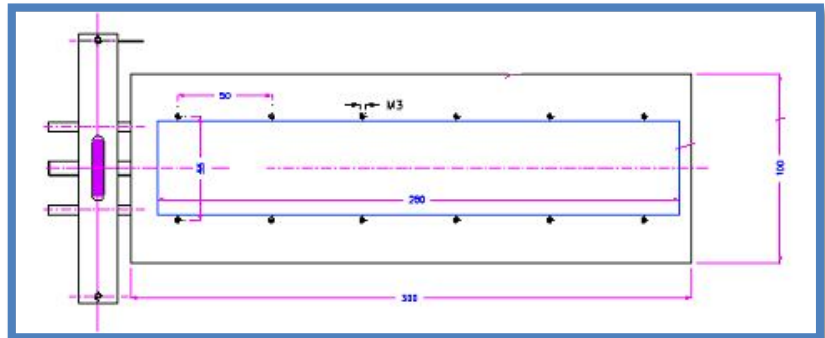
Peel and Friction Grips

A 90 degree peeling table that slides during the test to align the sample and is also capable of adjusting the angle of peel from 0 to 30 degrees from the vertical pull, supplied with crosshead fixing bar and guide wire, suitable for ASTM B751 and ASTM D2861

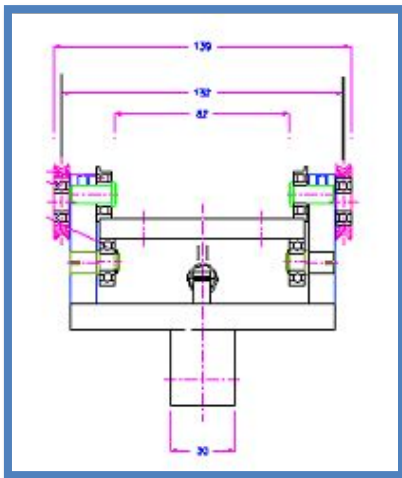
Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

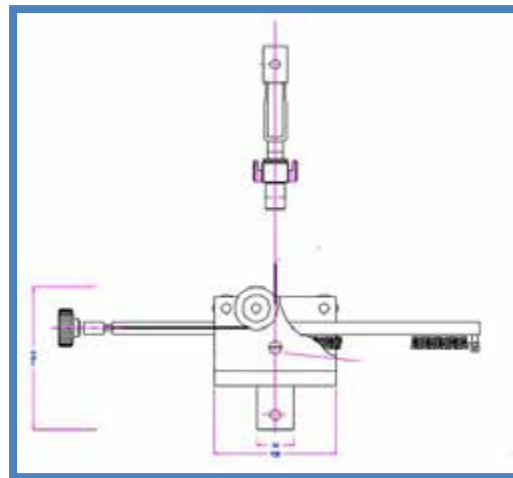
Part Number	Description	Quantity	Rating	Fixing
01/4744	90° sliding peel table 50mm x 250mm	Single	1kN	5/8 inch



Top view of table showing sample location



End view of table showing roller bearings



Side view of table

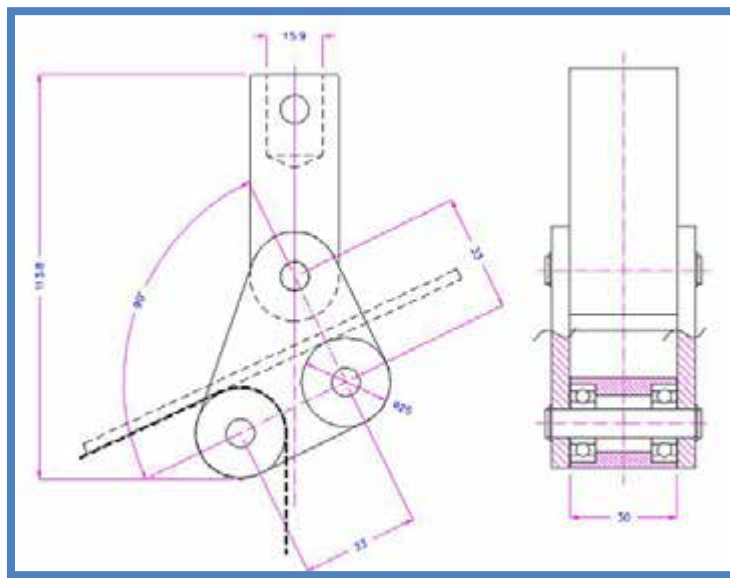
Peel and Friction Grips

A peeling fixture to EN1464, DIN53289 and ISO4578

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing	Weight
01/4747	Dual roller peeling fixture, 25mm diameter, 30mm wide	Single	10kN	5/8 inch	750g



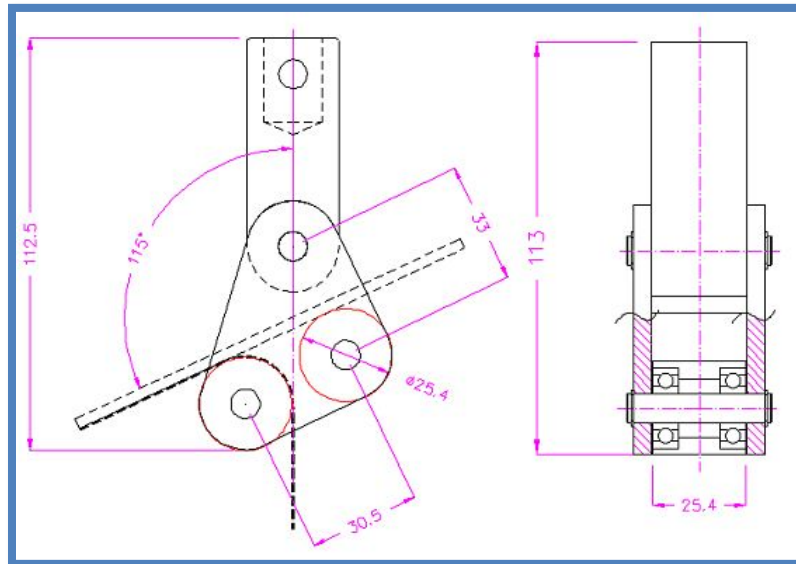
Peel and Friction Grips

A peeling fixture to ASTM D3167

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4748	Dual roller peeling fixture, 25.4mm diameter, 25.4mm wide	Single	10kN	5/8 inch



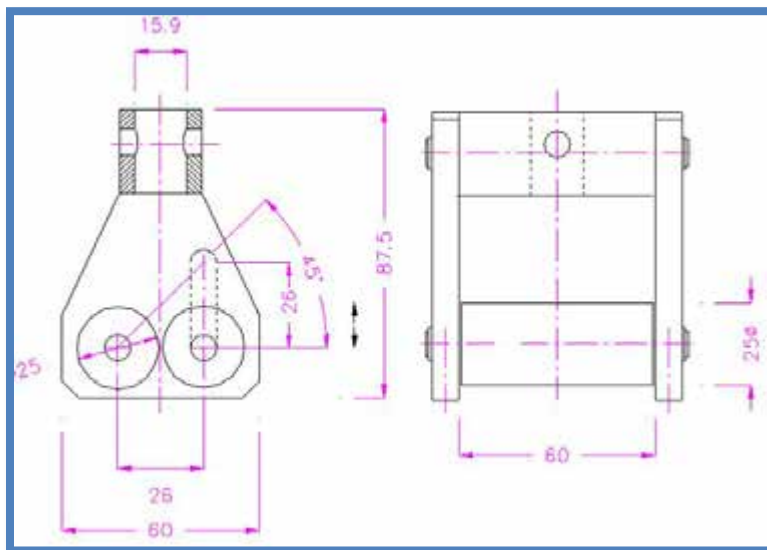
Peel and Friction Grips

General purpose two roller peeling grip

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4749	Dual roller peeling fixture, 20mm diameter, 60mm wide	Single	10kN	5/8 inch



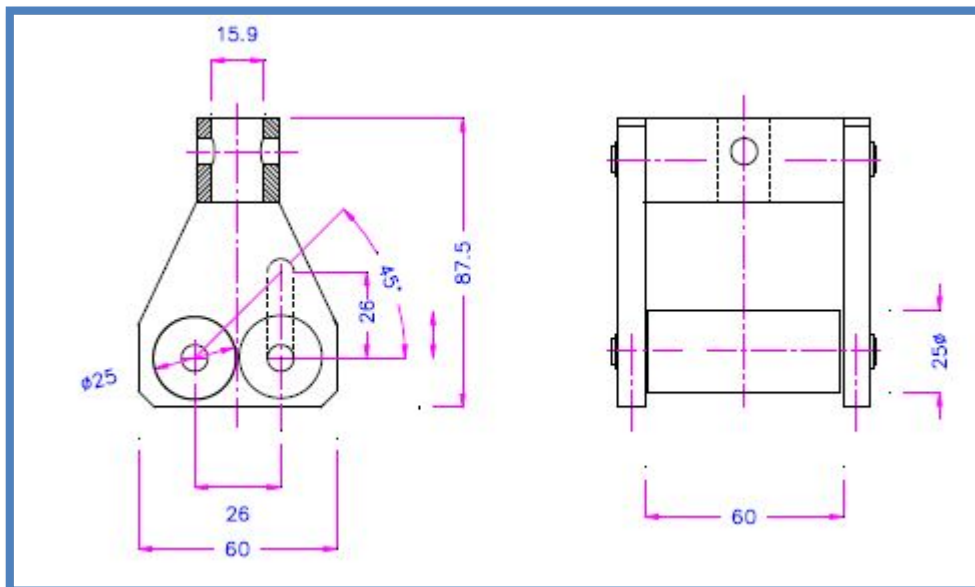
Peel and Friction Grips

General purpose two roller peeling grip, one roller adjustable

Aluminium Anodized and Steel
Temperature ranges 0 - +130 °C
(Other temperature on request)

Other variations available on request

Part Number	Description	Quantity	Rating	Fixing
01/4750	Dual roller peeling fixture, 20mm diameter, 30mm wide, adjustable width	Single	10kN	5/8 inch

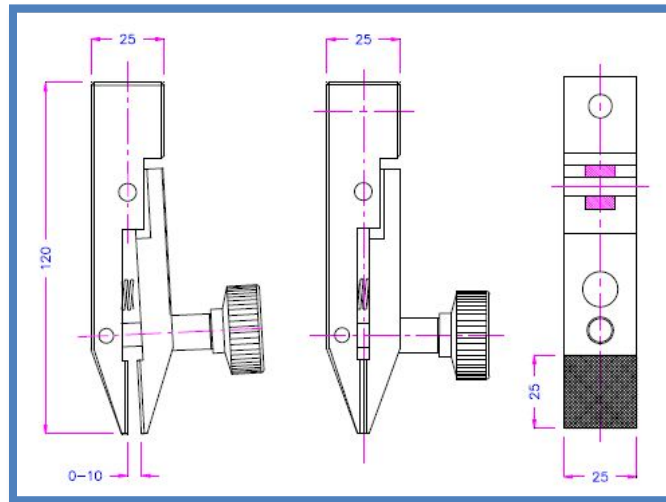


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, phosphate coated
Temperature Range 0 to +130° C
(Nickel plated -70 to +280° C)

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4191	Small pincer grip, crosscut faces	25mm x 25mm	0 – 10mm	452g	2kN	5/8 inch

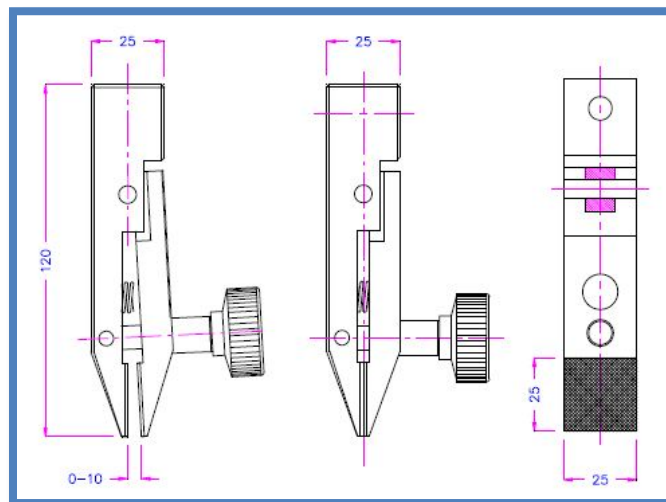


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened Nickel Plated
Temperature Range -70 to +280° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4192	Small pincer grip, crosscut faces	25mm x 25mm	0 – 10mm	452g	2kN	5/8 inch

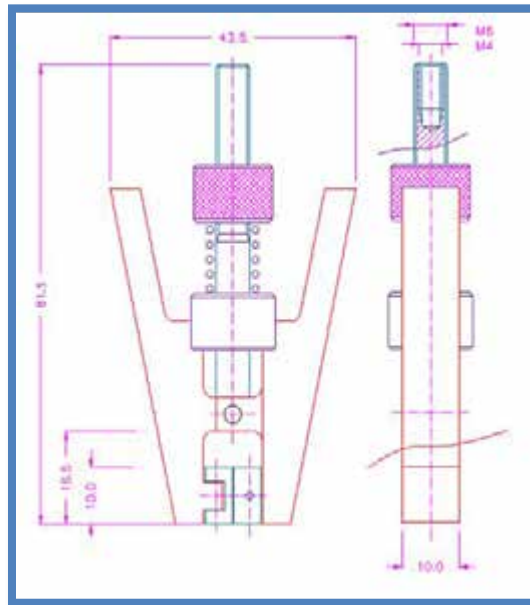


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4193	Small pincer grip, plain faces without chain	10mm x 10mm	0 – 3.4mm	98g	20N	5/8 inch

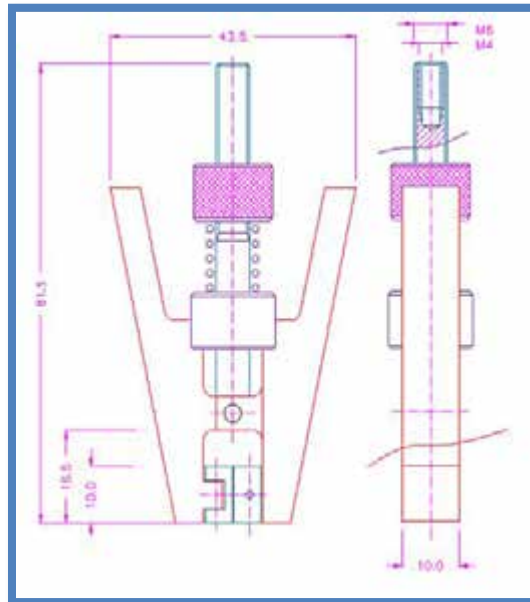


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4194	Small pincer grip, plain faces with chain 250mm	10mm x 10mm	0 – 3.4mm	98g	20N	5/8 inch

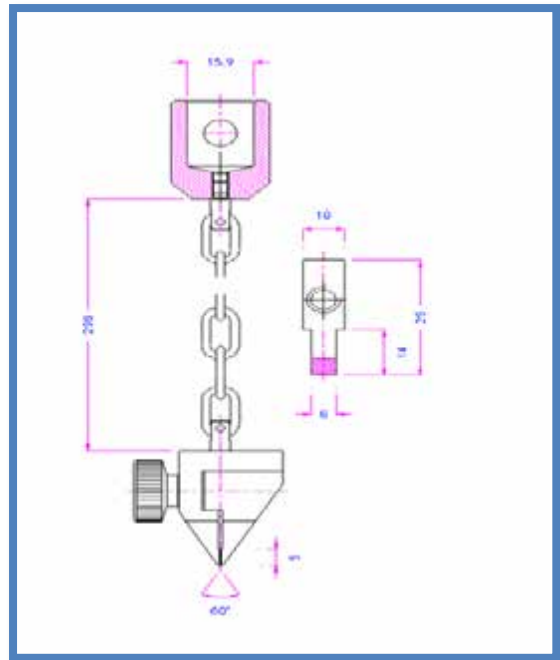


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4195	Small pincer grip, crosscut faces with chain 250mm	5mm x 6mm	0 – 4mm	95g	100N	5/8 inch

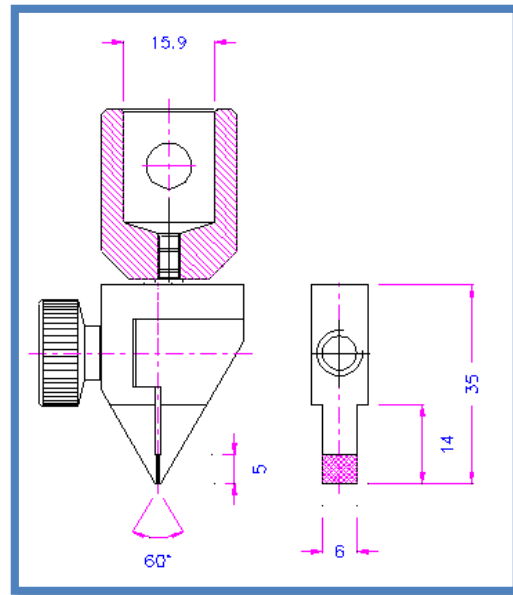


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4196	Small pincer grip, crosscut faces without chain	5mm x 6mm	0 – 4mm	95g	100N	5/8 inch

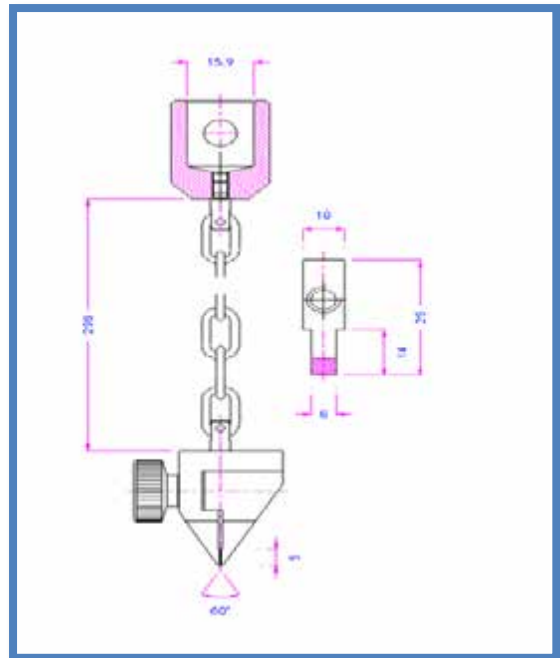


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, Nickel Plated
Temperature Range -70 to +280° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4197	Small pincer grip, crosscut faces with chain 250mm	5mm x 6mm	0 – 4mm	95g	100N	5/8 inch

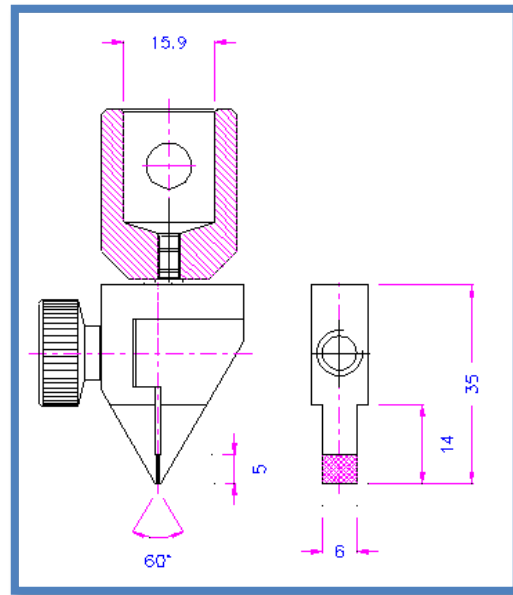


Pincer Grips

A range of small vice action pincer grips, available as direct connect and options of a connecting chain for self alignment
Ideal for testing of small component parts where access is an issue such as electrical and electronic components

Steel hardened, Nickel Plated
Temperature Range -70 to +280° C

Part Number	Description	Face Dimensions	Sample Thickness	Weight	Rating	Fixing
01/4198	Small pincer grip, crosscut faces without chain	5mm x 6mm	0 – 4mm	95g	100N	5/8 inch



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

Stainless Steel

Temperature range -70 – to +280° C

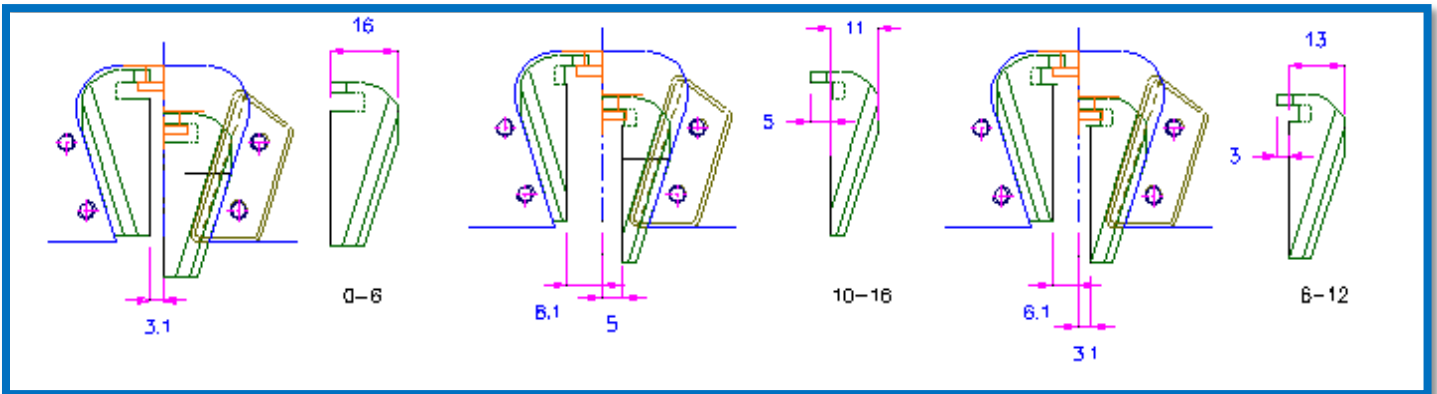
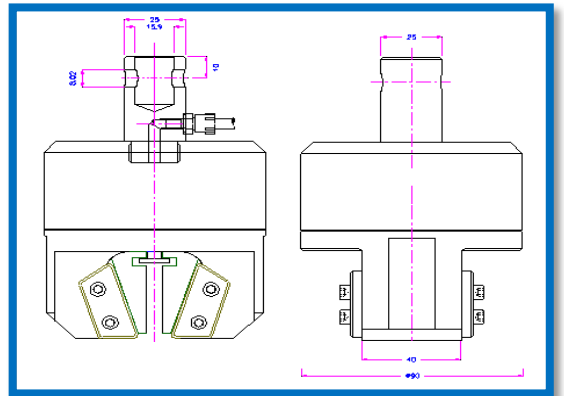
(Other temperatures on request)

Specialist wedge grip with wide temperature range, suitable for use in a thermal cabinet due to air supply connections are kept away from the body of the grip and outside the chamber. Different length extension rods are available on request and should be specified in mm from the top of the grip body to the load cell connecting point

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4354	Wedge grip, without faces for thermal cabinet	Pair		10kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4355	30mm x 40mm, crosscut faces, 0mm – 6mm opening	Set of 4	10kN	N/A
01/4356	30mm x 40mm, crosscut faces, 6mm – 12mm opening	Set of 4	10kN	N/A
01/4357	30mm x 35mm, crosscut faces, 10mm – 16mm opening	Set of 4	10kN	N/A



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

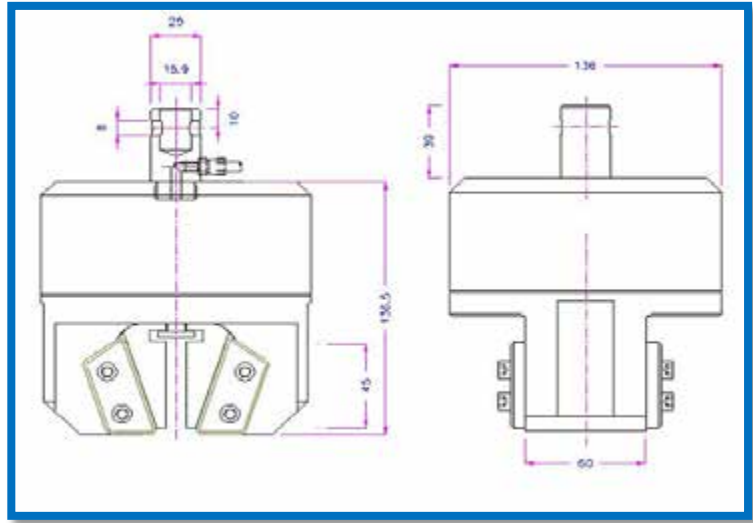
Stainless Steel

Temperature range 0 – to +70° C

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4358	Wedge grip, without faces	Pair	12Kg	20kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4359	60mm x 45mm, Cross-Cut faces 0mm - 8mm opening	Set of 4	20kN	N/A
01/4360	60mm x 45mm, V-notch faces 3mm - 8mm opening	Set of 4	20kN	N/A
01/4361	60mm x 45mm, Cross-Cut faces 7mm - 15mm opening	Set of 4	20kN	N/A
01/4362	60mm x 45mm, V-notch faces 7mm - 13mm opening	Set of 4	20kN	N/A



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

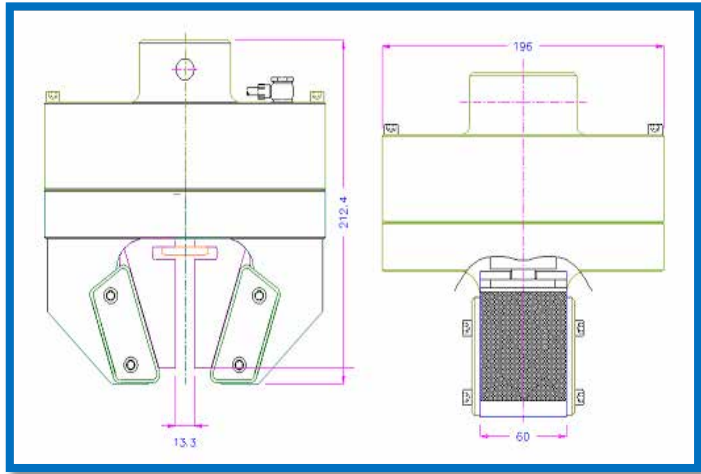
Stainless Steel

Temperature range 0 – to +70° C

Part Number	Description	Quantity	Rating	Fixing
01/4363	Wedge grip, without faces	Pair	50kN	1 1/4 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4364	60mm x 67mm, crosscut faces, 0mm – 13mm opening	Set of 4	50kN	N/A



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

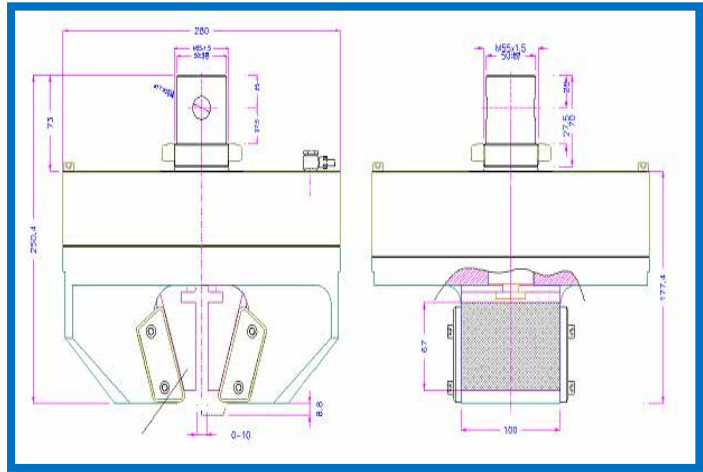
Stainless Steel

Temperature range 0 – to +70° C

Part Number	Description	Quantity	Rating	Fixing
01/4365	Wedge grip, without faces	Pair	100kN	1 1/4 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4366	60mm x 67mm, crosscut faces, 0mm – 10mm opening	Set of 4	100kN	N/A
01/4367	60mm x 67mm, crosscut faces, 10mm – 20mm opening	Set of 4	100kN	N/A



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

Stainless Steel
Temperature range 0 – to +350° C

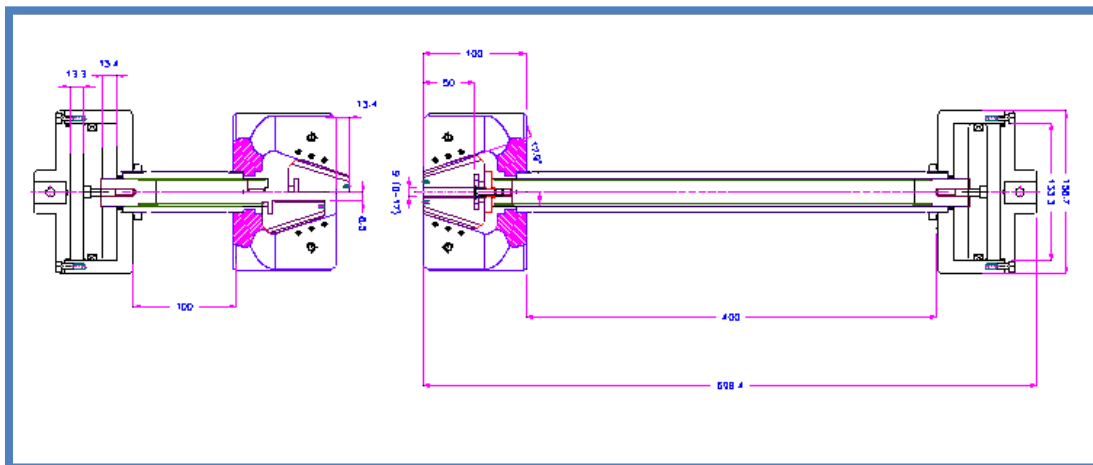
Specialist wedge grip with wide temperature range, suitable for use in a thermal cabinet due to air supply connections are kept away from the body of the grip and outside the chamber. Different length extension rods are available on request and should be specified in mm from the top of the grip body to the load cell connecting point or machine base

Care when ordering is required when using in a thermal cabinet that all dimensions and tolerances are clear and fully understood

Part Number	Description	Quantity	Rating	Fixing
01/4368	Wedge grip, without faces	Pair	20kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4369	50mm x 50mm, crosscut faces, 0mm – 17mm opening	Set of 4	20kN	N/A



Pneumatic Grips

Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls

Stainless Steel
Temperature range 0 – to +350° C

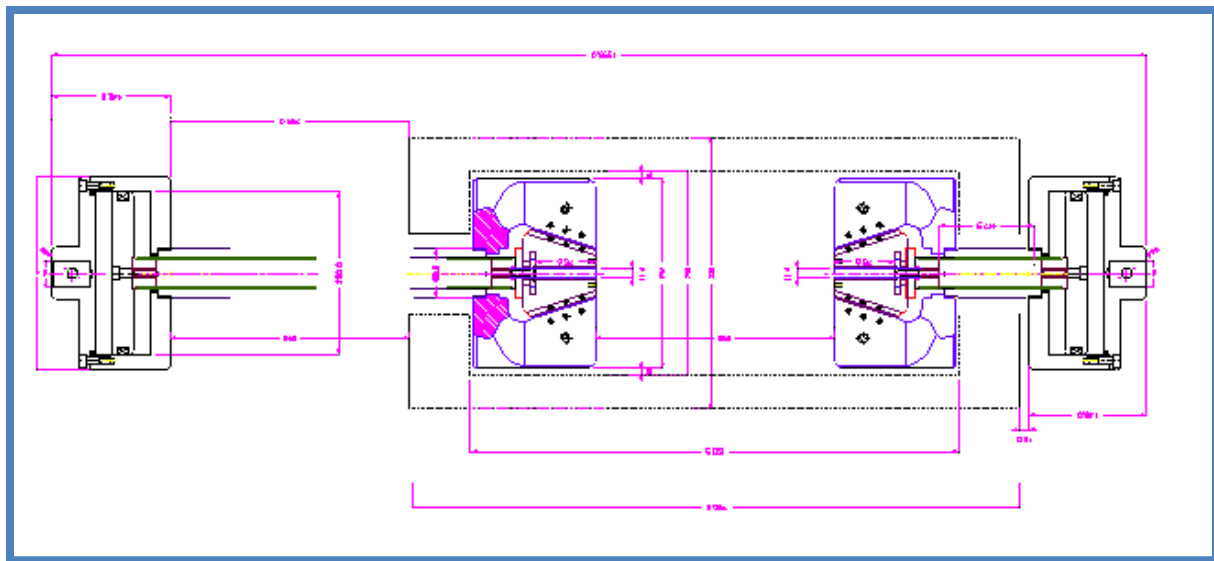
Specialist wedge grip with wide temperature range, suitable for use in a thermal cabinet due to air supply connections are kept away from the body of the grip and outside the chamber. Different length extension rods are available on request and should be specified in mm from the top of the grip body to the load cell connecting point or machine base

Care when ordering is required when using in a thermal cabinet that all dimensions and tolerances are clear and fully understood

Part Number	Description	Quantity	Rating	Fixing
01/4372	Wedge grip, without faces	Pair	100kN	1 1/4 inch

Face options

Part Number	Description	Quantity	Rating	Fixing
01/4373	50mm x 50mm, crosscut faces, 0mm – 17mm opening	Set of 4	100kN	N/A



Pneumatic Grips

Pneumatic operated grips

Thin wire bollard grip, ideally it should be used with an extensometer to calculate true strain in the sample.

