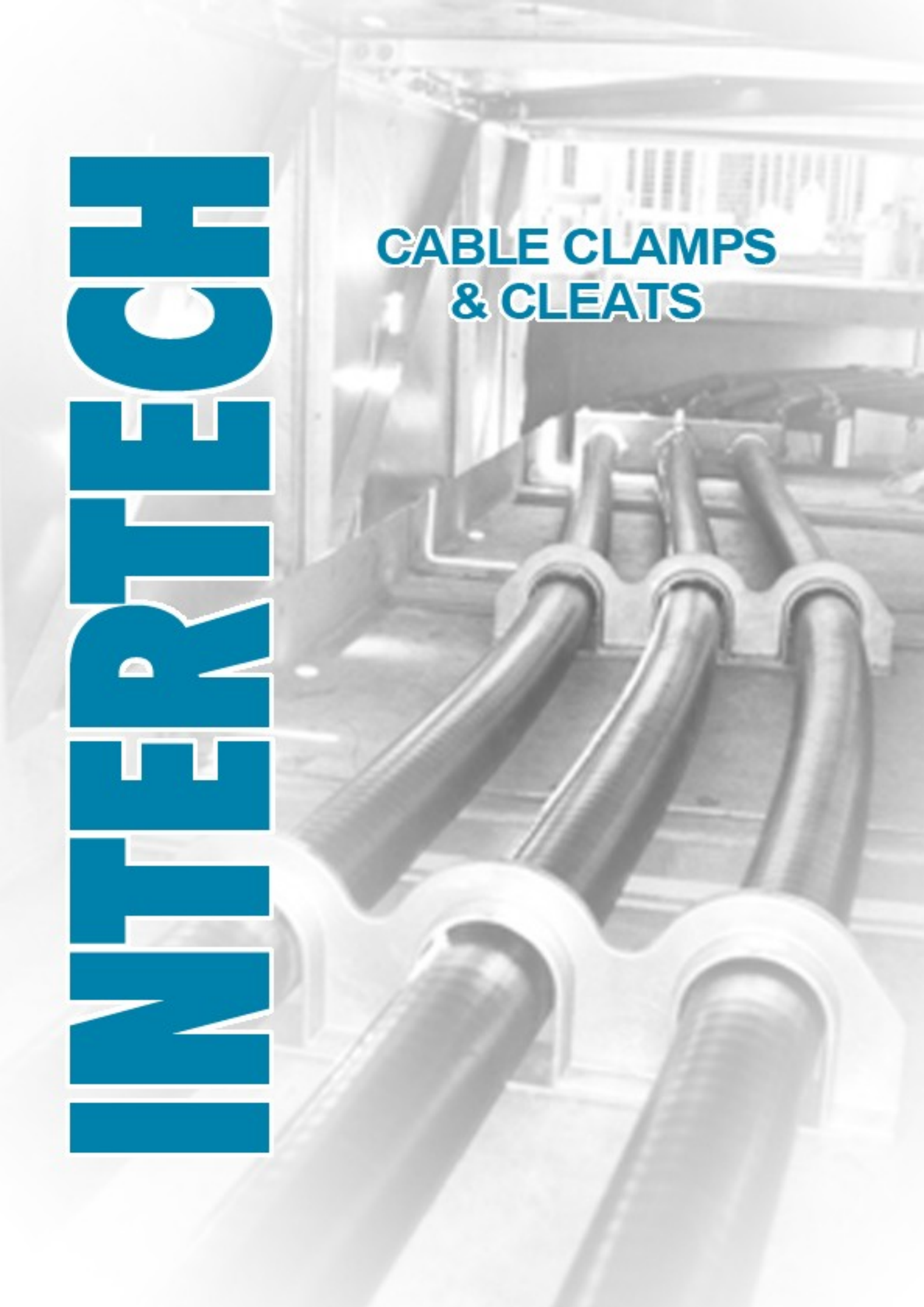
INTERTECH

# CABLE CLAMPS & CLEATS



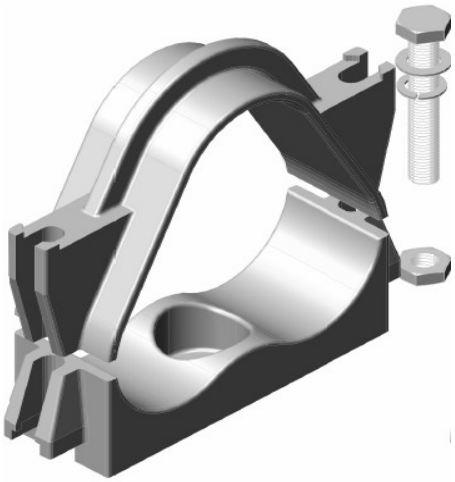
# Contents

# CABUS Cable Clamps

Securing all types of cable is important from both the reliability and safety aspects as insufficient or poor clamping can damage cables and cable accessories, putting your network and people at risk!

Intertech Offers:

- A complete range of CABUS clamps available to suit most applications.
- A full range of Fault Rated trefoil cable clamps.
- Fast and efficient service.
- Expert staff with many years in the design and manufacture of CABUS clamps.
- Special designs also available.



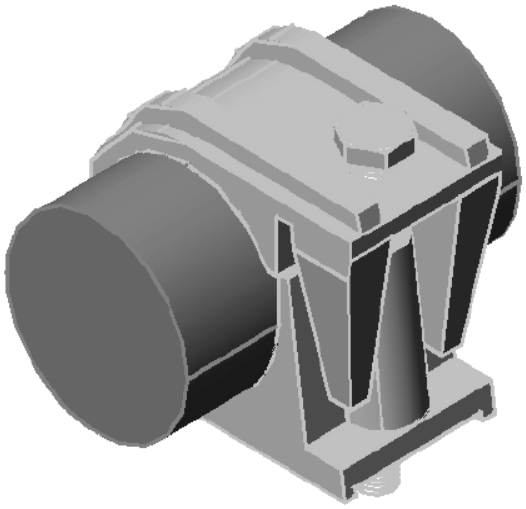
*CABUS 54 Series Clamp*

Intertech is a major manufacturer and supplier of cable clamps to Australia and NZ.

54 Series Fault Rated trefoil clamps
carrying 33kV distribution cables in racked configuration

# CABUS Cast Aluminium Single Cable Clamps – 51 Series

The cast aluminium Supergrip Series clamps are designed for use in applications using Unistrut style channels. The unique interlocking design of the base and top prevents the clamp opening under axial cable forces.

