

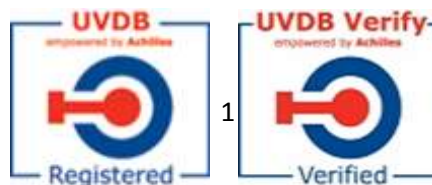


Caldertech Australia Pty Ltd

Caldertech Australia Products Catalogue
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THE DO`S & DON`TS OF ELECTROFUSION JOINTING.

PRE JOINTING CHECKS.

Always use equipment that is in good condition, regularly maintained and within its calibration/service period if appropriate.

Mechanical scraping tools should be used whenever possible, the cutting tips should be regularly inspected and swapped when worn.

Check that you have the correct positioning clamps, they are complete and in good condition.

Ensure that all tools and equipment are appropriate for the complete range of pipe sizes being joined.

Check that you have somewhere clean and dry to place tools and equipment during the jointing process.

When taking power from a portable generator, ensure that it is running correctly and has sufficient fuel to complete the fusion and cooling cycle.

Do not start the jointing process unless it can be completed in one operation.

Do`s

Fully understand the process of electrofusion (refer to pipe and fitting/equipment manufacturers' guidelines if in doubt.)

Use weather shelter and groundsheet to protect components being joined from contamination.

Use pipe end covers where possible.

Always enter your details into the fusion welder if the box requests this, your operator code and job reference will allow full traceability.

Always use positioning clamps and pipe end re-rounding tools to correctly prepare and assemble the joint.

Ensure Fusion welder output voltage is compatible with fitting.

Ensure pipe and fittings to be joined are compatible with each other.

Before assembling socket joints, cut pipe ends as square as possible, preferably using a mechanical pipe cutting device, ensure both pipe ends are "stabbed" fully into the socket and make contact with the fitting centre register.

Fully scrape the pipe or spigot ends to be joined using a mechanical scraping tool, the scraped length must exceed the insertion depth of the pipe, hatching the pipe surface to be removed with a marker pen helps to ensure complete removal.

Keep scraped surfaces clean and where possible assemble the joint immediately after scraping.

When using Fusamatic fittings in the automatic mode, ensure that the fusion welder is Fusamatic capable, and the polarity of the output chords connector plugs are connected correctly, i.e. red plug to red fitting pin.

Ensure that the fusion weld time shown on the Fusamatic fusion welder display matches the fusion time shown on the fitting or its packaging, if they are different, do not continue to weld, replace fitting with a new bagged fitting or input the fusion time manually.

It is permissible for the time shown on a fusion welder display to be slightly different from the time shown on the fitting or its packaging

Ensure the correct fusion time and cooling time are observed and adhered to.

Ensure that fusion indicators have risen by completion of weld cooling time, if not cut out weld and repeat. Drilling or cutting through a fitting or pipe should only be carried out following required quality inspections and pressure testing.

Don'ts

When using a portable generator, never start the engine with the fusion welder power chord connected to the power output sockets.

Do not commence an electrofusion joint unless it can be completed without interruption.

Do not attempt to use a fusion welder within an excavation.

When working within U.K. specification WIS 4-32-07 under no circumstances should a second fusion cycle be attempted on any fitting.

Incomplete, interrupted, failed or aborted fittings should always be cut out, bagged and recorded for submission to a supervisor for inspection.

Do not use dirty, contaminated or fittings from split or torn bags, or touch previously prepared surfaces.

Do not leave fittings out of their protective bags or remove them from their bags until immediately prior to use.

Avoid previously prepared surfaces from becoming wet or damp

Do not remove clamps from fittings until the cooling time has elapsed.

Do not remove integral cutters from self-tapping saddles once the connection has been drilled.

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Electrofusion control boxes

NOTES

1. The Fusion welders in this catalogue, unless noted otherwise, are supplied with a complimentary accessory kit as standard.
The kit consists of a USB data downloading stick with data decoding software appropriate to the accompanying fusion welder unit.
A set of output lead fitting connector plug adapters, either 4.0mm to 4.7mm or 4.7mm to 4.0mm.
A hand scraping tool.
The accessory kit is contained in the accessory pouch which also stores the barcode scanner or reader wand when supplied with barcode enabled fusion welder units.
2. All barcode enabled Calder & Proxima fusion welder units are supplied with a barcode scanner as standard, a barcode reading wand is available on request as an optional extra.
3. All Calder Pegasus & Proxima series models contain Calder Utility fusion weld data recording software and can be upgraded to contain Caldersafe fusion weld analysis software.
4. Recorded data can be downloaded via the supplied USB data stick
5. Proxima fusion welder units are offered with output leads permanently fixed to the main enclosure, detachable output leads with military spec. plugs & sockets are available as an alternative.
6. All fusion welder units are supplied complete with the appropriate 4.0mm, 4.7mm or 5.5mm output lead fitting connector plugs.

Calder Pegasus™ Series.

Pegasus™ General purpose fusion welder control unit



- Fusion data input from reading the fitting barcode with scanner or manual input of fusion time by pushbuttons.
- Calder utility - Historical fusion data memory capacity 2000 fusion cycles downloadable onto USB data stick.
- Simple to understand symbolic display
- Combined data and power output lead
- Standard 4.0mm terminal
- Available in limited power 250E - Couplings up to 250mm

Option:

- Caldersafe Mobile Software package – Use our Caldersafe App to record photographic data of your weld using your mobile phone.

| Reference | Description |
|--------------|---|
| 01-01-402A | Pegasus, 230v, barcode/manual, 4.0m fixed output lead, w/o steel case. |
| 01-01-402B | Pegasus, 230v, barcode/manual, 4.0m fixed output lead, with steel case. |
| Add suffix E | 5.0m fixed output lead |
| | |
| | Limited Power Fusion Welder |
| 01-01-406A | Pegasus 250, 230v limited power w/o steel case – Max coupling size 250mm |
| 01-01-406B | Pegasus 250, 230v limited power with steel case - Max coupling size 250mm |
| Add suffix E | 5.0m fixed output lead. |
| | |
| 01-01-116 | Terminal Adaptor 4.0mm male x 4.7mm female (Pair) |
| 01-01-403 | Steel case for Pegasus |

| Technical Specification | |
|--------------------------------------|------------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 40 - 60 |
| Input current [Max. A] | 16 |
| Input power [kW] | 3.00 |
| Output voltage [Vac RMS] | 8 - 48 |
| Output current [Continuous. Aac RMS] | 60 |
| Environmental protection | IP54 |
| Data recording capacity | 2000 |
| Coupling size range | 20 – 630mm |

| Mechanical information | |
|----------------------------|-------------------|
| Dimensions [HxWxL] | 320 x 340 x 340mm |
| Weight [Kg] | 23.0 |
| Case material | ABS plastic |
| Mains input cable length | 4m |
| Fusion output cable length | 4m Standard |

Calder Handi series

Calder Bantam Lightweight Multimode Fusion Welder (couplers up to 200mm max.)



- Fusion data input from reading the fitting barcode with scanner or manual input of fusion time by pushbuttons.
- Calder utility - Historical fusion data memory capacity 2000 fusion cycles downloadable onto USB data stick.
- Simple to understand symbolic display
- Combined data and power output lead
- Standard 4.0mm terminal
- Steel enclosure
- Medium power output – Couplings 20 - 200mm

| Reference | Description |
|-----------|---|
| 01-01-811 | Calder Bantam 230v, barcode/manual, fixed output lead |
| 01-01-116 | Terminal Adaptor 4.0mm male x 4.7mm female (Pair) |

| Technical Specification | |
|--------------------------------------|------------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 40 - 60 |
| Input current [Max. A] | 16 |
| Input power [kW] | 3.00 |
| Output voltage [Vac RMS] | 8 - 48 |
| Output current [Continuous. Aac RMS] | 40 |
| Environmental protection | IP54 |
| Data recording capacity | 2000 |
| Coupling size range | 20 - 200mm |

| Mechanical information | |
|----------------------------|-------------------|
| Dimensions [HxWxL] | 325 x 250 x 350mm |
| Weight [Kg] | 16.2 |
| Case material | Steel |
| Mains input cable length | 3m |
| Fusion output cable length | 3m |

Calder Cub

Multimodal Fusion Welder
With Caldersafe Software Package



- Fusion data input from reading the fitting barcode with scanner or manual input of fusion time by pushbuttons.
- Caldersafe Software package – Use our Caldersafe App to record photographic data of your weld using your mobile phone.
- Historical fusion data memory capacity 750 fusion cycles downloadable onto USB data stick.
- Combined data and power output lead
- Standard 4.0mm terminal
- Steel enclosure
- Medium power output – Couplings 20 - 200mm
- Multiple language options available

| Reference | Description |
|-----------|---|
| 01-01-831 | Calder Cub 230v barcode/manual, fixed output |
| 01-01-116 | Terminal Adaptor 4.0mm male x 4.7mm female (Pair) |

| Technical Specification | |
|--------------------------------------|------------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 40 - 60 |
| Input current [Max. A] | 16 |
| Input power [kW] | 3.00 |
| Output voltage [Vac RMS] | 8 - 48 |
| Output current [Continuous. Aac RMS] | 40 |
| Environmental protection | IP54 |
| Data recording capacity | 750 |
| Coupling size range | 20 - 200mm |

| Mechanical information | |
|----------------------------|-------------------|
| Dimensions [HxWxL] | 325 x 250 x 350mm |
| Weight [Kg] | 16.2 |
| Case material | Steel |
| Mains input cable length | 3m |
| Fusion output cable length | 3m |

Calder Centaur™

Calder Centaur™ multimode fusion welder unit

- Fusion data input from reading the fitting barcode with scanner or manual input of fusion time by pushbuttons.
- Automatic coupling recognition – Fusamatic / Plasson
- GPS – Point of weld recordable GPS location
- Calder utility - Historical fusion data memory capacity 750 fusion cycles downloadable onto USB data stick.
- Simple to understand symbolic display
- Fixed or Detachable output lead
- Standard 4.0mm terminal
- Standard steel case
- Multiple language options available



| Reference | Description |
|---------------|---|
| 01-01-183B | C. Centaur 230v, barcode /manual, 4.0m fixed output lead, with steel case. |
| 01-01-183D | C. Centaur 230v, barcode/manual, 4.0m detachable o/p lead, with steel case. |
| Add suffix E | 5.0m standard output lead. |
| Add suffix F4 | Fusamatic 4.0m output lead with 4.7mm plugs. |
| Add suffix F5 | Fusamatic 5.0m output lead with 4.7mm plugs. |
| Add suffix G4 | GPS with 4.0m x 32mm output lead. |
| Add suffix G5 | GPS with 5.0m x 32mm output lead. |
| 01-01-155 | Steel case for Centaur / Connexion fusion welders |
| 01-01-101 | Terminal Adaptor 4.7mm male x 4.0mm female (Pair) |
| 01-01-116 | Terminal Adaptor 4.0mm male x 4.7mm female (Pair) |

| Technical Specification | |
|--------------------------------------|------------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 40 - 60 |
| Input current [Max. A] | 16 |
| Input power [kW] | 3.00 |
| Output voltage [Vac RMS] | 8 - 48 |
| Output current [Continuous. Aac RMS] | 60 |
| Environmental protection | IP54 |
| Data recording capacity | 750 |
| Coupling size range | 20 - 710mm |

| Mechanical information | |
|----------------------------|-------------------|
| Dimensions [HxWxL] | 380 x 280 x 250mm |
| Weight [Kg] | 23.0 |
| Case material | ABS & Aluminium |
| Mains input cable length | 4m |
| Fusion output cable length | 4m Standard |

Proxima series

Proxima Sirius™ & Centaur™

- Fusion data input from reading the fitting barcode with scanner or manual input of fusion time by pushbuttons.
- Automatic coupling recognition – Fusamatic / Plasson
- GPS – Point of weld recordable GPS location
- Calder utility - Historical fusion data memory capacity 750 fusion cycles downloadable onto USB data stick.
- Fixed or Detachable output lead
- Standard 4.0mm terminal
- Standard steel case
- Multiple language options available

Option:

- Caldersafe Mobile Software package – Use our Caldersafe App to record photographic data of your weld using your mobile phone.