The 01/4374 is designed for thin wires and is best used with the diamond faces the sample can be wrapped around the bollard then doubled back on itself for additional gripping. The grip is fitted with carriers which act as a mounting place for the faces which are supplied separately
Manually adjusted from one side pneumatic actuator on the other

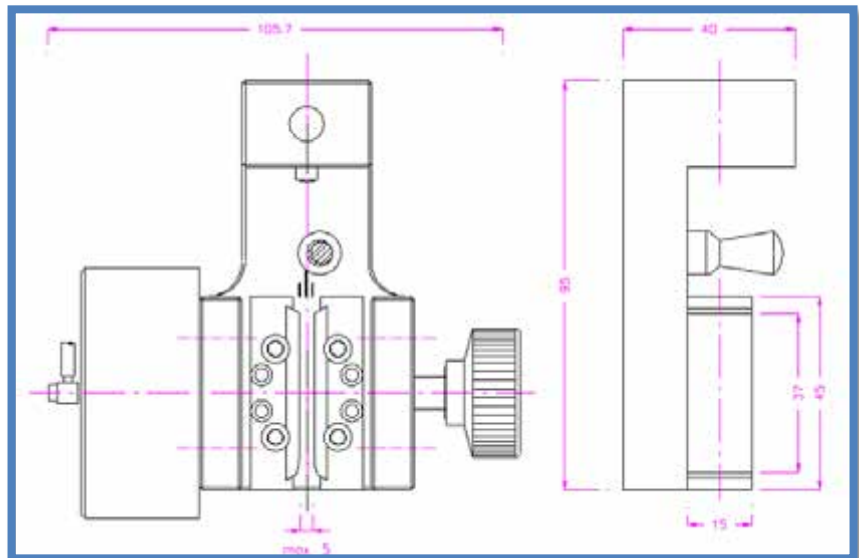
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4374	Wire, Yarn and Thread grip without faces, 0mm – 5mm opening	Pair	550g	2.5kN	5/8 inch

Jaw face options

Part Number	Description	Max Sample Width	Rating
01/4618	15mm x 37mm diamond coated jaws	15mm	2.5kN
01/4619	15mm x 37mm plain jaw faces	15mm	2.5kN



Pneumatic Grips

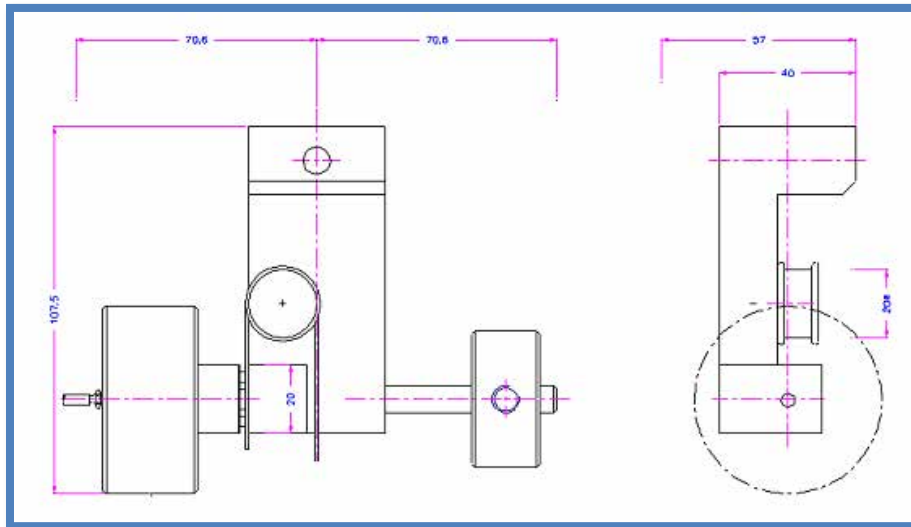
Pneumatic operated grips

A pneumatic grip for use with wire, yarns, threads, small diameter ropes and strapping, fixed face on one side and pneumatic face on the other, faces are rubber

All pneumatic grips are suitable for use with the foot and hand controls
Connection M5 internal thread

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4375	Wire, Yarn and Thread grip with 20mm x 10mm rubber faces, sample width 0 – 2mm Ø and up to 7mm wide, 20mm Ø drum	Pair	670g	1kN	5/8 inch



Pneumatic Grips

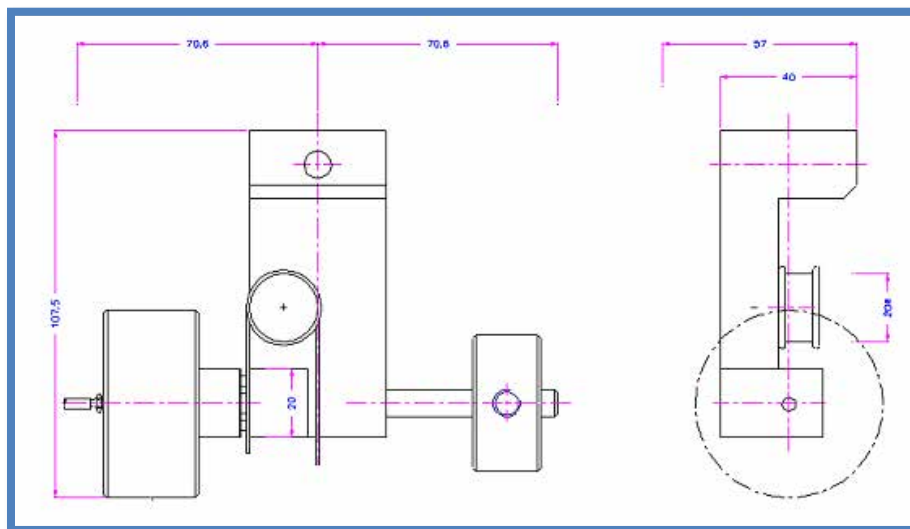
Pneumatic operated grips

A pneumatic grip for use with wire, yarns, threads, small diameter ropes and strapping, fixed face on one side and pneumatic face on the other, faces are diamond coated

All pneumatic grips are suitable for use with the foot and hand controls
Connection M5 internal thread

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4376	Wire, Yarn and Thread grip with 20mm x 10mm diamond faces, sample width 0 – 2mm Ø and up to 7mm wide, 20mm Ø drum	Pair	670g	1kN	5/8 inch



Pneumatic Grips

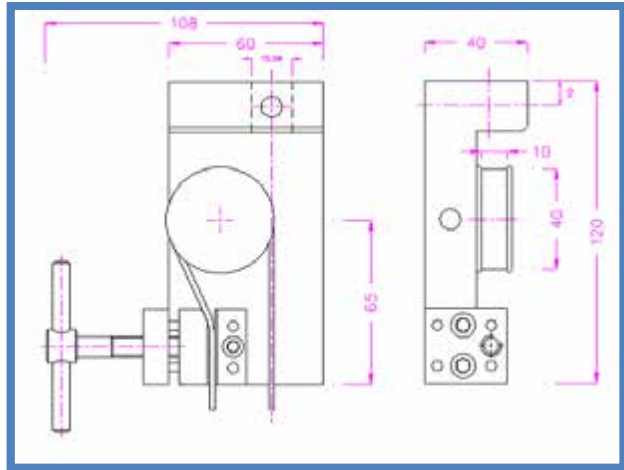
Pneumatic operated grips

A pneumatic grip for use with wire, yarns, threads, small diameter ropes and strapping, fixed face on one side and pneumatic face on the other, faces are rubber coated

All pneumatic grips are suitable for use with the foot and hand controls
Connection M5 internal thread

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4377	Wire, Yarn and Thread grip with 30mm x 12mm crosscut faces, sample width 0 – 2mm Ø and up to 7mm wide, 40mm Ø drum	Pair	1.27kg	5kN	5/8 inch



Pneumatic Grips

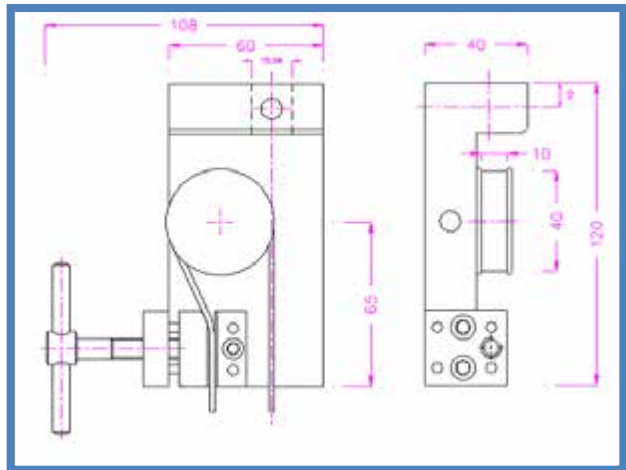
Pneumatic operated grips

A pneumatic grip for use with wire, yarns, threads, small diameter ropes and strapping, fixed face on one side and pneumatic face on the other, faces are diamond coated

All pneumatic grips are suitable for use with the foot and hand controls
Connection M5 internal thread

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4378	Wire, Yarn and Thread grip with 30mm x 12mm diamond faces, sample width 0 – 2mm Ø and up to 7mm wide, 40mm Ø drum	Pair	1.27kg	5kN	5/8 inch



Pneumatic Grips

Pneumatic operated grips

The grip is suitable for fibres, fine wires, cords, filaments yarns and cord

A guide horn with center groove allows for 180° redirection of specimen. The breakage of the specimen in the clamping area is prevented by generating a slow notch free stress relief
M3 micro adaptor pneumatic connection, 200N @ 7 bar

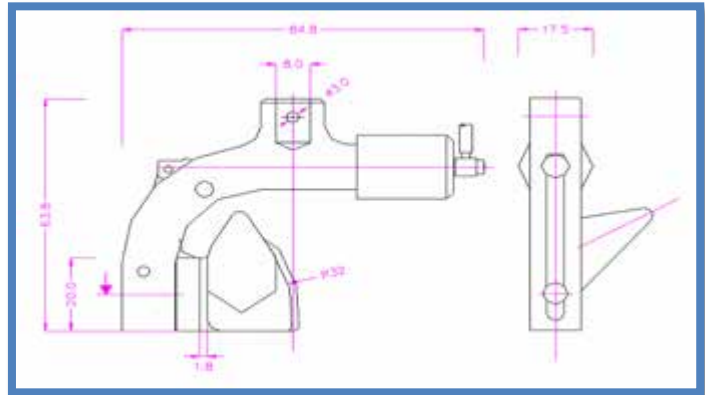
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4379	Wire, Yarn and Thread grip, 6mm x 20mm plain jaw faces, sample diameters 0 – 1mm, minimum specimen length 15cm	Pair	102g	200N	5/8 inch

Jaw face options

Part Number	Description	Quantity	Rating	Fixing
01/4385	6mm x 20mm, Plain jaws	Set of 2	200N	N/A
01/4386	6mm x 20mm, Rubber jaws	Set of 2	200N	N/A
01/4387	6mm x 20mm, Diamond Coated jaws	Set of 2	200N	N/A



Pneumatic Grips

Pneumatic operated grips

The grip is suitable for fibres, fine wires, cords, filaments yarns and cord

A guide horn with center groove allows for 180° redirection of specimen. The breakage of the specimen in the clamping area is prevented by generating a slow notch free stress relief
M3 micro adaptor pneumatic connection, 200N @ 7 bar

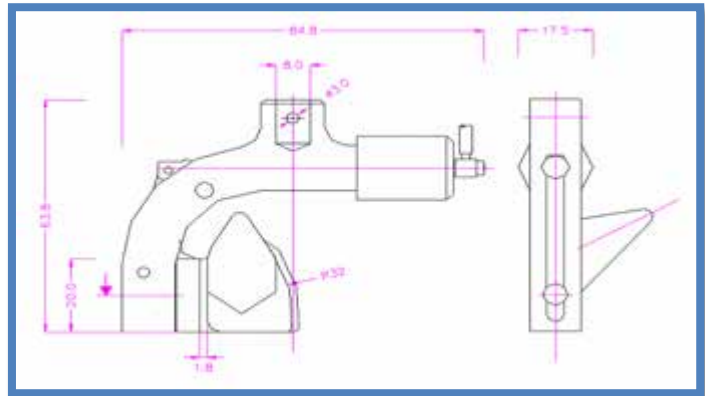
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4380	Wire, Yarn and Thread grip, 6mm x 20mm diamond jaw faces, sample diameters 0 – 1mm, minimum specimen length 15cm	Pair	102g	200N	5/8 inch

Jaw face options

Part Number	Description	Quantity	Rating	Fixing
01/4385	6mm x 20mm, Plain jaws	Set of 2	200N	N/A
01/4386	6mm x 20mm, Rubber jaws	Set of 2	200N	N/A
01/4387	6mm x 20mm, Diamond Coated jaws	Set of 2	200N	N/A



Pneumatic Grips

Pneumatic operated grips

The grip is suitable for fibres, fine wires, cords, filaments yarns and cord

A guide horn with center groove allows for 180° redirection of specimen. The breakage of the specimen in the clamping area is prevented by generating a slow notch free stress relief
M5 internal thread pneumatic connection, 2kN @ 7 bar

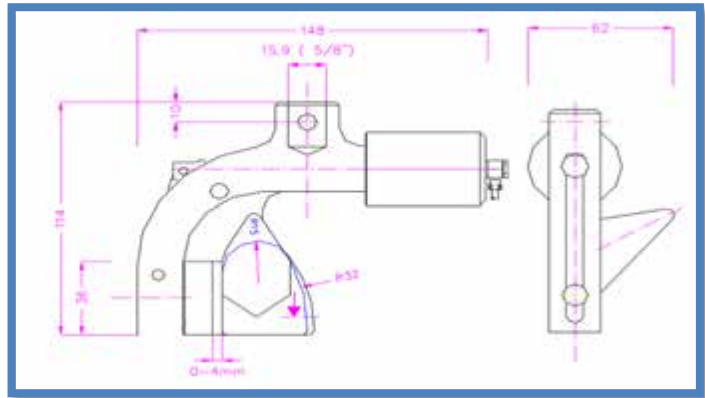
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4381	Wire, Yarn and Thread grip, 12mm x 36mm plain jaw faces, sample diameter 0 – 2mm, minimum sample length 25cm	Pair	590g	2kN	5/8 inch

Jaw face options

Part Number	Description	Quantity	Rating	Fixing
01/4388	12mm x 36mm, Plain jaws	Set of 2	2kN	N/A
01/4389	12mm x 36mm, Rubber jaws	Set of 2	2kN	N/A
01/4390	12mm x 36mm, Diamond Coated jaws	Set of 2	2kN	N/A



Pneumatic Grips

Pneumatic operated grips

The grip is suitable for fibres, fine wires, cords, filaments yarns and cord

A guide horn with center groove allows for 180° redirection of specimen. The breakage of the specimen in the clamping area is prevented by generating a slow notch free stress relief
M5 internal thread pneumatic connection, 5kN @ 7 bar

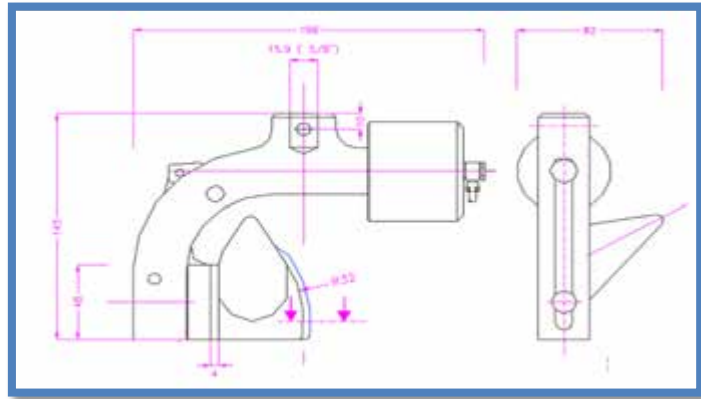
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +80° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4383	Wire, Yarn and Thread grip, 15mm x 44mm plain jaw faces, sample diameter 0 – 3mm, minimum sample length 30cm	Pair	1.25kg	5kN	5/8 inch

Jaw face options

Part Number	Description	Quantity	Rating	Fixing
01/4391	15mm x 44mm, Plain jaws for 01/4383 and 01/4384	Set of 2	5kN	N/A
01/4392	15mm x 44mm, Rubber jaws for 01/4383 and 01/4384	Set of 2	5kN	N/A
01/4393	15mm x 44mm, Diamond Coated jaws for 01/4383 and 01/4384	Set of 2	5kN	N/A



Pneumatic Grips

Pneumatic operated grips

A pneumatic grip for use with ropes, cord and strapping

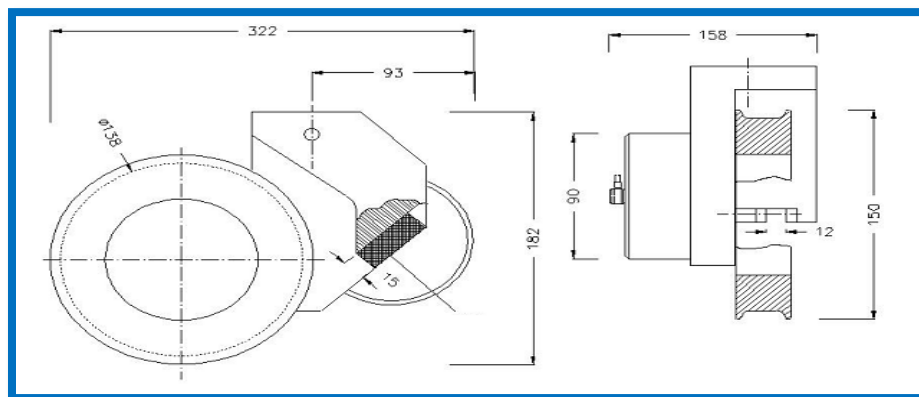
All pneumatic grips are suitable for use with the foot and hand controls

Steel

Temperature range 0 – to +80° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4394	Rope grip, 138mm bollard, samples up to 12mm Ø, crosscut jaws	Pair	7kg	20kN	5/8 inch



Pneumatic Grips

Pneumatic operated grips

A pneumatic grip for use with ropes, cord and strapping

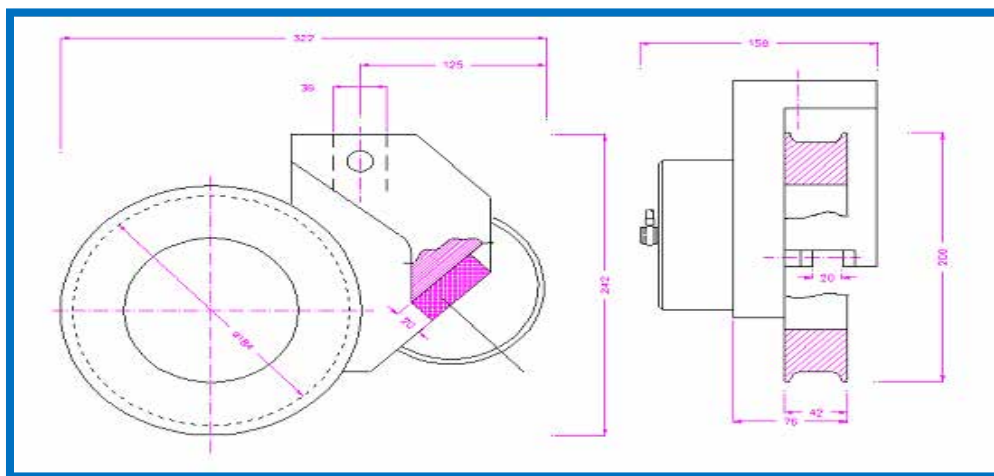
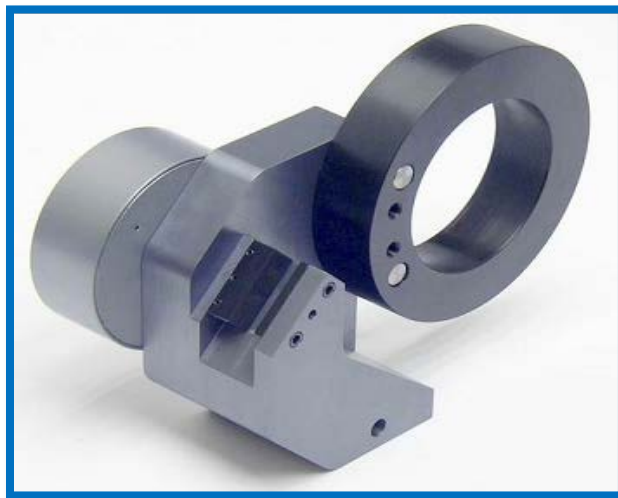
All pneumatic grips are suitable for use with the foot and hand controls

Steel

Temperature range 0 – to +80° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4395	Rope grip, 188mm bollard, samples up to 12mm Ø, crosscut jaws	Pair	11kg	50kN	1 1/4 inch



Pneumatic Grips

Pneumatic operated grips

A small pneumatic vice grip suitable for low force tensile and peeling applications. One side is closed with a thumb screw and the other is pneumatic. 200N @ 7 bar, M3 micro pneumatic connector, 8mm female eye end requires 01/4220 for use with 5/8 inch eye ends

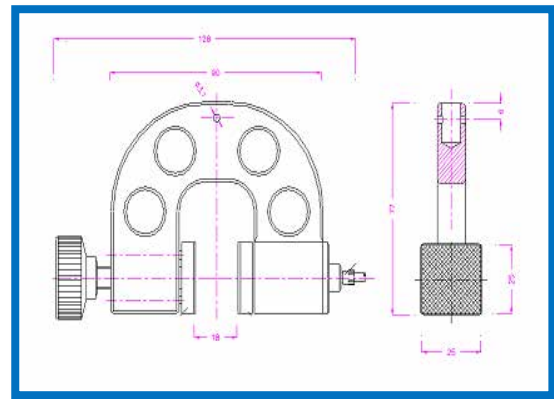
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4398	Pneumatic vice grip, without faces, single actuator	Pair	214g	200N	5/8 inch

Face options

Part Number	Description	Weight	Quantity	Rating
01/4399	25mm x 25mm, plain jaw faces, 0-20mm opening	53g	Set of 4	200N
01/4400	25mm x 25mm, rubber jaw faces, 0-18mm opening	56g	Set of 4	200N
01/4401	25mm x 25mm, crosscut jaw faces, 0-20mm opening	49g	Set of 4	200N
01/4402	25mm x 25mm, diamond jaw faces, 0-20mm opening	54g	Set of 4	200N
01/4403	25mm x 50mm, plain jaw faces, 0-20mm opening	111g	Set of 4	200N
01/4404	25mm x 50mm, rubber jaw faces, 0-18mm opening	114g	Set of 4	200N
01/4405	25mm x 50mm, crosscut jaw faces, 0-20mm opening	104g	Set of 4	200N
01/4406	25mm x 50mm, wave jaw faces, 0-18mm opening	128g	Set of 4	200N
01/4407	25mm x 50mm, diamond jaw faces, 0-20mm opening	112g	Set of 4	200N
01/4220	8mm male to 5/8 inch female adaptor			



Pneumatic Grips

Pneumatic operated grips

A small pneumatic vice grip suitable for low force tensile and peeling applications. One side is closed with a thumb screw and the other is pneumatic. 1kN @ 7 bar, M5 pneumatic connector,

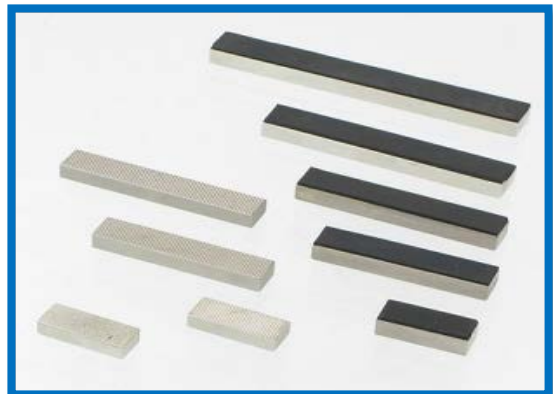
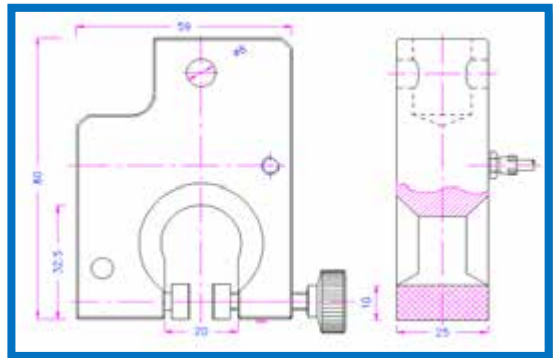
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4408	Pneumatic vice grip, without faces, single actuator	Pair	260g	1kN	5/8 inch

Face options

Part Number	Description	Weight	Quantity
01/4409	10mm x 25mm, plain jaw faces, 0-10mm opening	18g	Set of 4
01/4410	10mm x 25mm, rubber jaw faces, 0-8mm opening	19g	Set of 4
01/4411	10mm x 25mm, crosscut jaw faces, 0-10mm opening	17g	Set of 4
01/4412	10mm x 25mm, diamond jaw faces, 0-10mm opening	18g	Set of 4
01/4413	10mm x 50mm, plain jaw faces, 0-8mm opening	46g	Set of 4
01/4414	10mm x 50mm, rubber jaw faces, 0-6mm opening	48g	Set of 4
01/4415	10mm x 50mm, crosscut jaw faces, 0-8mm opening	43g	Set of 4
01/4416	10mm x 50mm, diamond jaw faces, 0-8mm opening	46g	Set of 4
01/4417	10mm x 100mm, plain jaw faces, 0-8mm opening	92g	Set of 4
01/4418	10mm x 100mm, rubber jaw faces, 0-6mm opening	95g	Set of 4
01/4419	10mm x 100mm, crosscut jaw faces, 0-8mm opening	86g	Set of 4
01/4420	10mm x 100mm, diamond jaw faces, 0-8mm opening	92g	Set of 4



Pneumatic Grips

Pneumatic operated grips

A small pneumatic vice grip suitable for low force tensile and peeling applications. One side is closed with a thumb screw and the other is pneumatic. 1kN @ 7 bar, M5 pneumatic connector

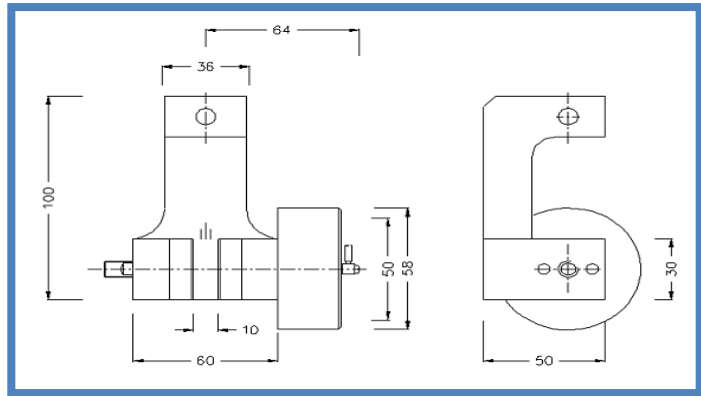
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4421	Pneumatic vice grip, without faces, single actuator	Pair	530g	1kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4292	30mm x 30mm, plain jaw faces	0-10mm	Set of 4	1kN	130g
01/4293	30mm x 30mm, rubber jaw faces	0-8mm	Set of 4	1kN	130g
01/4294	30mm x 30mm, crosscut jaw faces	0-10mm	Set of 4	1kN	120g
01/4295	30mm x 30mm, V-notch jaw faces	∅ 2-10mm	Set of 4	1kN	130g
01/4296	30mm x 30mm, V-notch jaw faces	∅ 3-10mm	Set of 4	1kN	130g
01/4297	30mm x 30mm, wave jaw faces	0-10mm	Set of 4	1kN	120g
01/4298	30mm x 30mm, diamond jaw faces	0-10mm	Set of 4	1kN	130g
01/4299	Carrier quick fit backing to enable quick jaw face changes		Set of 4	1kN	120g
01/4300	30mm x 36mm, plain faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4301	30mm x 36mm, rubber faces for use with 01/4299	0-2mm	Set of 4	1kN	60g
01/4302	30mm x 36mm, crosscut faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4303	30mm x 36mm, diamond faces for use with 01/4299	0-4mm	Set of 4	1kN	60g



Pneumatic Grips

Pneumatic operated grips

A small pneumatic vice grip suitable for low force tensile and peeling applications. Both sides of the grip are pneumatic. 1kN @ 7 bar, M5 pneumatic connector

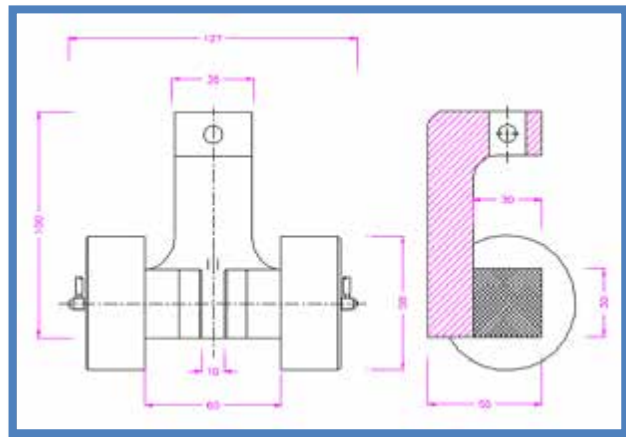
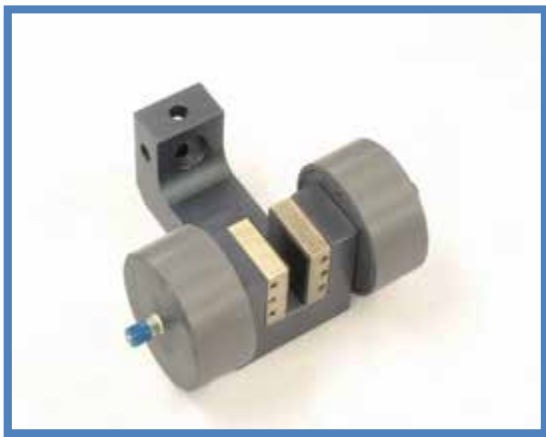
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4422	Pneumatic vice grip, without faces, dual actuator	Pair	710g	1kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4292	30mm x 30mm, plain jaw faces	0-10mm	Set of 4	1kN	130g
01/4293	30mm x 30mm, rubber jaw faces	0-8mm	Set of 4	1kN	130g
01/4294	30mm x 30mm, crosscut jaw faces	0-10mm	Set of 4	1kN	120g
01/4295	30mm x 30mm, V-notch jaw faces	Ø 2-10mm	Set of 4	1kN	130g
01/4296	30mm x 30mm, V-notch jaw faces	Ø 3-10mm	Set of 4	1kN	130g
01/4297	30mm x 30mm, wave jaw faces	0-10mm	Set of 4	1kN	120g
01/4298	30mm x 30mm, diamond jaw faces	0-10mm	Set of 4	1kN	130g
01/4299	Carrier quick fit backing to enable quick jaw face changes		Set of 4	1kN	120g
01/4300	30mm x 36mm, plain faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4301	30mm x 36mm, rubber faces for use with 01/4299	0-2mm	Set of 4	1kN	60g
01/4302	30mm x 36mm, crosscut faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4303	30mm x 36mm, diamond faces for use with 01/4299	0-4mm	Set of 4	1kN	60g



Pneumatic Grips

Pneumatic operated grips

A Pneumatic grip ideal for general purpose tensile testing up to 5kN, the grip has a manual adjust on one side and a pneumatic actuator on the other side, useful for shear testing where the sample requires an offset
Pneumatic pressure 2.6kN @ 7 bar, M5 pneumatic connector