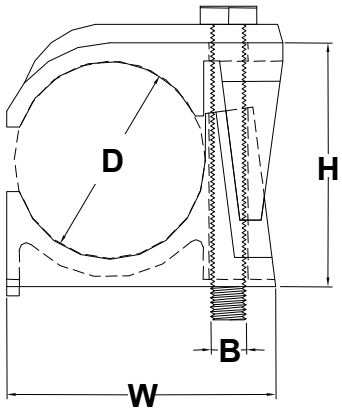


Features include:

- The top-to-base interlock relieves bending stress on the fixing bolt and allows a higher clamping force without kinking or pinching the cable.
- The base fits into standard mounting channels and provides automatic alignment and prevents twisting under load.
- Self aligning, compact design makes installation quick, simple and positive.
- Non-magnetic for single core cables.

**Clamp Dimensions:**

| Clamp No. | Cable OD (D) (mm) | H (mm) | W (mm) | Bolt Diameter[1] (B) (mm) |
|---|---|---|---|---|
| 5125 | 19-25 | 31 | 41 | 10 |
| 5130 | 24-30 | 36 | 46 | 10 |
| 5135 | 29-35 | 41 | 51 | 10 |
| 5141 | 34-41 | 48 | 58 | 10 |
| 5147 | 40-47 | 54 | 64 | 10 |
| 5154 | 46-54 | 61 | 71 | 10 |




1 - Fixing bolt supplied by customer

**Neoprene Inserts (NI)**
Due to the small size of these clamps, neoprene inserts are not available. The internal cable bearing surfaces are designed to prevent damage to the cable sheath.

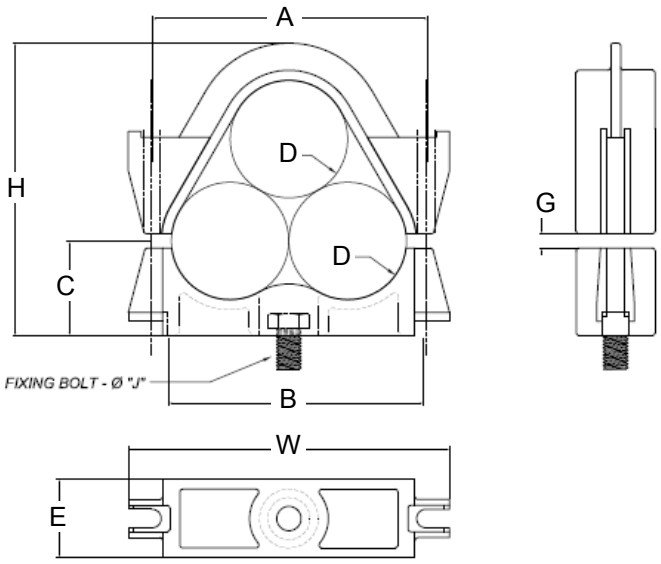
## CABUS Cast Aluminium Trefoil Cable Clamps – 54 Series

Cast Aluminium Trefoil Clamps are designed for strength and ease of installation and provide tested bursting strength cable fixing at economic prices.

Features of the widely specified 54 series include:

- Cables can be laid directly onto the fixed bases – reducing cable installation time.
- Simple clamping with bolts which fit into side slots in base and top.
- Manufactured from silicone aluminium alloy AC601 which combines high strength, and out standing corrosion resistance.
- Also available in manganese bronze as special orders.
- Designed and tested for high bursting strength ranging to over 20kN. Type test reports available upon request.
- Cable diameters outside those shown below can be accommodated by our design and build service.
- Neoprene inserts provide a compressible cable bearing surface.

# CABUS Cast Aluminium Trefoil Cable Clamps – 54 Series




| Clamp No. | Cable OD (mm) | A | B | C | E | G | H | Fixing Bolt[1] | Side Bolt[2] | W |
|---|---|---|---|---|---|---|---|---|---|---|
| **5420** | 19-20 | 58 | 73 | 16 | 35 | 4 | 51 | [3] | M8 | 81 |
| **5427** | 25-27 | 68 | 80 | 22 | 38 | 5 | 71 | [3] | M8 | 89 |
| **5429** | 27-29 | 70 | 80 | 22 | 38 | 5 | 73 | [3] | M8 | 89 |
| **5435** | 33.5-35 | 87 | 76 | 30 | 38 | 5 | 97 | M10 | M8 | 108 |
| **5437** | 35-37 | 87 | 80 | 32 | 38 | 5 | 97 | M12 | M10 | 111 |
| **5440** | 38-40 | 98 | 88 | 35 | 40 | 6.5 | 104 | M12 | M10 | 118 |
| **5442** | 40.5-42.5 | 102 | 94 | 35 | 41 | 6.5 | 111 | M12 | M10 | 124 |
| **5448** | 46-48 | 113 | 104 | 40 | 45 | 6.5 | 122 | M12 | M10 | 134 |
| **5452** | 50-52 | 122 | 112 | 40 | 45 | 6.5 | 127 | M12 | M10 | 143 |
| **5454** | 52-54 | 126 | 116 | 42 | 45 | 6.5 | 131 | M12 | M10 | 148 |
| **5456** | 54-56 | 130 | 121 | 45 | 47 | 6.5 | 135 | M12 | M10 | 151 |
| **5459** | 56.5-59 | 130 | 121 | 45 | 48 | 6.5 | 137 | M16 | M10 | 152 |
| **5463** | 60-63 | 152 | 140 | 50 | 60 | 7 | 160 | M16 | M12 | 180 |
| **5467** | 64-67 | 160 | 148 | 53 | 60 | 7 | 167 | M16 | M12 | 188 |
| **5471** | 67-71 | 169 | 156 | 57 | 61 | 7 | 177 | M16 | M12 | 197 |
| **5478** | 75-78 | 182 | 170 | 58 | 62 | 7 | 187 | M16 | M12 | 212 |
| **5482** | 79-82 | 191 | 180 | 62 | 62 | 9.5 | 199 | M16 | M12 | 228 |
| **5488** | 84-88 | 202 | 190 | 66 | 65 | 10 | 201 | M16 | M12 | 235 |
| **5495** | 93-95 | 218 | 204 | 71 | 67 | 12 | 223 | M16 | M12 | 253 |

1 - Fixing Bolt is customer supplied
2 - Side bolts are supplied with all clamps except 5420, 5427 and 5429. Standard bolt type is 304 stainless steel.