| Reference | PROXIMA SIRIUS |
|---------------|--|
| 01-01-061B | P. Sirius 230v, manual, fixed 4.0m output lead |
| 01-01-061D | P. Sirius 230v, manual, detachable 4.0m output lead |
| Add suffix E | 5.0m standard output lead |
| Add suffix F4 | Fusamatic 4.0m output lead with 4.7mm plugs |
| Add suffix F5 | Fusamatic 5.0m output lead with 4.7mm plugs |
| Add suffix G4 | GPS with 4.0m x 32mm output lead |
| Add suffix G5 | GPS with 5.0m x 32mm output lead |
| | PROXIMA CENTAUR |
| 01-01-075B | P. Centaur 230v, manual/barcode, fixed 4.0m output lead |
| 01-01-075D | P. Centaur 230v, manual/barcode, detachable 4.0m output lead |
| Add suffix E | 5.0m standard output lead. |
| Add suffix F4 | Fusamatic 4.0m output lead 4.7mm plugs. |
| Add suffix F5 | Fusamatic 5.0m output lead 4.7mm plugs. |
| Add suffix G4 | GPS with 4.0m x 32mm output lead. |
| Add suffix G5 | GPS with 5.0m x 32mm output lead. |
| 01-01-162 | Steel case squat for Proxima series fusion welders |
| 01-01-101 | Terminal Adaptor 4.7mm male x 4.0mm female (Pair) |
| 01-01-116 | Terminal Adaptor 4.0mm male x 4.7mm female (Pair) |

| Technical Specification | |
|--------------------------------------|-------------------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 40 - 60 |
| Input current [Max. A] | 16 |
| Input power [kW] | 3.00 |
| Output voltage [Vac RMS] | 8 - 48 |
| Output current [Continuous. Aac RMS] | 60 |
| Environmental protection | IP54 |
| Data recording capacity | 750 |
| Coupling size range | 20 - 710mm |
| Dimensions [HxWxL] | 360 x 330 x 350mm |
| Weight [Kg] | 26.0 |
| Case material | ABS & Aluminium |
| Mains input cable length | 4m |
| Fusion output cable length | 4m Standard |

Calder Aquafuse AF160

Non pressure drainage fusion welders.

230V Aquafuse AF160 hand held

Fusion welder

- 230V
- Suitable for use with:
Coes
Gerberit
Wavinsolo
Valsir
Akatherm
- Standard soft touch tool bag



*Constant current secondary supply, NOT for use with conventional electrofusion fitting

| Reference | Description |
|-----------|---|
| 01-01-096 | Calder Aquafuse AF160, 230V hand held fusion welder |

| Technical Specification | |
|--------------------------|-----------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 50 - 60 |
| Input current [Max. A] | 5 |
| Power consumption [VA] | 1150 |
| Environmental protection | IP57 |
| Coupling size range | 16 -160mm |

| Mechanical information | |
|------------------------|-------------------|
| Dimensions [HxWxL] | 250 x 115 x 100mm |
| Weight [Kg] | 26.0 |
| Case material | ABS |

Calder Aquafuse AF315

Non pressure drainage fusion welders.



230V Aquafuse AF315 fusion welder

- Suitable for use with:
 - Coes
 - Gerberit
 - Wavinsolo
 - Valsir
 - Akatherm
- Standard:
 - Yellow output lead for 40mm – 160mm coupler
 - Blue output lead for 200mm – 315mm coupler
- Optional output leads available.

*Constant current secondary supply, NOT for use with conventional electrofusion fittings

| Reference | Description |
|-------------|--|
| 01-01-098 | Calder Aquafuse AF315, 230V |
| 304.00.0101 | Yellow connection pigtail set Akatherm, Coes, Gerberit, Valsir, Waviduo |
| 304.00.0102 | Blue connection pigtail set for Akatherm, Wavisolo, Valsir |
| 304.00.0103 | Red pigtail set for Gerberit couplers |
| 304.00.0104 | Green pigtail set for Von Roll couplers |
| 304.00.0105 | Black pigtail set for Coes couplers |
| 304.00.0106 | Yellow link lead 1.0m, connects multiple couplers up to 160mm total diameter |

| Technical Specification | |
|--------------------------|-----------|
| Input voltage [Vac] | 230V |
| Input frequency [Hz] | 50 - 60 |
| Input current [Max. A] | 10 |
| Power consumption | 2300W max |
| Environmental protection | IP57 |
| Coupling size range | 16 -315mm |

| Mechanical information | |
|------------------------|-------------------|
| Dimensions [HxWxL] | 270 x 245 x 175mm |
| Weight [Kg] | 4 |
| Case material | ABS |

Calder Nomad® II cordless portable fusion welder

Calder Nomad®2 cordless fusion welder with separate charger.



This product is not recommended for use with electrofusion couplers in sizes greater than 63mm.

Kit consists of completely redesigned Fusion welder complete with battery, redesigned charger unit plus 1 spare battery, detachable output chord with 4.7mm or 4.0mm fitting connector plugs.

| Reference | Description |
|-----------|--|
| 01-01-013 | Nomad battery powered fusion welder kit complete |
| 01-01-260 | Battery charging unit (new style,) with plug |
| 01-01-261 | Spare lead/acid battery pack wired with connector |
| 01-01-262 | Nomad fusion welder only |
| 01-01-045 | Nomad test load 0.6 Ampere, 1.2 Ampere, 22 Ampere, 35 Ampere |
| 01-01-046 | Nomad input voltage test box |

| Technical Specification | |
|--------------------------|---------------------|
| Input voltage | 36v DC Battery Pack |
| Output Voltage | 39.5V AC RMS |
| Output current | 1A – 25A DC |
| Power consumption | 40W – 1000W |
| Environmental protection | IP54 |
| Coupling size range | 16 - 63mm |
| Charger Specifications | |
| Input Voltage | 230V AC |
| Weight [kg] | 4 |
| Dimensions [HxWxL] | 270 x 250 x 120mm |

| Mechanical information | |
|------------------------|-------------------------------|
| Dimensions [HxWxL] | 400 x 330 x 170mm |
| Weight [Kg] | 17.0 (including battery pack) |
| Case material | ABS |

Fusion welder routine test & recalibration equipment.

*Certain of these products available to accredited test houses only.

Output Power test load bank
3 current levels



True rms digital multimeter

True rms current digital clamp meter

Resistance calibration test box*

| Reference | Description |
|-----------|---|
| 01-01-048 | 3 current level output power test load 1.0 Amp, 5.0 Amps, 50 Amps. |
| 01-01-251 | True rms digital multimeter |
| 01-01-252 | True rms digital clamp meter |
| 53EY0020 | Resistance calibration test box*(Available to accredited test houses only.) |

Fusion welder output leads & connection accessories.

Pattern 1 detachable output lead with military type connector plug (To be discontinued.)



| Reference | Description |
|-----------|--|
| 01-01-127 | Pattern 1, 40v detachable output lead, 3.0m x 4.7mm connector plugs |
| 01-01-128 | Pattern 1, 40v detachable Fusamatic output lead 5.0m x 4.7mm connector plugs |
| 01-01-135 | Pattern 1, 40v detachable output lead, 3.0m x 4.0mm connector plugs |
| 01-01-137 | Single 40v separate fixed 5.0m long x 4.7mm connector plug for Connexion |

Pattern 2& 3 detachable & fixed output leads with data cables & optional military style connectors



| Reference | Description |
|-----------|--|
| 01-01-320 | Pattern 2, 40v fixed output lead, 4.0m x 4.7mm straight connector plugs |
| 01-01-321 | Pattern 2, 40v fixed output lead, 4.0m x 4.0mm straight connector plugs |
| 01-01-322 | Pattern 2, 40v detachable output lead, 4.0m x 4.7mm straight connector plugs |
| 01-01-323 | Pattern 2, 40v detachable output lead, 4.0m x 4.0mm straight connector plugs |
| 01-01-324 | Pattern 2, 40v fixed Fusamatic output lead 4.0m x 4.7mm straight connector plugs |
| 01-01-325 | Pattern 2, 40v detachable Fusamatic output lead 4.0m x 4.7mm connector plugs |
| 01-01-330 | Pattern 3, 40v fixed output lead 4.0m x 4.7mm angle connector plugs |
| 01-01-331 | Pattern 3, 40v fixed output lead, 4.0m x 4.0mm angle connector plugs |
| 01-01-332 | Pattern 3, 40v detachable output lead 4.0m x 4.7mm angle connector plugs |
| 01-01-333 | Pattern 3 40v detachable output lead 4.0m x 4.0mm angle connector plugs |

Output lead service kits

Mk 3, 4.0, 4.7, 5.5mm in line receptacle.



Mk4, 4.0 & 4.7 90° elbow receptacle.



| Reference | Description |
|-----------|--|
| 01-01-125 | Output lead service kit, pattern 2/3 lead with Mk 3 in line x 4.7mm receptacles (pair.) |
| 01-01-126 | Output lead service kit, pattern 2/3 lead with Mk 3 in line x 4.0mm receptacles (pair.) |
| 01-01-177 | Output lead service kit pattern 2/3 leads with Mk3 x 4.7mm Fusamatic receptacles (pair.) |
| 01-01-196 | Output lead service kit, pattern 2/3 leads with Mk4 (90°) x 4.0mm receptacles (pair.) |
| 01-01-197 | Output lead service kit, pattern 2/3 leads with MK4 (90°) x 4.7mm receptacles (pair.) |

Terminal connection end adapters



| Reference | Description |
|-----------|--|
| 01-01-101 | Terminal adapter 4.7mm male probe x 4.0mm female receptacle pack of 2 |
| 01-01-116 | Terminal adapter 4.0mm male probe x 4.7mm female receptacle pack of 2 |
| 01-01-102 | Disposable mini adapter 4.7mm male probe x 4.0mm female receptacle pack of 2 |

USB data stick



| Reference | Description |
|--------------|--|
| 01-01-206 | USB data stick preloaded Caldersafe software advanced |
| 01-01-207 | USB data stick preloaded calder utility software basic |
| 01-01-208 | USB data stick preloaded Calder Excel add in software |
| 189.01.01411 | USB data stick blank |

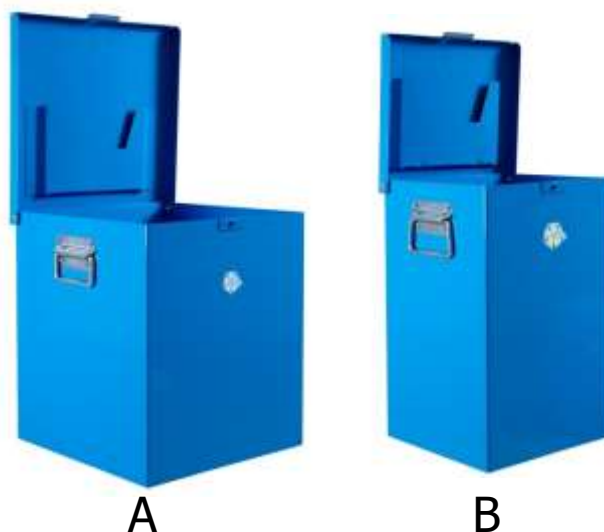
Barcode reading scanners, wands & Accessories

USB & serial (PS 2) scanners & wands



| Reference | Description |
|-------------|--|
| 01-01-314 | Cypher labs close contact barcode scanner with USB connector A+D |
| 01-01-315 | Cypher labs close contact barcode scanner with serial connector C+D |
| 01-01-316 | Cypher labs barcode scanner with serial connector C or E |
| 01-01-308 | Sulux 616 barcode scanner with USB connector (except Pegasus.) (A+D) |
| 01-01-309 | Sulux 616 barcode scanner with PS2 connector (Pegasus.) (C+D) |
| 01-01-311 | Scanner pouch |
| 01-01-312 | Sulux 616 barcode scanner with USB & buccaneer connector (B+D) |
| 189.01.0220 | Spare lead cat5 to USB (A) |
| 189.01.0221 | Spare lead cat5 to PS2 |

Steel carrying cases for Fusion welders



| Reference | Description |
|-----------|--|
| 01-01-155 | Steel case for Centaur, Connexion fusion welders image B |
| 01-01-162 | Steel case for Proxima series fusion welders Image A |
| 01-01-403 | Steel case for Pegasus & Pegasus Enfusion fusion welders |