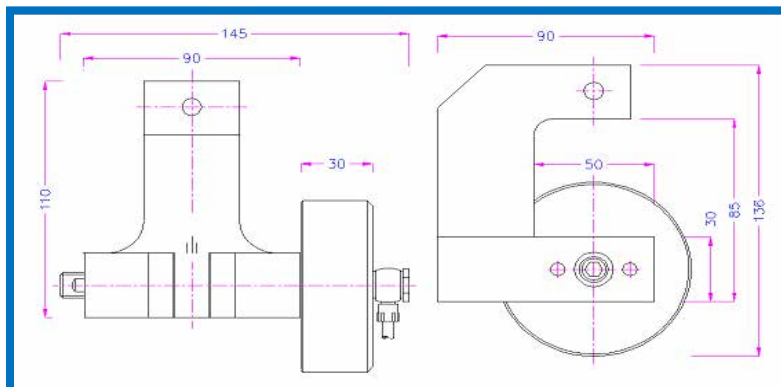
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4435	Pneumatic vice grip, without faces, single actuator	Pair	1.34Kg	5kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4306	30mm x 50mm, plain jaw faces	0-15mm	Set of 4	5kN	220g
01/4307	30mm x 50mm, rubber jaw faces	0-13mm	Set of 4	5kN	220g
01/4308	30mm x 50mm, crosscut jaw faces	0-15mm	Set of 4	5kN	210g
01/4309	30mm x 50mm, V-notch jaw faces	Ø 2-15mm	Set of 4	5kN	220g
01/4310	30mm x 50mm, V-notch jaw faces	Ø 5-11mm	Set of 4	5kN	260g
01/4311	30mm x 50mm, wave jaw faces	0-15mm	Set of 4	5kN	200g
01/4312	30mm x 50mm, diamond jaw faces	0-15mm	Set of 4	5kN	220g
01/4313	Carrier quick fit backing to enable quick jaw face changes		Set of 4	5kN	180g
01/4314	30mm x 50mm, plain faces for use with 01/4313	0-5mm	Set of 4	5kN	140g
01/4315	30mm x 50mm, rubber faces for use with 01/4313	0-3mm	Set of 4	5kN	140g
01/4316	30mm x 50mm, crosscut faces for use with 01/4313	0-5mm	Set of 4	5kN	130g
01/4317	30mm x 50mm, diamond faces for use with 01/4313	0-5mm	Set of 4	5kN	140g



Pneumatic Grips

Pneumatic operated grips

A Pneumatic grip ideal for general purpose tensile testing up to 5KN, the grip has dual pneumatic actuators
Pneumatic pressure 2.6KN @ 7 bar, M5 pneumatic connector

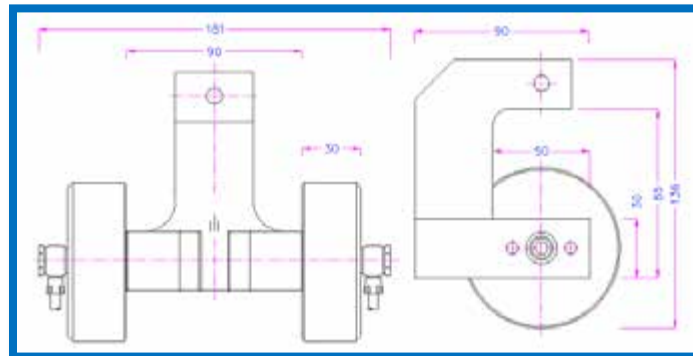
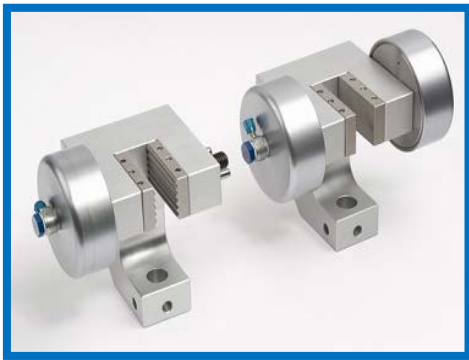
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4436	Pneumatic vice grip, without faces, dual actuator	Pair	1.71Kg	5kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4306	30mm x 50mm, plain jaw faces	0-15mm	Set of 4	5kN	220g
01/4307	30mm x 50mm, rubber jaw faces	0-13mm	Set of 4	5kN	220g
01/4308	30mm x 50mm, crosscut jaw faces	0-15mm	Set of 4	5kN	210g
01/4309	30mm x 50mm, V-notch jaw faces	Ø 2-15mm	Set of 4	5kN	220g
01/4310	30mm x 50mm, V-notch jaw faces	Ø 5-11mm	Set of 4	5kN	260g
01/4311	30mm x 50mm, wave jaw faces	0-15mm	Set of 4	5kN	200g
01/4312	30mm x 50mm, diamond jaw faces	0-15mm	Set of 4	5kN	220g
01/4313	Carrier quick fit backing to enable quick jaw face changes		Set of 4	5kN	180g
01/4314	30mm x 50mm, plain faces for use with 01/4313	0-5mm	Set of 4	5kN	140g
01/4315	30mm x 50mm, rubber faces for use with 01/4313	0-3mm	Set of 4	5kN	140g
01/4316	30mm x 50mm, crosscut faces for use with 01/4313	0-5mm	Set of 4	5kN	130g
01/4317	30mm x 50mm, diamond faces for use with 01/4313	0-5mm	Set of 4	5kN	140g



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

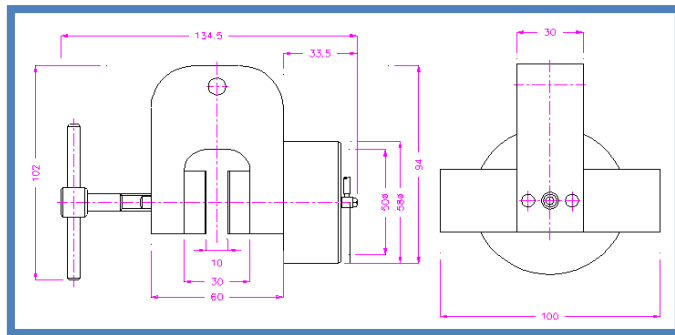
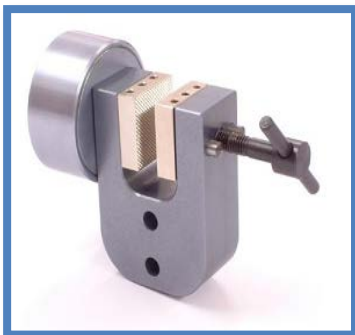
Temperature range 0 – to +70° C

(Other temperatures on request)

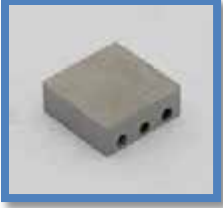
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4449	Pneumatic vice grip, without faces, single actuator, 0-10mm opening (0-8mm with rubber faces)	Pair	290g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



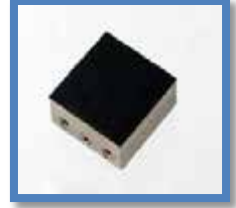
Diamond Faces
Synthetic diamond coated



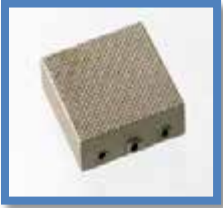
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



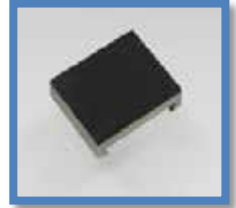
Carrier
Fitted with plain jaw



Carrier



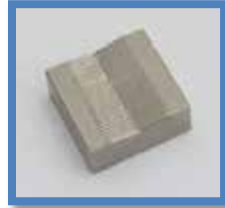
Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

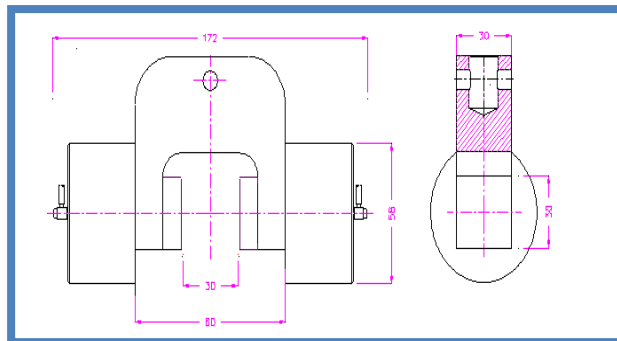
Temperature range 0 – to +70° C

(Other temperatures on request)

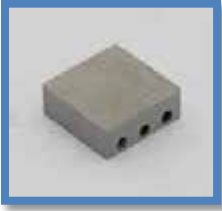
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4450	Pneumatic vice grip, without faces, dual actuator, 0-10mm opening (0-8mm with rubber)	Pair	290g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



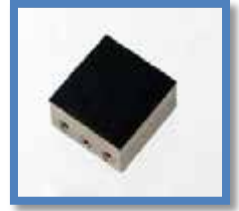
Diamond Faces
Synthetic diamond coated



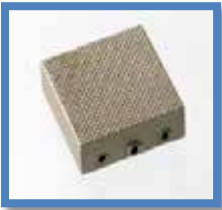
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



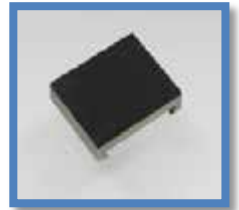
Carrier
Fitted with plain jaw



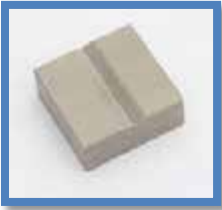
Carrier



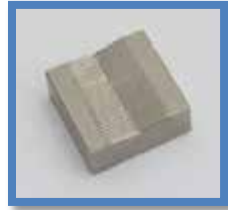
Rubber Faces
1mm NBR rubber



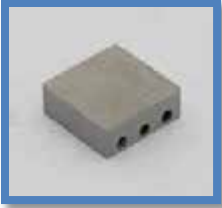
V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Plain Faces –steel
Suitable for own treatment



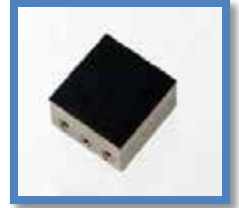
Diamond Faces
Synthetic diamond coated



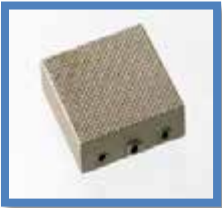
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



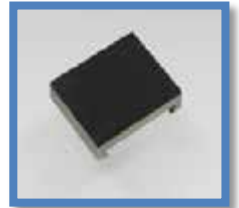
Carrier
Fitted with plain jaw



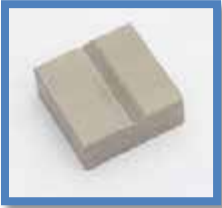
Carrier



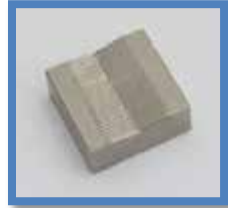
Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

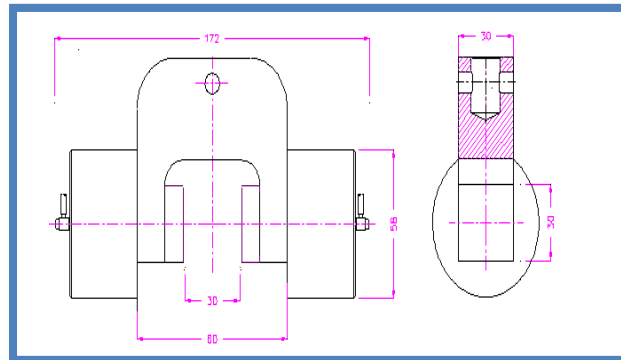
Temperature range 0 – to +70° C

(Other temperatures on request)

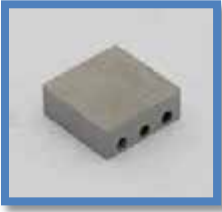
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4452	Pneumatic vice grip, without faces, dual actuator, 0-20mm opening	Pair	330g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



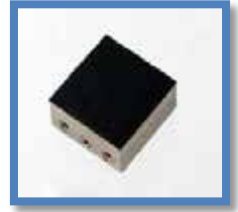
Diamond Faces
Synthetic diamond coated



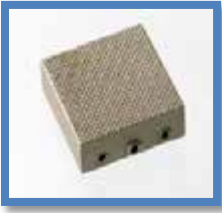
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



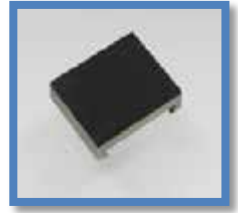
Carrier
Fitted with plain jaw



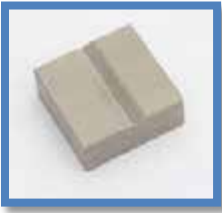
Carrier



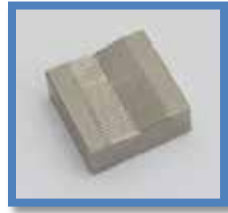
Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

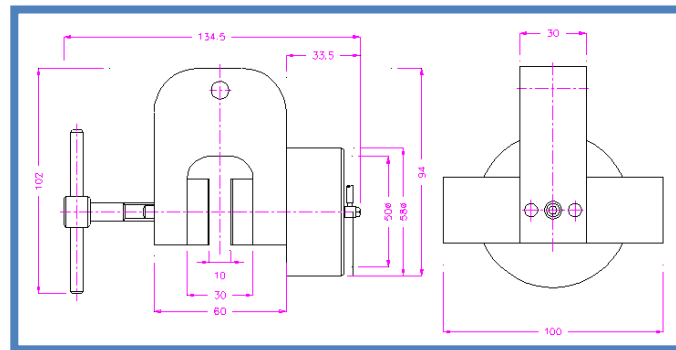
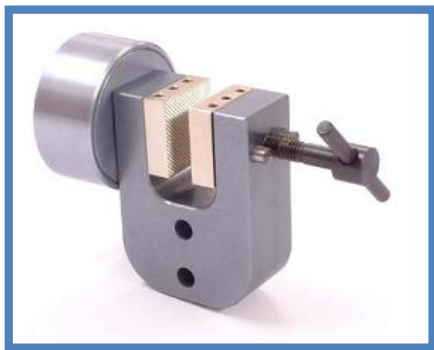
Temperature range 0 – to +70° C

(Other temperatures on request)

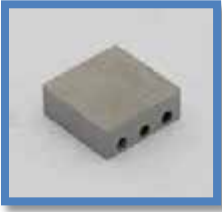
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4453	Pneumatic vice grip, without faces, single actuator, 0-30mm opening	Pair	320g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



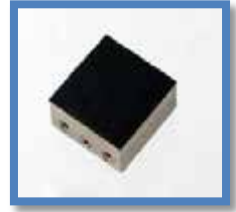
Diamond Faces
Synthetic diamond coated



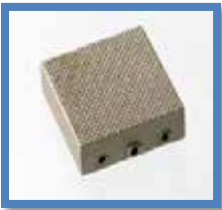
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



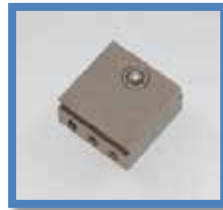
Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



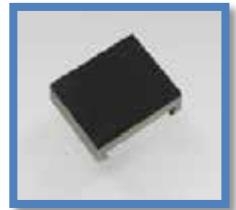
Carrier
Fitted with plain jaw



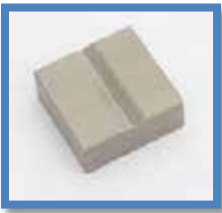
Carrier



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

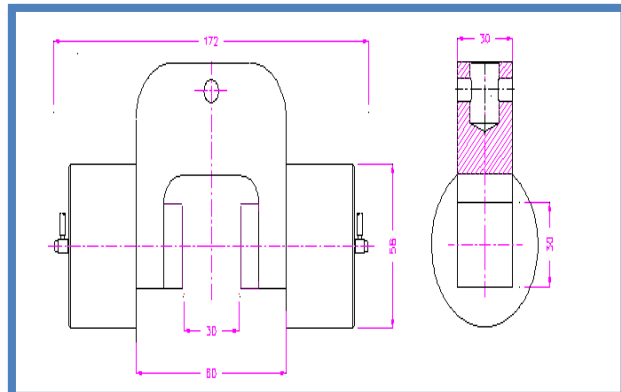
Temperature range 0 – to +70° C

(Other temperatures on request)

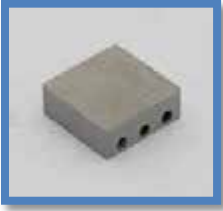
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4454	Pneumatic vice grip, without faces, dual actuator, 0-30mm opening	Pair	320g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



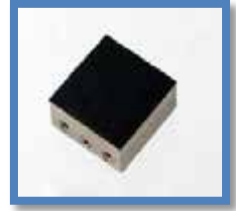
Diamond Faces
Synthetic diamond coated



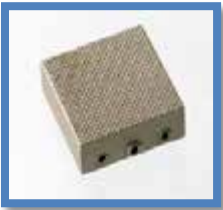
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



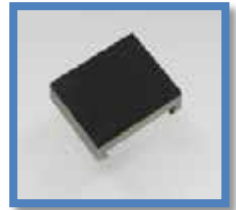
Carrier
Fitted with plain jaw



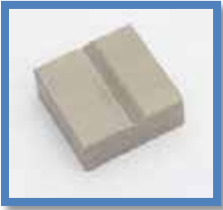
Carrier



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

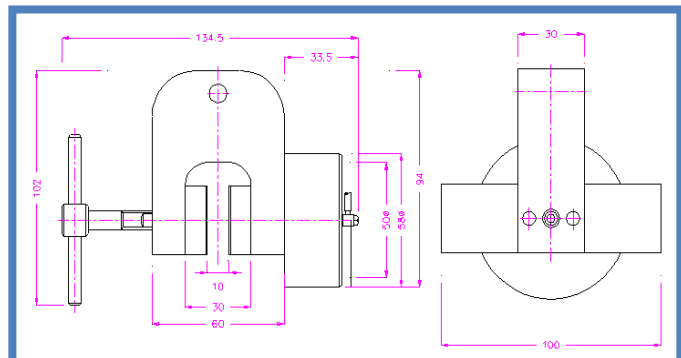
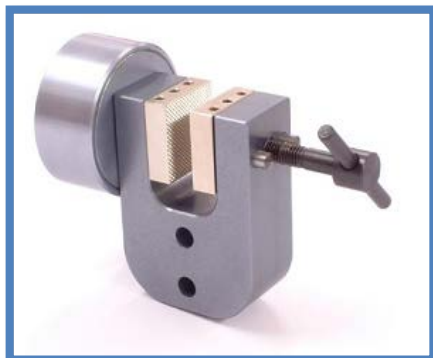
Temperature range 0 – to +70° C

(Other temperatures on request)

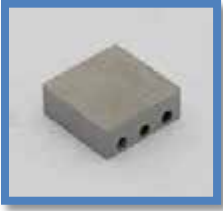
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4455	Pneumatic vice grip, without faces, single actuator, 0-50mm opening	Pair	570g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



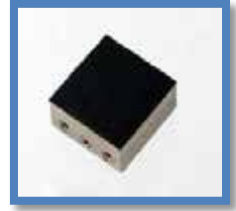
Diamond Faces
Synthetic diamond coated



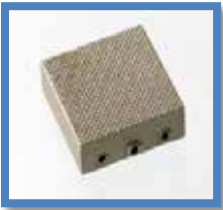
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



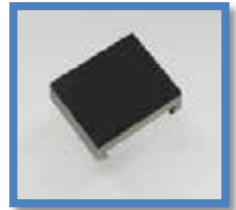
Carrier
Fitted with plain jaw



Carrier



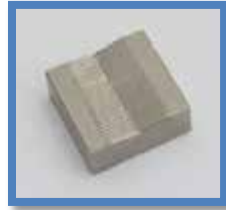
Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

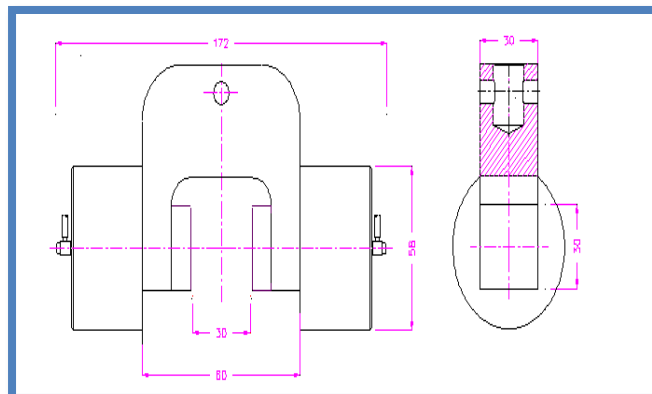
Temperature range 0 – to +70° C

(Other temperatures on request)

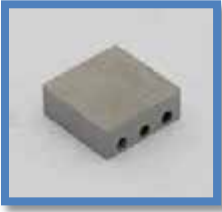
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4456	Pneumatic vice grip, without faces, dual actuator, 0-50mm opening	Pair	570g	1kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



Plain Faces –steel
Suitable for own treatment



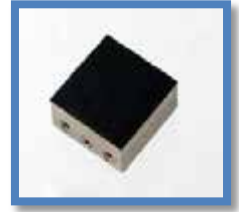
Diamond Faces
Synthetic diamond coated



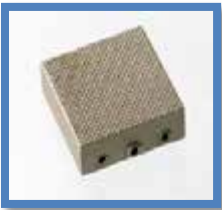
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



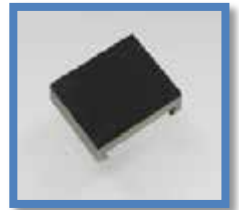
Carrier
Fitted with plain jaw



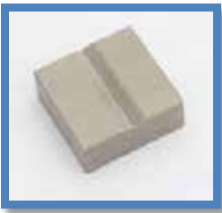
Carrier



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

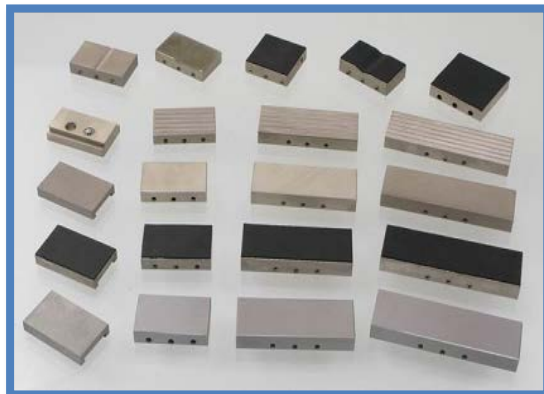
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4484	Pneumatic vice grip, without faces, single actuator, 0-30mm opening (dependant on face option)	Pair	1.3Kg	1.3kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight	Opening
01/4269	30mm x 50mm plain jaw faces	Set of 4	5kN	220g	0-30mm
01/4270	30mm x 50mm rubber jaw faces	Set of 4	5kN	220g	0-28mm
01/4271	30mm x 50mm crosscut jaw faces	Set of 4	5kN	210g	0-30mm
01/4272	30mm x 50mm wave jaw faces	Set of 4	5kN	200g	0-30mm
01/4273	30mm x 50mm V-notch jaw faces	Set of 4	5kN	220g	Ø 2-50mm
01/4274	30mm x 50mm V-notch jaw faces	Set of 4	5kN	250g	Ø 5-50mm
01/4275	30mm x 50mm diamond jaw faces	Set of 4	5kN	220g	0-30mm
01/4276	30mm x 80mm plain jaw faces	Set of 4	5kN	430g	0-26mm
01/4277	30mm x 80mm rubber jaw faces	Set of 4	5kN	440g	0-24mm
01/4278	30mm x 80mm crosscut jaw faces	Set of 4	5kN	420g	0-26mm
01/4279	30mm x 80mm wave jaw faces	Set of 4	5kN	390g	0-26mm
01/4280	30mm x 80mm diamond jaw faces	Set of 4	5kN	430g	0-26mm
01/4281	30mm x 100mm plain jaw faces	Set of 4	5kN	540g	0-26mm
01/4282	30mm x 100mm rubber jaw faces	Set of 4	5kN	550g	0-24mm
01/4283	30mm x 100mm crosscut jaw faces	Set of 4	5kN	530g	0-26mm
01/4284	30mm x 100mm wave jaw faces	Set of 4	5kN	510g	0-26mm
01/4285	30mm x 100mm diamond jaw faces	Set of 4	5kN	540g	0-26mm
01/4286	Carrier quick fit backing to enable quick jaw face changes	Set of 4	5kN	180g	
01/4287	30mm x 50mm plain jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm
01/4288	30mm x 50mm rubber jaw faces for use with 01/4286	Set of 4	5kN	140g	0-18mm
01/4289	30mm x 50mm crosscut jaw faces for use with 01/4286	Set of 4	5kN	130g	0-20mm
01/4290	30mm x 50mm diamond jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

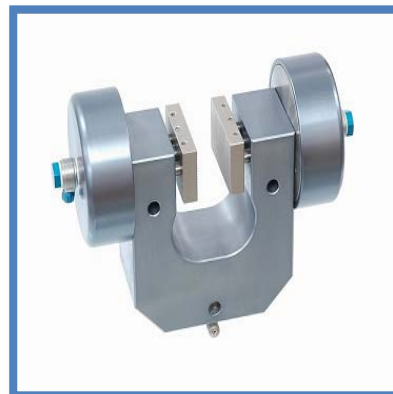
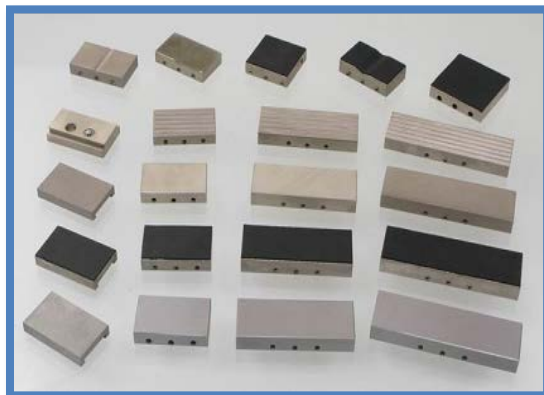
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4485	Pneumatic vice grip, without faces, dual actuator, 0-30mm opening (dependant on face option)	Pair	1.3Kg	1.3kN	5/8 inch

Face options

Part Number	Description	Quantity	Rating	Weight	Opening
01/4269	30mm x 50mm plain jaw faces	Set of 4	5kN	220g	0-30mm
01/4270	30mm x 50mm rubber jaw faces	Set of 4	5kN	220g	0-28mm
01/4271	30mm x 50mm crosscut jaw faces	Set of 4	5kN	210g	0-30mm
01/4272	30mm x 50mm wave jaw faces	Set of 4	5kN	200g	0-30mm
01/4273	30mm x 50mm V-notch jaw faces	Set of 4	5kN	220g	Ø 2-50mm
01/4274	30mm x 50mm V-notch jaw faces	Set of 4	5kN	250g	Ø 5-50mm
01/4275	30mm x 50mm diamond jaw faces	Set of 4	5kN	220g	0-30mm
01/4276	30mm x 80mm plain jaw faces	Set of 4	5kN	430g	0-26mm
01/4277	30mm x 80mm rubber jaw faces	Set of 4	5kN	440g	0-24mm
01/4278	30mm x 80mm crosscut jaw faces	Set of 4	5kN	420g	0-26mm
01/4279	30mm x 80mm wave jaw faces	Set of 4	5kN	390g	0-26mm
01/4280	30mm x 80mm diamond jaw faces	Set of 4	5kN	430g	0-26mm
01/4281	30mm x 100mm plain jaw faces	Set of 4	5kN	540g	0-26mm
01/4282	30mm x 100mm rubber jaw faces	Set of 4	5kN	550g	0-24mm
01/4283	30mm x 100mm crosscut jaw faces	Set of 4	5kN	530g	0-26mm
01/4284	30mm x 100mm wave jaw faces	Set of 4	5kN	510g	0-26mm
01/4285	30mm x 100mm diamond jaw faces	Set of 4	5kN	540g	0-26mm
01/4286	Carrier quick fit backing to enable quick jaw face changes	Set of 4	5kN	180g	
01/4287	30mm x 50mm plain jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm
01/4288	30mm x 50mm rubber jaw faces for use with 01/4286	Set of 4	5kN	140g	0-18mm
01/4289	30mm x 50mm crosscut jaw faces for use with 01/4286	Set of 4	5kN	130g	0-20mm
01/4290	30mm x 50mm diamond jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

2.4kN @ 7 bar, 1/8" pneumatic coupling internal thread, may be fitted with sample alignment device

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

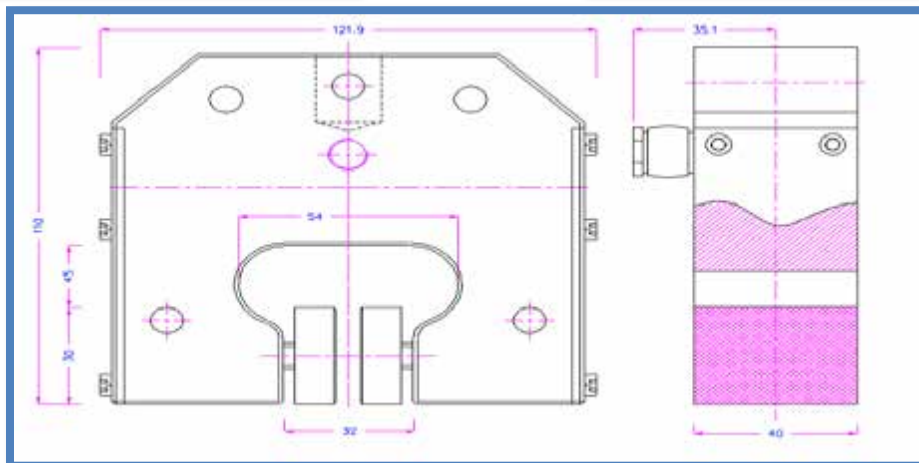
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4508	Pneumatic vice grip, without faces, internal actuator	Pair	1.21Kg	2.4kN	5/8 inch

Face options

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4509	30mm x 50mm plain jaw faces, 0-7mm opening	Set of 4	220g	N/A	N/A
01/4510	30mm x 50mm rubber jaw faces, 0-5mm opening	Set of 4	220g	N/A	N/A
01/4511	30mm x 50mm crosscut jaw faces, 0-7mm opening	Set of 4	220g	N/A	N/A
01/4512	30mm x 50mm V-notch jaw faces, 4-7mm opening	Set of 4	180g	N/A	N/A
01/4513	30mm x 50mm wave jaw faces, 0-7mm opening	Set of 4	200g	N/A	N/A
01/4514	30mm x 50mm diamond jaw faces, 0-7mm opening	Set of 4	220g	N/A	N/A



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

3.5kN @ 7 bar, 1/8" pneumatic connection

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

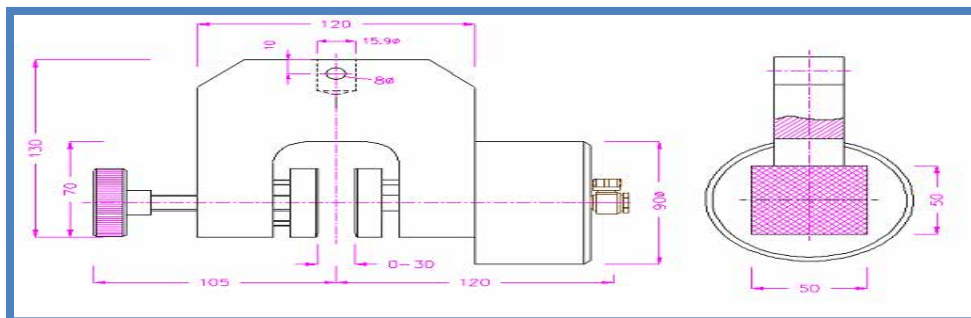
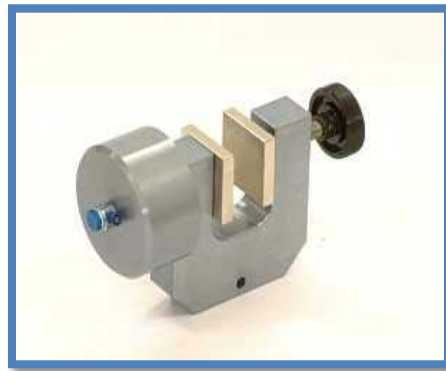
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4515	Pneumatic vice grip, without faces, single actuator, 0-30mm opening	Pair	2Kg	3.5kN	5/8 inch

Face options

Part Number	Description	Quantity	Weight	Rating	Fixing																																									
01/4517	50mm x 50mm, plain jaw faces,	Set of 4		N/A	N/A																																									
01/4518	50mm x 50mm, rubber jaw faces	Set of 4		N/A	N/A																																									
01/4519	50mm x 50mm, crosscut jaw faces	Set of 4		N/A	N/A																																									
01/4520	50mm x 50mm, V notch jaw faces, 4-8mm Ø	Set of 4		N/A	N/A																																									
01/4521	50mm x 50mm, V notch jaw faces, 8-16mm Ø	Set of 4		N/A </tr <tr> <td>01/4522</td> <td>50mm x 50mm, wave jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4523</td> <td>50mm x 50mm, diamond jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4524</td> <td>50mm x 100mm, plain jaw faces,</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4525</td> <td>50mm x 100mm, rubber jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4526</td> <td>50mm x 100mm, crosscut jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4527</td> <td>50mm x 100mm, wave jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>01/4528</td> <td>50mm x 100mm, diamond jaw faces</td> <td>Set of 4</td> <td></td> <td>N/A</td> <td>N/A</td> </tr>	01/4522	50mm x 50mm, wave jaw faces	Set of 4		N/A	N/A	01/4523	50mm x 50mm, diamond jaw faces	Set of 4		N/A	N/A	01/4524	50mm x 100mm, plain jaw faces,	Set of 4		N/A	N/A	01/4525	50mm x 100mm, rubber jaw faces	Set of 4		N/A	N/A	01/4526	50mm x 100mm, crosscut jaw faces	Set of 4		N/A	N/A	01/4527	50mm x 100mm, wave jaw faces	Set of 4		N/A	N/A	01/4528	50mm x 100mm, diamond jaw faces	Set of 4		N/A	N/A
01/4522	50mm x 50mm, wave jaw faces	Set of 4		N/A	N/A																																									
01/4523	50mm x 50mm, diamond jaw faces	Set of 4		N/A	N/A																																									
01/4524	50mm x 100mm, plain jaw faces,	Set of 4		N/A	N/A																																									
01/4525	50mm x 100mm, rubber jaw faces	Set of 4		N/A	N/A																																									
01/4526	50mm x 100mm, crosscut jaw faces	Set of 4		N/A	N/A																																									
01/4527	50mm x 100mm, wave jaw faces	Set of 4		N/A	N/A																																									
01/4528	50mm x 100mm, diamond jaw faces	Set of 4		N/A	N/A																																									