**Neoprene Inserts (NI)**
Neoprene inserts available for 54 series clamps. Add NI suffix to clamp no. i.e. 5454NI
Standard NI insert is 3mm thick. Other sizes are available upon request.

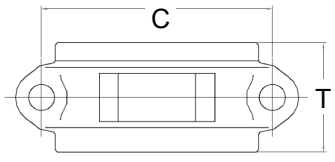
# CABUS Cast Aluminium Single Cable Clamps – 58 & 59 Series

Simple two-bolt fix and locate cable clamp suitable for either: Channel mount (58 series) or Surface mount (59 series).

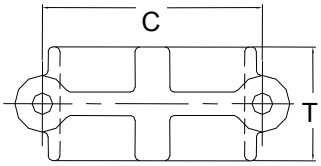
58 series channel mount design interlocks with standard UNISTRUT fixing channels.

| Clamp No. | Cable OD (mm) | C (mm) | W (mm) | T (mm) | H (mm) | Fixing Bolt Length (mm) | Fixing Bolt Hole dia (mm) |
|---|---|---|---|---|---|---|---|
| **5857** | 50-57 | 77 | 99 | 45 | 69 | 60* | 10 |
| **5864** | 56-64 | 84 | 106 | 45 | 76 | 60* | 10 |
| **5870** | 62-70 | 90 | 112 | 45 | 82 | 70* | 10 |
| **5877** | 68-77 | 97 | 119 | 45 | 89 | 75* | 10 |
| **5884** | 75-84 | 105 | 127 | 50 | 96 | 75* | 10 |
| | | | | | | | |
| **5955** | 50-55 | 70 | 93 | 45 | 67 | - | 10 |
| **5960** | 55-60 | 73 | 96 | 45 | 72 | - | 10 |
| **5967** | 61-67 | 80 | 105 | 45 | 79 | - | 10 |
| **5974** | 70-74 | 89 | 112 | 50 | 88 | - | 10 |
| **5978** | 73-78 | 92 | 114 | 50 | 94 | - | 10 |
| **5981** | 76-81 | 96 | 121 | 50 | 95 | - | 8 |
| **5987** | 82-87 | 102 | 126 | 50 | 101 | - | 8 |
| **5992** | 86-92 | 110 | 134 | 59 | 118 | - | 12 |
| **5998** | 91-98 | 114 | 138 | 55 | 125 | - | 10 |
| **59105** | 101-105 | 124 | 154 | 65 | 120 | - | 12 |
| **59123** | 118-123 | 149 | 185 | 52 | 170 | - | 12 |

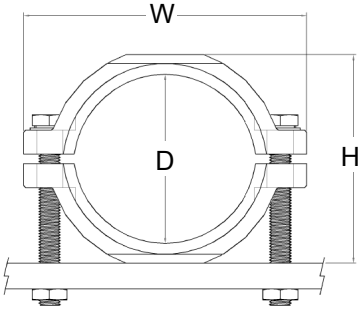
*Fixing Bolts not supplied. Recommended Length based on fixing to channel with standard channel nut (3/8" or M10 bolt)

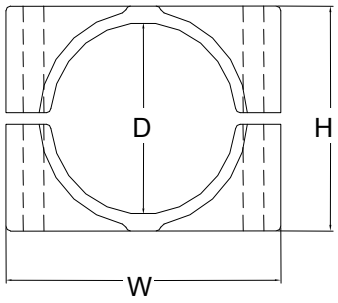



**58 Series**




**59 Series**




**Neoprene Inserts (NI)**

Neoprene Inserts Available. Add NI to Clamp No. e.g. 5870NI

Standard NI insert is 3mm thick. Other sizes are available upon request.

# CABUS Cast Aluminium Single Cable Clamps – 60 Series

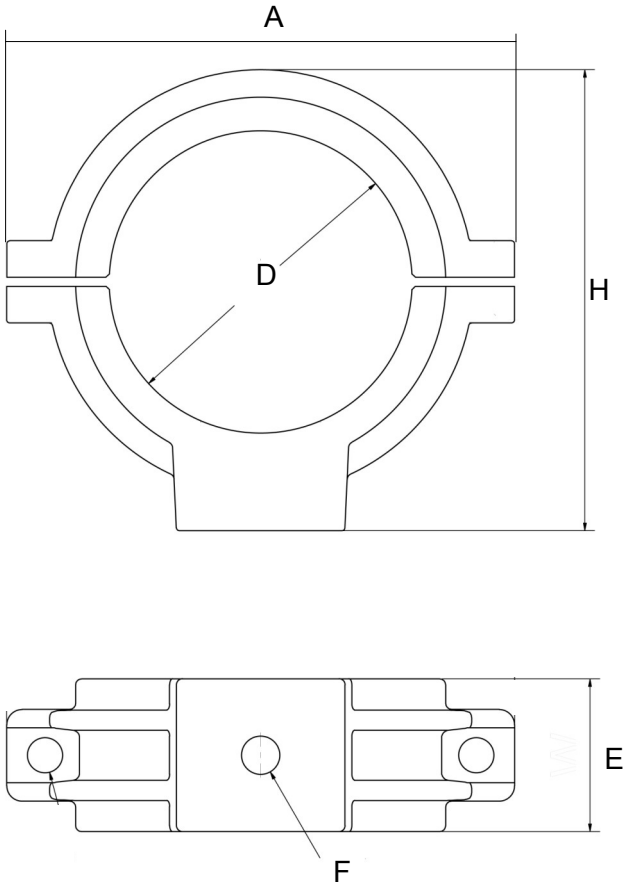
60 Series clamps are a special design for single point mounting of large diameter cables, whether they are single core or three core.