Rotary scraping tools & accessories

Uniprep™ 1 rotary scraping tool 90-400mm, scrape length 150mm, cut depth 0.25mm ± 0.05mm



| Reference | Description |
|-----------|--|
| 01-02-002 | Uniprep 1 rotary scraping tool 90-400mm with steel toolbox |
| 01-02-032 | Toolbox only Uniprep 1 & 2 |
| 01-02-023 | Replacement 4 sided scraping tip (tungsten carb) with fixing screw, mark 2 |
| 01-02-017 | Replacement tip holder |

Uniprep™ 2 rotary scraping tool 125-500mm, scrape length 180mm, cut depth 0.25mm ± 0.05mm



| Reference | Description |
|-----------|--|
| 01-03-002 | Uniprep 2 rotary scraping tool 125-500mm with steel toolbox |
| 01-02-032 | Toolbox only Uniprep 1 & 2 |
| 01-02-023 | Replacement 4 sided scraping tip (tungsten carb) with fixing screw, mark 2 |
| 01-02-017 | Replacement tip holder |

Uniprep™ 4 rotary scraping tool 63-250mm, scrape length 130mm, cut depth 0.25mm ± 0.05mm



| Reference | Description |
|-----------|--|
| 01-05-002 | Uniprep 4 rotary scraping tool 63-250mm with steel toolbox |
| 01-02-030 | Toolbox only Uniprep 4 |
| 01-02-023 | Replacement 4 sided scraping tip (tungsten carb) with fixing screw, mark 2 |
| 01-02-017 | Replacement tip holder |

Uniprep™ 5 rotary scraping tool 450-710mm, scrape length 345mm, cut depth 0.25mm ± 0.05mm



| Reference | Description |
|-----------|--|
| 01-06-001 | Uniprep 5 rotary scraping tool 450-710mm with toolbox |
| 01-02-033 | Toolbox only Uniprep 5 |
| 01-02-023 | Replacement 4 sided scraping tip (tungsten carb) with fixing screw, mark 2 |
| 01-02-017 | Replacement tip holder |

Surprep rotary hand scraping tool kit (PT1E) cut depth 0.25mm ± 0.05mm



| Reference | Description |
|-----------|---|
| 01-07-002 | Calder PT1E Surprep pistol hand tool 20-90mm with scraping tip |
| 01-07-024 | Calder PT1E Surprep pipe mandrel insert 20mm x 1.9mm wall thickness |
| 01-07-025 | Calder PT1E Surprep pipe mandrel insert 20mm x 3.0mm wall thickness |
| 01-07-026 | Calder PT1E Surprep pipe mandrel insert 25mm x 2.3mm wall thickness |
| 01-07-027 | Calder PT1E Surprep pipe mandrel insert 25mm x 3.0mm wall thickness |
| 01-07-028 | Calder PT1E Surprep pipe mandrel insert 32mm x 3.0mm wall thickness |
| 01-07-029 | Calder PT1E Surprep pipe mandrel insert 40mm x 3.7mm wall thickness |
| 01-07-030 | Calder PT1E Surprep pipe mandrel insert 50mm x 4.7mm wall thickness |
| 01-07-031 | Calder PT1E Surprep pipe mandrel insert 63mm x 3.8mm wall thickness |
| 01-07-032 | Calder PT1E Surprep pipe mandrel insert 63mm x 5.8mm wall thickness |
| 01-07-033 | Calder PT1E Surprep pipe mandrel insert 75mm x 4.5mm wall thickness |
| 01-07-034 | Calder PT1E Surprep pipe mandrel insert 75mm x 6.9mm wall thickness |
| 01-07-035 | Calder PT1E Surprep pipe mandrel insert 90mm x 5.4mm wall thickness |
| 01-07-036 | Calder PT1E Surprep pipe mandrel insert 90mm x 8.2mm wall thickness |
| 01-07-040 | Toolbox for Surprep kit with foam insert |
| 01-07-042 | Spare scraping tip single point large head (Image B) |
| 01-07-043 | Spare scraping tip single point small head (Image A) |
| 01-07-053 | Calder PT1E Surprep pipe mandrel insert 50mm x 3.0mm wall thickness |

Surprep Durapipe Protectaline protective barrier removal tool



| Reference | Description |
|-----------|---|
| 01-07-070 | Protectaline rotary hand tool for 32-110mm mandrills with scraping tip |
| 01-07-072 | Protectaline rotary hand tool for 125-180mm mandrills with scraping tip |
| 01-07-073 | Protectaline expanding mandrill 25mm |
| 01-07-074 | Protectaline expanding mandrill 32mm |
| 01-07-075 | Protectaline expanding mandrill 63mm |
| 01-07-076 | Protectaline expanding mandrill 90-110mm |
| 01-07-077 | Protectaline expanding mandrill 125mm |
| 01-07-078 | Protectaline expanding mandrill shells 125-160mm SDR 17, 4 pcs/set |
| 01-07-079 | Protectaline expanding mandrill shells 160-180mm SDR 17, 4 pcs/set |
| 01-07-080 | Protectaline spare scraping tip |
| 01-07-081 | Protectaline rotary scraping kit 90-110mm SDR17 in red toolbox |
| 01-07-082 | Protectaline rotary scraping kit 125,160 & 180mm SDR17 in blue toolbox |
| 01-07-175 | Set of spare garter springs for 63mm expanding mandrill |
| 01-07-176 | Set of spare garter springs for 90-110mm expanding mandrill |
| 01-07-177 | Set of spare garter springs for 125mm expanding mandrill |

Surprep (Durapipe) Petroline DLX scraping kit

Petroline complete kit for 32-63-90 & 110mm



| Reference | Description |
|-----------|---|
| 43MZ0018 | Durapipe Petroline scraping kit complete 32-63-90-110mm SDR17 |

Surprep Puriton (Radius Plastics,) Protective barrier removal kit



| Reference | Description |
|-----------|---|
| 01-07-190 | Puriton kit 90-110mm (red case,) with 2 scraping tip assemblies |
| 01-07-191 | Puriton kit 125-160-180mm (blue case,) 2 scraping tip assy. + extension piece |
| 01-07-192 | Puriton scraping tip assembly only with spot. |
| 01-07-193 | Puriton kit 90-110mm conversion kit Puriton & standard tip assemblies. |
| 01-07-194 | Puriton kit 125-160-180 conversion kit 2 x tip assemblies + extension piece |
| 01-07-195 | Puriton 125-160-180 extension only |
| 01-07-196 | Puriton 90-110mm cartridge only |
| 01-07-197 | Puriton 125-160-180mm cartridge only |
| 01-07-043 | Surprep standard tip only Ø 11mm |

Profuse (Radius Plastics,) protective skin removal tool



| Reference | Description |
|-----------|--|
| 01-07-103 | Profuse universal exposure tool only 180-630mm |
| 01-07-104 | Profuse universal exposure tool kit with strap & butt weld plate |
| 01-07-111 | Profuse small size plastic exposure tool up to 250mm |
| 01-07-150 | Profuse exposure tool butt weld plate |
| 01-07-151 | Profuse bead gauge for butt welded joints SDR21 |
| 01-07-044 | Spare cutting blade universal |

Protectaline 2 large diameter protective barrier removal tool for pipe up to 355mm



| Reference | Description |
|-----------|--|
| 01-07-251 | Barrier removal scraping tool c/w mandrill & steel tool case |
| 01-07-255 | Barrier removal tool 225mm x SDR17 mandrill segments |
| 01-07-256 | Barrier removal tool 250mm x SDR17 mandrill segments |
| 01-07-257 | Barrier removal tool 280mm x SDR17 mandrill segments |
| 01-07-258 | Barrier removal tool 315mm x SDR17 mandrill segments |
| 01-07-259 | Barrier removal tool 355mm x SDR17 mandrill segments |
| 01-07-260 | Spare mandrill segment garter spring set 225mm |
| 01-07-261 | Spare mandrill segment garter spring set 250mm |
| 01-07-262 | Spare mandrill segment garter spring set 280mm |
| 01-07-263 | Spare mandrill segment garter spring set 315mm |
| 01-07-264 | Spare mandrill segment garter spring set 355mm |
| 01-07-277 | Barrier removal tool scraping tip |
| 01-07-280 | Barrier removal tool steel case |

Calderprep™ rotary hand scraping tool for small size pipes



| Reference | Description |
|-----------|--|
| 01-07-300 | Calderprep hand scraping tool 20mm x 1.9mm wall thickness |
| 01-07-301 | Calderprep hand scraping tool 20mm x 3.0mm wall thickness |
| 01-07-302 | Calderprep hand scraping tool 20mm x SDR11 mm wall thickness |
| 01-07-303 | Calderprep hand scraping tool 25mm x 2.3mm wall thickness |
| 01-07-304 | Calderprep hand scraping tool 25mm x 3.0mm wall thickness |
| 01-07-305 | Calderprep hand scraping tool 25mm x SDR11 wall thickness |
| 01-07-306 | Calderprep hand scraping tool 32mm x 3.0mm wall thickness |
| 01-07-307 | Calderprep hand scraping tool 32mm x SDR11 wall thickness |
| 01-07-308 | Calderprep hand scraping tool 40mm x 3.7mm wall thickness |
| 01-07-309 | Calderprep hand scraping tool 50mm x 4.6mm wall thickness |
| 01-07-310 | Calderprep hand scraping tool 63mm x 5.8mm wall thickness |
| 01-07-311 | Calderprep mandrill insert only 20mm x 1.9mm wall thickness |
| 01-07-312 | Calderprep mandrill insert only 20mm x 3.0mm wall thickness |
| 01-07-313 | Calderprep mandrill insert only 25mm x 2.3mm wall thickness |
| 01-07-314 | Calderprep mandrill insert only 25mm x 3.0mm wall thickness |
| 01-07-315 | Calderprep mandrill insert only 32mm x 3.0mm wall thickness |
| 01-07-316 | Calderprep mandrill insert only 40mm x 3.7mm wall thickness |
| 01-07-317 | Calderprep mandrill insert only 50mm x 4.6mm wall thickness |
| 01-07-318 | Calderprep mandrill insert only 63mm x 5.8mm wall thickness |
| 01-07-335 | Calderprep hand scraping tool 40mm x 2.3mm wall thickness |
| 01-07-356 | Calderprep hand scraping tool 40mm x 2.4mm wall thickness |
| 01-07-357 | Calderprep hand scraping tool 50mm x 3.0mm wall thickness |
| 01-07-358 | Calderprep hand scraping tool 32mm x 1.8mm wall thickness |
| 01-07-359 | Calderprep hand scraping tool 32mm x 2.3mm wall thickness |
| 01-07-391 | Calderprep hand scraping tool 32mm x 2.5mm wall thickness |

Power drive adapter for Calderprep™ & Calderprep™ plus rotary scraping tools



| Description | Reference |
|--|-----------|
| Power drive adapter nylon for Calderprep & Calderprep plus | 01-07-360 |
| Power drive adapter aluminium for Calderprep & Calderprep plus | 01-07-368 |