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip with manual tightening action on one side and pneumatic actuator on the other, grips are single action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

3.5kN @ 7 bar, 1/8" pneumatic connection

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

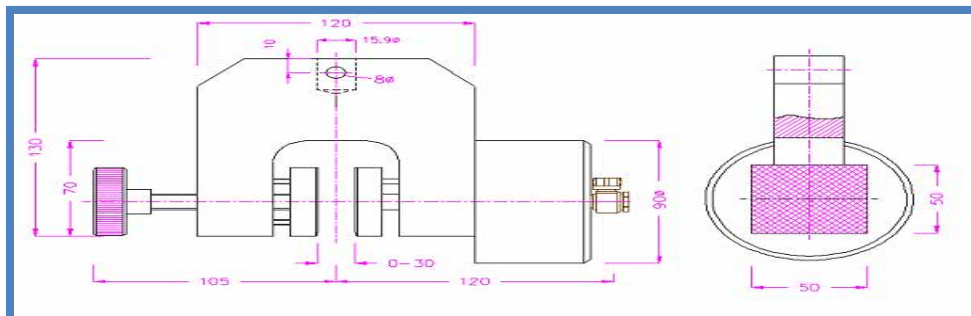
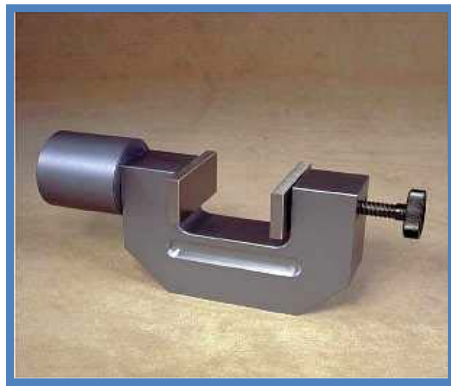
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4516	Pneumatic vice grip, without faces, single actuator, 0-60mm opening	Pair	2Kg	3.5kN	5/8 inch

Face options

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4517	50mm x 50mm, plain jaw faces,	Set of 4		N/A	N/A
01/4518	50mm x 50mm, rubber jaw faces	Set of 4		N/A	N/A
01/4519	50mm x 50mm, crosscut jaw faces	Set of 4		N/A	N/A
01/4520	50mm x 50mm, V notch jaw faces, 4-8mm Ø	Set of 4		N/A	N/A
01/4521	50mm x 50mm, V notch jaw faces, 8-16mm Ø	Set of 4		N/A	N/A
01/4522	50mm x 50mm, wave jaw faces	Set of 4		N/A	N/A
01/4523	50mm x 50mm, diamond jaw faces	Set of 4		N/A	N/A
01/4524	50mm x 100mm, plain jaw faces,	Set of 4		N/A	N/A
01/4525	50mm x 100mm, rubber jaw faces	Set of 4		N/A	N/A
01/4526	50mm x 100mm, crosscut jaw faces	Set of 4		N/A	N/A
01/4527	50mm x 100mm, wave jaw faces	Set of 4		N/A	N/A
01/4528	50mm x 100mm, diamond jaw faces	Set of 4		N/A	N/A



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

All pneumatic grips are suitable for use with the foot and hand controls

3.5kN @ 7 bar

Aluminium Anodised

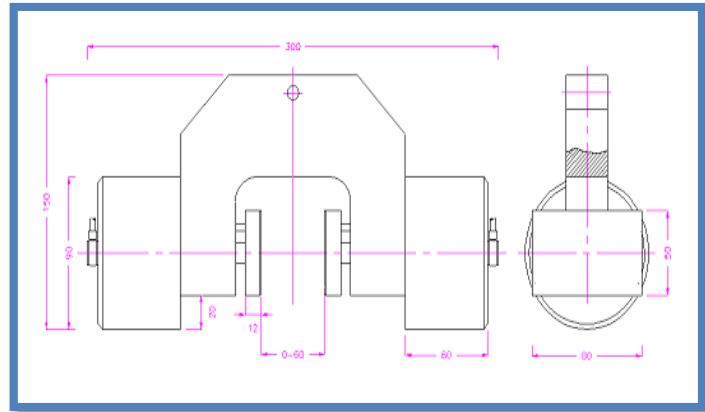
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4529	Pneumatic vice grip, without faces, dual actuator, 0-60mm opening	Pair	2Kg	3.5kN	5/8 inch

Face options

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4530	50mm x 50mm, plain jaw faces,	Set of 4		N/A	N/A
01/4531	50mm x 50mm, rubber jaw faces	Set of 4		N/A	N/A
01/4532	50mm x 50mm, crosscut jaw faces	Set of 4		N/A	N/A
01/4533	50mm x 50mm, V notch jaw faces, 4-8mm Ø	Set of 4		N/A	N/A
01/4534	50mm x 50mm, V notch jaw faces, 8-16mm Ø	Set of 4		N/A	N/A
01/4535	50mm x 50mm, wave jaw faces	Set of 4		N/A	N/A
01/4536	50mm x 50mm, diamond jaw faces	Set of 4		N/A	N/A
01/4537	50mm x 100mm, plain jaw faces,	Set of 4		N/A	N/A
01/4538	50mm x 100mm, rubber jaw faces	Set of 4		N/A	N/A
01/4539	50mm x 100mm, crosscut jaw faces	Set of 4		N/A	N/A
01/4540	50mm x 100mm, wave jaw faces	Set of 4		N/A	N/A
01/4541	50mm x 100mm, diamond jaw faces	Set of 4		N/A	N/A
01/4542	25mm x 25mm front face, 25mm x 50mm back face	Set of 4		N/A	N/A
01/4543	Carrier quick fit backing to enable quick jaw face changes	Set of 2		N/A	N/A
01/4544	50mm x 50mm, rubber faces for 01/4543	Set of 4		N/A	N/A



Pneumatic Grips

Pneumatic operated grips

A pneumatic vice grip suitable for low force tensile and peeling applications, one side is closed with a thumb screw and the other is pneumatic. 7kN @ 7 bar, 1/8" pneumatic connector

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

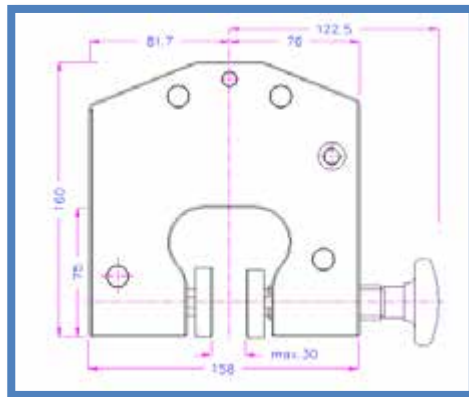
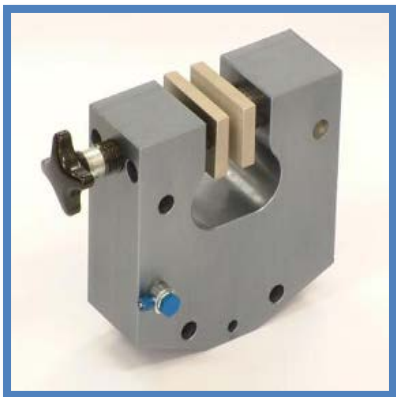
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4545	Pneumatic vice grip, without faces, internal actuator	Pair	3.2Kg	7kN	5/8 inch

Face options

Part Number	Description	Quantity	Weight	Opening	Temp °C
01/4546	40mm x 60mm, plain jaw faces,	Set of 4	350g	0-10mm	+20 to +180
01/4547	40mm x 60mm, rubber jaw faces	Set of 4	360g	0-10mm	-70 to +70
01/4548	40mm x 60mm, crosscut jaw faces	Set of 4	330g	0-10mm	-70 to +180
01/4549	40mm x 60mm, V notch jaw faces, 40mm clamping height	Set of 4	320g	4-12mmØ	-70 to +180
01/4550	40mm x 60mm, wave jaw faces	Set of 4	400g	0-10mm	-70 to +180
01/4551	40mm x 60mm, diamond jaw faces	Set of 4	350g	0-10mm	-70 to +180
01/4552	40mm x 100mm, plain jaw faces,	Set of 4	720g	0-10mm	+20 to +180
01/4553	40mm x 100mm, rubber jaw faces	Set of 4	740g	0-10mm	-70 to +70
01/4554	40mm x 100mm, crosscut jaw faces	Set of 4	690g	0-10mm	-70 to +180
01/4555	40mm x 100mm, wave jaw faces	Set of 4	660g	0-10mm	-70 to +180
01/4556	40mm x 100mm, diamond jaw faces	Set of 4	720g	0-10mm	-70 to +180
01/4557	60mm x 200mm, wave jaw faces	Set of 4	3Kg	0-10mm	-70 to +180
01/4558	Carrier quick fit backing to enable quick jaw face changes	Set of 2	330g	N/A	-70 to +180
01/4559	50mm x 60mm, plain jaw faces, for 01/4558	Set of 4	290g	0-9mm	+20 to +180
01/4560	50mm x 60mm, rubber jaw faces, for 01/4558	Set of 4	300g	0-9mm	-70 to +180
01/4561	50mm x 60mm, crosscut jaw faces, for 01/4558	Set of 4	280g	0-9mm	-70 to +180
01/4562	50mm x 60mm, V notch jaw faces 50mm clamping height	Set of 4	260g	0-9mm	-70 to +180
01/4563	50mm x 60mm, wave jaw faces, for 01/4558	Set of 4	260g	0-9mm	-70 to +180
01/4564	50mm x 60mm, diamond jaw faces, for 01/4558	Set of 4	290g	0-9mm	-70 to +180
01/4565	Carrier quick fit backing to enable quick jaw face changes	Set of 2	690g	N/A	-70 to +180
01/4566	50mm x 60mm, plain jaw faces, for 01/4565	Set of 4	630g	0-9mm	+20 to +180
01/4567	50mm x 60mm, rubber jaw faces, for 01/4565	Set of 4	650g	0-9mm	-70 to +180
01/4568	50mm x 60mm, crosscut jaw faces, for 01/4565	Set of 4	600g	0-9mm	-70 to +180
01/4569	50mm x 60mm, wave jaw faces, for 01/4565	Set of 4	570g	0-9mm	-70 to +180
01/4570	50mm x 60mm, diamond jaw faces, for 01/4565	Set of 4	630g	0-9mm	-70 to +180



Pneumatic Grips

Pneumatic operated grips

A vice grip with pneumatic actuators on both faces

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

16kN @ 7 bar, 1/8" pneumatic connection

All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised

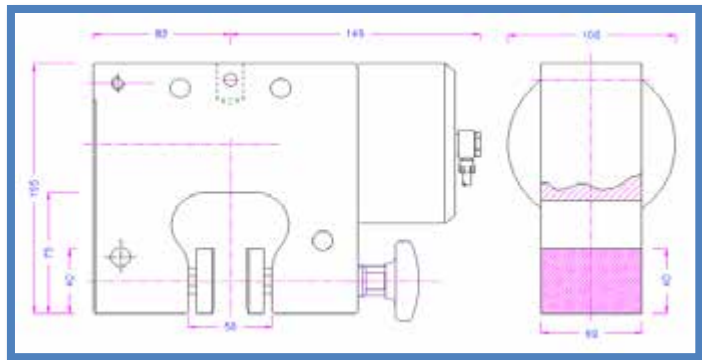
Temperature range 0 – to +70° C

(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4572	Pneumatic vice grip, without faces, dual actuator	Pair	4.5Kg	16kN	5/8 inch

Face Options

Part Number	Description	Quantity	Weight	Opening	Temp °C
01/4573	40mm x 60mm, plain faces	Set of 4	350g	0-10mm	+20 to +180
01/4574	40mm x 60mm, rubber faces	Set of 4	360g	0-10mm	-70 to +70
01/4575	40mm x 60mm, crosscut faces	Set of 4	330g	0-10mm	-70 to +180
01/4576	40mm x 60mm, V-notch faces, 40mm clamping height	Set of 4	320g	4-12mm	-70 to +180
01/4577	40mm x 60mm, wave faces	Set of 4	400g	0-10mm	-70 to +180
01/4578	40mm x 60mm, diamond faces	Set of 4	350g	0-10mm	-70 to +180
01/4579	40mm x 100mm, plain faces	Set of 4	720g	0-10mm	-70 to +180
01/4580	40mm x 100mm, rubber faces	Set of 4	740g	0-10mm	+20 to +180
01/4581	40mm x 100mm, crosscut faces	Set of 4	690g	0-10mm	-70 to +70
01/4582	40mm x 60mm, wave faces	Set of 4	660g	0-10mm	-70 to +180
01/4583	40mm x 60mm, diamond faces	Set of 4	720g	0-10mm	-70 to +180
01/4584	60mm x 200mm, wave faces	Set of 4	3000g	0-10mm	-70 to +180
01/4585	Carrier quick fit backing to enable quick jaw face changes	Set of 2	330g	N/A	-70 to +180
01/4586	50mm x 60mm, plain faces, for 01/4585	Set of 4	290g	0-9mm	+20 to +180
01/4587	50mm x 60mm, rubber faces, for 01/4585	Set of 4	300g	0-9mm	-70 to +180
01/4588	50mm x 60mm, crosscut faces, for 01/4585	Set of 4	280g	0-9mm	-70 to +180
01/4589	50mm x 60mm, wave faces, for 01/4585	Set of 4	260g	0-9mm	-70 to +180
01/4590	50mm x 60mm, diamond faces, for 01/4585	Set of 4	290g	0-9mm	-70 to +180
01/4591	Carrier quick fit backing to enable quick jaw face changes	Set of 2	690g	N/A	-70 to +180
01/4592	50mm x 100mm, plain faces, for 01/4591	Set of 4	630g	0-9mm	+20 to +180
01/4593	50mm x 100mm, rubber faces, for 01/4591	Set of 4	650g	0-9mm	-70 to +180
01/4594	50mm x 100mm, crosscut faces, for 01/4591	Set of 4	600g	0-9mm	-70 to +180
01/4595	50mm x 100mm, wave faces, for 01/4591	Set of 4	570g	0-9mm	-70 to +180
01/4596	50mm x 100mm, diamond faces, for 01/4591	Set of 4	630g	0-9mm	-70 to +180



Pneumatic Grips

Pneumatic operated grips

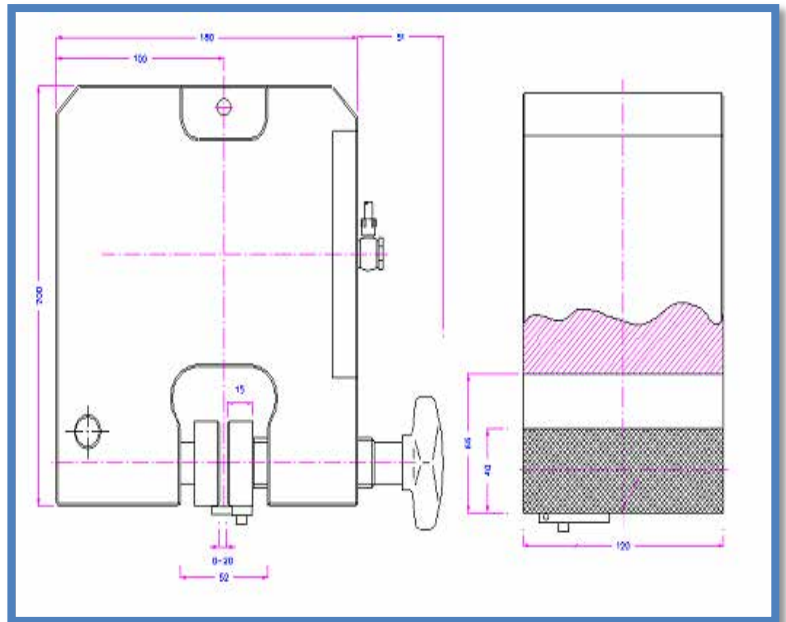
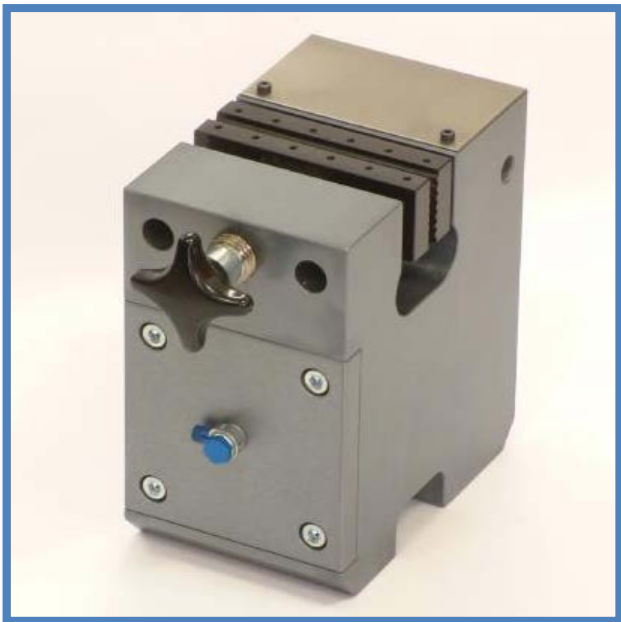
A high force pneumatic grip with thumb screw adjustment on one side and internal pneumatic actuator on the other
 Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)
 30KN @ 7 bar, 1/8" pneumatic connection
 All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
 Temperature range 0 – to +70° C
 (Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4597	Pneumatic vice grip, without faces, single actuator	Pair	11Kg	30kN	1 1/4 inch

Face Options

Part Number	Description	Quantity	Weight	Opening
01/4598	40mm x 120mm, plain faces	Set of 4	1.08kg	0-12mm
01/4599	40mm x 120mm, rubber faces	Set of 4	1.09kg	0-10mm
01/4600	40mm x 120mm, crosscut faces	Set of 4	1.04kg	0-12mm
01/4601	40mm x 120mm, wave faces	Set of 4	1.02kg	0-12mm
01/4602	40mm x 120mm, V-notch faces, 6mm to 17mm Ø samples	Set of 4	0.83kg	6-17mm
01/4603	40mm x 120mm, diamond faces	Set of 4	1.08kg	0-12mm
01/4604	60mm x 200mm, wave faces	Set of 4	3.61kg	0-8mm
01/4605	60mm x 210mm, wave faces	Set of 4	3.76kg	0-8mm



Pneumatic Grips

Pneumatic operated grips

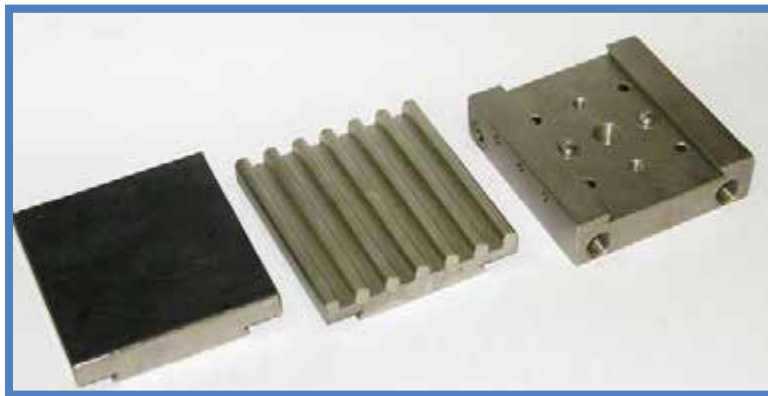
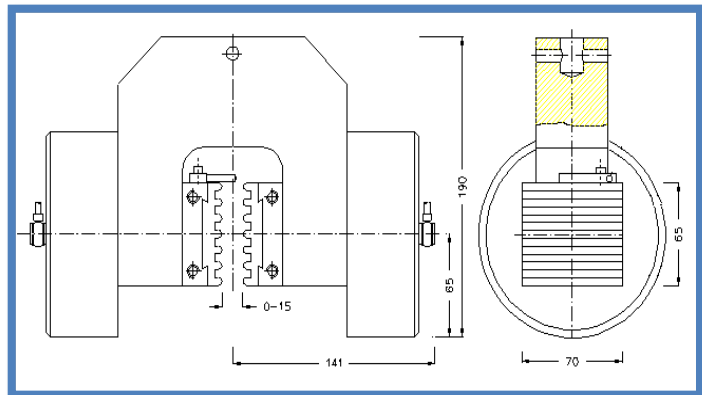
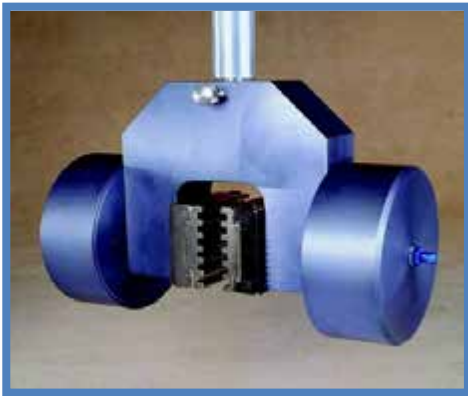
A pneumatic dual actuator grip rated to 11kN @ 7bar,
All pneumatic grips are suitable for use with the foot and hand controls

Aluminium Anodised
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4606	Pneumatic vice grip, without faces, dual actuator	Pair	7Kg	11kN	5/8 inch

Face Options

Part Number	Description	Quantity	Weight	Opening
01/4607	65mm x 70mm, plain jaw faces	Set of 4	500g	0-15mm
01/4608	65mm x 70mm, crosscut faces	Set of 4	500g	0-15mm
01/4609	65mm x 70mm, rubber faces	Set of 4	500g	0-15mm
01/4610	65mm x 70mm, wave faces	Set of 4	500g	0-15mm



Pneumatic Grips

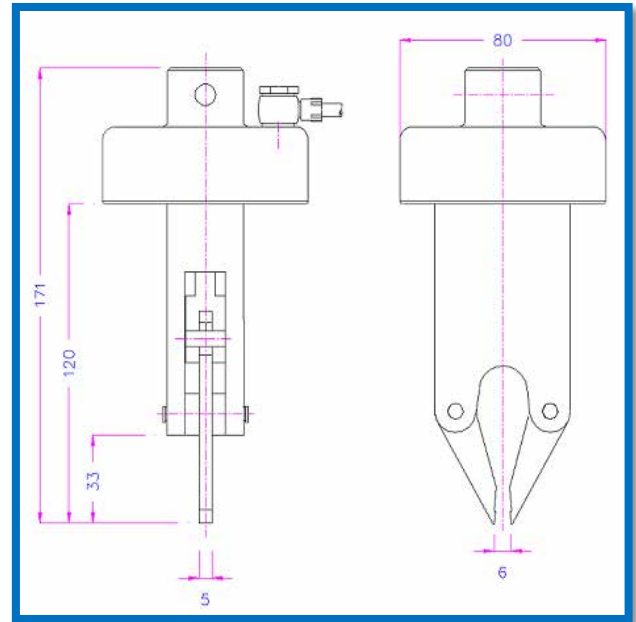
Pneumatic operated grips

All pneumatic grips are suitable for use with the foot and hand controls 01/4611, 01/4612 and 01/4614

01/4353 is suitable for the testing of small components; the pincer action and the size of the grip make it ideal for holding and gaining access to small parts
Pneumatic connection 1/8" internal thread

Aluminium anodized
Temperature range 0 – to +70° C
(Other temperatures on request)

Part Number	Description	Quantity	Opening	Weight	Rating	Fixing
01/4785	Pincer grip, 5mm x 5mm including crosscut faces	Single	0 – 6mm	800g	2kN	5/8 inch



Pneumatic Grips

Pneumatic control systems

A range of pneumatic control systems suitable for all pneumatic grips

Part Number	Description	Quantity
01/4611	Set Of two foot pedals for use with all Pneumatic Grips Grips open when pedal is depressed And close when pedal is released Includes all tubes And fittings	Pair
01/4612	Set Of two foot pedals for use With all Pneumatic Grips. Pedals Are latched so Grips remain open when the pedal is depressed and are closed when the pedal is pressed again. Includes all tubes And fittings	Pair
01/4613	Pressure regulator for 1 - 10 bar adjustment	Single
01/4614	Set Of hand switches for use With all Pneumatic Grips. Grips Are open With the handle in One position And closed in the other position. Includes all tubes And fittings	Pair
01/4615	Micro hand switches for all Pneumatic Grips. The switch is mounted on the Grip body And will open And close the individual Grip. Includes all tubes And fittings	Pair
01/4616	Additional set Of tubes And fittings for PG251 series switches	Single



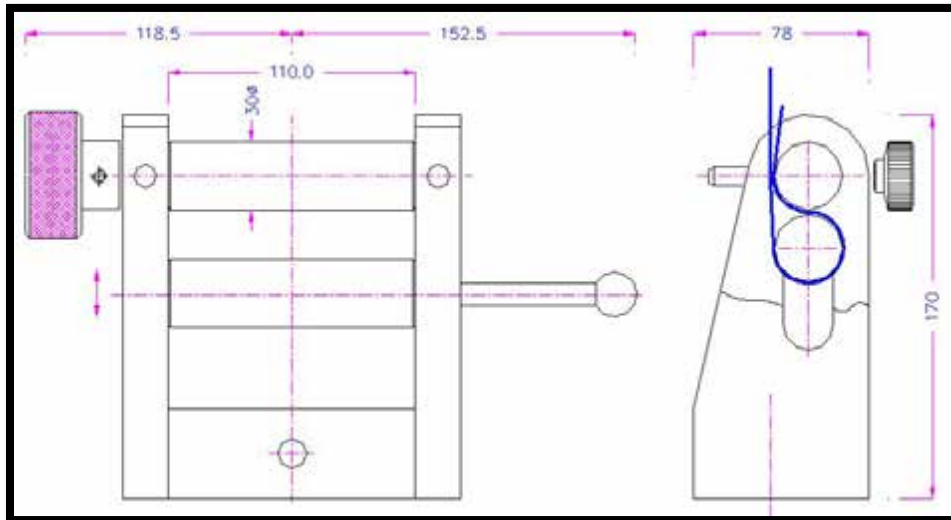
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing	Weight
01/4629	Twin roller ribbon and webbing grip	110mm	Pair	50kN	1 ¼ inch	



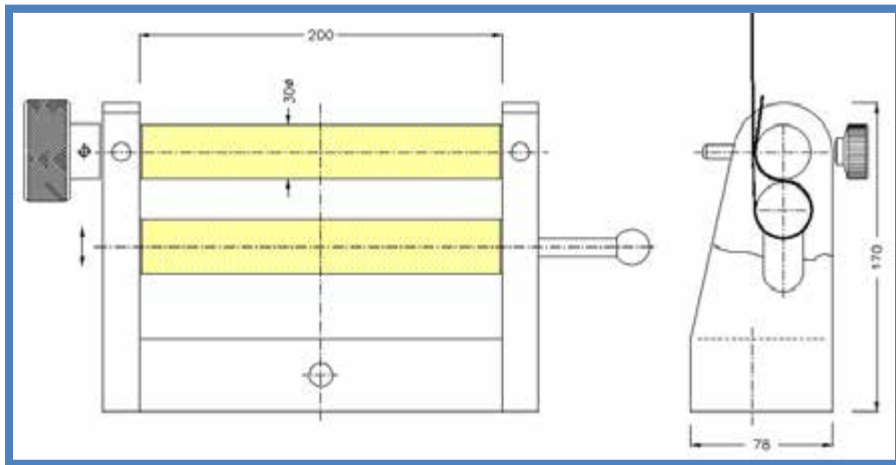
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4630	Twin roller ribbon and webbing grip	200mm	Pair	50kN	1 ¼ inch



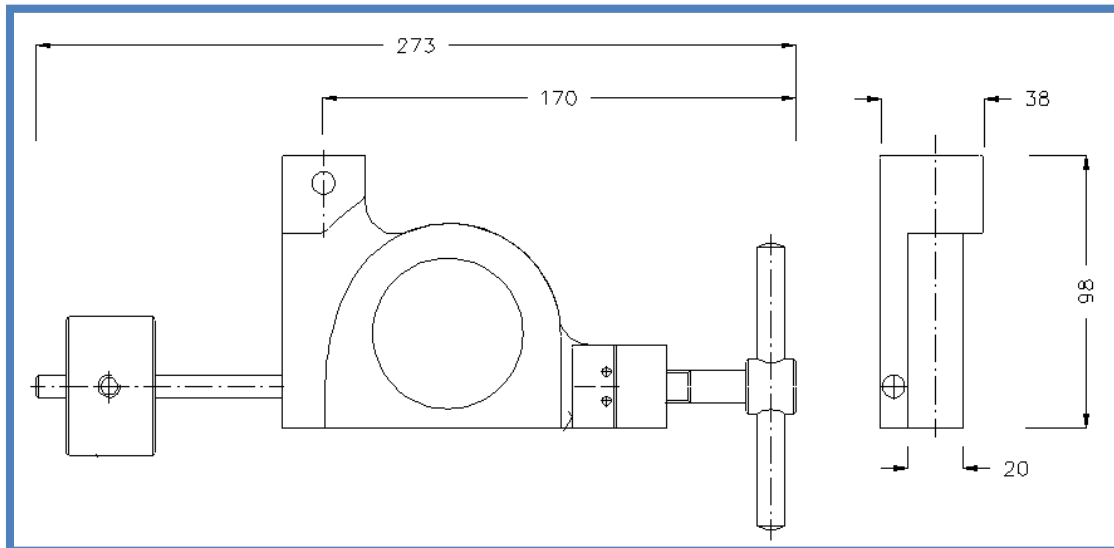
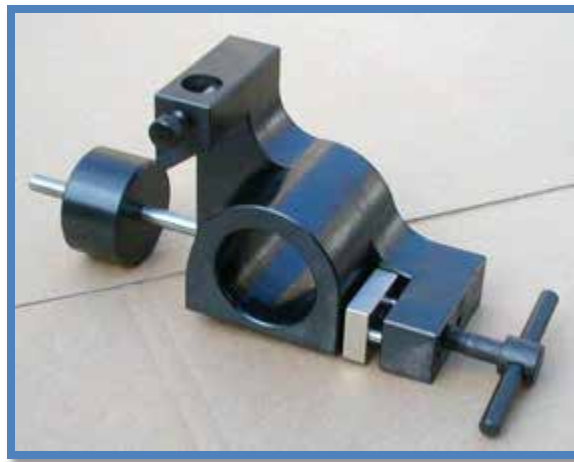
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with bollard which allows the user to wrap the sample around a roller, this helps to spread the load over the bollard to reduce breakage in the jaw face
The top grip only has a counter balance weight

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4630	Single roller ribbon and webbing grip	200mm	Pair	50kN	1 ¼ inch



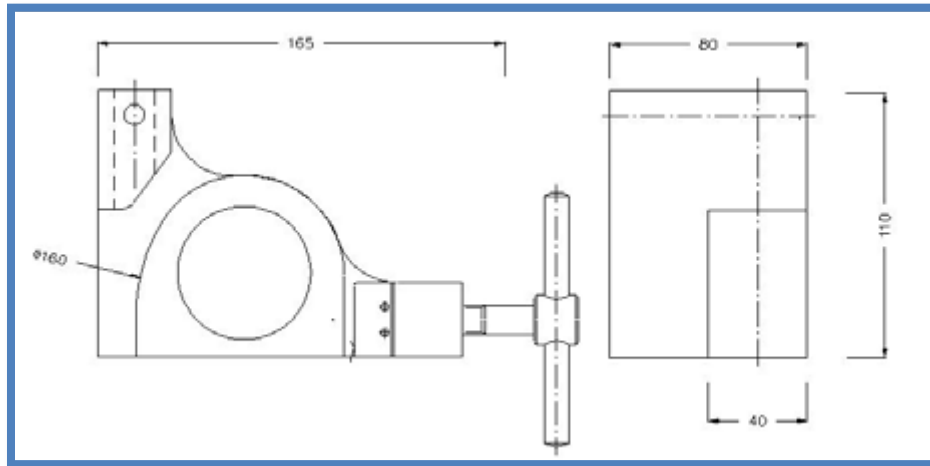
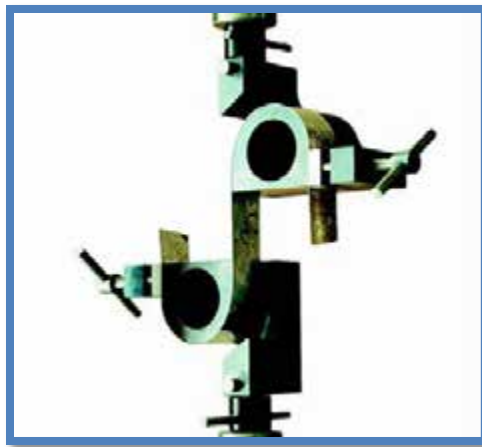
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with bollard which allows the user to wrap the sample around a roller, this helps to spread the load over the bollard to reduce breakage in the jaw face