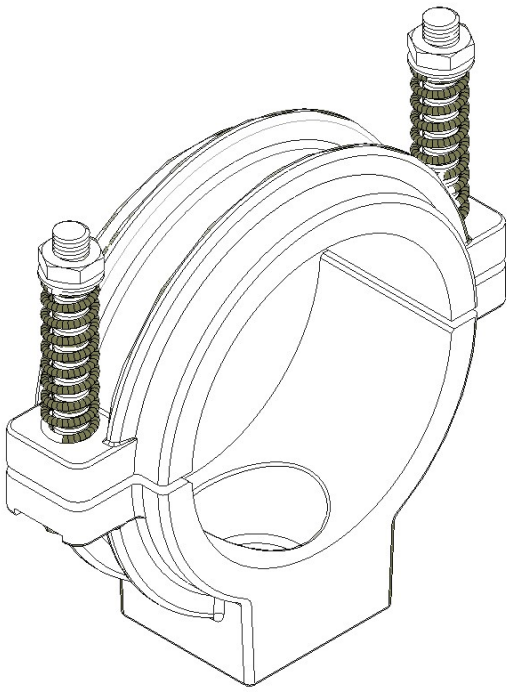
The design uses a single fixing bolt and two clamping bolts, fitted with a spring system to ensure constant pressure is applied to the clamp for the duration of its life and also reduces the chance of damage to the cable in the case of a fault.

The 60 series clamps are supplied with neoprene inserts as standard.

| Clamp No. | Cable OD (mm) | A (mm) | E (mm) | H (mm) | F [1 2] |
|---|---|---|---|---|---|
| **6095** | 93 - 95 | 166 | 50 | 151 | M12 |
| **60112** | 106 - 108 | 180 | 50 | 165 | M12 |

1 - Fixing Bolt is customer supplied
2 - Standard bolt type is 304 stainless steel.

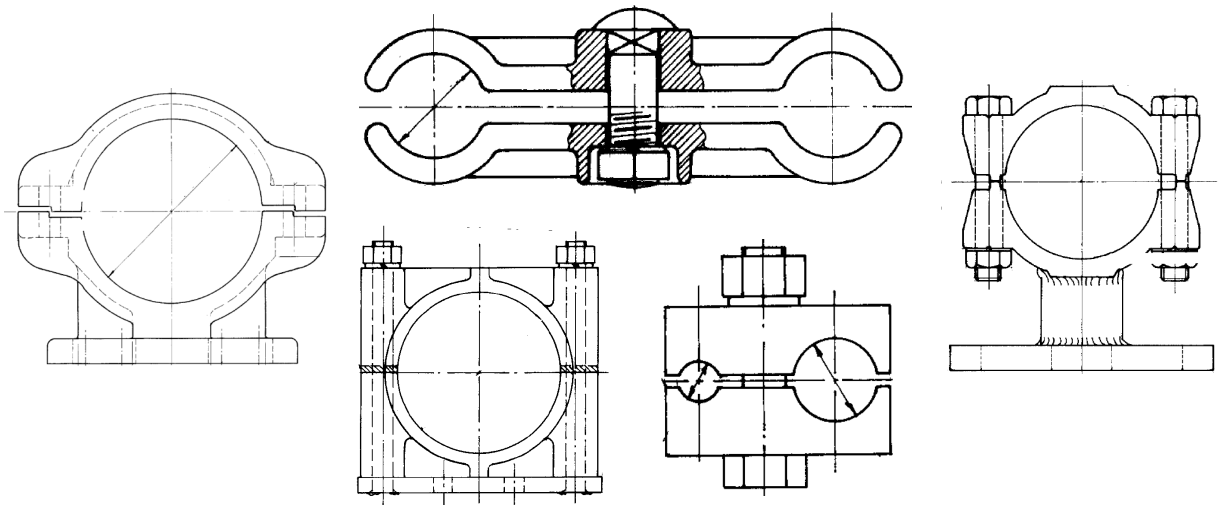


# CABUS Special Clamps and Clamps for Large OD Cables to 200mm+

Intertech has many different special clamps available and can also design clamps for specific purposes.

- Cast and fabricated cable clamps to solve any clamping requirement
- Large cable sizes 100mm OD to 200mm OD+ available
- Cast marine grade alloy
- High strength
- Can be laboratory tested if required
- Rapid production of non-standard clamps for special purposes
- Neoprene liners available
- Epoxy/plastic surface coatings for corrosive environments
- Special foot mountings to allow angular adjustment for large cables



# Atlantic Supports *Engineering* Ltd

## GLASS REINFORCED COMPOSITE CABLE CLEATS

*Manufactured from **ASEplas** high strength glass reinforced composite.*

---

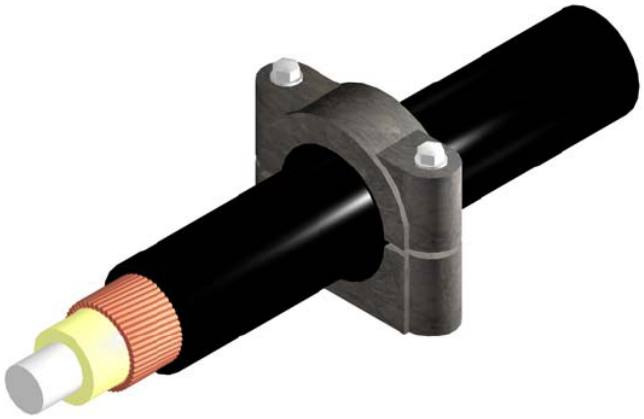
*APPLICATION:* To support medium and high voltage power transmission cables. Typically from 33kV to 500kV. Can be supplied with DTS cable slots.

*USED ON:*

- Cable systems for tunnels, bridges and masts
- Flexible (sag) and rigid cable systems
- Vertical shafts, sharps bends and cable joint bays
- Trefoil and single cable systems
- Cables with fibre optic sensors

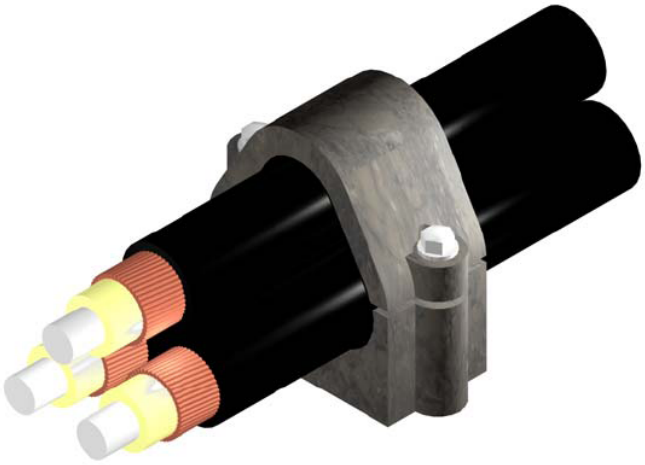
*MATERIAL PROPERTIES:*

- Excellent thermal and electrical insulator with high dielectric strength.
- Corrosion free/zero maintenance.
- Zero Halogen/non toxic.
- Fire retardant/flame resistant/not easily ignitable.
- Resistant to UV and chemical attack.
- No significant water absorption.
- Fatigue tested to 10 million cycles.
- High physical strength in all directions.