Calderprep™ plus rotary hand scraping tool for small pipes



| Reference | Description |
|-----------|---|
| 01-07-333 | Calderprep plus rotary hand scraping tool only with cutting disc |
| 01-07-320 | Calderprep plus mandrill insert 20mm x 1.9mm wall thickness |
| 01-07-321 | Calderprep plus mandrill insert 20mm x 3.0mm wall thickness |
| 01-07-322 | Calderprep plus mandrill insert 20mm x SDR11 wall thickness |
| 01-07-323 | Calderprep plus mandrill insert 25mm x 2.3mm wall thickness |
| 01-07-324 | Calderprep plus mandrill insert 25mm x 3.0mm wall thickness |
| 01-07-325 | Calderprep plus mandrill insert 25mm x SDR11 wall thickness |
| 01-07-326 | Calderprep plus mandrill insert 32mm x 3.0mm wall thickness |
| 01-07-327 | Calderprep plus mandrill insert 40mm x 3.7mm wall thickness |
| 01-07-328 | Calderprep plus mandrill insert 50mm x 4.6mm wall thickness |
| 01-07-329 | Calderprep plus mandrill insert 63mm x 5.8mm wall thickness |
| 01-07-330 | Calderprep plus tool kit 20,25,32 & 63mm SDR11 |
| 01-07-331 | Calderprep & Calderprep plus scraping disc |
| 01-07-332 | Calderprep plus tool case with foam insert |
| 01-07-334 | Calderprep 20 (1.9+3.0) 25 (2.3+3.0)32 (3.0) 40 (3.7) 50 (4.6) 63 (3.8+5.8) |
| 01-07-339 | Calderprep plus mandrill insert 55mm x SDR11 wall thickness |
| 01-07-340 | Calderprep plus mandrill insert 1.0" NB |
| 01-07-341 | Calderprep plus mandrill insert 1¼" NB |
| 01-07-350 | Calderprep plus mandrill insert 20mm x SDR17 wall thickness |
| 01-07-351 | Calderprep plus mandrill insert 25mm x SDR17 wall thickness |
| 01-07-352 | Calderprep plus mandrill insert 32mm x SDR17 wall thickness |
| 01-07-353 | Calderprep plus mandrill insert 40mm x SDR17 (2.4mm) wall thickness |
| 01-07-354 | Calderprep plus mandrill insert 50mm x SDR17 wall thickness |
| 01-07-355 | Calderprep plus mandrill insert 63mm x SDR17 wall thickness |
| 01-07-362 | Calderprep plus mandrill insert 20mm x SDR13.6 wall thickness |
| 01-07-363 | Calderprep plus mandrill insert 25mm x SDR13.6 wall thickness |
| 01-07-364 | Calderprep plus mandrill insert 32mm x SDR13.6 wall thickness |
| 01-07-365 | Calderprep plus mandrill insert 40mm x SDR13.6 wall thickness |
| 01-07-366 | Calderprep plus mandrill insert 50mm x SDR13.6 wall thickness |
| 01-07-367 | Calderprep plus mandrill insert 63mm x SDR13.6 wall thickness |
| 01-07-370 | Calderprep tool kit 25,32,40,50 & 63mm SDR7 wall thickness |
| 01-07-371 | Calderprep plus mandrill insert 20mm x SDR7 wall thickness |
| 01-07-372 | Calderprep plus mandrill insert 25mm x SDR7 wall thickness |
| 01-07-373 | Calderprep plus mandrill insert 32mm x SDR7 wall thickness |
| 01-07-374 | Calderprep plus mandrill insert 40mm x SDR7 wall thickness |

| | |
|-----------|--|
| 01-07-375 | Calderprep plus mandrill insert 50mm x SDR7 wall thickness |
| 01-07-376 | Calderprep plus mandrill insert 63mm x SDR7 wall thickness |
| 01-07-381 | Calderprep plus mandrill insert 20mm x SDR9 wall thickness |
| 01-07-382 | Calderprep plus mandrill insert 25mm x SDR9 wall thickness |
| 01-07-383 | Calderprep plus mandrill insert 32mm x SDR9 wall thickness |
| 01-07-384 | Calderprep plus mandrill insert 40mm x SDR9 wall thickness |
| 01-07-385 | Calderprep plus mandrill insert 50mm x SDR9 wall thickness |
| 01-07-386 | Calderprep plus mandrill insert 63mm x SDR9 (7.1mm) wall thickness |
| 01-07-390 | Calderprep plus mandrill insert 32mm x 2.5mm wall thickness |

Calderprep™ saddle branch outlet scraping tool



| Reference | Description |
|-----------|--|
| 01-07-601 | Saddle branch outlet hand scraping tool 20mm x SDR11 |
| 01-07-602 | Saddle branch outlet hand scraping tool 25mm x SDR11 |
| 01-07-603 | Saddle branch outlet hand scraping tool 32mm x SDR11(3.0mm) |
| 01-07-604 | Saddle branch outlet hand scraping tool 40mm x SDR11 (3.7mm) |
| 01-07-605 | Saddle branch outlet hand scraping tool 50mm x SDR11 (4.6mm) |
| 01-07-606 | Saddle branch outlet hand scraping tool 63mm x SDR11 (5.8mm) |
| 01-07-610 | Saddle branch outlet hand scraping tool scraping tip |

Calderprep™ scraping tool with power drive adapter



| Reference | Description |
|-----------|--|
| 01-07-701 | Calderprep scraping tool with power drive adapter 20mm x SDR11 |
| 01-07-702 | Calderprep scraping tool with power drive adapter 25 x 2.3mm SDR11 |
| 01-07-703 | Calderprep scraping tool with power drive adapter 32 x 3.0mm SDR11 |
| 01-07-704 | Calderprep scraping tool with power drive adapter 40 x 3.7mm SDR11 |
| 01-07-705 | Calderprep scraping tool with power drive adapter 50 x 4.6mm SDR11 |
| 01-07-706 | Calderprep scraping tool with power drive adapter 63 x 5.8mm SDR11 |

Calderline in-line & branch saddle rotary scraping tool

Calderline rotary scraper for pipe sizes 32mm to 75mm.



| Reference | Description |
|-----------|---|
| 01-18-201 | Calderline rotary in-line pipe scraper 32mm |
| 01-18-202 | Calderline rotary in-line pipe scraper 40mm |
| 01-18-203 | Calderline rotary in-line pipe scraper 50mm |
| 01-18-204 | Calderline rotary in-line pipe scraper 63mm |
| 01-18-205 | Calderline rotary in-line pipe scraper 75mm |
| 01-18-208 | Calderline rotary in-line pipe scraper replacement scraping tip |

Harris hand scraping tool (non Caldervale product.)



| Reference | Description |
|-----------|--|
| C53MJ001 | Hand scraping tool 1½"/ 35mm |
| C53MJ002 | Spare scraping blades, hand scraping tool 1½"/ 35mm (2 pack) |
| 01-07-200 | Hand scraping tool 2½"/ 63mm |
| 01-07-201 | Spare scraping blades, hand scraping tool 2½"/ 63mm (2 pack) |

Branch saddle window patch scraping tool number 1 (patch size 200 x 150mm)



| Reference | Description |
|-----------|--|
| 01-18-001 | Patch scraping tool No 1, 200 x 150mm with tool case (no chains.) |
| 01-18-003 | Spare tool case for No 1 patch scraper |
| 01-03-005 | Chain set (2 pcs,) length 300mm |
| 01-18-006 | Chain set (2 pcs,) length 650mm with joiner link for pipe sizes 75-180mm |
| 01-18-007 | Chain set (2 pcs,) length 1000mm for pipe sizes 125-315mm |
| 01-18-008 | Chain extension single length 300mm |
| 01-18-009 | Chain extension single length 650mm |
| 01-18-010 | Chain extension single length 1000mm |

Branch saddle window patch scraping tool number 2 (double patch size 200 x 150mm & 250 x 280mm.)



| Reference | Description |
|-----------|---|
| 01-18-002 | Double patch scraping tool 200 x 150mm & 250 x 280mm with tool case |
| 01-18-004 | Spare tool case for double patch scraping tool |
| | |

Butt weld bead removal tools

Mk 2 External butt weld bead removal tool 90-400mm



| Reference | Description |
|-----------|---|
| 06-20-454 | External bead removal tool 90-400mm |
| 01-07-513 | Cutting blade for 90-400mm external bead removal tool |

External butt weld bead removal tool 63-125mm



| Reference | Description |
|-----------|---|
| 01-07-520 | External bead removal tool 63-125mm |
| 01-07-521 | Cutting blade for 63-125mm external bead removal tool |

External butt weld bead removal tool 355-630mm



| Reference | Description |
|-----------|--|
| 01-07-504 | External bead removal tool 355-630mm |
| 01-07-505 | Cutting blade for 355-630mm external bead removal tool |

External butt weld bead removal tool 500-900 mm, maximum bead width 40mm



| Reference | Description |
|-----------|---|
| 01-07-525 | External bead removal tool 630-900mm |
| 01-07-526 | Cutting blade for butt weld bead up to 40mm |

Internal butt weld bead removal tool 90-500mm (Internal de beading tool.)



| Reference | Description |
|-----------|--|
| 01-07-535 | Internal bead removal tool rod set 9 x 1.5mtr with carrying bag |
| 01-07-536 | Internal bead removal tool head kit No 1 (90-110mm) |
| 01-07-537 | Internal bead removal tool head kit No. 2 (125, 140 & 160mm) |
| 01-07-538 | Internal bead removal tool head kit No. 3 (160, 180 & 200mm) |
| 01-07-539 | Internal bead removal tool head kit No. 4 (225, 250, 280 & 315mm) |
| 01-07-540 | Internal bead removal tool head kit No. 5 (355, 400, 450 & 500mm) |
| 01-07-541 | Internal bead removal tool replacement cutting blade head kit No 1 |
| 01-07-542 | Internal bead removal tool replacement cutting blade head kit No 2 & 3 |
| 01-07-543 | Internal bead removal tool replacement cutting blade head kit No 4 & 5 |

Nutcracker pattern single size rerounding tools



| Reference | Description |
|-----------|---------------------------------------|
| 01-08-001 | Nutcracker type re rounding tool 20mm |
| 01-08-002 | Nutcracker type re rounding tool 25mm |
| 01-08-003 | Nutcracker type re rounding tool 32mm |
| 01-08-004 | Nutcracker type re rounding tool 40mm |
| 01-08-005 | Nutcracker type re rounding tool 50mm |
| 01-08-027 | Nutcracker type re rounding tool 55mm |

Nutcracker pattern multi size re rounding tool



| Reference | Description |
|-----------|--|
| 01-08-034 | Nutcracker multi size re rounding tool 16-32mm |

Hinged collar re rounding tool.



| Reference | Description |
|-----------|--|
| 01-08-006 | Hinged collar re rounding tool type A with 2 handles 63mm |
| 01-08-007 | Hinged collar re rounding tool type A with 2 handles 75mm |
| 01-08-008 | Hinged collar re rounding tool type B with 2 handles 90mm |
| 01-08-009 | Hinged collar re rounding tool type B with 2 handles 110mm |
| 01-08-010 | Hinged collar re rounding tool type B with 2 handles 125mm |
| 01-08-011 | Hinged collar re rounding tool type B with 2 handles 140mm |
| 01-08-012 | Hinged collar re rounding tool type B with 2 handles 160mm |
| 01-08-013 | Hinged collar re rounding tool type B with 2 handles 180mm |

Split collar re rounding tools with ratchet spanner



| Reference | Description |
|-----------|---|
| 01-08-014 | Split collar re rounding clamp with ratchet spanner 200mm |
| 01-08-015 | Split collar re rounding clamp with ratchet spanner 225mm |
| 01-08-016 | Split collar re rounding clamp with ratchet spanner 250mm |

2 Segment mechanical re rounding clamp with ratchet spanner.



| Reference | Description |
|-----------|---|
| 01-08-020 | Steel split collar re rounding clamp with ratchet spanner 315mm |
| 01-08-024 | Steel split collar re rounding clamp with ratchet spanner 355mm |
| 01-08-028 | Steel split collar re rounding clamp with ratchet spanner 280mm |
| 01-08-029 | Steel split collar re rounding clamp with ratchet spanner 400mm |

3 Segment hydraulic re rounding clamp with pump 800mm model shown illustrating control winch.



| Reference | Description |
|-----------|--|
| 01-08-100 | Hydraulic re rounding clamp with pump 400mm |
| 01-08-103 | Hydraulic re rounding clamp with pump 500mm |
| 01-08-106 | Hydraulic re rounding clamp with pump 630mm |
| 01-08-111 | Hydraulic re rounding clamp with pump 710mm |
| 01-08-112 | Hydraulic re rounding clamp with pump and winch 800mm |
| 01-08-113 | Hydraulic re rounding clamp with pump and winch 900mm |
| 01-08-114 | Hydraulic re rounding clamp with pump and winch 1000mm |

Reducing shell kits for 2 segments mechanical and 3 segment hydraulically powered re rounding clamps.