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4632	Single bollard with screw action vice	40mm	Pair	20kN	5/8 inch



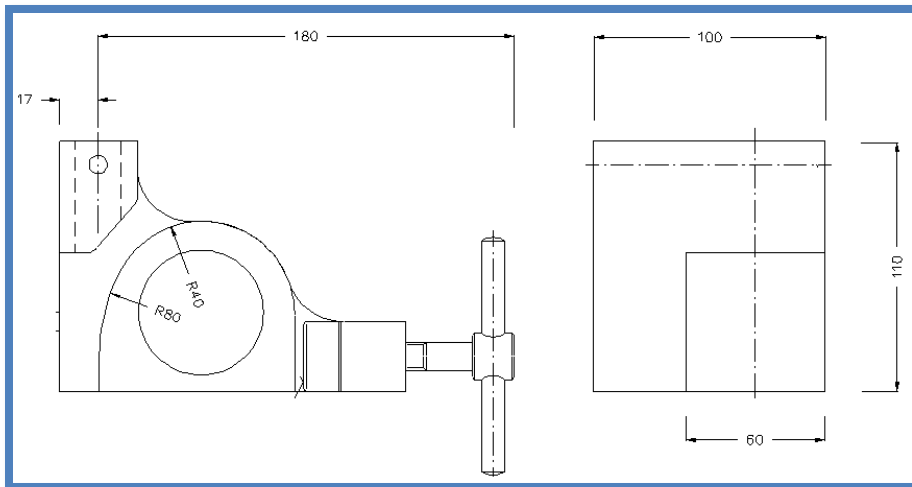
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with bollard which allows the user to wrap the sample around a roller, this helps to spread the load over the bollard to reduce breakage in the jaw face

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4633	Single bollard with screw action vice	60mm	Pair	20kN	5/8 inch



Webbing and Ribbon

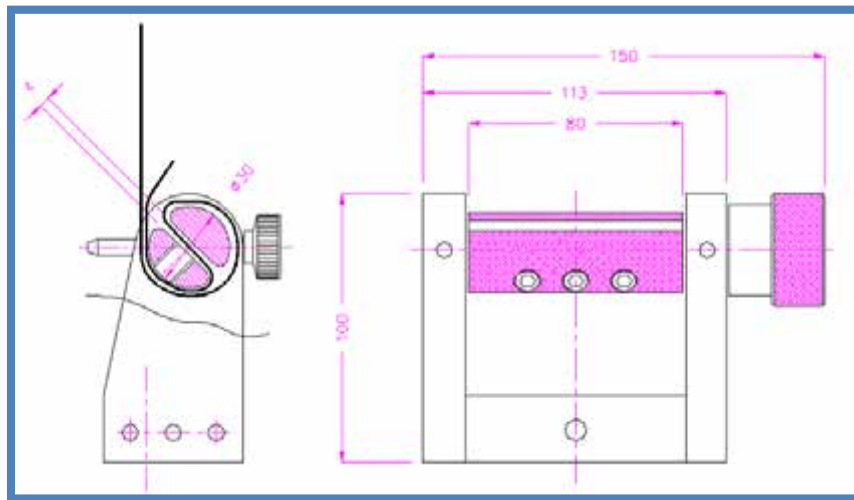
Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4634	Split C, with roller locking and sample tightening, 30mm Ø	80mm	Pair	20kN	5/8 inch

Note; sample length must be > 400mm



Webbing and Ribbon

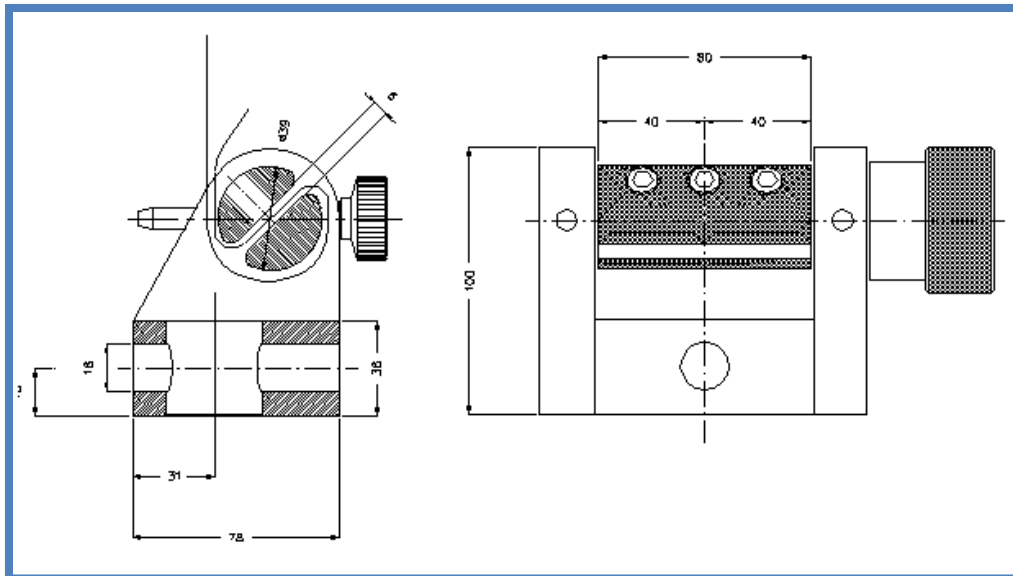
Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4635	Split C, with roller locking and sample tightening, 40mm Ø	80mm	Pair	50kN	1 ¼ inch

Note; Sample must be >400mm



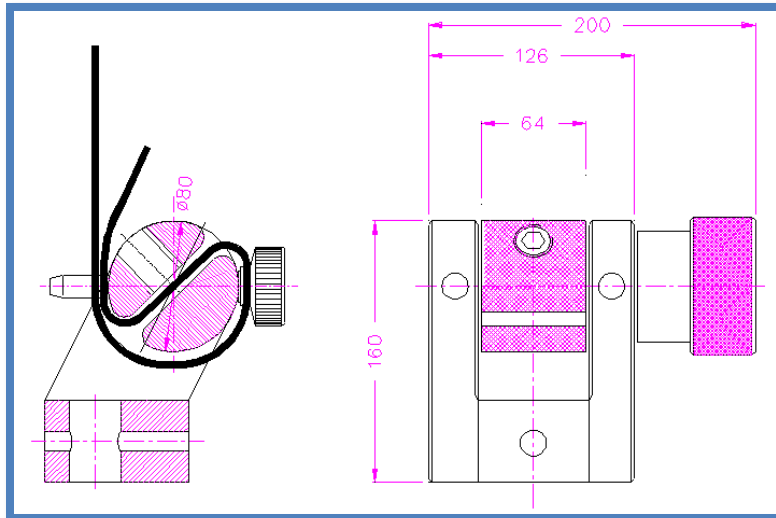
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4636	Split C, with roller locking and sample tightening, 60mm Ø	80mm	Pair	100kN	1 ¼ inch



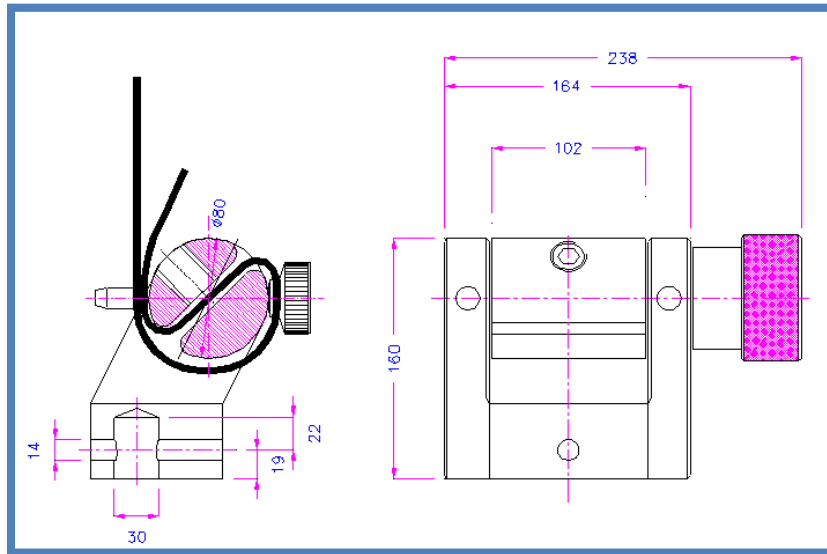
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4637	Split C, with roller locking and sample tightening, 80mm Ø	100mm	Pair	100kN	1 ¼ inch



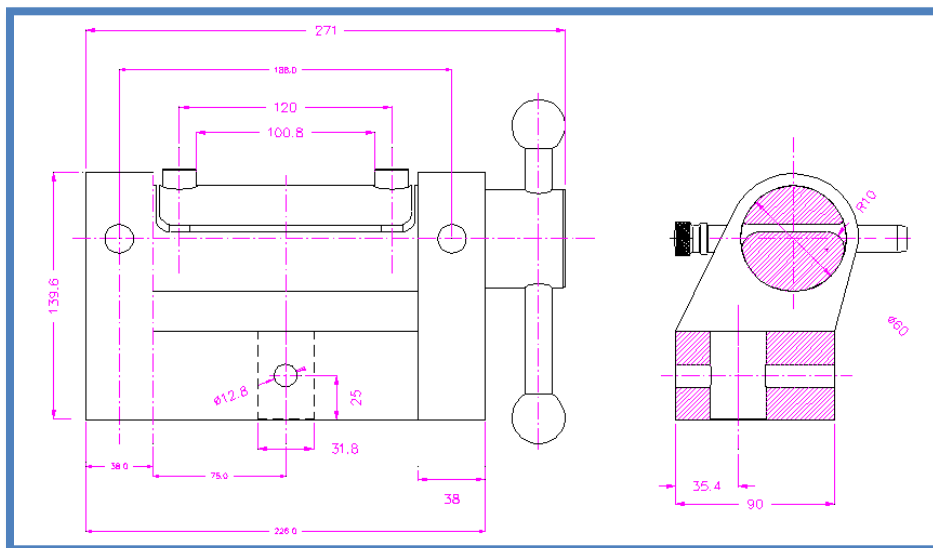
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4638	Split C, with moveable counter jaw and lever tightening	100mm	Pair	20kN	5/8 inch



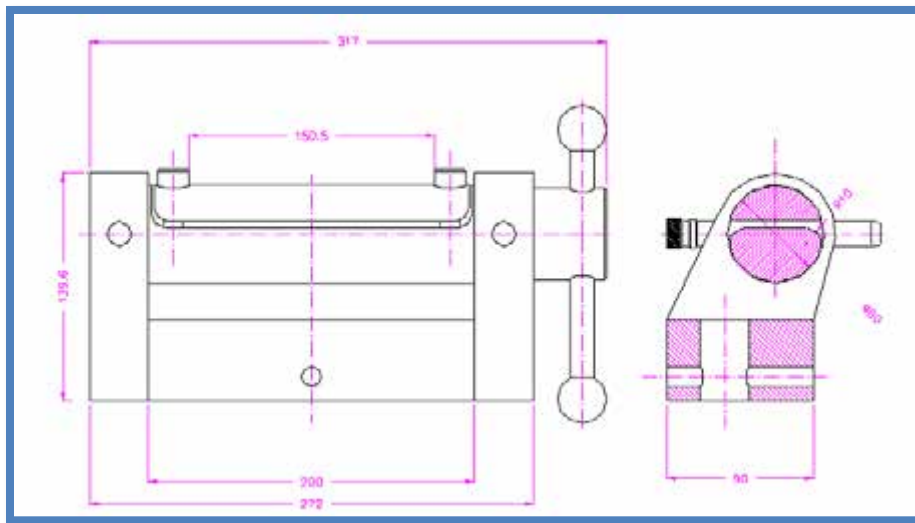
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4639	Split C, with moveable counter jaw and lever tightening	150mm	Pair	20kN	5/8 inch



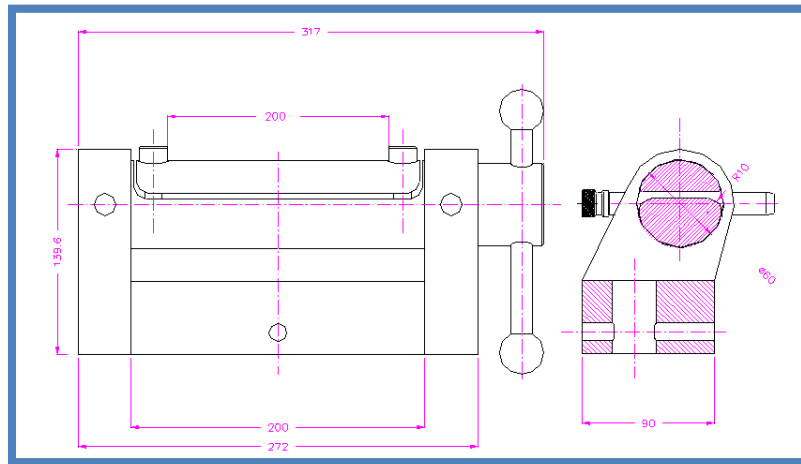
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4640	Split C, with moveable counter jaw and lever tightening	200mm	Pair	20kN	5/8 inch



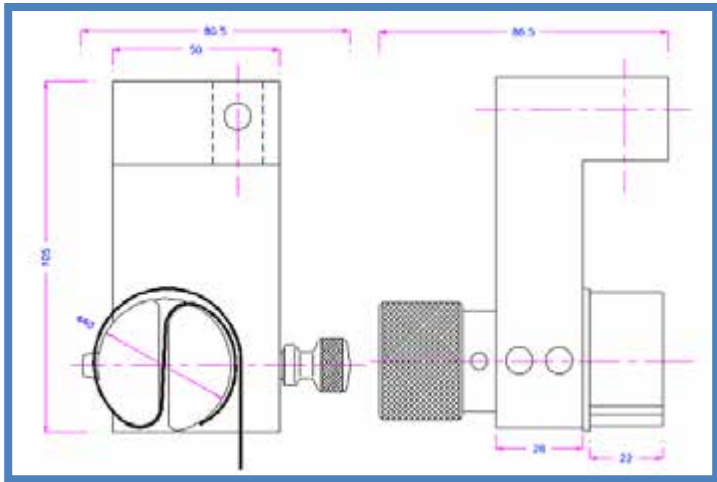
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4642	Ribbon grip with 40mm Ø roller, sample up to 2.5mm thick	22mm	Pair	1kN	5/8 inch



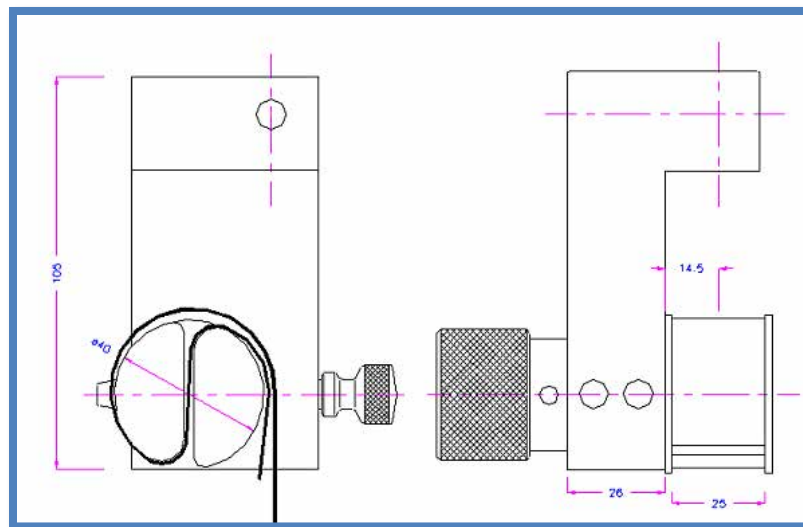
Webbing and Ribbon

Webbing, strapping and ribbon grips

A range of grips with a split-C design which allows the user to wrap the sample around a self tightening roller, the action of feeding the sample back upon itself by winding the sample in to the grip also aids the sample gripping force. Samples can be manually pre-tensioned before a test starts

Steel hardened, phosphate coated
Temperature Range 0 to +130° C

Part Number	Description	Maximum Sample Width	Quantity	Rating	Fixing
01/4643	Ribbon grip with 40mm Ø roller, sample up to 2.5mm thick	25mm	Pair	1kN	5/8 inch



2kN Scissor Grip

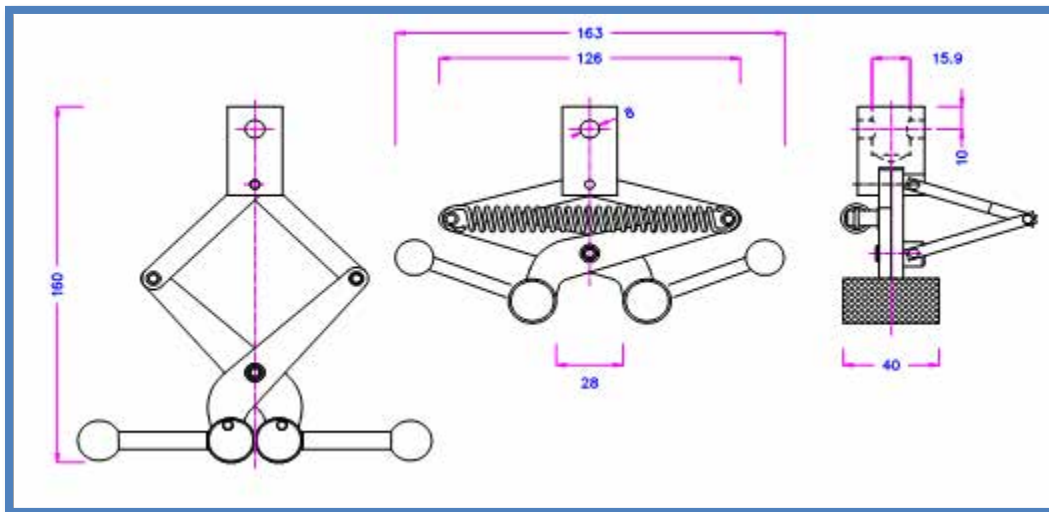
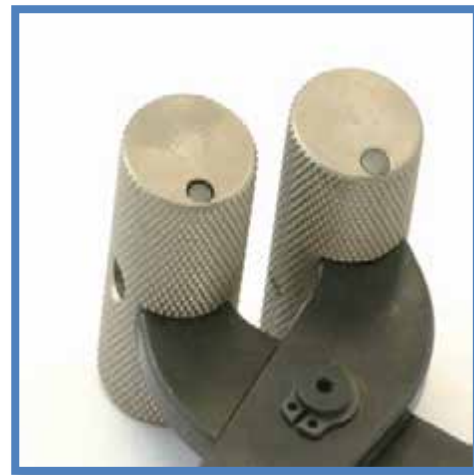
Self-tightening and self-aligning scissor grip

The initial grip is provided by spring tension. The ratio of clamping force to tensile force changes according to the opening width. The larger the opening the stronger the grips tightens on the specimen. The jaws tighten themselves during force application.

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Grips include crosscut faces 20mm diameter, 40mm wide

Part Number	01/4199
Maximum Rating	2kN
Sample Thickness	0mm – 28mm
Sample Width	40mm
Material	Hardened Steel 58 HRC, Nickel Plated
Temperature Range	-0° C to +130° C
Weight Per grip	583g
Fixing Type	5/8 inch (15.9mm)



5kN Scissor Grip

Self-tightening and self-aligning scissor grip

The initial grip is provided by spring tension. The ratio of clamping force to tensile force changes according to the opening width. The larger the opening the stronger the grips tightens on the specimen. The jaws tighten themselves during force application.

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

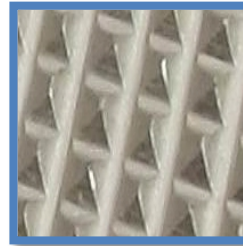
Part Number	01/4200
Maximum Rating	5kN
Sample Thickness	0mm – 19mm
Sample Width	50mm
Material	Stainless Steel
Temperature Range	- 70° C to +130° C
Weight Per grip	980g (without jaws)
Fixing Type	5/8 inch (15.9mm)

Face Options

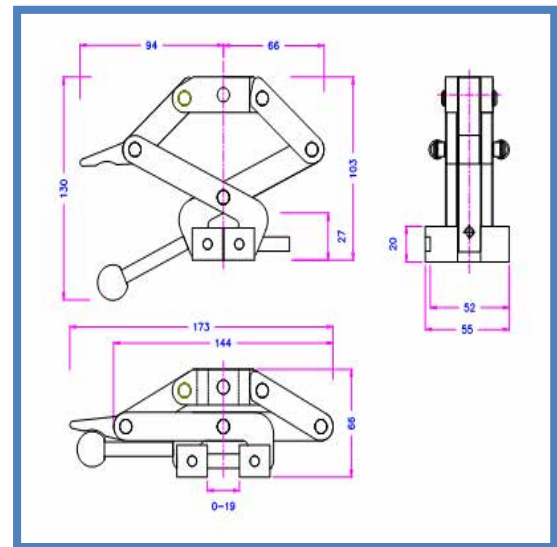
Part Number	Finish	Dimensions H x W	Weight
01/4203	Plain	20mm x 50mm	240g (set)
01/4204	Crosscut	20mm x 50mm	240g (set)



01/4203 Plain Face
Steel without coating
Suitable for own treatment



01/4204 Crosscut Face 1.25 x 45° Pitch
Hardened Steel 58HRC
Nickel Plated



20kN Scissor Grip

Self-tightening and self-aligning scissor grip

The initial grip is provided by spring tension. The ratio of clamping force to tensile force changes according to the opening width. The larger the opening the stronger the grips tightens on the specimen. The jaws tighten themselves during force application. The grip has a lock open function to aid sample fitting.

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal and foils

Part Number	01/4201
Maximum Rating	20kN
Sample Thickness	0mm – 25mm <i>(depends on face option)</i>
Sample Width	50mm and 100mm
Material	Stainless Steel
Temperature Range	- 70° C to +130° C
Weight Per grip	2 Kg <i>(without jaws)</i>
Fixing Type	5/8 inch (15.9mm)

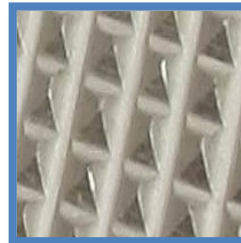
Face Options

Part Number	Finish	Dimensions H x W	Weight
01/4205	Plain	25mm x 50mm – 25mm opening	340g <i>(set)</i>
01/4206	Crosscut	25mm x 50mm – 25mm opening	330g <i>(set)</i>
01/4207	Crosscut Round	25mm x 52mm – 20mm opening	310g <i>(set)</i>
01/4208	V-Notch	4mm – 15mm Ø samples	450g <i>(set)</i>
01/4209	Wave	25mm x 50mm	320g <i>(set)</i>
01/4210*	Plain	25mm x 100mm	740g <i>(set)</i>
01/4211*	Crosscut	25mm x 100mm	720g <i>(set)</i>
01/4212*	Wave	25mm x 100mm	690g <i>(set)</i>

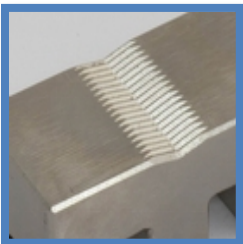
* 100mm wide faces restrict capacity to 10kN



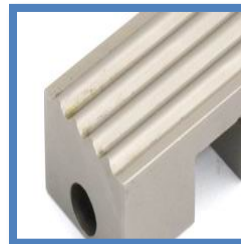
01/4205 Plain Face
Steel without coating
Suitable for own treatment



01/4206 Crosscut Face 1.25 x 45° Pitch
Hardened Steel 58HRC
Nickel Plated

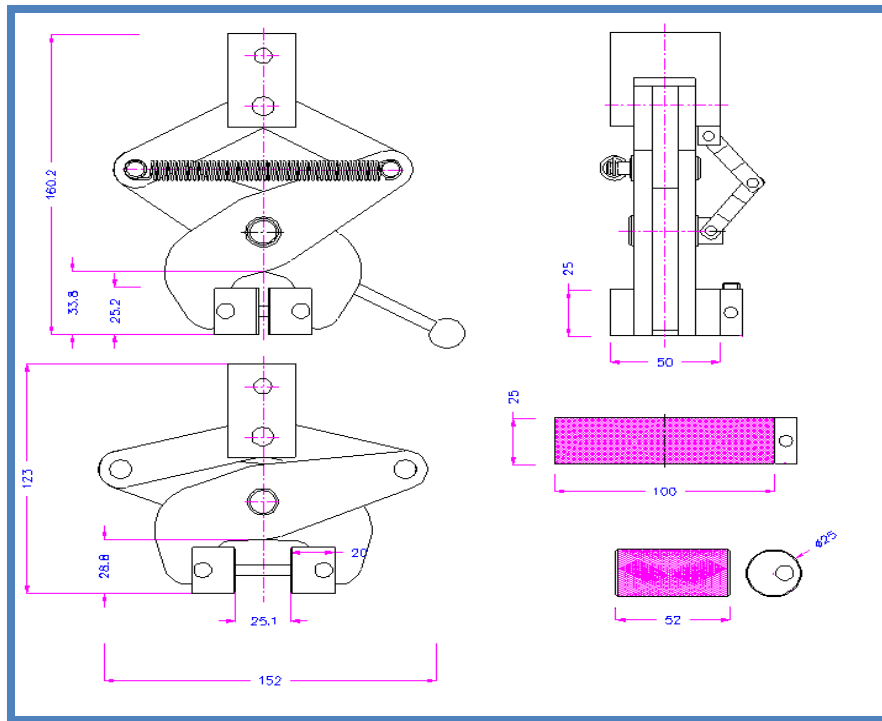
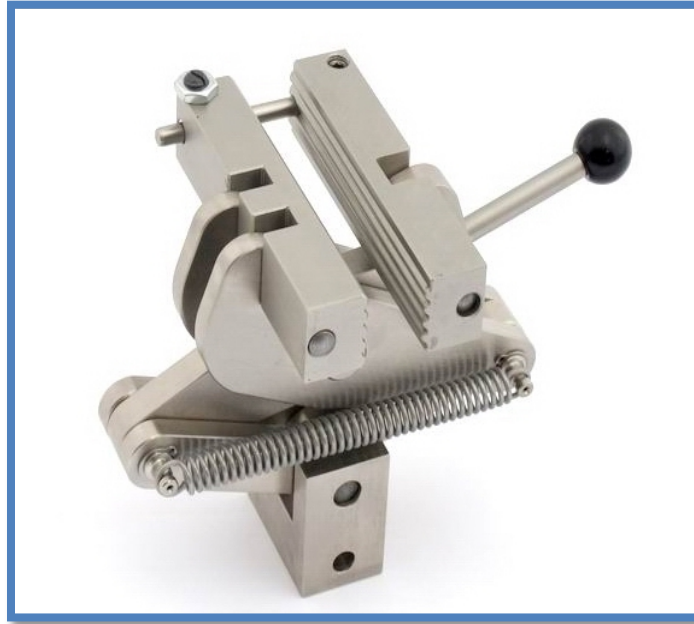


01/4208 V-Notch Face – round samples
Tooth Pitch 1.2mm
Hardened Steel 58 HRC
Nickel Plated



01/4209 Wave Faces – textile samples
5mm Wave
Hardened Steel 58 HRC
Nickel Plated

20kN Scissor Grip



50kN Scissor Grip

Self-tightening and self-aligning scissor grip

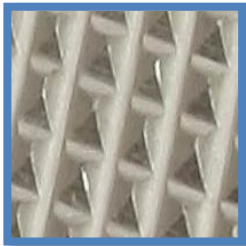
The initial grip is provided by spring tension. The ratio of clamping force to tensile force changes according to the opening width. The larger the opening the stronger the grips tightens on the specimen. The jaws tighten themselves during force application.