*PRODUCT BENEFITS:*

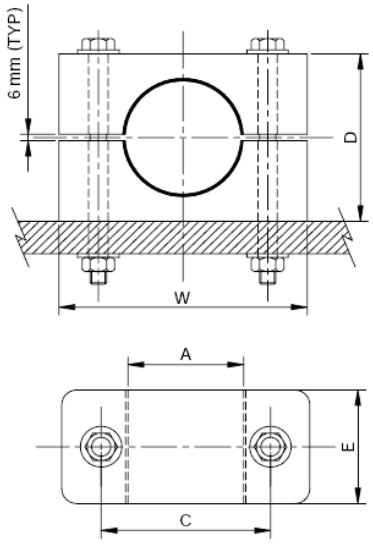
- Non metallic therefore no problems with dissimilar metals when fixing to supporting structure or heat build up from magnetic field.
- Cost effective alternative to aluminium, does not require epoxy or other protective coatings.
- Robust and durable. Design life 40 years minimum.
- Strength checked using finite element method calculations supported by extensive laboratory testing.
- Resilient liner prevents cable damage due to movement and expansion; also allows for tolerance in cable diameters.



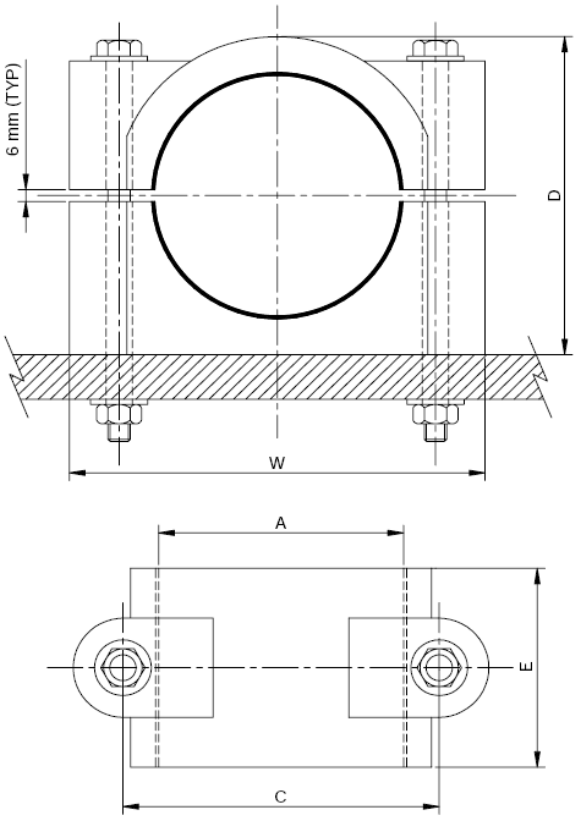
## GLASS REINFORCED COMPOSITE CABLE CLEATS Type C

To support medium and high voltage power transmission cables, typically from 33 kV to 500 kV

C40




C120 - C160




| Part number | Cable diameter A | Bolt size | C | D | E | W | Safe working load kN | Short term load kN |
|---|---|---|---|---|---|---|---|---|
| C40/M8/* | 20 to 40 | M8x85 | 54 | 60 | 30 | 80 | 2 | 10 |
| C120/M12/* | 101 to 120 | M12x200 | 156 | 160 | 100 | 205 | 10 | 50 |
| C120/M16/* | 101 to 120 | M16x200 | 156 | 160 | 100 | 205 | 10 | 50 |
| C130/M12/* | 121 to 130 | M12x200 | 164 | 170 | 100 | 215 | 10 | 50 |
| C130/M16/* | 121 to 130 | M16x200 | 164 | 170 | 100 | 215 | 10 | 50 |
| C140/M16/* | 131 to 140 | M16x200 | 174 | 180 | 100 | 225 | 10 | 50 |
| C160/M16/* | 141 to 160 | M16x200 | 190 | 200 | 100 | 230 | 10 | 50 |

*Please specify outside cable diameter, A. **(e.g. part number C120/M12/110 has an outside cable diameter of 110mm)**

NOTES:

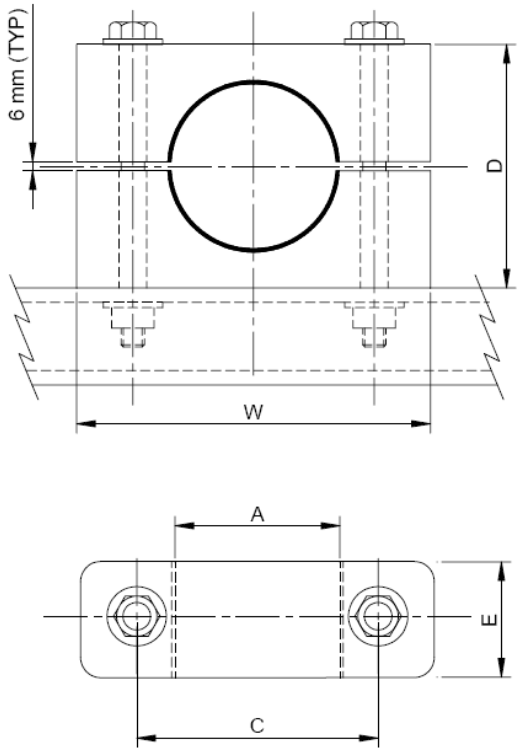
- Unless otherwise stated, all dimensions are in millimetres.
- Safe working load is applicable to a continuous load in any direction.
- Short term load is applicable to a short duration overload condition in any direction.
- The standard range loads are quoted at 25°C and should be derated linearly with temperature to 50% at +160°C.
- No reduction in strength occurs below +25°C.
- Cleats are constructed from ***ASEplas*** 1010 SWA glass reinforced composite material.
- Maximum initial torque for fixing bolts 20Nm.