| Reference | Description |
|-----------|---|
| 01-08-030 | 2 segments reducing shell kit for mechanical re rounder 400 > 355mm |
| 01-08-036 | 2 segments reducing shell kit for mechanical re rounder 400 > 315mm |
| 01-08-039 | 2 segments reducing shell kit for mechanical re rounder 315 > 280mm |
| 01-08-101 | 3 segments reducing shell kit for hydraulic re rounder 400 > 355mm |
| 01-08-102 | 3 segments reducing shell kit for hydraulic re rounder 400 > 315mm |
| 01-08-104 | 3 segments reducing shell kit for hydraulic re rounder 500 > 450mm |
| 01-08-105 | 3 segments reducing shell kit for hydraulic re rounder 500 > 400mm |
| 01-08-107 | 3 segments reducing shell kit for hydraulic re rounder 630 > 560mm |
| 01-08-108 | 3 segments reducing shell kit for hydraulic re rounder 630 > 500mm |
| 01-08-110 | 3 segments reducing shell kit for hydraulic re rounder 710 > 630mm |

Large diameter positioning kits mechanical



| Reference | Description |
|-----------|---|
| 01-08-025 | Mechanical positioning kit 355mm straight base |
| 01-08-033 | Mechanical positioning kit 315mm straight base |
| 01-08-035 | Mechanical positioning kit 400mm straight base |
| 01-08-037 | Mechanical positioning kit 280mm straight base |
| 01-08-040 | Mechanical positioning kit 315mm angle maker base |

Large diameter positioning kit hydraulic

Assisted with 2 hydraulic pumps

(800mm positioning kit shown with control winches.)



| Reference | Description |
|-----------|--|
| 01-08-200 | Hydraulic positioning kit with 2 pumps 400 x 400mm |
| 01-08-300 | Hydraulic positioning kit with 2 pumps 500 x 500mm |
| 01-08-400 | Hydraulic positioning kit with 2 pumps 630 x 630mm |
| 01-08-500 | Hydraulic positioning kit with 2 pumps 710 x 710mm |
| 01-08-600 | Hydraulic positioning kit with 2 pumps & winches 800 x 800mm |
| 01-08-700 | Hydraulic positioning kit with 2 pumps & winches 900 x 900mm |
| 01-08-800 | Hydraulic positioning kit with 2 pumps & winches 1000 x 1000mm |

Post squeeze off re-rounding tools



| Reference | Description |
|-----------|---|
| 01-08-055 | Post squeeze off tool with tensioner assembly 63mm |
| 01-08-056 | Post squeeze off tool with tensioner assembly 75mm |
| 01-08-057 | Post squeeze off tool with tensioner assembly 90mm |
| 01-08-058 | Post squeeze off tool with tensioner assembly 110mm |
| 01-08-059 | Post squeeze off tool with tensioner assembly 125mm |
| 01-08-060 | Post squeeze off tool with tensioner assembly 140mm |
| 01-08-061 | Post squeeze off tool with tensioner assembly 160mm |
| 01-08-062 | Post squeeze off tool with tensioner assembly 180mm |
| 01-08-065 | Post squeeze off tool only 63mm |
| 01-08-066 | Post squeeze off tool only 75mm |
| 01-08-067 | Post squeeze off tool only 90mm |
| 01-08-068 | Post squeeze off tool only 110mm |
| 01-08-069 | Post squeeze off tool only 125mm |
| 01-08-070 | Post squeeze off tool only 140mm |
| 01-08-071 | Post squeeze off tool only 160mm |
| 01-08-072 | Post squeeze off tool only 180mm |
| 01-08-073 | Post squeeze off tool tensioner assembly only for 63, 75, 90, & 110mm |
| 01-08-074 | Post squeeze off tool tensioner assembly only for 125, 140, 160 & 180mm |
| 01-08-075 | Post squeeze off tool swing bolt only 63, 75, 90 & 110mm |
| 01-08-076 | Post squeeze off tool trunion only 63, 75, 90 & 110mm |
| 01-08-077 | Post squeeze off tool locking nut 63, 75, 90 & 110mm |
| 01-08-078 | Post squeeze off tool swing bolt only 125, 140, 160 & 180mm |
| 01-08-079 | Post squeeze off tool trunion only 125, 140, 160 & 180mm |
| 01-08-080 | Post squeeze off tool locking nut 125, 140, 160 & 180mm |

Vulcathene pattern positioning clamp with plastic reducing inserts 16-32mm



| Reference | Description |
|-----------|---|
| 53MK0003 | Vulcathene mini clamp with plastic inserts 16-32mm |
| C9010695 | Spare set of plastic reducing inserts 25mm black (4 pcs.) |
| C9010932 | Spare set of plastic reducing inserts 20mm white (4 pcs.) |
| C9010943 | Spare set of plastic reducing inserts 16mm red (4 pcs.) |

Superclamp straight multi size positioning clamp for any size combination from 20mm to 63mm



| Reference | Description |
|-----------|--|
| 01-08-116 | Superclamp for straight & reducing couplers 16,20,25,32,40,50 & 63mm |
| 01-10-130 | Superclamp for straight & reducing couplers 1/2" CTS-1.0"IPS |

Superclamp universal multi size positioning clamp



| Reference | Description |
|-----------|---|
| 01-08-117 | Superclamp universal for straight & elbow couplers 16,20,25,32,40,50 & 63mm |

Saddle branch outlet positioner kit with extra thin jaws for gripping short saddle lateral branches, can be used on straight, reduced and angle connections.



Atco gas riser connection clamp



| Reference | Description |
|-----------|---|
| 01-10-205 | Saddle branch connection clamp kit (straight/elbow) 16, 20, 25 & 32mm |
| 01-10-206 | Saddle branch connection clamp kit (multi body) 90° 20, 25 & 32mm |
| 01-10-211 | Saddle branch connection clamp with socket wrench |
| 01-10-212 | Saddle branch connection clamp kit plastic case with foam insert |
| 01-10-213 | Saddle branch connection clamp kit 16mm jaw set 90° 4 pcs |
| 01-10-214 | Saddle branch connection clamp kit 20mm jaw set 90° 4 pcs |
| 01-10-215 | Saddle branch connection clamp kit 25mm jaw set 90° 4 pcs |
| 01-10-216 | Saddle branch connection clamp kit 32mm jaw set 90° 4 pcs |
| 01-10-217 | Saddle branch connection clamp kit 16mm jaw set, straight, 4 pcs. |
| 01-10-218 | Saddle branch connection clamp kit 20mm jaw set, straight, 4 pcs. |
| 01-10-219 | Saddle branch connection clamp kit 25mm jaw set, straight, 4 pcs. |
| 01-10-220 | Saddle branch connection clamp kit 32mm jaw set, straight, 4 pcs. |
| 01-10-251 | Saddle branch connection clamp with 63mm jaws aluminium |
| 01-10-256 | Saddle branch connection clamp kit 63mm plastic case with foam insert |
| 01-10-260 | Saddle branch connection clamp kit 63mm jaw set 90° 4 pcs |
| 01-10-261 | Saddle branch connection clamp kit 63mm jaw set, straight, 4 pcs. |
| 01-10-262 | Saddle branch connection clamp kit 55mm jaw set 90° 4 pcs |
| 01-10-263 | Saddle branch connection clamp kit 55mm jaw set, straight, 4 pcs. |
| 01-10-264 | Saddle branch connection clamp kit 50mm jaw set 90° 4 pcs |
| 01-10-265 | Saddle branch connection clamp kit 50mm jaw set, straight, 4 pcs. |
| 01-10-266 | Saddle branch connection clamp kit 40mm jaw set 90° 4 pcs |
| 01-10-267 | Saddle branch connection clamp kit 40mm jaw set, straight, 4 pcs. |
| 01-10-270 | Saddle branch connection clamp kit (straight/elbow) 40, 50, 55 & 63mm |
| 01-10-230 | Atco gas 20 x 20mm PE to Copper riser elbow clamp |

Mini, midi & maxi clamp with detachable jaws



| Description | Description |
|-------------|--|
| 01-10-100 | Mini clamp tool with detachable jaws 16 x 20mm & 25 x 32mm |
| 01-10-001 | Mini clamp tool with detachable jaws 20 x 32mm only |
| 01-10-002 | Mini clamp tool with detachable jaws 25 x 32mm only |
| 01-10-003 | Mini clamp jawset only (4 pcs,) 25 x 32mm |
| 01-10-004 | Mini clamp jawset only (4 pcs,) 25 x 16mm |
| 01-10-005 | Mini clamp jawset only (4 pcs,) 20 x 32mm |
| 01-10-006 | Mini clamp jawset only (4 pcs,) 20 x 16mm |
| 01-10-010 | Mini clamp body block only |
| 01-10-101 | Midi clamp 20, 25 32 & 63mm U.K. jawset |
| 01-10-102 | Maxi clamp jawset only 25 x 20mm (4 pcs.) |
| 01-10-103 | Maxi clamp jawset only 32 x 20mm (4 pcs.) |
| 01-10-104 | Maxi clamp jawset only 32 x 25mm (4 pcs.) |
| 01-10-105 | Maxi clamp jawset only 40 x 32mm (4 pcs.) |
| 01-10-106 | Maxi clamp jawset only 50 x 32mm (4 pcs.) |
| 01-10-107 | Maxi clamp jawset only 50 x 40mm (4 pcs.) |
| 01-10-108 | Maxi clamp jawset only 63 x 32mm (4 pcs.) |
| 01-10-109 | Maxi clamp jawset only 63 x 40mm (4 pcs.) |
| 01-10-110 | Maxi clamp jawset only 63 x 50mm (4 pcs.) |
| 01-10-111 | Maxi clamp body only |
| 01-10-112 | Maxi clamp jawset only 75 x 55mm (4 pcs.) |
| 01-10-113 | Maxi clamp tool with detachable jaws 75 x 55mm |
| 01-10-114 | Maxi clamp jawset only 55 x 40mm (4 pcs.) |
| 01-10-115 | Maxi clamp tool with detachable jaws 20, 25, 32, 40, 50 & 63mm |
| 01-10-117 | Maxi clamp jawset only 63 x 90mm (4 pcs.) |
| 01-10-118 | Maxi clamp jawset only 125 x 110mm (4 pcs.) |

Magiclamp multi size positioning clamp 20-63 with automatically centring jaws shown in optional 3 way configuration with angle maker



| Reference | Description |
|-----------|---|
| 01-17-001 | Magiclamp positioner 20-63mm 2 way with angle maker base |
| 01-17-002 | Magiclamp positioner 20-63mm 3 way with angle maker base |
| 01-17-003 | 3 way adapter kit only |
| 01-17-004 | Magiclamp positioner 20-63mm 2 way with straight base |
| 01-17-005 | Magiclamp positioner jaw set only |
| 01-17-006 | Magiclamp positioner 2 way double jaw set extra long base |
| 01-17-007 | Magiclamp positioner 3 way adapter, jaw set & branch leg |
| 01-17-008 | Magiclamp positioner straight base only |
| 01-17-010 | Magiclamp angle maker base only |

Simple double ended straight positioning clamp



| Reference | Description |
|-----------|-------------------------------------|
| 01-11-001 | Simple double ended clamp 20 x 20mm |
| 01-11-002 | Simple double ended clamp 25 x 25mm |
| 01-11-003 | Simple double ended clamp 32 x 32mm |
| 01-11-004 | Simple double ended clamp 40 x 40mm |
| 01-11-005 | Simple double ended clamp 50 x 50mm |
| 01-11-006 | Simple double ended clamp 63 x 63mm |

Simple elbow positioning clamp



| Reference | Description |
|-----------|---|
| 01-14-001 | Simple elbow positioning clamp 20,25 & 32mm |
| 01-14-002 | Simple elbow positioning clamp 20,25, 32 & 63mm |

Superclamp pattern, mega positioning tool



| Reference | Description |
|-----------|--|
| 53MB0101 | Maxi positioning clamp 63, 75, 90, 110 & 125mm |

Joint master multi size positioning clamp shown in 2 & 3 way configuration



| Reference | Description |
|-----------|---|
| 01-09-001 | Joint master carrying bag |
| 01-09-002 | Joint master positioning clamp 63-180mm 3 way branch leg 750mm |
| 01-09-003 | Joint master positioning clamp 2 way straight base |
| 01-09-004 | Joint master positioning clamp 63-180mm with 500mm angle maker |
| 01-09-005 | Joint master positioning clamp 63-180mm with 750mm angle maker |
| 01-09-006 | Joint master positioning clamp 63-180mm 3 way 500mm branch tee |
| 01-09-007 | Joint master positioning clamp 63-180mm 3 way 750mm branch tee |
| 01-09-009 | Joint master positioning clamp 63-180mm spare Jaw set complete |
| 01-09-010 | Joint master positioning clamp 63-180mm tee branch adapter 500mm |
| 01-09-011 | Joint master positioning clamp 63-180mm jaw set & branch tee only |