Ideal for all types of samples, rubber, thick plastic sheet, plastic dumbbells, cardboard, sheet metal, wood and composites

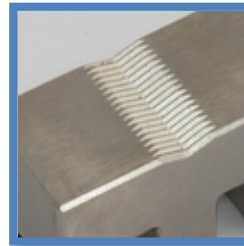
Part Number	01/4202
Maximum Rating	50kN
Sample Thickness	0mm – 48mm (depends on face option)
Sample Width	100mm
Material	Steel, Manganese Phosphate Coating
Temperature Range	-0° C to +130° C (other available on request)
Weight Per grip	9.1Kg (without jaws)
Fixing Type	1 1/4 inch (31.8mm)

Face Options

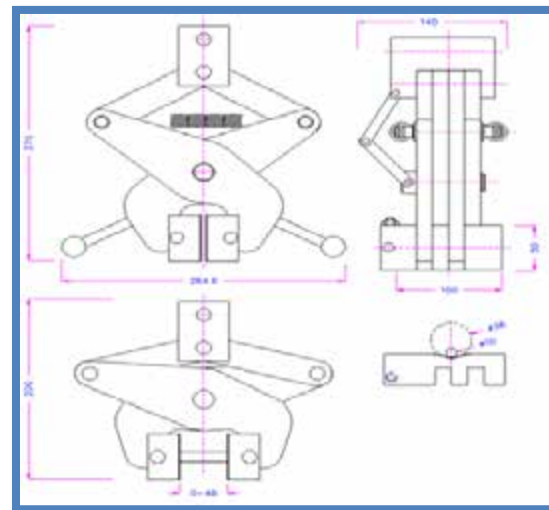
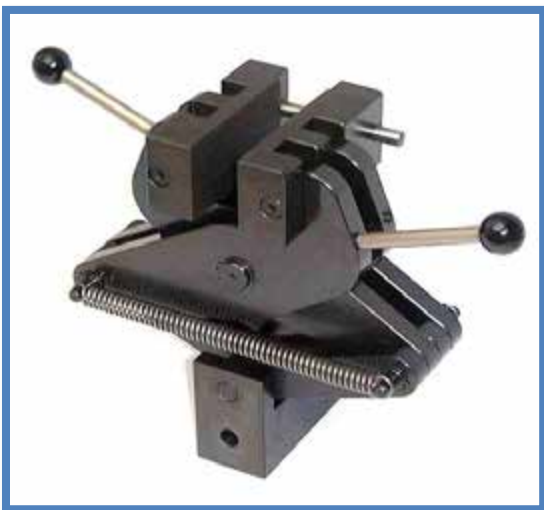
Part Number	Finish	Dimensions H x W	Weight
01/4213	Crosscut	50mm x 100mm	1.9Kg (set)
01/4214	V-Notch	10mm to 48mm Ø samples	2.0Kg (set)



01/4213 Crosscut Face 1.2 x 45° Pitch
Hardened Steel 58HRC
Nickel Plated



01/4214 V-Notch Faces Tooth Pitch 1.2mm
Hardened Steel 58HRC
Nickel Plated



Thread Head Grips

Thread head grips consist of a two part fixture, the main body is chosen to fit the eye end of the machine and Loadcell and the insert is chosen to fit the diameter of the thread on the sample. Samples are machined dumbbells with metric threads

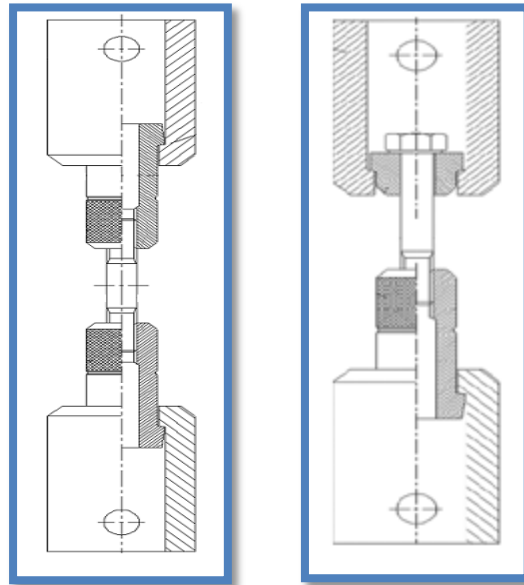
Inserts are also available for bolts and screws

Steel

Temperature ranges -70 - +230 °C

(Other temperature on request)

Part Number	Description	Rating	Fixing
01/4717	15.9mm (5/8 inch) eye end adaptor	20kN	5/8 inch
01/4718	Inserts, M3, M4, M5, M6 and M8	20kN	5/8 inch
01/4719	31.8mm (1 ¼ inch) eye end adaptor	100kN	1 ¼ inch
01/4720	Inserts in M3 to M16 in 1mm intervals	100kN	1 ¼ inch



Vice Grips

Manual operated vice grips

A small U-Shaped vice grip suitable for low force tensile and peel testing, grip has 8mm female eye end and should be ordered with a 01/4220 adaptor to fit to 5/8 inch machine eye ends. Faces can be adjusted from both sides using the thumb screw

A pneumatic version of this grip is available

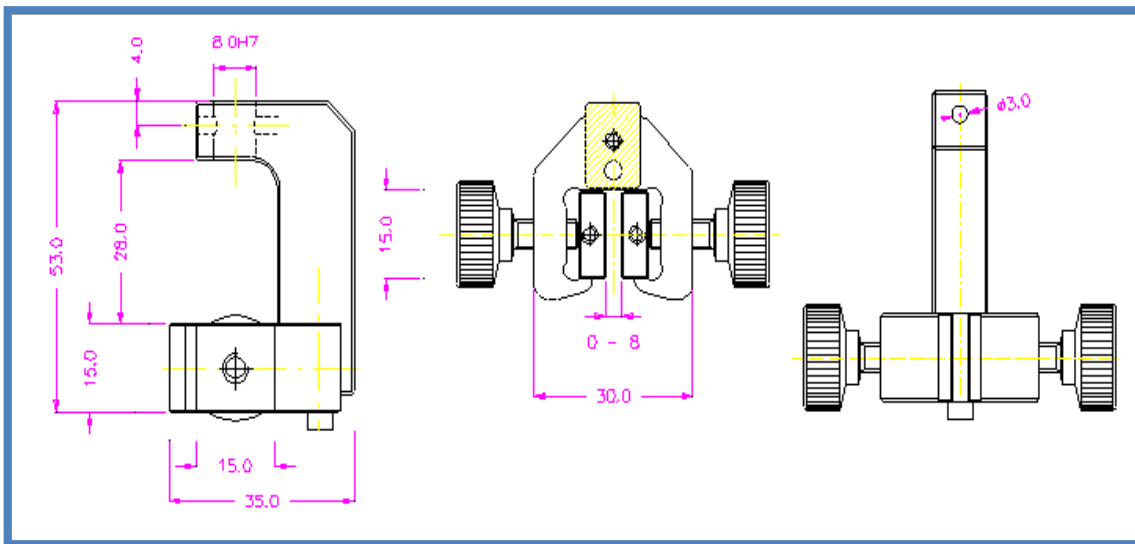
Aluminium anodized

Temperature range 0 – to +130° C

Part Number	Description	Sample Thickness	Weight	Rating	Fixing
01/4215	Vice grip with crosscut jaw faces, 15mm x 15mm U shaped design	0 – 8mm	63g	100N	8mm

Face Options

Part Number	Description	Quantity
01/4217	15mm x 15mm plain jaw set	Set of 4
01/4218	15mm x 15mm rubber jaw set	Set of 4
01/4219	15mm x 15mm crosscut jaw set	Set of 4
01/4220	8mm male to 5/8 inch female adaptor for 01/4215 and 01/4216	Single



Vice Grips

Manual operated vice grips

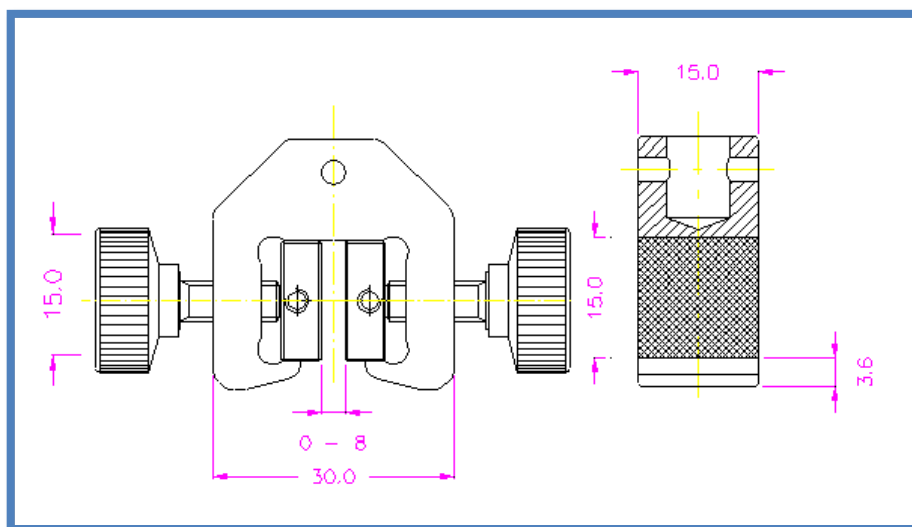
A small vice grip suitable for low force tensile and peel testing, grip has 8mm female eye end and should be ordered with a 01/4220 adaptor to fit to 5/8 inch machine eye ends. Faces can be adjusted from both sides using the thumb screw

Aluminium anodized
Temperature range 0 – to +130° C

Part Number	Description	Sample Thickness	Weight	Rating	Fixing
01/4216	Vice grip with crosscut jaw faces 15mm x 15mm, inline design	0 – 8mm	43g	100N	8mm

Part Number	Description	Quantity
01/4217	15mm x 15mm plain jaw set for 01/4215 and 01/4216	Set of 4
01/4218	15mm x 15mm rubber jaw set for 01/4215 and 01/4216	Set of 4
01/4219	15mm x 15mm crosscut jaw set for 01/4215 and 01/4216	Set of 4
01/4220	8mm male to 5/8 inch female adaptor for 01/4215 and 01/4216	Single

Grip shown with 01/4220 adaptor



Vice Grips

Manual operated vice grips

A vice grips with manual tightening action by thumb screw grips are dual action

Ideal for paper, thin film and general tensile and peeling applications where forces are low

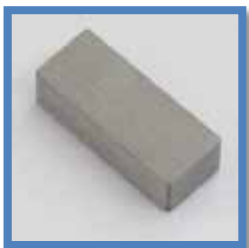
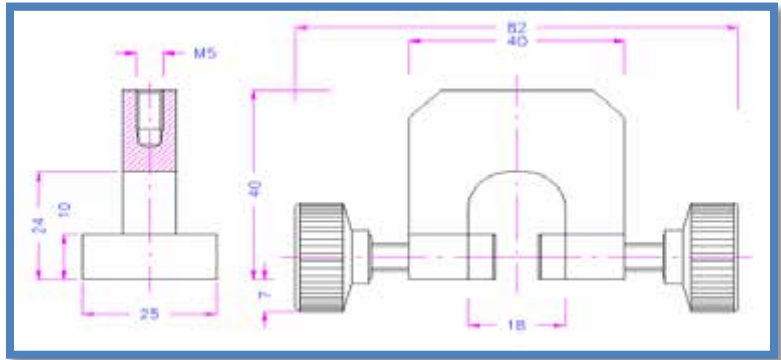
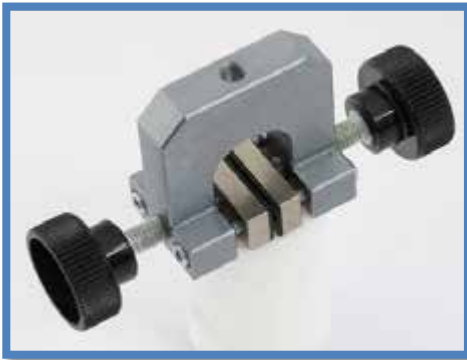
Aluminium anodized

Temperature range 0 – to +130° C

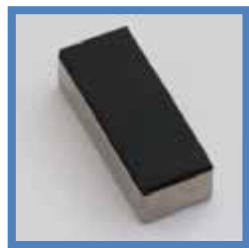
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4221	Vice grip, 0 – 8mm opening, without faces, use ADT/0239/00 for 5/8 inch	Pair	60g	100N	M5 F

Face Options

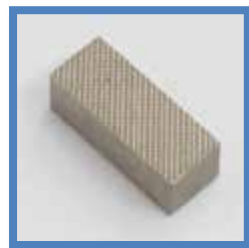
Part Number	Description	Quantity	Rating	Weight
01/4223	10mm x 25mm plain jaw faces	Set of 4	100N	18g
01/4224	10mm x 25mm rubber jaw faces	Set of 4	100N	19g
01/4225	10mm x 25mm crosscut jaw faces	Set of 4	100N	17g
01/4226	10mm x 25mm diamond jaw faces	Set of 4	100N	18g
01/4227	10mm x 50mm plain jaw faces	Set of 4	100N	46g
01/4228	10mm x 50mm rubber jaw faces	Set of 4	100N	48g
01/4229	10mm x 50mm crosscut jaw faces	Set of 4	100N	43g
01/4230	10mm x 50mm diamond jaw faces	Set of 4	100N	46g
01/4231	10mm x 100mm plain jaw faces	Set of 4	100N	92g
01/4232	10mm x 100mm rubber jaw faces	Set of 4	100N	95g
01/4233	10mm x 100mm crosscut jaw faces	Set of 4	100N	86g
01/4784	10mm x 100mm diamond jaw faces	Set of 4	100N	92g



Blank Jaws
Suitable for own treatment
No coating



Rubber Jaws
1mm NBR rubber
Nickel plated



Crosscut Jaws
0.8 x 45° crosscut
Hardened 58HRC



Diamond Jaws
Synthetic diamond coated
Nickel plated

Vice Grips

Manual operated vice grips

A vice grips with manual tightening action by thumb screw grips are dual action

Ideal for holding large sample where low force is required such as lid peel applications

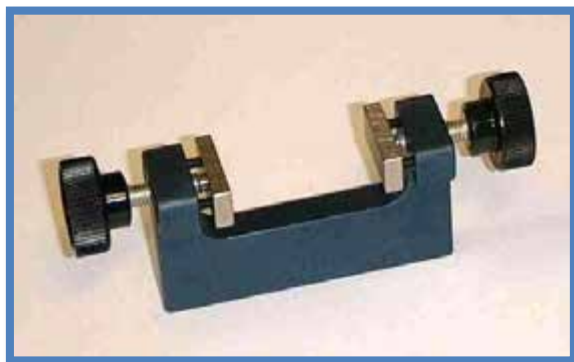
Aluminium anodized

Temperature range 0 – to +130° C

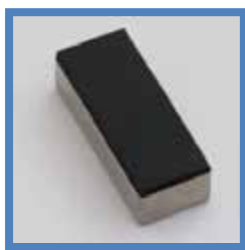
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4222	Vice grip, 0 – 46mm opening without faces, use ADT/0239/00 for 5/8 inch	Pair	89g	100N	M5 F

Face Options

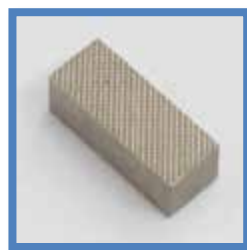
Part Number	Description	Quantity	Rating	Weight
01/4223	10mm x 25mm plain jaw faces	Set of 4	100N	18g
01/4224	10mm x 25mm rubber jaw faces	Set of 4	100N	19g
01/4225	10mm x 25mm crosscut jaw faces	Set of 4	100N	17g
01/4226	10mm x 25mm diamond jaw faces	Set of 4	100N	18g
01/4227	10mm x 50mm plain jaw faces	Set of 4	100N	46g
01/4228	10mm x 50mm rubber jaw faces	Set of 4	100N	48g
01/4229	10mm x 50mm crosscut jaw faces	Set of 4	100N	43g
01/4230	10mm x 50mm diamond jaw faces	Set of 4	100N	46g
01/4231	10mm x 100mm plain jaw faces	Set of 4	100N	92g
01/4232	10mm x 100mm rubber jaw faces	Set of 4	100N	95g
01/4233	10mm x 100mm crosscut jaw faces	Set of 4	100N	86g
01/4784	10mm x 100mm diamond jaw faces	Set of 4	100N	92g



Blank Jaws
Suitable for own treatment
No coating



Rubber Jaws
1mm NBR rubber
Nickel plated



Crosscut Jaws
0.8 x 45° crosscut
Hardened 58HRC



Diamond Jaws
Synthetic diamond
Nickel plated

Vice Grips

Manual operated vice grips

A range of vice grips with manual tightening action either by thumb screw or T-bar, grips are single action or dual action and allow for offset sample alignment for shear testing
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

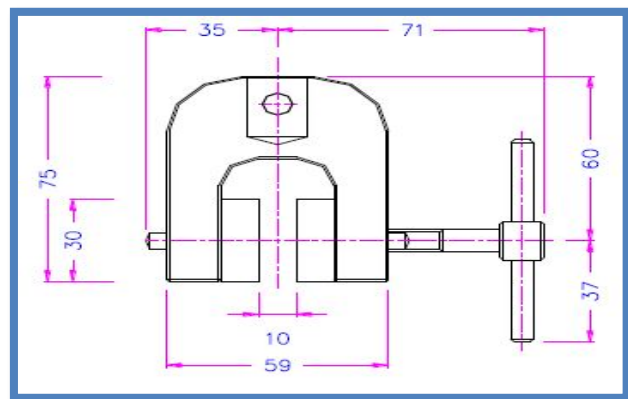
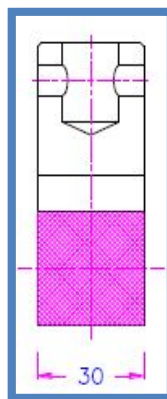
Temperature range 0 – to +180° C

Pneumatic versions available

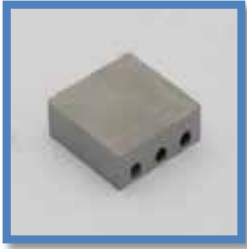
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4234	Vice grip, 0 – 10mm opening without faces	Pair	290g	2.5kN	5/8 inch

Face Options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 9mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 9mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



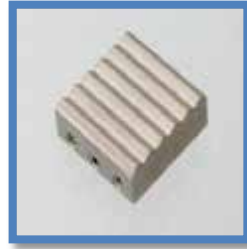
Various Face Option for 01/4234



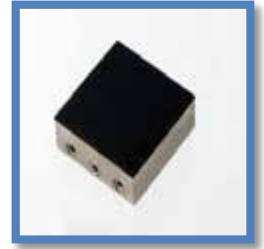
Plain Faces –steel
Suitable for own treatment



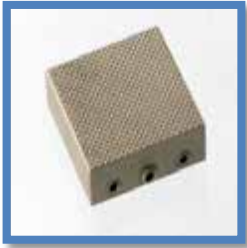
Diamond Faces
Synthetic diamond coated



Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



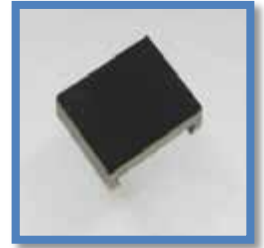
Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



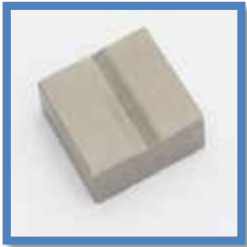
Carrier 01/4260
Fitted with plain jaw



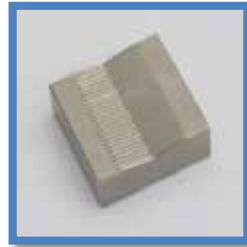
Carrier 01/4260



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC

Vice Grips

Manual operated vice grips

A vice grip with manual tightening action either by thumb screw or T-bar, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

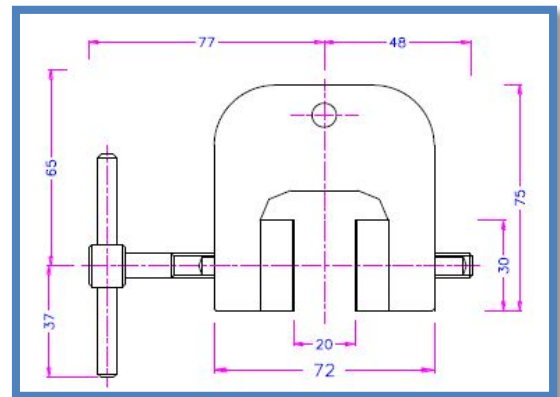
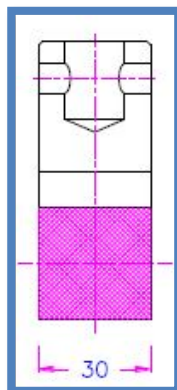
Temperature range 0 – to +180° C

Pneumatic versions available

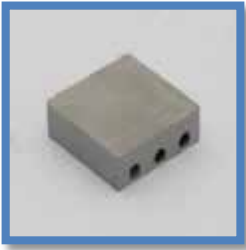
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4235	Vice grip, 0 – 20mm opening without faces	Pair	330g	1kN	5/8 inch

Face Options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 20mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 20mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



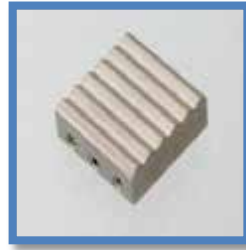
Face Option for 01/4236



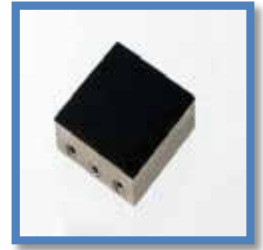
Plain Faces –steel
Suitable for own treatment



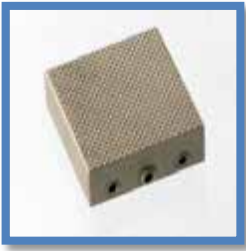
Diamond Faces
Synthetic diamond coated



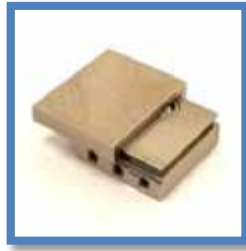
Wave Faces
5mm wave
Hardened steel 58HRC



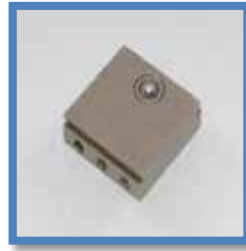
Rubber Faces
1mm NBR rubber



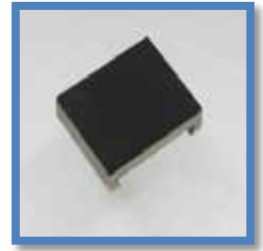
Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



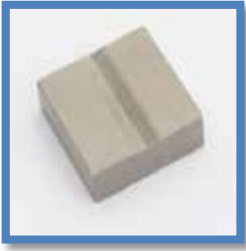
Carrier 01/4260
Fitted with plain jaw



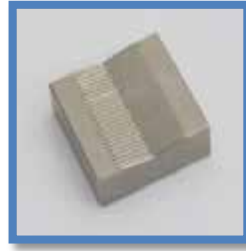
Carrier 01/4260



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC

Vice Grips

Manual operated vice grips

A vice grip with manual tightening action either by thumb screw or T-bar, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

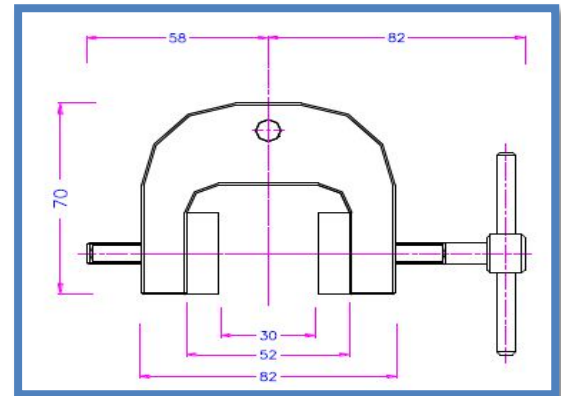
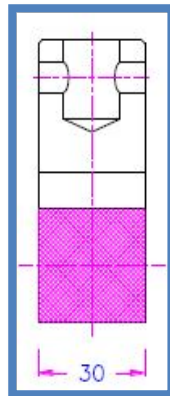
Temperature range 0 – to +180° C

Pneumatic versions available

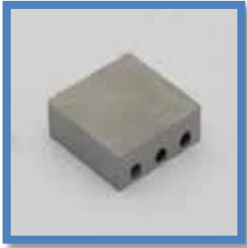
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4236	Vice grip, 0 – 30mm opening without faces	Pair	320g	1kN	5/8 inch

Face Options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 30mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 30mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



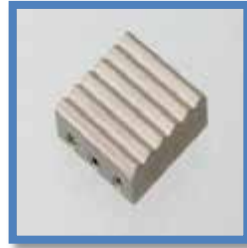
Face Options for 01/4236



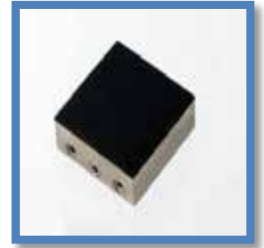
Plain Faces –steel
Suitable for own treatment



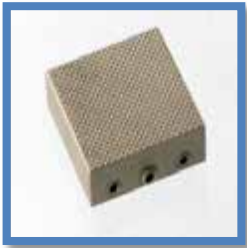
Diamond Faces
Synthetic diamond coated



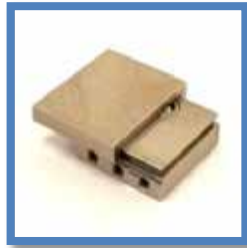
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



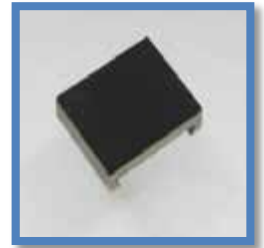
Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



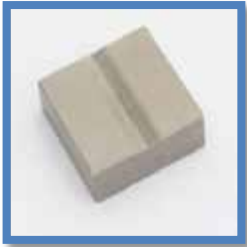
Carrier 01/4260
Fitted with plain jaw



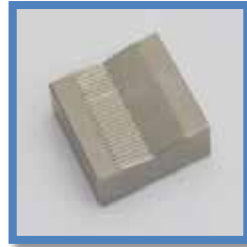
Carrier 01/4260



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC

Vice Grips

Manual operated vice grips

A vice grips with manual tightening action by T-Bar; grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

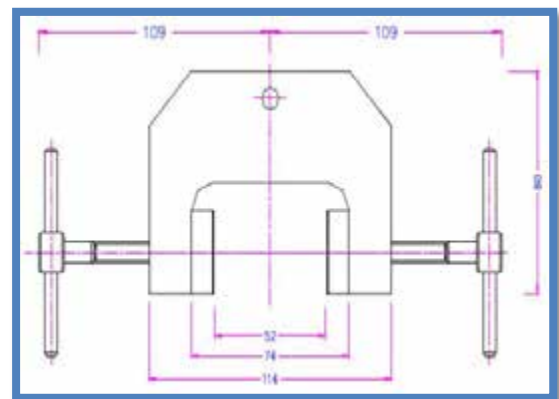
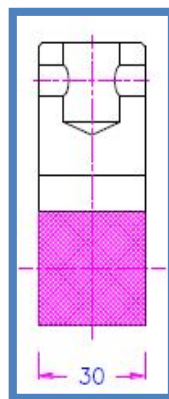
Temperature range 0 – to +180° C

Pneumatic versions available

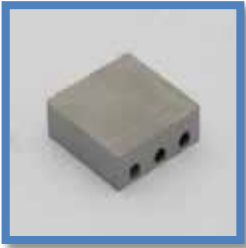
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4237	Vice grip, 0 – 50mm opening without faces	Pair	570g	1kN	5/8 inch

Face Options

Part Number	Description	Quantity	Rating	Weight
01/4238	30mm x 30mm plain jaw faces	Set of 4	2.5kN	130g
01/4239	30mm x 30mm rubber jaw faces	Set of 4	2.5kN	130g
01/4240	30mm x 30mm crosscut jaw faces	Set of 4	2.5kN	120g
01/4241	30mm x 30mm V-notch jaw faces samples 2mm – 50mm diameter	Set of 4	2.5kN	120g
01/4242	30mm x 30mm V-notch jaw faces samples 3mm – 50mm diameter	Set of 4	2.5kN	130g
01/4243	30mm x 30mm wave jaw faces	Set of 4	2.5kN	120g
01/4244	30mm x 30mm diamond jaw faces	Set of 4	2.5kN	130g
01/4245	30mm x 50mm plain jaw faces	Set of 4	2.5kN	220g
01/4246	30mm x 50mm rubber jaw faces	Set of 4	2.5kN	230g
01/4247	30mm x 50mm crosscut jaw faces	Set of 4	2.5kN	210g
01/4248	30mm x 50mm wave jaw faces	Set of 4	2.5kN	200g
01/4249	30mm x 50mm diamond jaw faces	Set of 4	2.5kN	220g
01/4250	30mm x 80mm plain jaw faces	Set of 4	2.5kN	360g
01/4251	30mm x 80mm rubber jaw faces	Set of 4	2.5kN	370g
01/4252	30mm x 80mm crosscut jaw faces	Set of 4	2.5kN	350g
01/4253	30mm x 80mm wave jaw faces	Set of 4	2.5kN	320g
01/4254	30mm x 80mm diamond jaw faces	Set of 4	2.5kN	360g
01/4255	30mm x 100mm plain jaw faces	Set of 4	2.5kN	450g
01/4256	30mm x 100mm rubber jaw faces	Set of 4	2.5kN	460g
01/4257	30mm x 100mm crosscut jaw faces	Set of 4	2.5kN	450g
01/4258	30mm x 100mm wave jaw faces	Set of 4	2.5kN	510g
01/4259	30mm x 100mm diamond jaw faces	Set of 4	2.5kN	450g
01/4260	Carrier quick fit backing to enable quick jaw face changes	Set of 2	2.5kN	120g
01/4261	30mm x 36mm plain jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4262	30mm x 36mm rubber jaw faces for use with 01/4260	Set of 4	2.5kN	60g
01/4263	30mm x 36mm crosscut jaw faces for use with 01/4260	Set of 4	2.5kN	50g
01/4264	30mm x 36mm diamond jaw faces for use with 01/4260	Set of 4	2.5kN	50g



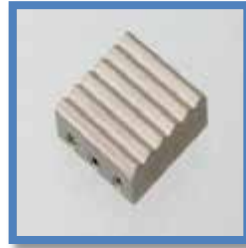
Face Options for 01/4237



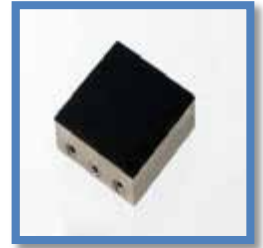
Plain Faces –steel
Suitable for own treatment



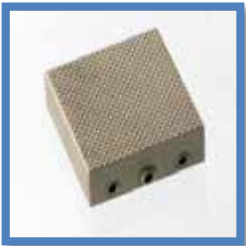
Diamond Faces
Synthetic diamond coated



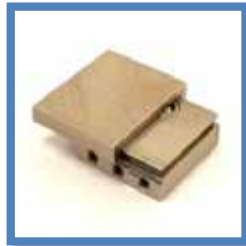
Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber



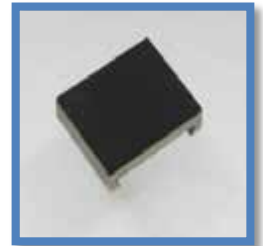
Crosscut Faces
1.2 x 45° pitch
Hardened steel 58 HRC



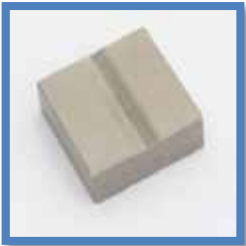
Carrier 01/4260
Fitted with plain jaw



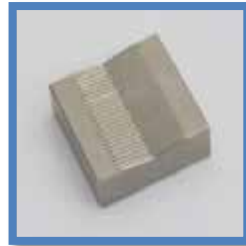
Carrier 01/4260



Rubber Faces
1mm NBR rubber



V-notch Faces
1.2mm pitch
Tempered steel 58HRC



V-notch Faces
1.2mm pitch
Tempered steel 58HRC

Vice Grips

Manual operated vice grips

A vice grip with manual tightening action by T-bar, grip is dual action and allows for offset sample alignment for shear testing

Ideal for all types of samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

Temperature range 0 – to +180° C

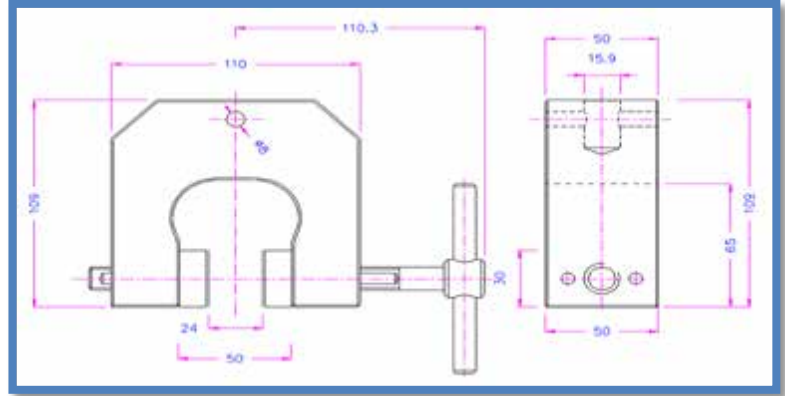
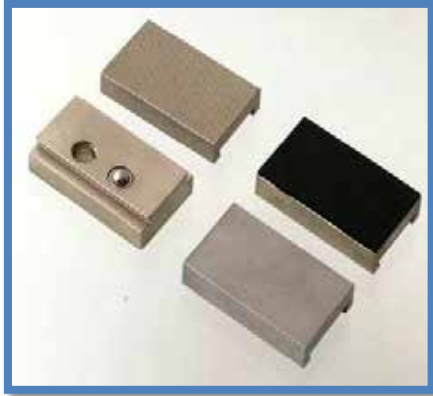
Pneumatic versions available

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4265	Vice grip, 0 – 24mm opening, without faces	Pair	1.3Kg	5kN	5/8 inch

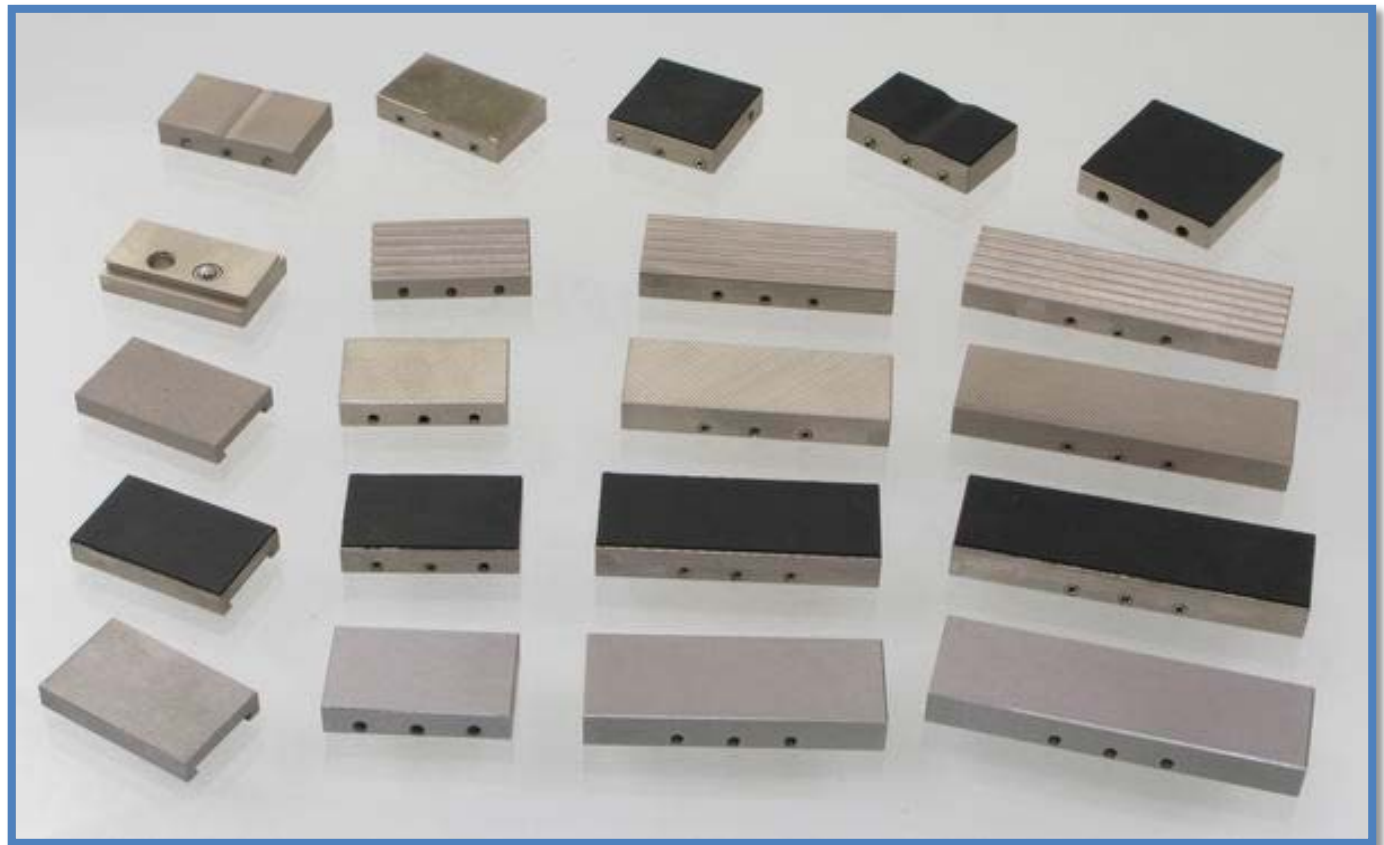
Face Options

Part Number	Description	Quantity	Rating	Weight	Opening
01/4268	Quick release lever for 01/4265	Single	5kN		
01/4269	30mm x 50mm plain jaw faces	Set of 4	5kN	220g	0-30mm
01/4270	30mm x 50mm rubber jaw faces	Set of 4	5kN	220g	0-28mm
01/4271	30mm x 50mm crosscut jaw faces	Set of 4	5kN	210g	0-30mm
01/4272	30mm x 50mm wave jaw faces	Set of 4	5kN	200g	0-30mm
01/4273	30mm x 50mm V-notch jaw faces	Set of 4	5kN	220g	Ø 2-50mm
01/4274	30mm x 50mm V-notch jaw faces	Set of 4	5kN	250g	Ø 5-50mm
01/4275	30mm x 50mm diamond jaw faces	Set of 4	5kN	220g	0-30mm
01/4276	30mm x 80mm plain jaw faces	Set of 4	5kN	430g	0-26mm
01/4277	30mm x 80mm rubber jaw faces	Set of 4	5kN	440g	0-24mm
01/4278	30mm x 80mm crosscut jaw faces	Set of 4	5kN	420g	0-26mm
01/4279	30mm x 80mm wave jaw faces	Set of 4	5kN	390g	0-26mm
01/4280	30mm x 80mm diamond jaw faces	Set of 4	5kN	430g	0-26mm
01/4281	30mm x 100mm plain jaw faces	Set of 4	5kN	540g	0-26mm
01/4282	30mm x 100mm rubber jaw faces	Set of 4	5kN	550g	0-24mm
01/4283	30mm x 100mm crosscut jaw faces	Set of 4	5kN	530g	0-26mm
01/4284	30mm x 100mm wave jaw faces	Set of 4	5kN	510g	0-26mm
01/4285	30mm x 100mm diamond jaw faces	Set of 4	5kN	540g	0-26mm
01/4286	Carrier quick fit backing to enable quick jaw face changes	Set of 4	5kN	180g	
01/4287	30mm x 50mm plain jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm
01/4288	30mm x 50mm rubber jaw faces for use with 01/4286	Set of 4	5kN	140g	0-18mm
01/4289	30mm x 50mm crosscut jaw faces for use with 01/4286	Set of 4	5kN	130g	0-20mm
01/4290	30mm x 50mm diamond jaw faces for use with 01/4286	Set of 4	5kN	140g	0-20mm