# Atlantic Supports *Engineering* Ltd

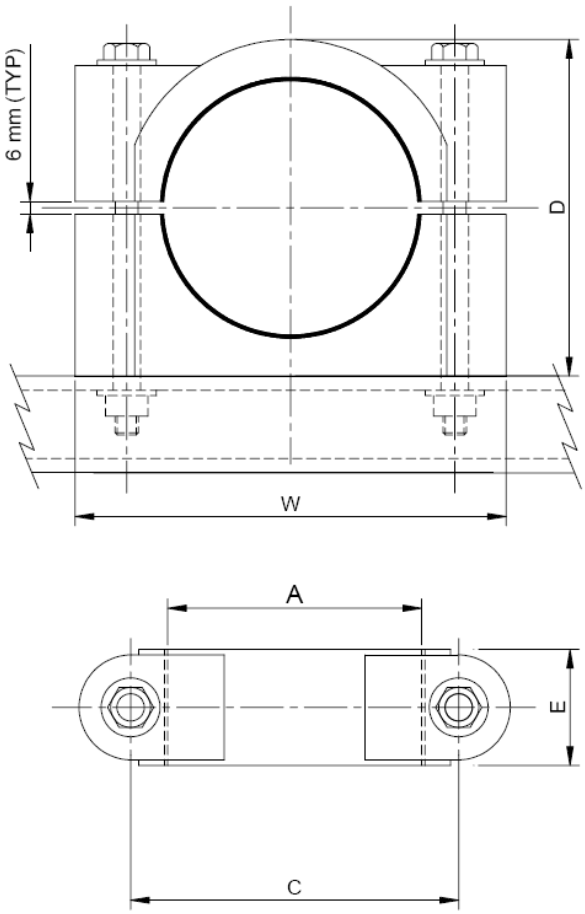
## GLASS REINFORCED COMPOSITE CABLE CLEATS – CHANNEL MOUNTED [U-TYPE]

To support medium and high voltage power transmission cables, typically from 33 kV to 500 kV

U60 / U80




U100 / U120




| Part number | Cable diameter A | Bolt size | C | D | E | W | Safe working load kN | Short term load kN |
|---|---|---|---|---|---|---|---|---|
| U60/M10/* | 41 to 60 | M10x120 | 98 | 90 | 55 | 155 | 5 | 25 |
| U80/M12/* | 61 to 80 | M12x160 | 114 | 115 | 55 | 167 | 5 | 25 |
| U100/M12/* | 81 to 100 | M12x170 | 130 | 140 | 55 | 180 | 7 | 35 |
| U120/M12/* | 101 to 120 | M12x200 | 156 | 160 | 55 | 205 | 7 | 35 |

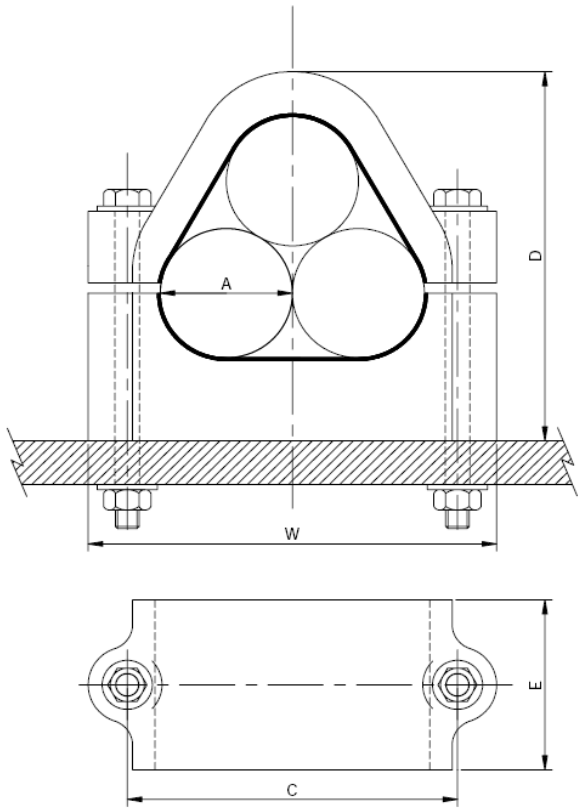
*Please specify outside cable diameter, A. **(e.g. part number U120/M12/110 has an outside cable diameter of 110mm)**

NOTES:

- Unless otherwise stated, all dimensions are in millimetres.
- Safe working load is applicable to a continuous load in any direction.
- Short term load is applicable to a short duration overload condition in any direction.
- The standard range loads are quoted at 25°C and should be derated linearly with temperature to 50% at +160°C.
- No reduction in strength occurs below +25°C.
- Cleats are constructed from ***ASEplas*** 1010 SWA glass reinforced composite material.
- Maximum initial torque for fixing bolts 20Nm.

## GLASS REINFORCED COMPOSITE CABLE CLEATS – TREFOIL
## Type T

To support medium and high voltage power transmission cables, typically from 33 kV to 500 kV




| Part number | Cable diameter A | Bolt size | C | D | E | W | Safe working load kN ** | Short term load kN ** |
|---|---|---|---|---|---|---|---|---|
| T69/M12/* | 66 to 69 | M12x180 | 190 | 218 | 100 | 235 | 5 | 25 |
| T76/M12/* | 74 to78 | M12x180 | 190 | 218 | 100 | 235 | 5 | 25 |
| T96/M16/* | 91 to 97 | M16x180 | 274 | 277 | 100 | 328 | 7 | 35 |
| T100/M16/H* | 98 to 105 | M16x180 | 284 | 284 | 100 | 328 | 10 | 50 |
| T106/M16/ H* | 104 to 107 | M16x180 | 284 | 284 | 100 | 328 | 10 | 50 |
| T107/M16/* | 105 to 108 | M16x180 | 274 | 277 | 100 | 328 | 7 | 35 |
| T116/M16/ H* | 114 to 117 | M16x180 | 284 | 284 | 100 | 328 | 10 | 50 |
| T140/M16/H* | 138 to 145 | M16x215 | 365 | 366 | 100 | 410 | 10 | 50 |
| T150/M16/H* | 146 to 154 | M16x215 | 365 | 366 | 100 | 410 | 10 | 50 |
| T160/M16/H* | 156 to 164 | M16x235 | 385 | 386 | 100 | 435 | 10 | 50 |

*Please specify outside cable diameter, A. **(e.g. part number T76/M12/76 has an outside cable diameter of 76mm)**

**NOTES**:

- Unless otherwise stated, all dimensions are in millimetres.
- Safe working load is applicable to a continuous load in any direction.
- Short term load is applicable to a short duration overload condition in any direction.
- The standard range loads are quoted at 25°C and should be derated linearly with temperature to 50% at +160°C.
- No reduction in strength occurs below +25°C.
- Cleats are constructed from ***ASEplas*** 1010 SWA glass reinforced composite material.
- Maximum initial torque for fixing bolts 20Nm.