Spacemaker positioning clamp 125 to 63mm limited access positioning clamp for inline & angle connections, excellent re rounding capability, recommended for use in narrow trench applications. Does not require angle maker.



| Reference | Description |
|-----------|--|
| 01-15-200 | Spacemaker clamp 63-125mm without reducing shells in bag |
| 01-15-210 | Spacemaker clamp reducing shell set 125-110mm (4 pcs.) plastic |

Self-tapping saddle cutter drive keys



| Reference | Description |
|-----------|--|
| 06-20-401 | Cutter drive key 12mm |
| 06-20-440 | Cutter drive key 12mm x 1/2" ratchet drive |
| 06-20-457 | Cutter drive key 17mm for Georg Fischer fittings |
| 06-20-513 | Cutter drive key 10mm square x 100mm long |
| 06-20-514 | Cutter drive key 3/8" x 1/2" drive |
| 01-20-522 | Cutter drive key 8mm x 200mm long |

Mains positioning clamp 63-180mm

with plastic shells for 2 & 3 way connections has excellent pipe re rounding ability



| Reference | Description |
|-----------|---|
| 01-15-001 | Mains restraining clamp 63-180mm straight base |
| 01-15-002 | Mains restraining clamp 63-180mm angle maker base |
| 01-15-003 | Angle maker base only 63-180mm |
| 01-15-004 | Mains clamp additional plastic shell set (4 pcs.) 180-125mm |
| 01-15-005 | Mains clamp additional plastic shell set (4 pcs.) 125-90mm |
| 01-15-006 | Mains clamp additional plastic shell set (4 pcs.) 125-63mm |
| 01-15-007 | Mains clamp additional plastic shell set (4 pcs.) 180-160mm |
| 01-15-008 | Mains clamp additional plastic shell set (4 pcs.) 180-140mm |
| 01-15-009 | Mains clamp additional plastic shell set (4 pcs.) 180-110mm |
| 01-15-010 | Mains clamp aluminium pipe holding ring only without shells |
| 01-15-011 | Mains clamp aluminium pipe holding ring only with 63,90 & 125mm shells |
| 01-15-012 | Mains restraining clamp 2 to 3 way adapter kit with 63,90 & 125mm shells |
| 01-15-013 | Mains restraining clamp 63-180mm 3 way complete |
| 01-15-015 | Mains restrain. clamp 63-180mm with double pipe rings for curved pipe no shells |
| 01-15-016 | Mains clamp additional plastic shell set (4 pcs.) 125-75mm |
| 01-15-019 | Angle fixing lock wing nut for angle maker |
| 01-15-020 | Mains restraining clamp 3 way 63-110-125-160 & 180mm with wood case |
| 01-15-021 | Mains restraining clamp 75-110-125-160 & 180mm straight |
| 01-15-022 | Mains restr clamp (double) 90-110-125-160 & 180 angle mkr. & straight base |
| 01-15-023 | Mains restraining clamp 63-180mm angle maker, saw & sawing guide |
| 01-15-024 | Mains restraining clamp double 1100mm straight base 90-180mm shells |
| 01-15-025 | Mains restr. Clamp (double) 1500mm angle maker 90-180mm shells |
| 01-15-027 | Mains restraining clamp 63-180mm straight base, saw & sawing guide |
| 01-15-028 | Mains restraining clamp Tee branch adapter 500mm diamond |
| 01-15-029 | Mains restraining clamp straight base only |
| 01-15-030 | Mains restraining clamp 90-110-125-160 & 180mm straight base |
| 01-15-031 | Mains restraining clamp 63-110-125-160 & 180mm angle maker & bag |
| 01-15-034 | Mains restraining clamp tee adapter 750mm diamond only |
| 01-15-037 | Mains clamp ½ set plastic shell set (2 pcs.) 125-63mm |
| 01-15-038 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 125-75mm |
| 01-15-039 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 125-90mm |
| 01-15-040 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 180-110mm |
| 01-15-041 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 180-125mm |
| 01-15-042 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 180-140mm |

| | |
|-----------|---|
| 01-15-043 | Mains clamp 63-180mm ½ set plastic shell set (2 pcs.) 180-160mm |
| 01-15-054 | Mains restraining clamp 63-180mm 3 way with saw & sawing guide |
| 01-15-055 | Mains restraining clamp (double) angle maker 63-90-125 & 180mm shells |
| 01-15-056 | Mains restraining clamp 63-180mm straight base no reducing liners |
| 01-15-057 | Mains restraining clamp 63-180mm angle maker base no reducing liners |
| 01-15-058 | Mains restraining clamp 63-180mm 3 way no reducing liners |
| 01-15-071 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 125-63mm |
| 01-15-072 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 125-75mm |
| 01-15-073 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 125-90mm |
| 01-15-074 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 180-110mm |
| 01-15-075 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 180-125mm |
| 01-15-076 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 180-140mm |
| 01-15-077 | Mains restraining clamp 63-180mm 1½ shell set (6 pcs.) 180-160mm |
| 01-16-109 | Mains restraining clamp 63-180mm sawing guide & saw only |

Mains restraining clamp 200mm for 2 & 3 way connections



| Reference | Description |
|-----------|--|
| 01-15-101 | Mains restraining clamp 63-200mm straight base no reducing shells |
| 01-15-102 | Mains restraining clamp 63-200mm angle maker base no reducing shells |
| 01-15-103 | Mains restraining clamp 63-200mm 3 way no reducing shells |
| 01-15-106 | Mains restraining clamp 63-200mm (double) straight base |
| 01-15-107 | Mains restr. clamp 63-200mm (double) angle maker no reducing shells |
| 01-15-108 | Mains clamp 63-200mm (double) 3 way no reducing shells |
| 01-15-110 | Mains restraining clamp 63-200mm shell set 200-180mm (4 pcs.) |
| 01-15-111 | Mains clamp 63-200mm ½ set plastic shell set (2 pcs.) 200-180mm |
| 01-15-078 | Mains clamp 63-200mm plastic shell set 200-180mm 3 way (6 pcs.) |

Mains restraining clamp 250-180mm for 2-3 way connections



| Reference | Description |
|-----------|--|
| 01-15-014 | Mains restraining clamp 250mm straight base with ratchet spanner |
| 01-15-017 | Mains restraining clamp 250mm 3 way without shells |
| 01-15-018 | Mains restraining clamp angle maker base only 250mm |
| 01-15-026 | Mains restraining clamp 250mm angle maker no shells |
| 01-15-049 | Mains restraining clamp 250mm (double)straight base, no shells |
| 01-15-051 | Mains restraining clamp 250mm (double) angle maker base |
| 01-15-080 | Mains restraining clamp reducing shell set 250-225 mm (4 pcs.) plastic. |
| 01-15-081 | Mains restraining clamp reducing shell set 250-200 mm (4 pcs.) plastic. |
| 01-15-082 | Mains restraining clamp reducing shell set 250-180 mm (4 pcs.) plastic. |
| 01-15-083 | Mains restraining clamp ½ reducing shell set 250-225mm (2 pcs.) plastic. |
| 01-15-084 | Mains restraining clamp ½ reducing shell set 250-200mm (2 pcs.) plastic. |
| 01-15-085 | Mains restraining clamp ½ reducing shell set 250-180mm (2 pcs.) plastic. |
| 01-15-086 | Mains restraining clamp 3 way reducing shell set 250-225mm (6 pcs.) plastic. |
| 01-15-087 | Mains restraining clamp 3 way reducing shell set 250-200mm (6 pcs.) plastic. |
| 01-15-088 | Mains restraining clamp 3 way reducing shell set 250-180mm (6 pcs.) plastic |

K pattern 63-250mm clamps with webbing strap & ratchet in 2 & 3 way configuration with reducing plates & sawing guide



| Reference | Description |
|-----------|--|
| 01-16-001 | K pattern clamp with webbing straps 63-250mm straight base |
| 01-16-002 | K pattern clamp with webbing straps 63-250mm angle maker base |
| 01-16-003 | K pattern clamp with webbing straps 63-250mm 3 way |
| 01-16-004 | K pattern clamp with webbing straps 63-250mm 3 way adapter kit only |
| 01-16-005 | K pattern clamp 63-250mm additional pipe carriage complete |
| 01-16-006 | K pattern clamp with webbing stp 63-250mm 3 way boxed with saw guide |
| 01-16-010 | K pattern clamp with webbing straps 63-250mm sawing guide & saw |
| 01-16-107 | K pattern clamp with webbing straps 63-250mm reducing plates |

K pattern 125-500mm clamps with webbing strap & ratchet in 2 way configuration with reducing plates & sawing guide



| Reference | Description |
|-----------|---|
| 01-16-100 | K pattern clamp 125-500mm additional pipe carriage complete |
| 01-16-101 | K pattern clamp with webbing straps 125-500mm 2 way straight base |
| 01-16-102 | K pattern clamp with webbing straps 125-500mm 2 way angle maker base |
| 01-16-103 | K pattern clamp with webbing straps 125-500mm 3 way complete |
| 01-16-104 | K pattern clamp with webbing straps 125-500mm 3 way adapter kit |
| 01-16-105 | K pattern clamp with webbing straps 125-500mm reducing plates (pair) |
| 01-16-106 | K pattern clamp with webbing straps 125-500mm angle maker only |
| 01-16-108 | K pattern clamp with webbing straps 125-500mm sawing guide & saw only |
| 01-16-110 | K pattern clamp with webbing straps 125-500mm tee branch leg only |

Pillar pressure clamps for top loading tapping saddles

(top loading clamps/Gee clamps.)



C & D

| Reference | Description |
|-----------|---|
| 01-12-001 | Top loading pillar clamp 63-250mm (C) |
| 01-12-002 | Top loading pillar clamp 63-400mm (D) |
| 01-12-005 | Top loading pillar clamp kick under 63-250mm (B) |
| 01-12-007 | Top loading pillar clamp kick under 63-250mm (A) |
| 01-12-004 | Elgev pattern miniature pillar clamp 40mm (F) |
| 01-12-008 | Kimplas pressure clamp for 32mm tapping saddles (E) |

Top loading pressure clamp, webbing strap mounted for fitting top loaded tapping saddles in confined spaces



| Reference | Description |
|-----------|---------------------------------------|
| 01-13-001 | Top loading webbing strap clamp 500mm |
| 01-13-002 | Spare webbing strap 500mm |
| 01-13-003 | Top loading webbing strap clamp 630mm |
| 01-13-004 | Spare webbing strap 630mm |



Adapter feet for branch saddles

| Reference | Description |
|-----------|--|
| 01-12-020 | Top loading clamp adapter foot 63 x 90mm |
| 01-12-021 | Top loading clamp adapter foot 63 x 90 x 125mm |

Polyethylene pipe squeezing off tools

Pocket size squeeze tools 20-42mm



| Reference | Description |
|-----------|--|
| 02-31-001 | Pocket size squeeze off tool without buffer stops 0-42mm |

Heavy duty double loop squeeze tool 16-32mm



| Reference | Description |
|-----------|---|
| 02-31-004 | Heavy duty double loop squeeze tool 16, 20, 25 & 32mm |

Heavy duty double loop squeeze tool 20-63mm

Colour may vary from example shown



| Reference | Description |
|-----------|---|
| 02-31-101 | Heavy duty double loop squeeze tool (U.K. plates) 20, 25, 32 & 63mm |
| 02-31-201 | Heavy duty double loop squeeze tool 20, 32, 40, 50 & 63mm |
| 02-31-202 | Heavy duty double loop squeeze tool 20, 25, 32, 40, 50 & 63mm SDR11 |
| 02-31-204 | Heavy duty double loop squeeze tool 20, 25, 32, 40, 50 & 63mm SDR17 |