01/4286 Carrier Jaw Set



Manual operated vice grips

A vice grip with manual tightening action by T-bar, grip is dual action and allows for offset sample alignment for shear testing

Ideal for all types of samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

Temperature range 0 – to +180° C

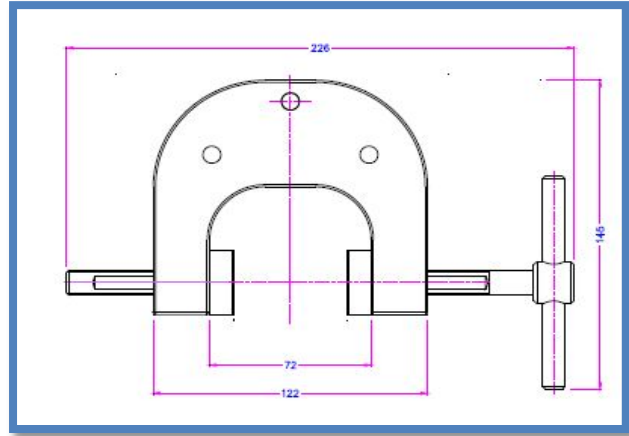
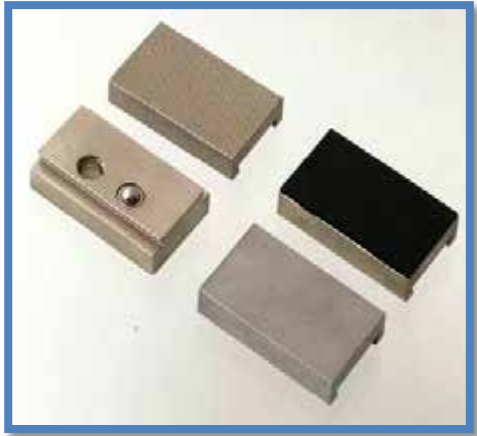
Pneumatic versions available

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4266	Vice grip, 0 – 50mm opening, without faces	Pair	1.3kg	5kN	5/8 inch

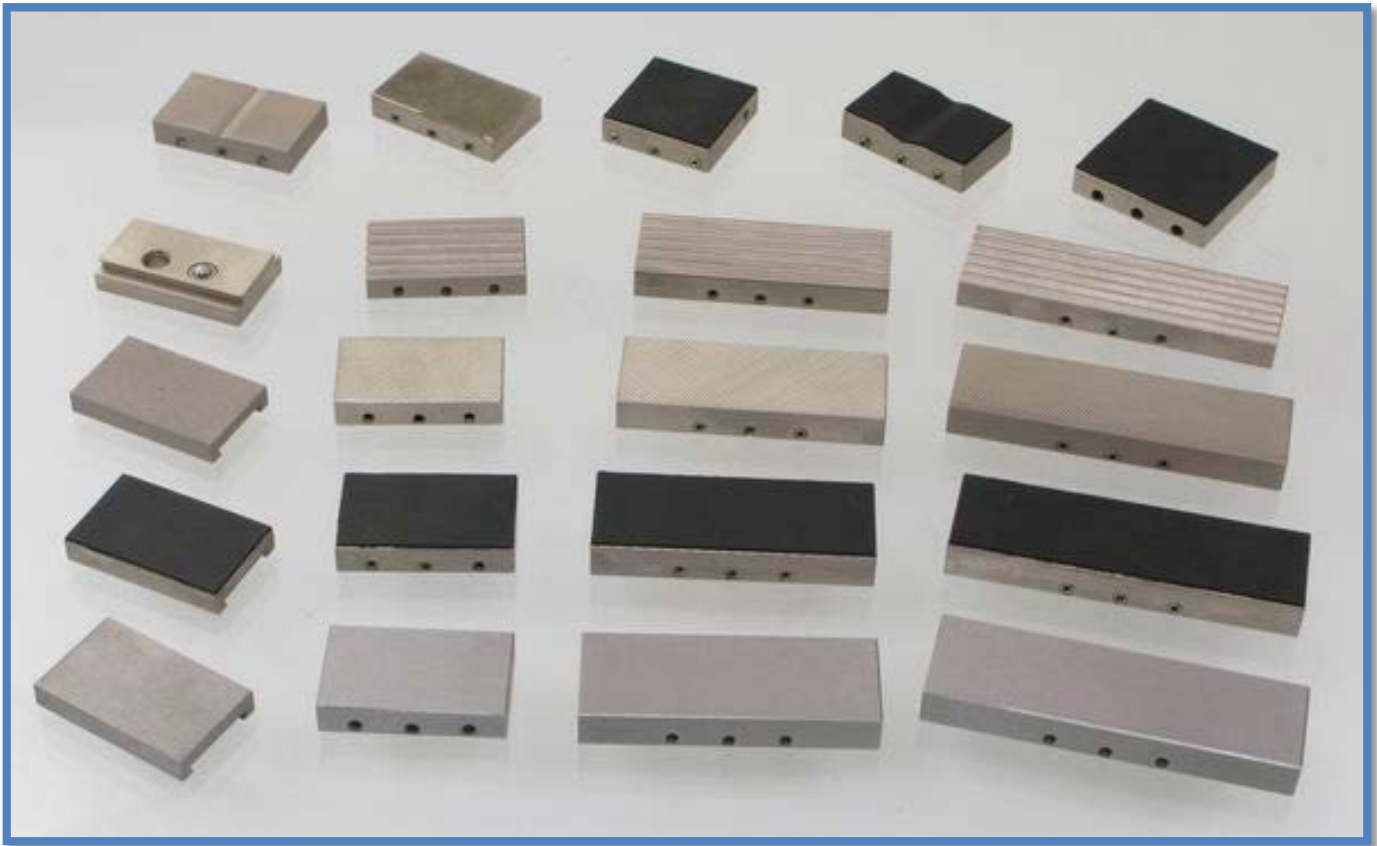
Face Options

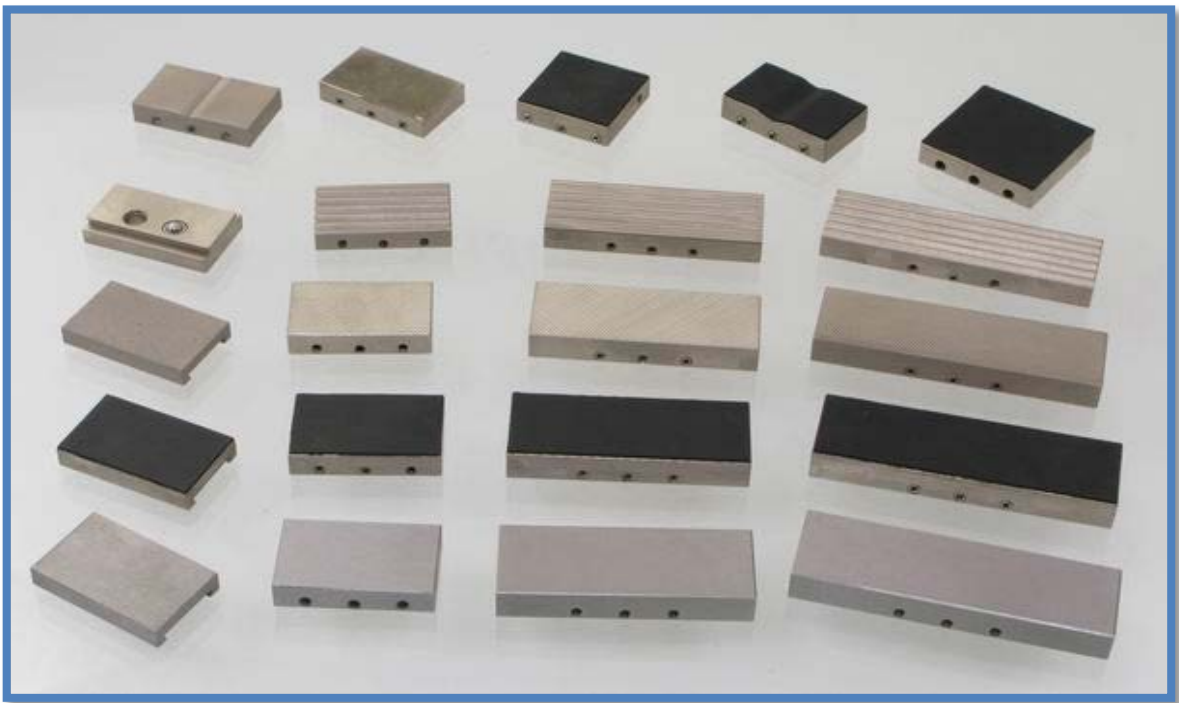
Part Number	Description	Quantity	Rating	Weight	Opening
01/4268	Quick release lever	Single	5kN		
01/4269	30mm x 50mm plain jaw faces	Set of 4	5kN	220g	0-50mm
01/4270	30mm x 50mm rubber jaw faces	Set of 4	5kN	220g	0-50mm
01/4271	30mm x 50mm crosscut jaw faces	Set of 4	5kN	210g	0-50mm
01/4272	30mm x 50mm wave jaw faces	Set of 4	5kN	200g	0-50mm
01/4273	30mm x 50mm V-notch jaw faces	Set of 4	5kN	220g	Ø 2-50mm
01/4274	30mm x 50mm V-notch jaw faces	Set of 4	5kN	250g	Ø 5-50mm
01/4275	30mm x 50mm diamond jaw faces	Set of 4	5kN	220g	0-50mm
01/4276	30mm x 80mm plain jaw faces	Set of 4	5kN	430g	0-48mm
01/4277	30mm x 80mm rubber jaw faces	Set of 4	5kN	440g	0-46mm
01/4278	30mm x 80mm crosscut jaw faces	Set of 4	5kN	420g	0-48mm
01/4279	30mm x 80mm wave jaw faces	Set of 4	5kN	390g	0-48mm
01/4280	30mm x 80mm diamond jaw faces	Set of 4	5kN	430g	0-48mm
01/4281	30mm x 100mm plain jaw faces	Set of 4	5kN	540g	0-48mm
01/4282	30mm x 100mm rubber jaw faces	Set of 4	5kN	550g	0-46mm
01/4283	30mm x 100mm crosscut jaw faces	Set of 4	5kN	530g	0-48mm
01/4284	30mm x 100mm wave jaw faces	Set of 4	5kN	510g	0-48mm
01/4285	30mm x 100mm diamond jaw faces	Set of 4	5kN	540g	0-48mm
01/4286	Carrier quick fit backing to enable quick jaw face changes	Set of 4	5kN	180g	
01/4287	30mm x 50mm plain jaw faces for use with 01/4286	Set of 4	5kN	140g	0-30mm
01/4288	30mm x 50mm rubber jaw faces for use with 01/4286	Set of 4	5kN	140g	0-30mm
01/4289	30mm x 50mm crosscut jaw faces for use with 01/4286	Set of 4	5kN	130g	0-30mm
01/4290	30mm x 50mm diamond jaw faces for use with 01/4286	Set of 4	5kN	140g	0-30mm





01/4287 Carrier Jaw Set





Vice Grips

Manual operated vice grips

A vice grip with manual tightening action by T-bar, grip is dual action and allows for offset sample alignment for shear testing. The opening of this grip makes it suitable for very large samples the faces are fitted to guides to enable the large opening

Ideal for all types of samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium

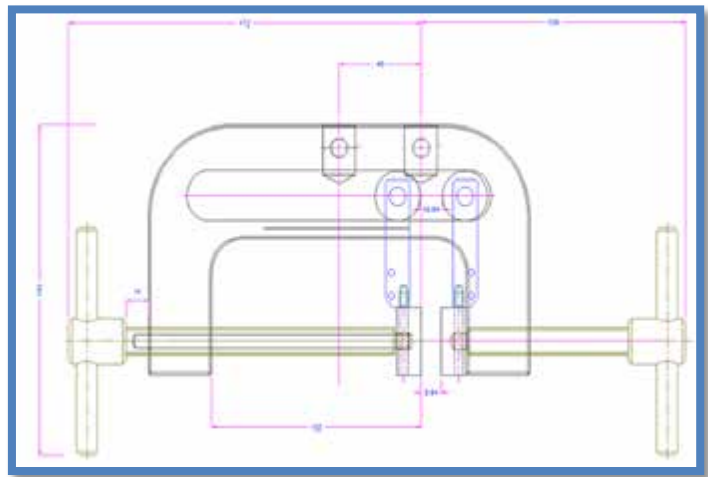
Temperature range 0 – to +180° C

Pneumatic versions available

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4267	Vice grip, 0 – 100mm opening, without faces	Pair	2.22kg	5kN	5/8 inch

Face Options

Part Number	Description	Quantity	Rating	Weight	Opening
01/4276	30mm x 80mm plain jaw faces	Set of 4	5kN	430g	10-100mm
01/4277	30mm x 80mm rubber jaw faces	Set of 4	5kN	440g	8-98mm
01/4278	30mm x 80mm crosscut jaw faces	Set of 4	5kN	420g	10-100mm
01/4279	30mm x 80mm wave jaw faces	Set of 4	5kN	390g	10-100mm
01/4280	30mm x 80mm diamond jaw faces	Set of 4	5kN	430g	10-100mm
01/4281	30mm x 100mm plain jaw faces	Set of 4	5kN	540g	10-100mm
01/4282	30mm x 100mm rubber jaw faces	Set of 4	5kN	550g	8-98mm
01/4283	30mm x 100mm crosscut jaw faces	Set of 4	5kN	530g	10-100mm
01/4284	30mm x 100mm wave jaw faces	Set of 4	5kN	510g	10-100mm
01/4285	30mm x 100mm diamond jaw faces	Set of 4	5kN	540g	10-100mm



Vice Grips

Manual operated vice grips

A vice grip with manual tightening action either by thumb screw or T-bar, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium anodized

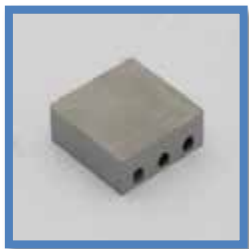
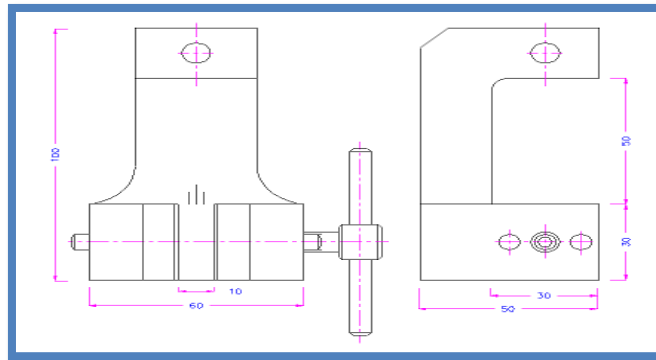
Temperature range 0 – to +180° C

Pneumatic versions available

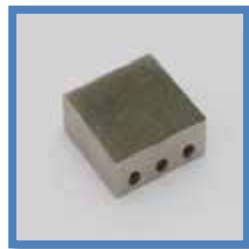
Part Number	Description	Quantity	Weight	Rating	Fixing
01/4291	Vice grip, 0 – 10mm opening without faces	Pair	390g	1kN	5/8 inch

Face Options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4292	30mm x 30mm, plain jaw faces	0-10mm	Set of 4	1kN	130g
01/4293	30mm x 30mm, rubber jaw faces	0-8mm	Set of 4	1kN	130g
01/4294	30mm x 30mm, crosscut jaw faces	0-10mm	Set of 4	1kN	120g
01/4295	30mm x 30mm, V-notch jaw faces	Ø 2-10mm	Set of 4	1kN	130g
01/4296	30mm x 30mm, V-notch jaw faces	Ø 3-10mm	Set of 4	1kN	130g
01/4297	30mm x 30mm, wave jaw faces	0-10mm	Set of 4	1kN	120g
01/4298	30mm x 30mm, diamond jaw faces	0-10mm	Set of 4	1kN	130g
01/4299	Carrier quick fit backing to enable quick jaw face changes		Set of 4	1kN	120g
01/4300	30mm x 36mm, plain faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4301	30mm x 36mm, rubber faces for use with 01/4299	0-2mm	Set of 4	1kN	60g
01/4302	30mm x 36mm, crosscut faces for use with 01/4299	0-4mm	Set of 4	1kN	60g
01/4303	30mm x 36mm, diamond faces for use with 01/4299	0-4mm	Set of 4	1kN	60g



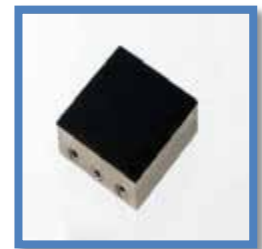
Plain Faces –steel
Suitable for own treatment



Diamond Faces
Synthetic diamond coated



Wave Faces
5mm wave
Hardened steel 58HRC



Rubber Faces
1mm NBR rubber

Vice Grips

Manual operated vice grips

A of vice grip with manual tightening action either by thumb screw or T-bar, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium anodized

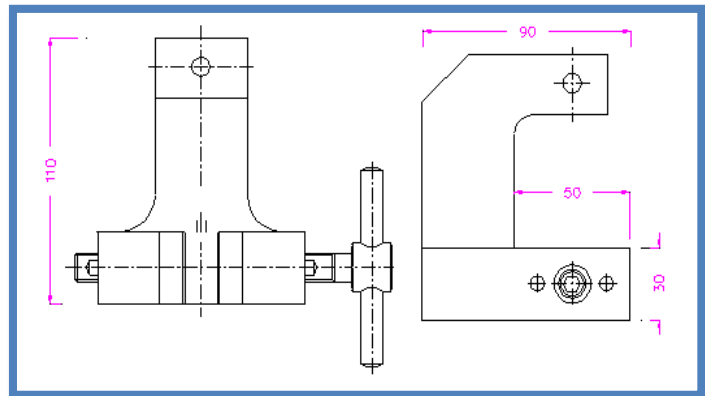
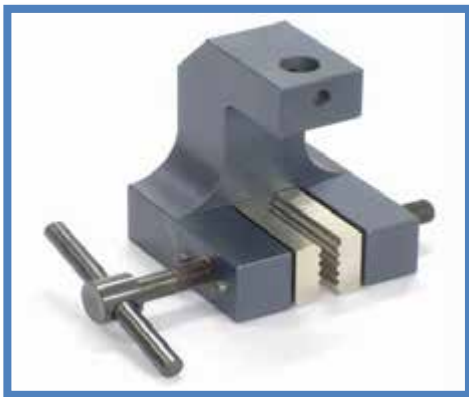
Temperature range 0 – to +180° C

Pneumatic versions available

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4304	Vice grip, 0 – 15mm opening without faces	Pair	1.7kg	5kN	5/8 inch

Face Options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4305	Quick release lever for	N/A	Single	5kN	N/A
01/4306	30mm x 50mm, plain jaw faces	0-15mm	Set of 4	5kN	220g
01/4307	30mm x 50mm, rubber jaw faces	0-13mm	Set of 4	5kN	220g
01/4308	30mm x 50mm, crosscut jaw faces	0-15mm	Set of 4	5kN	210g
01/4309	30mm x 50mm, V-notch jaw faces	Ø 2-15mm	Set of 4	5kN	220g
01/4310	30mm x 50mm, V-notch jaw faces	Ø 5-11mm	Set of 4	5kN	260g
01/4311	30mm x 50mm, wave jaw faces	0-15mm	Set of 4	5kN	200g
01/4312	30mm x 50mm, diamond jaw faces	0-15mm	Set of 4	5kN	220g
01/4313	Carrier quick fit backing to enable quick jaw face changes		Set of 4	5kN	180g
01/4314	30mm x 50mm, plain faces for use with 01/4313	0-5mm	Set of 4	5kN	140g
01/4315	30mm x 50mm, rubber faces for use with 01/4313	0-3mm	Set of 4	5kN	140g
01/4316	30mm x 50mm, crosscut faces for use with 01/4313	0-5mm	Set of 4	5kN	130g
01/4317	30mm x 50mm, diamond faces for use with 01/4313	0-5mm	Set of 4	5kN	140g



Vice Grips

Manual operated vice grips

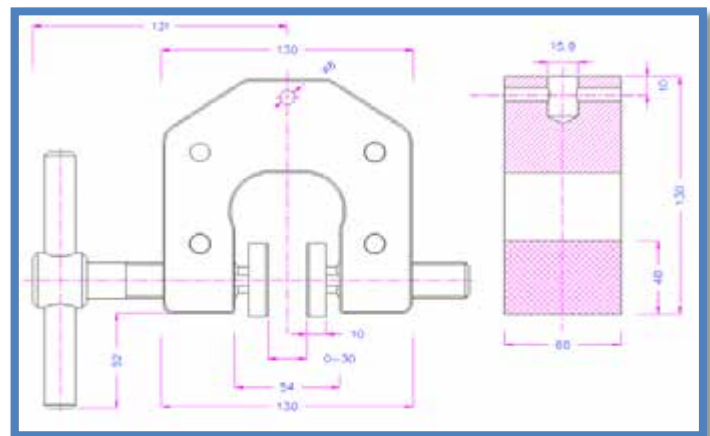
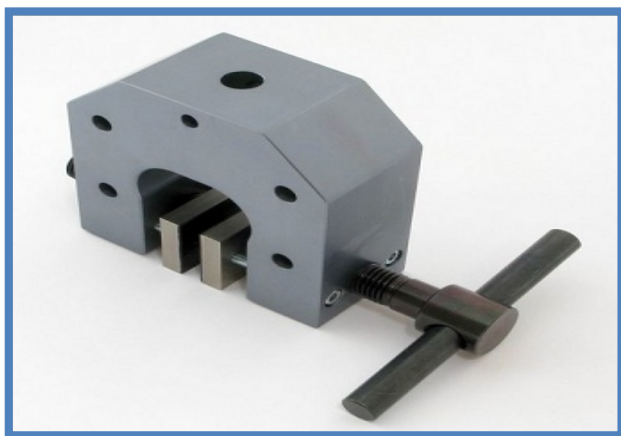
A vice grip with manual tightening action either by thumb screw or T-bar, grips are single action or dual action and allow for offset sample alignment for shear testing
Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Aluminium anodized
Temperature range 0 – to +180° C

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4318	Vice grip, without faces, aluminum	Pair	2.36kg	10kN	5/8 inch

Face Options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4320	40mm x 60mm, plain jaw faces	0-34mm	Set of 4	20kN	350g
01/4321	40mm x 60mm, rubber jaw faces	0-32mm	Set of 4	20kN	360g
01/4322	40mm x 60mm, crosscut jaw faces	0-34mm	Set of 4	20kN	330g
01/4323	40mm x 60mm, V-notch jaw faces, 40mm clamp surface	4-30mm Ø	Set of 4	20kN	350g
01/4324	40mm x 60mm, V-notch jaw faces, 40mm clamp surface	8-34mm Ø	Set of 4	20kN	320g
01/4325	40mm x 60mm, wave jaw faces	0-34mm	Set of 4	20kN	320g
01/4326	40mm x 60mm, diamond jaw faces	0-34mm	Set of 4	20kN	350g
01/4327	40mm x 100mm, plain jaw faces	0-30mm	Set of 4	20kN	720g
01/4328	40mm x 100mm, rubber jaw faces	0-28mm	Set of 4	20kN	740g
01/4329	40mm x 100mm, crosscut jaw faces	0-30mm	Set of 4	20kN	690g
01/4330	40mm x 100mm, wave jaw faces	0-30mm	Set of 4	20kN	660g
01/4331	40mm x 100mm, diamond jaw faces	0-30mm	Set of 4	20kN	720g
01/4332	40mm x 200mm, wave jaw faces	0-22mm	Set of 4	20kN	3kg
01/4333	Carrier quick fit backing to enable jaw face changes 50x60		Set of 4	20kN	330g
01/4334	40mm x 60mm, plain jaw faces, for use with 01/4333	0-22mm	Set of 4	20kN	290g
01/4335	40mm x 60mm, rubber jaw faces, for use with 01/4333	0-22mm	Set of 4	20kN	300g
01/4336	40mm x 60mm, crosscut jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	280g
01/4337	40mm x 60mm, wave jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	260g
01/4338	40mm x 60mm, diamond jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	290g
01/4339	Carrier quick fit backing to enable jaw face changes 50x100		Set of 4	20kN	690g
01/4340	40mm x 100mm, plain jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	630g
01/4341	40mm x 100mm, rubber jaw faces, for use with 01/4339	0-14mm	Set of 4	20kN	650g
01/4342	40mm x 100mm, crosscut jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	600g
01/4343	40mm x 100mm, wave jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	570g
01/4344	40mm x 100mm, diamond jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	630g



Vice Grips

Manual operated vice grips

A vice grip with manual tightening action either by thumb screw or T-bar, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

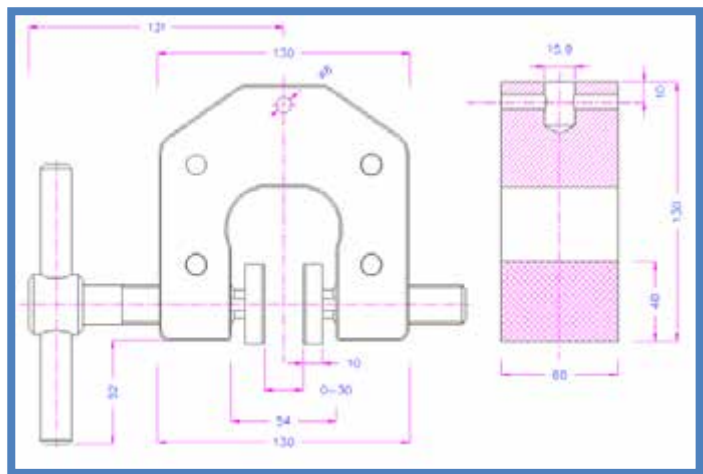
Steel, manganese phosphate

Possible Temperature range 0 – to +350°C

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4319	Vice grip, without faces, steel	Pair	5kg	20kN	5/8 inch

Face Options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4320	40mm x 60mm, plain jaw faces	0-34mm	Set of 4	20kN	350g
01/4321	40mm x 60mm, rubber jaw faces	0-32mm	Set of 4	20kN	360g
01/4322	40mm x 60mm, crosscut jaw faces	0-34mm	Set of 4	20kN	330g
01/4323	40mm x 60mm, V-notch jaw faces, 40mm clamp surface	4-30mm Ø	Set of 4	20kN	350g
01/4324	40mm x 60mm, V-notch jaw faces, 40mm clamp surface	8-34mm Ø	Set of 4	20kN	320g
01/4325	40mm x 60mm, wave jaw faces	0-34mm	Set of 4	20kN	320g
01/4326	40mm x 60mm, diamond jaw faces	0-34mm	Set of 4	20kN	350g
01/4327	40mm x 100mm, plain jaw faces	0-30mm	Set of 4	20kN	720g
01/4328	40mm x 100mm, rubber jaw faces	0-28mm	Set of 4	20kN	740g
01/4329	40mm x 100mm, crosscut jaw faces	0-30mm	Set of 4	20kN	690g
01/4330	40mm x 100mm, wave jaw faces	0-30mm	Set of 4	20kN	660g
01/4331	40mm x 100mm, diamond jaw faces	0-30mm	Set of 4	20kN	720g
01/4332	40mm x 200mm, wave jaw faces	0-22mm	Set of 4	20kN	3kg
01/4333	Carrier quick fit backing to enable jaw face changes 50x60		Set of 4	20kN	330g
01/4334	40mm x 60mm, plain jaw faces, for use with 01/4333	0-22mm	Set of 4	20kN	290g
01/4335	40mm x 60mm, rubber jaw faces, for use with 01/4333	0-22mm	Set of 4	20kN	300g
01/4336	40mm x 60mm, crosscut jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	280g
01/4337	40mm x 60mm, wave jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	260g
01/4338	40mm x 60mm, diamond jaw faces, for use with 01/4333	0-24mm	Set of 4	20kN	290g
01/4339	Carrier quick fit backing to enable jaw face changes 50x100		Set of 4	20kN	690g
01/4340	40mm x 100mm, plain jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	630g
01/4341	40mm x 100mm, rubber jaw faces, for use with 01/4339	0-14mm	Set of 4	20kN	650g
01/4342	40mm x 100mm, crosscut jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	600g
01/4343	40mm x 100mm, wave jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	570g
01/4344	40mm x 100mm, diamond jaw faces, for use with 01/4339	0-16mm	Set of 4	20kN	630g



Vice Grips

Manual operated vice grips

A heavy duty vice grip with manual tightening recommended using a spanner or wrench, grips are dual action and allow for offset sample alignment for shear testing

Ideal for all types of flat samples, rubber, plastic film, plastic dumbbells, paper and cardboard, sheet metal, foils, wood, fabrics and composites (depends on rating)

Grip faces allow for sample alignment devices to be fitted

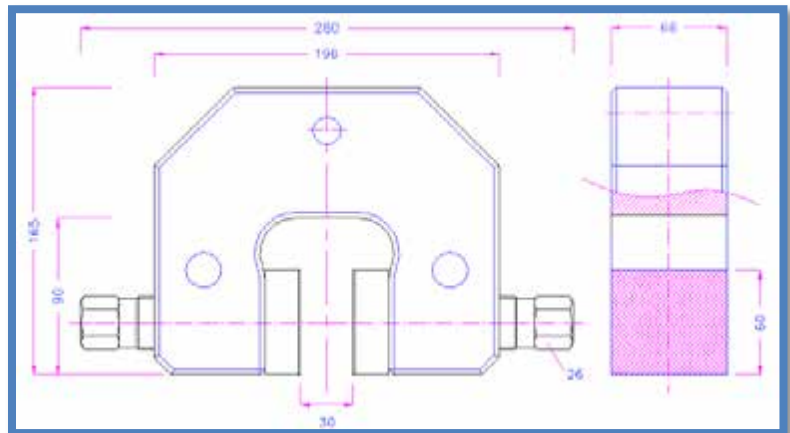
Steel, manganese phosphate

Temperature range 0 – to +180° C

Part Number	Description	Quantity	Weight	Rating	Fixing
01/4345	Vice grip, without faces	Pair	12kg	50kN	1 ¼ inch