KOZ® PRODUCTS BV

The KOZ Range of cable clamps are made from high strength glass-reinforced polyamide. This unique material provides excellent properties for cable clamps.

Clamp Properties Include:

- **Halogen free**
- **High Tensile Strength, ranging up to 120N/mm2**
- **Excellent Heat Resistance, with no loss of mechanical strength over the temperature range of -40°C to +135 °C**
- **UV Resistant for outdoor applications**
- **Flame Retardant, tested to VDE 0304 Part 3**
- **Chemical Resistant**

**The KOZ range of clamps have been extensively tested by KEMA and UL.**

**Tests covered include mechanical strength, short circuit strength, heat resistance and fire retardant properties.**

**Single way, trefoil and flat style clamps are available for cable diameters from 13 to 160mm.**

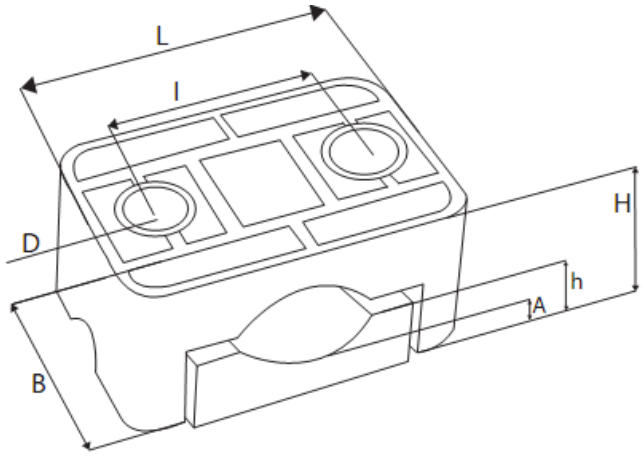
# KOZ Single Way Clamps – ST Type

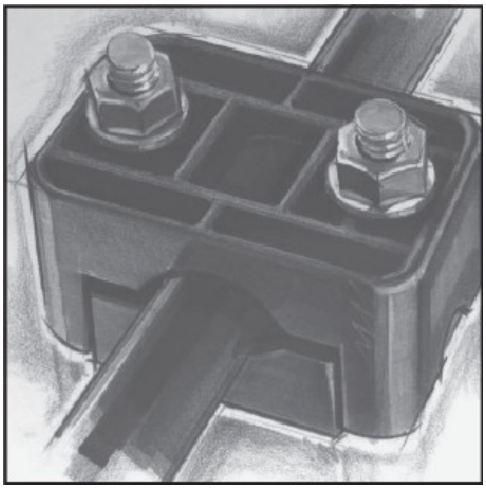
The ST and STC range of clamps are suitable for single and multi-core LV, MV and HV cables.

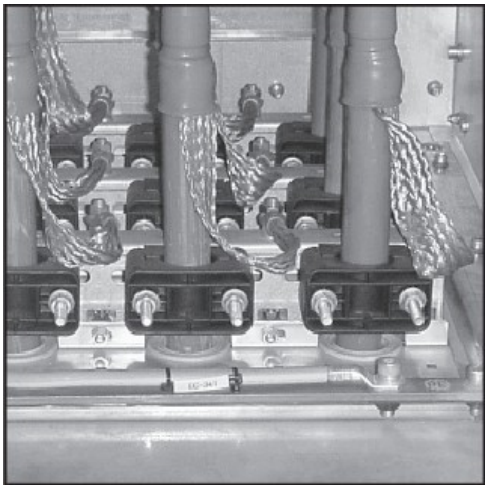
**KOZ ST Clamps**

The ST range have a flat base and flat top, allowing for easy stacking of the clamps in large installations. Fixing is by way of the two side clamping bolts.

| Size | Cable OD (mm) | L (mm) | B (mm) | l (mm) | DØ (mm) | H (mm) | h (mm) | A (mm) | Weight (gm) |
|---|---|---|---|---|---|---|---|---|---|
| ST 18-26 | 18-26 | 77 | 45 | 49 | 10.5 | 36-44 | 13.5 | 6 | 90 |
| ST 26-38 | 26-38 | 92 | 60 | 60 | 12.5 | 48-60 | 21 | 10 | 170 |
| ST 36-52 | 36-52 | 108 | 60 | 75 | 12.5 | 58-74 | 27 | 11 | 225 |
| ST 50-75 | 50-75 | 128 | 60 | 95 | 12.5 | 76-101 | 35 | 14 | 310 |
| ST 75-100 | 75-100 | 169 | 80 | 127 | 14.5 | 110-135 | 51 | 19 | 815 |
| ST 100-130 | 100-130 | 200 | 80 | 158 | 14.5 | 141-170 | 65 | 20 | 1000 |