Heavy duty double loop squeeze tool 20-63mm & bottom bar retaining chain



| Reference | Description |
|-----------|--|
| 02-31-203 | H. duty squeeze tool, bottom bar chain 20-63mm 3/4"-2" SDR11 |
| 02-31-205 | H. duty squeeze tool, bottom bar chain,20,25,32,40, 50 & 63 SDR11 |
| 02-31-206 | H. duty squeeze tool, bottom bar chain,20, 25,32,40,50 & 63 SDR17 |
| 02-31-208 | H. duty squeeze tool 20,25,32,40,50 & 63mm SDR11/17/26 |
| 02-31-209 | H. duty squeeze tool 20,25,32,40,50 & 63mm SDR 11/17 |
| 02-31-210 | H. duty squeeze tool Squeeze tool 20,25,32,40,50,63mm SDR 11 + 63 SDR 17.6 |

Super heavy duty squeeze tool 20-63mm, stainless steel feedscrew, removable tommy bar, hexagon ratchet drive



| Reference | Description |
|-----------|--|
| 02-31-401 | Super squeeze tool double loop 20,32,40,50 & 63mm SDR11 |
| 02-31-402 | Super squeeze tool double loop 20,32,40,50 & 63mm SDR17.6 |
| 02-31-501 | Super squeeze tool double loop U.K. buffer plate 20,25,32 & 63mm |
| 02-31-502 | Super squeeze tool double loop, buffer stops 20, 25, 32, 40, 50 & 63mm |

Heavy duty double loop squeeze tool 63-125mm (2012 pattern.)



| Reference | Description |
|-----------|---|
| 02-31-801 | H. duty double loop squeeze tool 63, 90, 110 SDR11 & 110,125mm SDR 17.6 |
| 02-31-803 | H. duty double loop squeeze tool 63, 75, 90, 110, 125mm SDR21 |
| 02-31-804 | H. duty double loop squeeze tool 63, 75, 90, 110, 125mm SDR17.6 |

Iron Man Hydraulically assisted "A" pattern squeeze tool with 63-125mm SDR11 & 17 buffer plates, separate hydraulic pump



| Reference | Description |
|-----------|--|
| 02-31-810 | Iron man squeeze tool with pump 63, 75, 90, 110, 125mm SDR11 |
| 02-31-811 | Iron man squeeze tool with pump 63-125mm SDR11, 63-125mm SDR17.6 |
| 02-31-812 | Iron man squeeze tool hydraulic pump only |
| 02-31-815 | Iron man squeeze tool with pump 63-125mm SDR17 |
| 02-31-820 | Iron man squeeze tool with pump 63-125mm SDR 11 & 17.6 |

Heavy duty double loop hydraulically assisted squeeze tool 63-180mm with 15 tonne Weber jack, removable bottom squeeze bar, stop pins, external retractor springs



| Reference | Description |
|-----------|--|
| 02-31-601 | Squeeze tool Weber jack, U.K plates 63,90, 125 & 180mm SDR11/17.6 |
| 02-31-602 | Squeeze tool Weber jack 63,90,110,125,140,160 & 180mm SDR 11/17 |
| 02-31-603 | Squeeze tool Weber jack 2,3,4 & 6" IPS plates |
| 02-31-604 | Squeeze tool Weber jack, 63,90,110,125,140,160 & 180mm SDR11 |
| 02-31-605 | Squeeze tool Weber jack, 63,90,110,125,140,160 & 180mm SDR17 |
| 02-31-606 | Squeeze tool Home jack 63,90, 110,125,140,160 & 180mm SDR 11/17/21 |
| 02-31-607 | Squeeze tool Home jack 63,90,125 & 180mm SDR11/17.6 |
| 02-31-625 | Spare jack operating handle 3 pce tubular |
| 02-31-627 | Spare buffer stop plate 63,90,110,125,140,160 & 180mm SDR17 (1 only) |
| 02-31-628 | Spare buffer stop plate 63,90,110,125,140,160 & 180mm SDR11 (1 only) |
| 02-31-629 | Spare buffer stop plate U.K. 63,90,125 & 180mm SDR11/17 |

Heavy duty double loop hydraulically assisted squeeze tool 75-200mm with double lift 16tonne Home jack, removable bottom squeeze bar, stop pins, external retractor springs

| Reference | Description |
|-----------|--|
| 02-31-650 | Squeeze tool, Home jack 75,90,110,125,140,160,180 & 200mm SDR11 |
| 02-31-651 | Squeeze tool, Home jack 75,90,110,125,140,160,180 & 200mm SDR17 |
| 02-31-652 | Squeeze tool, Home jack 75,90,110,125,140,160,180 & 200mm SDR11/17 |



Heavy duty A frame double loop tall hydraulic squeeze tool 160-250mm

Double bottom squeeze bar, anti-roll pins, external retractor springs, stop pins, 25 Tonne Nike jack



| Reference | Description |
|-----------|--|
| 02-31-701 | Squeeze tool, hydraulic power 160, 180, 200, 225 & 250mm SDR11/17 |
| 02-31-702 | Squeeze tool, hydraulic power 160, 180, 200, 225 & 250mm SDR11/17/26 |
| 02-31-710 | Spare jack operating handle with M8 socket key 160-250mm tool |
| 02-31-711 | Spare bottom bar (with groove.)160-250mm squeeze tool |
| 02-31-712 | Spare bottom bar (without groove.)160-250mm squeeze tool |
| 02-31-713 | Spare top squeeze bar 160-250mm squeeze tool |
| 02-31-714 | Spare buffer stop plate 160-250mm SDR17 (each) |
| 02-31-715 | Spare buffer stop plate 160-250mm SDR11 (each) |
| 02-31-716 | Spare leak check lock pin with plastic clip (each) |
| 02-31-717 | Spare M20 safety screwed longthread (each.) |
| 02-31-718 | Spare Nike 25 tonne jack control valve |
| 02-31-720 | Spare jack safety lock collar |
| 02-31-721 | Spare lifting handle with plastic grip |
| 02-31-722 | Spare 25 tonne hydraulic jack pre drilled |
| 02-31-723 | Spare external retractor spring (each.) |
| 02-31-724 | Spare frame loop leg with lifting handle. |
| 02-31-725 | Spare anti roll pin for upper bottom bar. |

Heavy duty economy double loop hydraulic squeeze off tool 160-250mm

Mk.2 Heavy duty, economy double loop low line hydraulic squeeze tool. 160-250mm SDR 11/17
4 external retractor springs, stop pins,
35 tonne home jack



| Reference | Description |
|-----------|--|
| 02-31-703 | Mk 2 heavy duty economy squeeze tool 160-250mm |

Hydraulically powered double pillar squeeze tool with single lift jack 250-315mm, fully dismountable for ease of transportation, supplied without buffer stop cylinders



| Reference | Description |
|-----------|---|
| 02-31-901 | Squeeze tool 250-315mm dismountable, without buffer stops |
| 02-31-902 | Set of 2 safety buffer stops for dismountable squeeze tool 250mm x SDR11 (2 pcs.) |
| 02-31-903 | Set of 2 safety buffer stops for dismountable squeeze tool 280mm x SDR11 |
| 02-31-904 | Set of 2 safety buffer stops for dismountable squeeze tool 315mm x SDR11 colour black |
| 02-31-905 | Set of 2 safety buffer stops for dismountable squeeze tool 250mm x SDR17 colour red |
| 02-31-906 | Set of 2 safety buffer stops for dismountable squeeze tool 280mm x SDR17 colour blue |
| 02-31-907 | Set of 2 safety buffer stops for dismountable squeeze tool 315mm x SDR17 colour white |
| 02-31-908 | Jack space piece, dismountable squeeze tool for 315mm SDR11 & 17 |
| 02-31-909 | Jack space piece, dismountable squeeze tool 200,225 & 250mm SDR11 & 17 |
| 02-31-919 | Set of 2 safety buffer stops for dismountable squeeze tool 250mm x SDR21 |
| 02-31-920 | Set of 2 safety buffer stops for dismountable squeeze tool 280mm x SDR21 colour orange |
| 02-31-921 | Set of 2 safety buffer stops for dismountable squeeze tool 315mm x SDR21 colour yellow |
| 02-31-922 | Set of 2 safety buffer stops for dismountable squeeze tool 250mm x SDR17.6 |
| 02-31-923 | Set of 2 safety buffer stops for dismountable squeeze tool 280mm x SDR17.6 colour green |
| 02-31-924 | Set of 2 safety buffer stops for dismountable squeeze tool 315mm x SDR17.6 |
| 02-31-930 | Set of 2 safety buffer stops for dismountable squeeze tool 200mm x SDR11 |
| 02-31-931 | Set of 2 safety buffer stops for dismountable squeeze tool 200mm x SDR17 colour gold |
| 02-31-932 | Set of 2 safety buffer stops for dismountable squeeze tool 200mm x SDR17.6 |
| 02-31-933 | Set of 2 safety buffer stops for dismountable squeeze tool 200mm x SDR21 colour black |
| 02-31-935 | Set of 2 safety buffer stops for dismountable squeeze tool 225mm x SDR11 colour silver |
| 02-31-936 | Set of 2 safety buffer stops for dismountable squeeze tool 225mm x SDR17 colour grey |
| 02-31-937 | Set of 2 safety buffer stops for dismountable squeeze tool 225mm x SDR17.6 |
| 02-31-938 | Set of 2 safety buffer stops for dismountable squeeze tool 225mm x SDR21 |

Pipe cutting tools, spares & accessories

Hand shears for plastic pipes for polyethylene, p.v.c, Polypropylene, not for cutting lead pipe, steel or iron Pipe, electric cables



B



A



C

| | Description |
|-----------|--|
| 04-61-201 | Hand pipe shears 42mm standard type(B) |
| 04-61-202 | Hand pipe shears 63mm standard type (C) |
| 04-61-203 | Hand pipe shears 42mm high quality coated handles(A) |
| 04-61-204 | Hand pipe shears 42mm with coated handles not shown |
| 04-61-206 | Spare blade for 42mm high quality shears. |
| 04-61-220 | Hand pipe shears 63mm with coated handles not shown |

Calder hinged pipe cutting tool for ductile iron

Cast iron & steel.

| Reference | Description |
|-----------|---|
| 06-61-213 | Caldertech hinged pipe cutter CTL 2½"- 4" |
| 06-61-214 | Caldertech hinged pipe cutter CTL 4"- 6" |
| 06-61-215 | Caldertech hinged pipe cutter CTL 6" – 8" |
| 06-61-216 | Caldertech hinged pipe cutter CTL 8" – 12" |
| 05-14-012 | Replacement cutter wheel universal CTL½"- 2½" |
| 05-14-013 | Replacement cutter wheel universal CTL2½"- 4" |
| 05-14-014 | Replacement cutter wheel universal CTL 4" – 12" |
| 05-14-016 | Replacement cutter wheel axle pin CTL ½"- 4" |
| 05-14-017 | Replacement cutter wheel axle pin CTL 4"- 12" |



Virax Guillotine pipe cutter (non Caldervale product.)



| Reference | Description |
|-----------|--|
| 04-61-207 | Virax Guillotine cutter 125mm |
| 04-61-208 | Replacement guillotine blade Virax 125mm cutter |
| 04-61-209 | Replacement guillotine blade, Virax 225mm cutter |
| 04-61-210 | Virax Guillotine cutter 225mm |
| 04-61-211 | Virax Guillotine cutter 315mm |
| 04-61-213 | Replacement guillotine blade, Virax 315mm cutter |

Caldertech single cutting wheel rotary pipe cutter for plastic pipes



| Reference | Description |
|-----------|---|
| 04-61-216 | Caldertech rotary plastic pipe cutter 50-127mm (12mm cutting depth.) |
| 04-61-218 | Spare cutter wheel for 50-127mm pipe cutter |
| 04-61-219 | Caldertech rotary plastic pipe cutter 110-160mm (14mm cutting depth.) |
| 04-61-217 | Spare cutter wheel for 110-160mm pipe cutter |

Pipe external diameter callipers, (stainless steel.)



| Reference | Description |
|-----------|--|
| 04-61-001 | External pipe calliper heavy duty 12"/300mm |
| 04-61-002 | External pipe calliper heavy duty 24"/600mm |
| 04-61-003 | External pipe calliper heavy duty 36"/1000mm |
| 04-61-004 | External pipe calliper heavy duty 48"/1200mm |
| 04-61-005 | External calliper light duty 12"/300mm |
| 04-61-006 | External calliper light duty 6"/150mm |
| 04-61-007 | External pipe calliper heavy duty 60"/1600mm |