Face Options

Part Number	Description	Opening	Quantity	Rating	Weight
01/4346	60mm x 66mm, plain jaw faces	0-30mm	Set of 4	50kN	1.2kg
01/4347	60mm x 66mm, crosscut jaw faces	0-30mm	Set of 4	50kN	1.1kg
01/4348	60mm x 66mm, V-notch jaw faces	5-30mm Ø	Set of 4	50kN	1.1kg
01/4349	60mm x 66mm, wave jaw faces	0-30mm	Set of 4	50kN	1.1kg
01/4350	60mm x 66mm, diamond jaw faces	0-30mm	Set of 4	50kN	1.1kg
01/4351	70mm x 210mm, plain jaw faces	0-10mm	Set of 4	50kN	6.6kg
01/4352	70mm x 210mm, crosscut jaw faces	0-10mm	Set of 4	50kN	6.6kg
01/4353	70mm x 210mm, wave jaw faces	0-10mm	Set of 4	50kN	6.4kg



Wedge Grips

Self Tightening wedge action grips

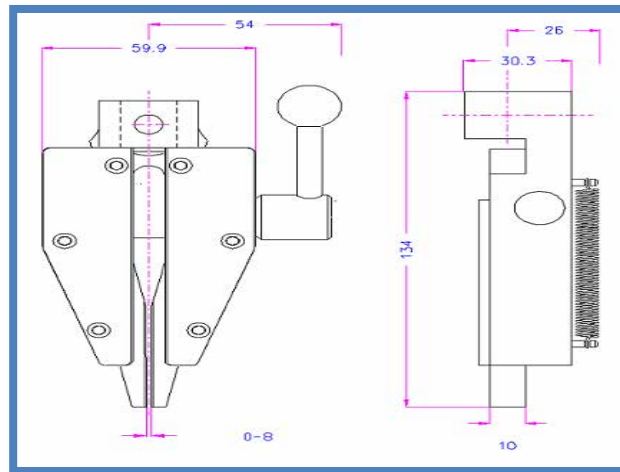
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4644	Wedge grip without faces	0.9kg	5kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4645	40mm x 10mm crosscut faces for 01/4644	0-10mm	Set of 4	2kN
01/4646	V-Notch faces, 2mm – 10mm Ø samples for 01/4644	2-10mm	Set of 4	2kN



Wedge Grips

Self Tightening wedge action grips

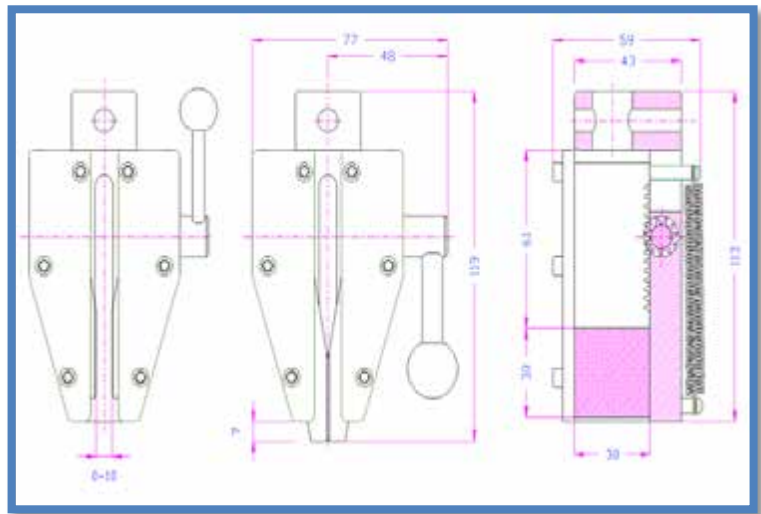
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4647	Wedge grip without faces	1.36kg	10kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4648	30mm x 30mm crosscut faces for 01/4647	0-10mm	Set of 4	5kN
01/4649	V-Notch faces, 2mm – 10mm Ø samples for 01/4647	2-10mm	Set of 4	5kN



Wedge Grips

Self Tightening wedge action grips

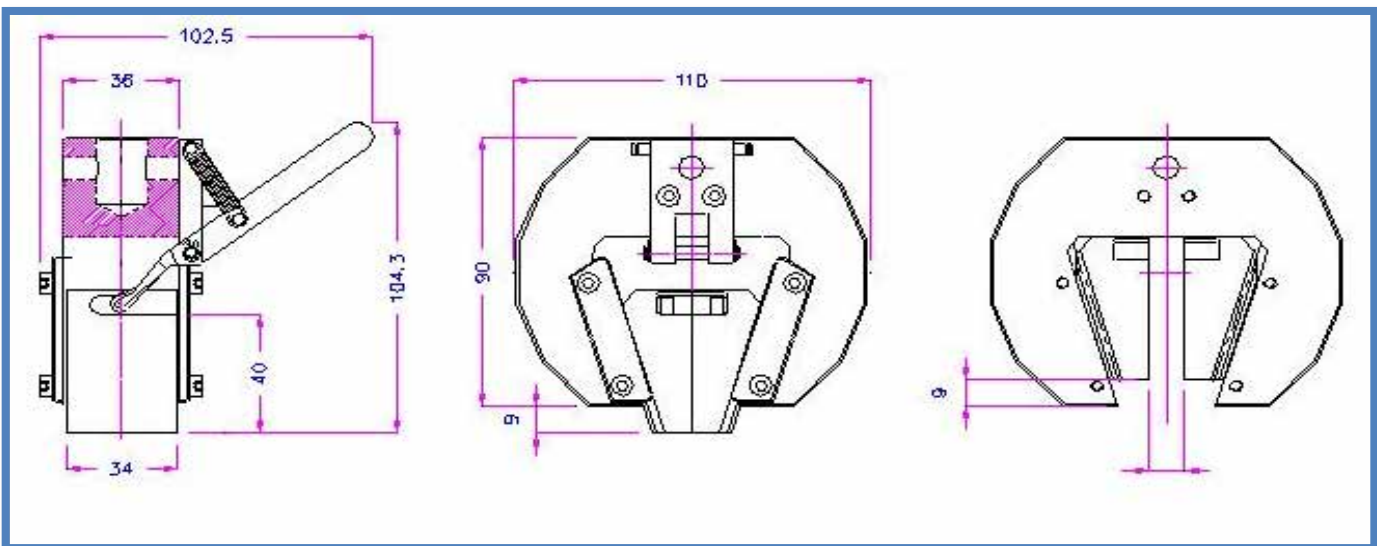
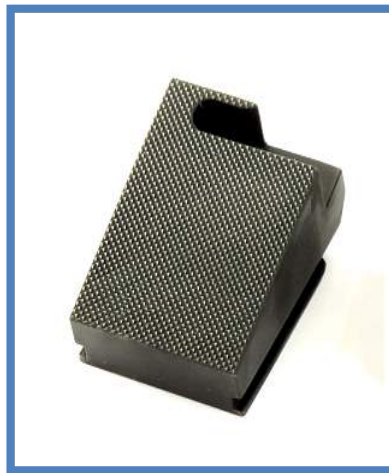
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4650	Wedge grip, lever actuated without faces	1.83kg	10kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4651	34mm x 40mm Crosscut Jaws	0-9mm	Set of 4	10kN
01/4774	V-Notch faces, clamping height 40mm	3-9mm	Set of 4	10kN



Wedge Grips

Self Tightening wedge action grips

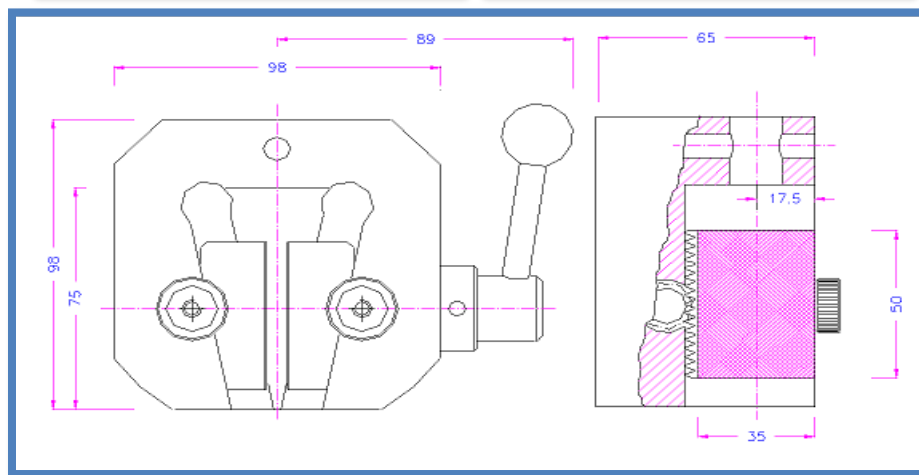
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4652	Wedge grip without faces	3.8kg	20kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4656	50mm x 35mm crosscut jaw faces	0-13mm	Set of 4	20kN
01/4557	50mm x 35mm crosscut jaw faces	4-16mm	Set of 4	20kN
01/4658	V-Notch faces, 50mm long, 3mm to 13mm Ø samples	3-13mm	Set of 4	50kN
01/4659	V-Notch faces, 50mm long, 4mm to 16mm Ø samples	4-16mm	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

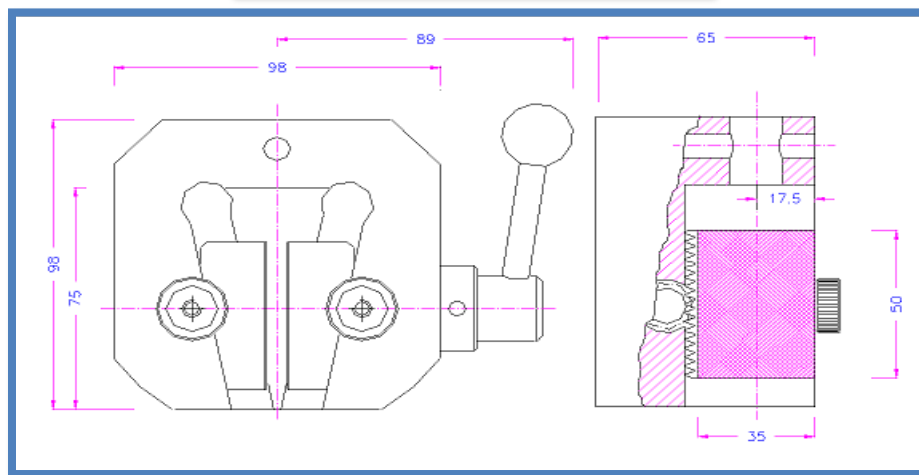
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, Nickel Plated
Temperature range -70 – to +280° C

Part Number	Description	Weight	Rating	Fixing
01/4653	Wedge grip without faces, extended temperature range	3.8kg	20kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4656	50mm x 35mm crosscut jaw faces	0-13mm	Set of 4	20kN
01/4557	50mm x 35mm crosscut jaw faces	4-16mm	Set of 4	20kN
01/4658	V-Notch faces, 50mm long, 3mm to 13mm Ø samples	3-13mm	Set of 4	50kN
01/4659	V-Notch faces, 50mm long, 4mm to 16mm Ø samples	4-16mm	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

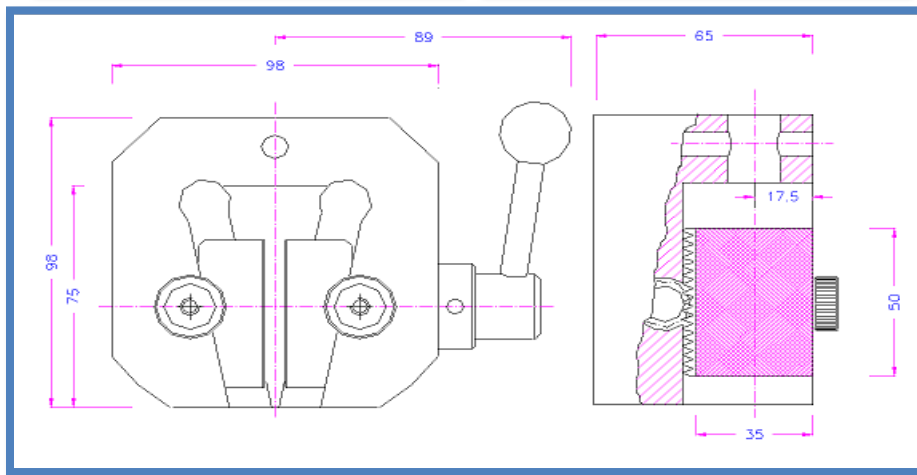
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4654	Wedge grip without faces	6.75kg	50kN	1 ¼ inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4656	50mm x 35mm crosscut jaw faces	0-13mm	Set of 4	20kN
01/4557	50mm x 35mm crosscut jaw faces	4-16mm	Set of 4	20kN
01/4658	V-Notch faces, 50mm long, 3mm to 13mm Ø samples	3-13mm	Set of 4	50kN
01/4659	V-Notch faces, 50mm long, 4mm to 16mm Ø samples	4-16mm	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

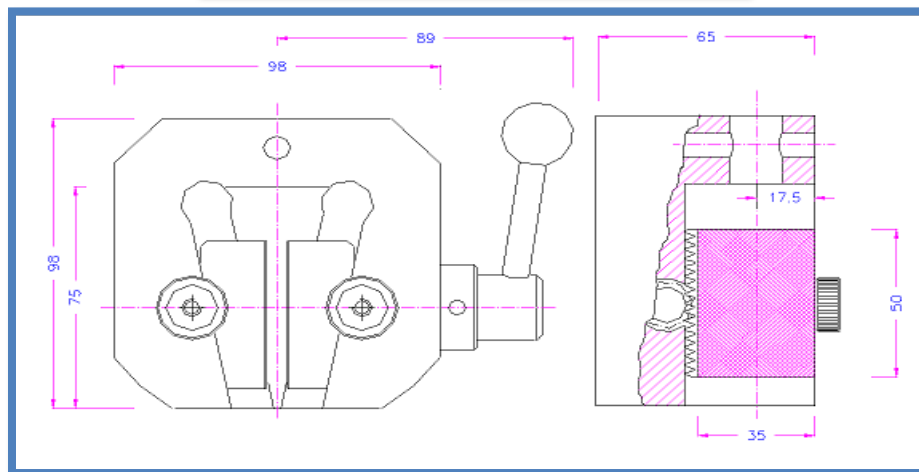
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, Nickel Plated
Temperature range -70 – to +280° C

Part Number	Description	Weight	Rating	Fixing
01/4655	Wedge grip without faces, extended temperature range	6.75kg	50kN	1 ¼ inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4656	50mm x 35mm crosscut jaw faces	0-13mm	Set of 4	20kN
01/4557	50mm x 35mm crosscut jaw faces	4-16mm	Set of 4	20kN
01/4658	V-Notch faces, 50mm long, 3mm to 13mm Ø samples	3-13mm	Set of 4	50kN
01/4659	V-Notch faces, 50mm long, 4mm to 16mm Ø samples	4-16mm	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

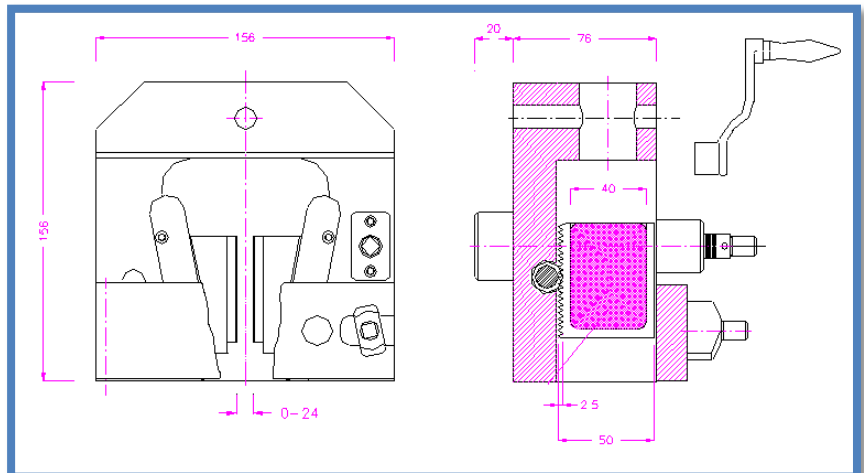
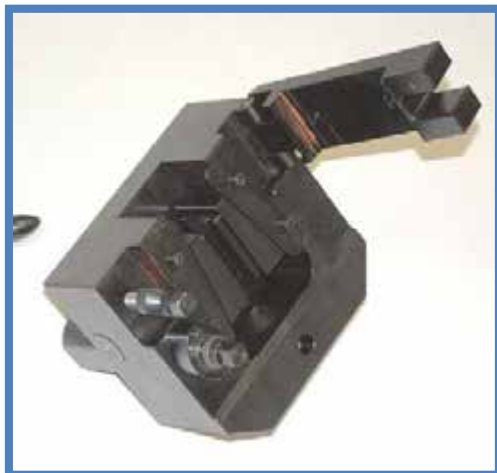
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4660	Wedge grip without faces	11kg	50kN	1 ¼ inch

Face options

Part Number	Description	Quantity	Rating
01/4662	Carrier insert for insert jaw sets	Set of 4	50kN
01/4663	Crosscut faces for samples 0mm to 17mm thick	Set of 4	50kN
01/4664	Crosscut faces for samples 3mm to 21mm thick	Set of 4	50kN
01/4665	Crosscut faces for samples 8mm to 26mm thick	Set of 4	50kN
01/4666	V-Notch faces for samples 4mm to 17mm diameter	Set of 4	50kN
01/4667	V-Notch faces for samples 8mm to 21mm diameter	Set of 4	50kN
01/4668	V-Notch faces for samples 13mm to 26mm diameter	Set of 4	50kN
01/4669	Diamond coated faces for samples 0mm to 17mm thick	Set of 4	50kN
01/4670	Diamond coated faces for samples 3mm to 21mm thick	Set of 4	50kN
01/4671	Crosscut coated faces for samples 8mm to 26mm thick	Set of 4	50kN
01/4672	Crosscut faces for samples 0mm to 20mm thick	Set of 4	50kN
01/4673	Crosscut faces for samples 10mm to 30mm thick	Set of 4	50kN
01/4674	Crosscut faces for samples 20mm to 40mm thick	Set of 4	50kN
01/4675	V-Notch faces for samples 4mm to 20mm diameter	Set of 4	50kN
01/4676	V-Notch faces for samples 12mm to 30mm diameter	Set of 4	50kN
01/4677	V-Notch faces for samples 24mm to 40mm diameter	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

A motorised version of the 01/4660

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4661	Motorised wedge grip without faces	12.5kg	50kN	1 ¼ inch

Face options

Part Number	Description	Quantity	Rating
01/4662	Carrier insert for insert jaw sets	Set of 4	50kN
01/4663	Crosscut faces for samples 0mm to 17mm thick	Set of 4	50kN
01/4664	Crosscut faces for samples 3mm to 21mm thick	Set of 4	50kN
01/4665	Crosscut faces for samples 8mm to 26mm thick	Set of 4	50kN
01/4666	V-Notch faces for samples 4mm to 17mm diameter	Set of 4	50kN
01/4667	V-Notch faces for samples 8mm to 21mm diameter	Set of 4	50kN
01/4668	V-Notch faces for samples 13mm to 26mm diameter	Set of 4	50kN
01/4669	Diamond coated faces for samples 0mm to 17mm thick	Set of 4	50kN
01/4670	Diamond coated faces for samples 3mm to 21mm thick	Set of 4	50kN
01/4671	Crosscut coated faces for samples 8mm to 26mm thick	Set of 4	50kN
01/4672	Crosscut faces for samples 0mm to 20mm thick	Set of 4	50kN
01/4673	Crosscut faces for samples 10mm to 30mm thick	Set of 4	50kN
01/4674	Crosscut faces for samples 20mm to 40mm thick	Set of 4	50kN
01/4675	V-Notch faces for samples 4mm to 20mm diameter	Set of 4	50kN
01/4676	V-Notch faces for samples 12mm to 30mm diameter	Set of 4	50kN
01/4677	V-Notch faces for samples 24mm to 40mm diameter	Set of 4	50kN



Wedge Grips

Self Tightening wedge action grips

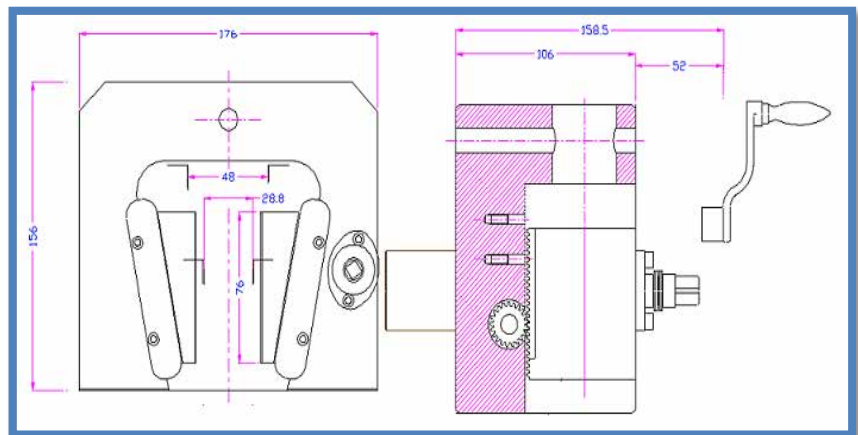
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4678	Wedge grip without faces for sample up to 50mm x 50mm	24kg	50kN	1 ¼ inch

Face options

Part Number	Description	Quantity	Rating
01/4679	Carrier insert for insert jaw sets	Set of 4	50kN
01/4680	Crosscut inserts for samples 0mm to 20mm thick	Set of 4	50kN
01/4681	Crosscut inserts for samples 10mm to 30mm thick	Set of 4	50kN
01/4682	Crosscut inserts for samples 20mm to 40mm thick	Set of 4	50kN
01/4683	Crosscut inserts for samples 28mm to 48mm thick	Set of 4	50kN
01/4684	V-Notch inserts for samples 6mm to 20mm diameter	Set of 4	50kN
01/4685	V-Notch inserts for samples 16mm to 30mm diameter	Set of 4	50kN
01/4686	V-Notch inserts for samples 26mm to 40mm diameter	Set of 4	50kN
01/4687	76mm x60mm crosscut faces for samples 0mm to 20mm diameter	Set of 4	50kN
01/4688	76mm x60mm crosscut faces for samples 20mm to 40mm diameter	Set of 4	50kN
01/4689	76mm x60mm crosscut faces for samples 40mm to 60mm diameter	Set of 4	50kN
01/4690	V-Notch faces for samples 6mm to 20mm diameter	Set of 4	50kN
01/4691	V-Notch faces for samples 16mm to 30mm diameter	Set of 4	50kN
01/4692	V-Notch faces for samples 26mm to 40mm diameter	Set of 4	50kN
01/4693	V-Notch faces for samples 36mm to 50mm diameter	Set of 4	50kN



Wedge Grips

Screw tightening wedge action grips

A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

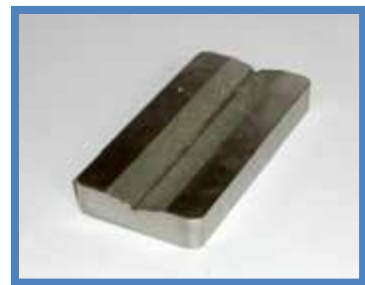
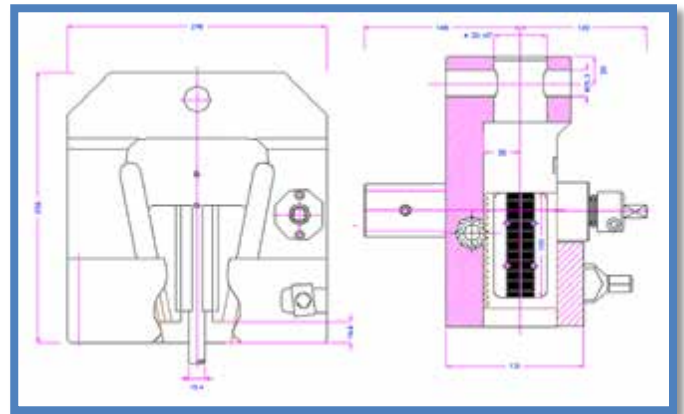
Part Number	Description	Weight	Rating	Fixing
01/4694	Wedge grip without faces	46kg	100kN	1 ¼ inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4696	60mm x 110mm crosscut jaw faces	0-30mm	Set of 4	150kN
01/4697	60mm x 110mm crosscut jaw faces	26-50mm	Set of 4	150kN
01/4698	V-Notch faces for 6mm to 30mm diameter samples	6-30mm	Set of 4	150kN
01/4699	V-Notch faces for 30mm to 50mm diameter samples	30-50mm	Set of 4	150kN
01/4700	Carrier insert for insert jaw sets	N/A	Set of 4	150kN
01/4701	100mm x 50mm, crosscut inserts for 01/4700	0-30mm	Set of 4	150kN
01/4702	100mm x 50mm, crosscut inserts for 01/4700	4-34mm	Set of 4	150kN
01/4703	100mm x 50mm, crosscut inserts for 01/4700	10-40mm	Set of 4	150kN
01/4704	100mm x 50mm, crosscut inserts for 01/4700	20-50mm	Set of 4	150kN
01/4705	V-Notch faces for 6mm to 34mm diameter samples	N/A	Set of 4	150kN
01/4706	V-Notch faces for 12mm to 40mm diameter samples	N/A	Set of 4	150kN
01/4707	V-Notch faces for 16mm to 44mm diameter samples	N/A	Set of 4	150kN



01/4694



Wedge Grips

Screw tightening wedge action grips

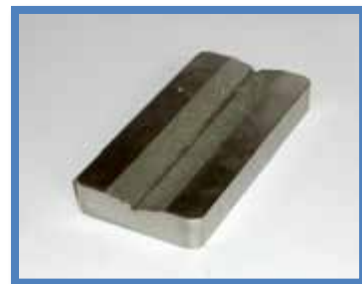
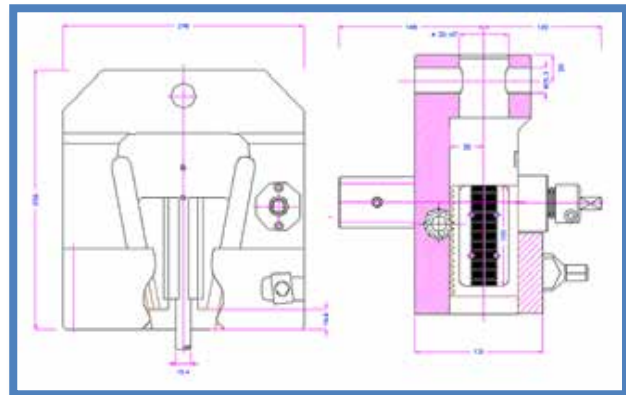
A range of wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4695	Wedge grip without faces	50kg	150kN	50mm

Face options

Part Number	Description	Opening	Quantity	Rating
01/4696	60mm x 110mm crosscut jaw faces	0-30mm	Set of 4	150kN
01/4697	60mm x 110mm crosscut jaw faces	26-50mm	Set of 4	150kN
01/4698	V-Notch faces for 6mm to 30mm diameter samples	6-30mm	Set of 4	150kN
01/4699	V-Notch faces for 30mm to 50mm diameter samples	30-50mm	Set of 4	150kN
01/4700	Carrier insert for insert jaw sets	N/A	Set of 4	150kN
01/4701	100mm x 50mm, crosscut inserts for 01/4700	0-30mm	Set of 4	150kN
01/4702	100mm x 50mm, crosscut inserts for 01/4700	4-34mm	Set of 4	150kN
01/4703	100mm x 50mm, crosscut inserts for 01/4700	10-40mm	Set of 4	150kN
01/4704	100mm x 50mm, crosscut inserts for 01/4700	20-50mm	Set of 4	150kN
01/4705	V-Notch faces for 6mm to 34mm diameter samples	N/A	Set of 4	150kN
01/4706	V-Notch faces for 12mm to 40mm diameter samples	N/A	Set of 4	150kN
01/4707	V-Notch faces for 16mm to 44mm diameter samples	N/A	Set of 4	150kN



Wedge Grips

Capstan action wedge action grips

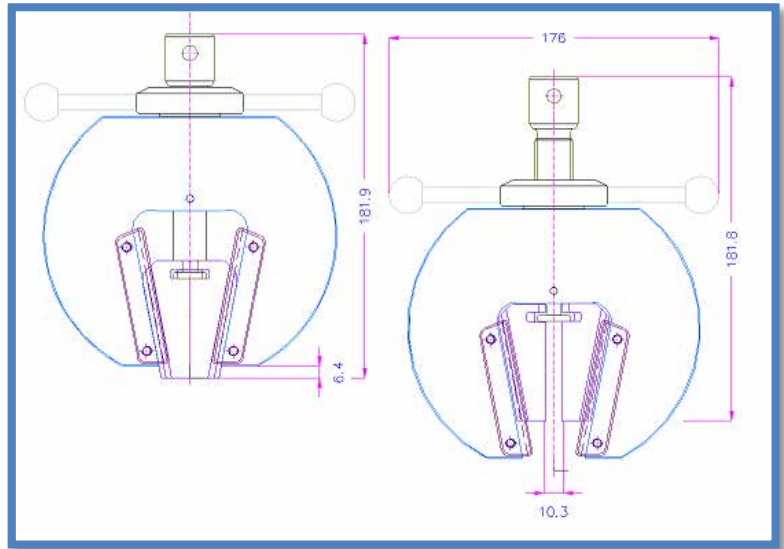
A range of capstan action wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4708	Capstan action wedge grip without faces	5kg	20kN	5/8 inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4709	40mm x 52mm crosscut faces for 01/4708	0-10mm	Set of 4	20kN
01/4710	V-Notch faces, 3mm to 10mm Ø samples for 01/4708	N/A	Set of 4	20kN



Wedge Grips

Capstan action wedge action grips

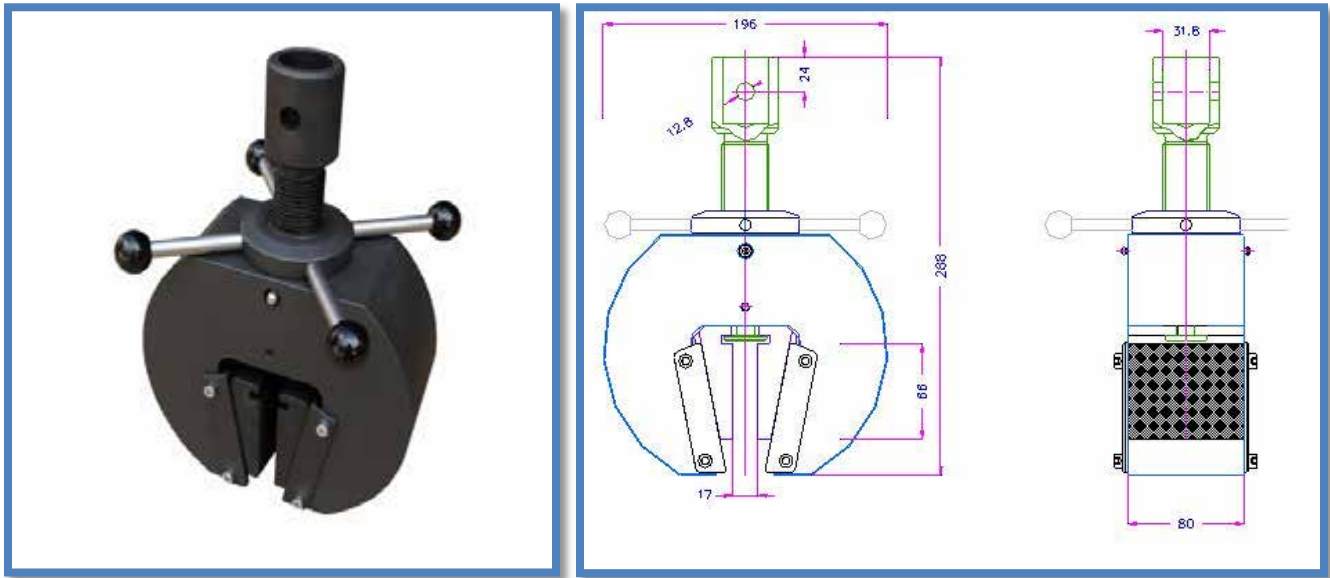
A range of capstan action wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4711	Capstan action wedge grip without faces	16kg	50kN	1 ¼ inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4712	66mm x 80mm crosscut faces for 01/4711	0-17mm	Set of 4	50kN
01/4713	V-Notch faces, 4mm to 17mm Ø samples for 01/4711	N/A	Set of 4	50kN



Wedge Grips

Capstan action wedge action grips

A range of capstan action wedge action grips for general tension testing of metals and plastic. The wedge design of the grip means the grip tightens on the sample as the force increases, initial force can be applied by various methods such as side lever, capstan action wheel or screw action. Faces are interchangeable for different samples types and dimensions.

Steel, manganese phosphate coated
Temperature range 0 – to +130° C

Part Number	Description	Weight	Rating	Fixing
01/4714	Capstan action wedge grip without faces	48kg	100kN	1 ¼ inch

Face options

Part Number	Description	Opening	Quantity	Rating
01/4715	96mm x 100mm crosscut faces for 01/4714	0-16mm	Set of 4	100kN
01/4716	V-Notch faces, 4mm to 16mm Ø samples for 01/4714	N/A	Set of 4	100kN