Pre fusion wipes, Isopropyl alcohol/water/ Methyl alcohol
300 x 280mm, 150 pcs/ tub



| Reference | Description |
|-----------|---|
| 06-20-410 | Tub of pre weld alcohol wipes 70% Isopropyl alcohol/30% water |
| 06-20-475 | Tub of pre weld alcohol wipes 90% Isopropyl alcohol/10% water |
| 06-20-524 | Tub of pre weld alcohol wipes 97% Isopropyl alcohol/3% Methyl alcohol (methanol)* |

*Care should be taken handling Methyl alcohol aka Methanol, Wood alcohol, Wood naphtha

Venturi jet drainer for draining water filled excavations requires compressed air supply.



| Reference | Description |
|-----------|--------------------------------|
| 03-48-007 | Venturi jet excavation drainer |

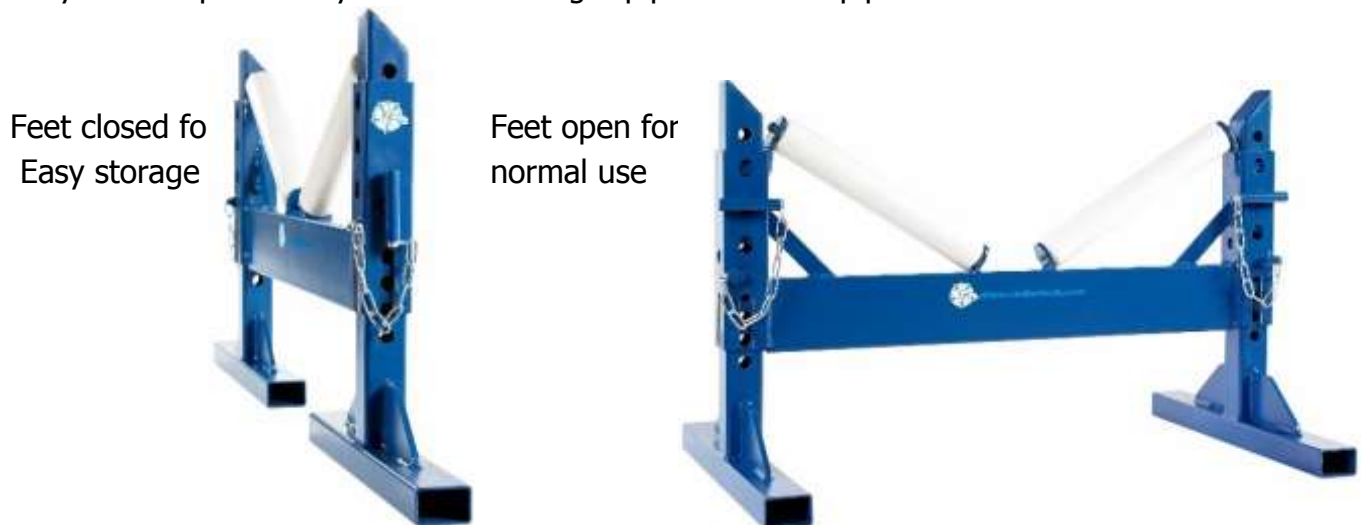
Pipe rollers.

Layflat variable height pipe rollers medium size for Polyethylene Pipe up to 355mm



| Reference | Description |
|-----------|---------------------------------------|
| 53MY001 | Pipe roller, layflat type up to 355mm |

Easy-store H pattern layflat variable height pipe rollers for pipe sizes 400-710mm



| Reference | Description |
|-----------|--|
| 53MY0002 | Pipe roller variable height easy-store lay flat type 400-710mm |

Pipe towing heads, adapters & accessories

Conical towing adapters for small pipes 20-32mm



| Reference | Description |
|-----------|---|
| 04-73-001 | Conical towing adapter 20-32mm threaded connector for metric thread |
| 04-73-002 | Conical towing adapter 20-32mm bayonet connector for mole hose |
| 04-73-020 | Conical towing adapter 20-32mm shackle connector for towing cable eye |

Pipe internal expanding towing head

Standard towing head.



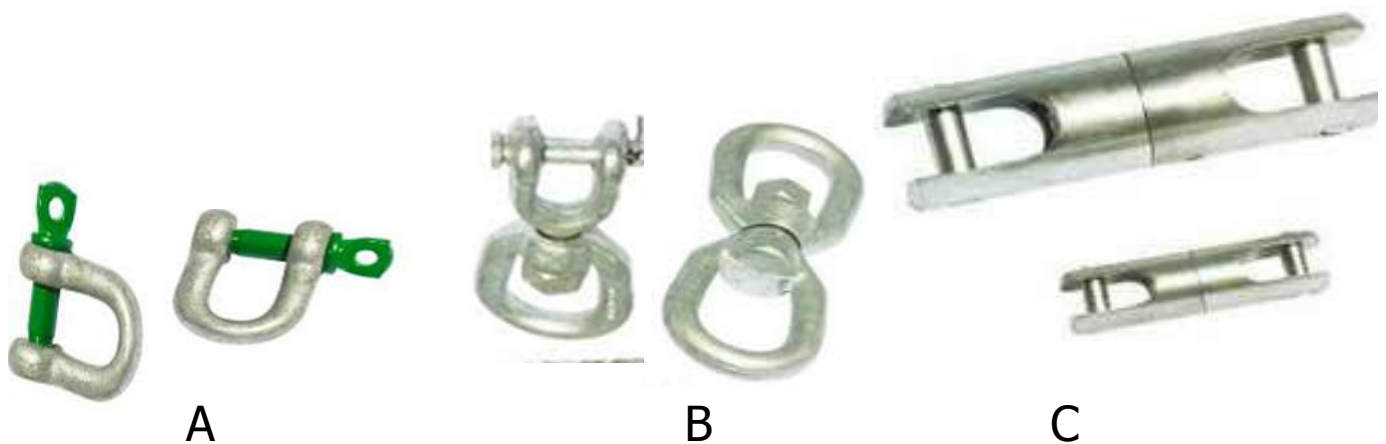
Mud type towing head.



| Reference | Description |
|-----------|--|
| 04-73-003 | Internal expanding towing head 55mm SDR11/17 |
| 04-73-004 | Internal expanding towing head 63mm SDR11/17/21 |
| 04-73-005 | Internal expanding towing head 75mm SDR11/17 |
| 04-73-006 | Internal expanding towing head 90mm SDR11/17/21 |
| 04-73-007 | Internal expanding towing head 110mm SDR11/17 |
| 04-73-008 | Internal expanding towing head 125mm SDR11/17/21 |
| 04-73-009 | Internal expanding towing head 140mm SDR11/17 |
| 04-73-010 | Internal expanding towing head 160mm SDR11/17 |
| 04-73-011 | Internal expanding towing head 180mm SDR11/17 |
| 04-73-012 | Internal expanding towing head 200mm SDR11/17 |
| 04-73-013 | Internal expanding towing head 213mm SDR11/17 |
| 04-73-014 | Internal expanding towing head 225mm SDR11/17 |
| 04-73-015 | Internal expanding towing head 250mm SDR11/17 |
| 04-73-016 | Internal expanding towing head 40mm SDR11/17 |
| 04-73-017 | Internal expanding towing head 50mm SDR11/17 |
| 04-73-018 | Internal expanding towing head 200mm SDR21 |
| 04-73-034 | Internal expanding towing head 400mm SDR17.6 |
| 04-73-035 | Internal expanding towing head 450mm SDR11 |
| 04-73-036 | Internal expanding towing head 25mm SDR11/17 |
| 04-73-037 | Internal expanding towing head 32mm SDR11/17 |
| 04-73-038 | Internal expanding towing head 315mm SDR11/17 |
| 04-73-039 | Internal expanding towing head 250mm SDR21 |
| 04-73-040 | Internal expanding towing head 280mm SDR21 |
| 04-73-041 | Internal expanding towing head 355mm SDR11/17 |
| 04-73-042 | Internal expanding towing head 280mm SDR11/17 |
| 04-73-043 | Internal expanding towing head 213mm SDR26 |
| 04-73-044 | Internal expanding towing head 315mm SDR21/26 |
| 04-73-056 | Internal expanding towing head mud tight 32mm SDR11/17 |
| 04-73-057 | Internal expanding towing head mud tight 90mm SDR11/17/21 |
| 04-73-058 | Internal expanding towing head mud tight 110mm SDR11/17/21 |
| 04-73-059 | Internal expanding towing head mud tight 125mm SDR11/17/21 |
| 04-73-062 | Internal expanding towing head mud tight 180mm SDR11/17/21 |
| 04-73-064 | Mud tight expanding towing head 40mm SDR11/17 |

| | |
|-----------|---|
| 04-73-065 | Mud tight expanding towing head 63mm SDR11/17 |
| 04-73-090 | Spare O ring set for internal expanding towing head 63mm |
| 04-73-091 | Spare O ring set for internal expanding towing head 75mm |
| 04-73-092 | Spare O ring set for internal expanding towing head 90mm |
| 04-73-093 | Spare O ring set for internal expanding towing head 110mm |
| 04-73-094 | Spare O ring set for internal expanding towing head 125mm |
| 04-73-097 | Spare O ring set for internal expanding towing head 180mm |
| 04-73-098 | Spare O ring set for internal expanding towing head 140mm |
| 04-73-099 | Spare O ring set for internal expanding towing head 250mm |

Towing head connectors



| Reference | Description |
|-----------|---|
| 04-74-010 | Dee shackle with blue pin 1/4 inch (0.5 ton.) A image |
| 04-74-011 | Dee shackle with blue pin 3/8 inch (1.0 ton.) A image |
| 04-74-012 | Dee shackle with blue pin 7/16 inch (1.5 ton.) A image |
| 04-74-013 | Dee shackle with blue pin 1/2 inch (2.0 ton.) A image |
| 04-74-014 | Dee shackle with blue pin 5/8 inch (3.25 ton.) A image |
| 04-74-017 | Dee shackle 10mm commercial untested A image |
| 04-74-018 | Dee shackle 12mm commercial untested A image |
| 04-74-019 | Dee shackle with blue pin 5/16 inch (0.75 ton.) A image |
| 04-74-021 | Dee shackle blue pin 3/4 inch (4.75 ton) A image |
| 04-74-022 | Dee shackle blue pin 7/8 inch (6.5 ton) A image |
| 04-74-029 | Swivel eye to eye 6.0mm (0.4 ton) B upper image. |
| 04-74-030 | Swivel eye to eye 8.0mm (0.5 ton) B upper image |
| 04-74-031 | Swivel eye to eye 10.0mm (1.0 ton) B upper image |
| 04-74-032 | Swivel eye to eye 12.0mm (1.6 ton) B upper image |
| 04-74-033 | Swivel eye to eye 16.0mm (2.4 ton) B upper image |
| 04-74-035 | Swivel eye to jaw 8mm (0.5 ton) B lower image |
| 04-74-036 | Swivel eye to jaw 10mm (1.0 ton) B lower image |
| 04-74-037 | Swivel eye to jaw 13mm (1.6 ton) B lower image |
| 04-74-038 | Swivel eye to jaw 16mm (2.4 ton) B lower image |
| 07-01-011 | Cable roller swivel link 2.0 ton tested C image |
| 07-01-012 | Cable roller swivel link 5.0 ton tested C image |

Cable towing stockings (Chinese finger puzzles)



| Reference | Description |
|-----------|--|
| 04-72-001 | Towing stocking single eye 6-13mm SE1 |
| 04-72-002 | Towing stocking single eye 13-19mm SE2 |
| 04-72-003 | Towing stocking single eye 19-25mm SE3 |
| 04-72-004 | Towing stocking single eye 25-38mm SE4 |
| 04-72-005 | Towing stocking single eye 38-50mm SE5 |
| 04-72-006 | Towing stocking single eye 50-63mm SE6 |
| 04-72-007 | Towing stocking single eye 63-89mm SE7 |
| 04-72-008 | Towing stocking single eye 89-115mm SE8 |
| 04-72-009 | Towing stocking single eye 110-135mm SE9 |



Iron pipe bursting wedge

| Reference | Description |
|-----------|----------------------------|
| 05-13-408 | Bursting wedge 5/8 pattern |

Syphon lift pump 3/4" BSP Connection



| Reference | Description |
|-----------|---|
| 03-48-006 | Caldertech syphon lift pump 1" BSP connection |