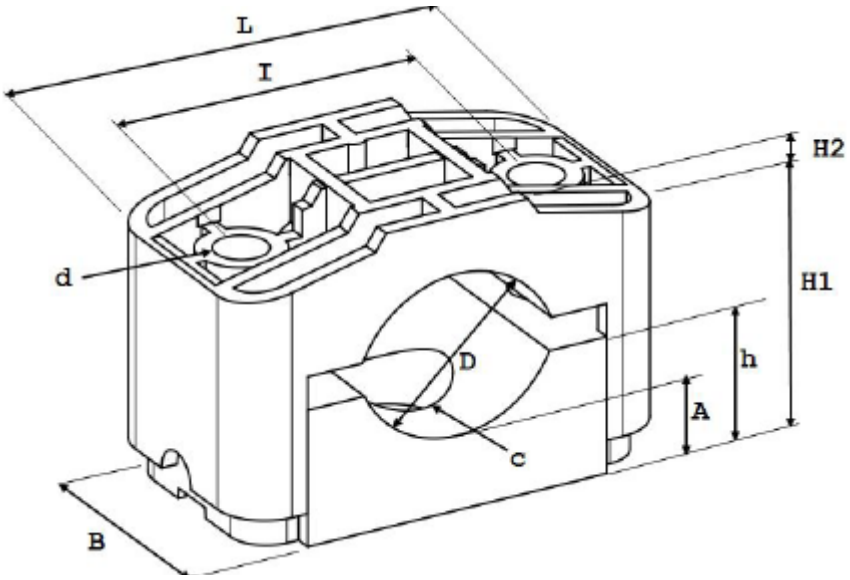


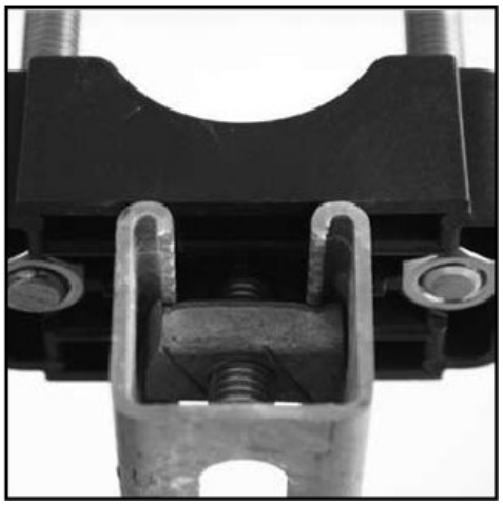
KOZ® PRODUCTS BV

# KOZ STC Type Clamps

The STC range has a central fixing hole in the base, allowing central or side fixing arrangements. The central fixing hole makes the clamp ideal of channel as well as surface mounting.

| Size | Cable OD (mm) | L (mm) | B (mm) | l (mm) | dØ (mm) | H1 (mm) | h (mm) | A (mm) | Weight (gm) |
|---|---|---|---|---|---|---|---|---|---|
| **STC 21-38** | 21-38 | 92 | 60 | 60 | 12.5 | 45-61 | 26 | 18 | 174 |
| **STC 36-52** | 36-52 | 107 | 60 | 75 | 12.5 | 57-72 | 33 | 18 | 237 |
| **STC 46-75** | 46-75 | 128 | 60 | 95 | 12.5 | 65-95 | 35 | 20 | 298 |
| **STC 72-100** | 72-100 | 172 | 80 | 127 | 14.5 | 91-119 | 51 | 22.5 | 768 |
| **STC 120-160** | 120-160 | 230 | 80 | 190 | 15.5 | 145-185 | 71 | 24 | 1,385 |



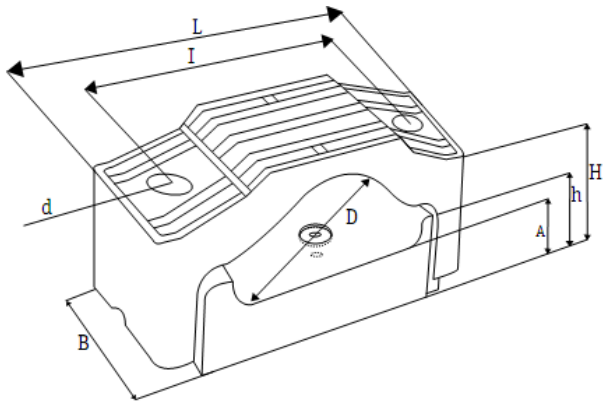
KOZ® PRODUCTS BV

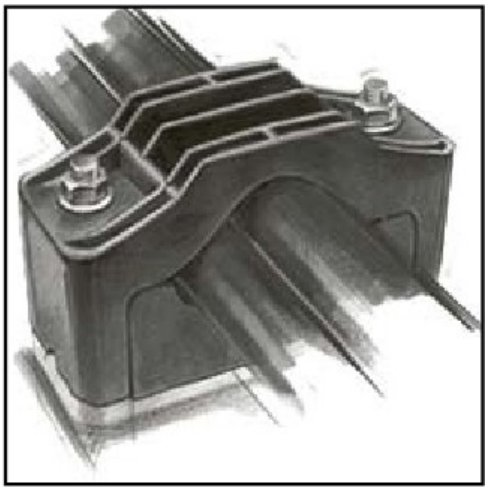
# KOZ Trefoil Clamps – TRI Type

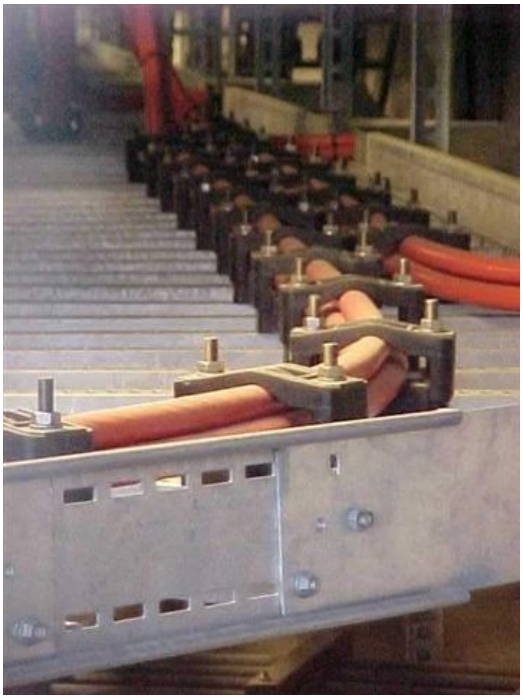
The TRI and TRI eco range of clamps are suitable for three single-core LV, MV and HV cables in a trefoil arrangement.

The TRI range have a flat base and a central fixing hole for either surface mounting or channel mounting and are designed for high fault currents.

| Size | Cable OD (mm) | L (mm) | B (mm) | I (mm) | dØ (mm) | H (mm) | h (mm) | A (mm) | Weight (gm) |
|---|---|---|---|---|---|---|---|---|---|
| **TRI 25-40** | 25-40 | 160 | 75 | 125 | 14.5 | 68-95 | 38 | 20 | 600 |
| **TRI 38-53** | 38-53 | 190 | 80 | 145 | 14.5 | 80-115 | 54 | 30 | 890 |
| **TRI 53-66** | 53-66 | 216 | 80 | 169 | 15 | 100-120 | 44 | 25 | 1120 |
| **TRI 67-82** | 67-82 | 252 | 100 | 202 | 16.5 | 140-175 | 70 | 26 | 1840 |
| **TRI 82-98** | 82-98 | 284 | 100 | 234 | 16.5 | 168-205 | 78 | 26 | 2515 |
| **TRI 99-120** | 99-120 | 342 | 115 | 288 | 19.0 | 155-203 | 88 | 33 | 3065 |
| **TRI 121-145** | 121-145 | 392 | 115 | 338 | 19.0 | 180-238 | 100 | 33 | 3607 |





KOZ® PRODUCTS BV

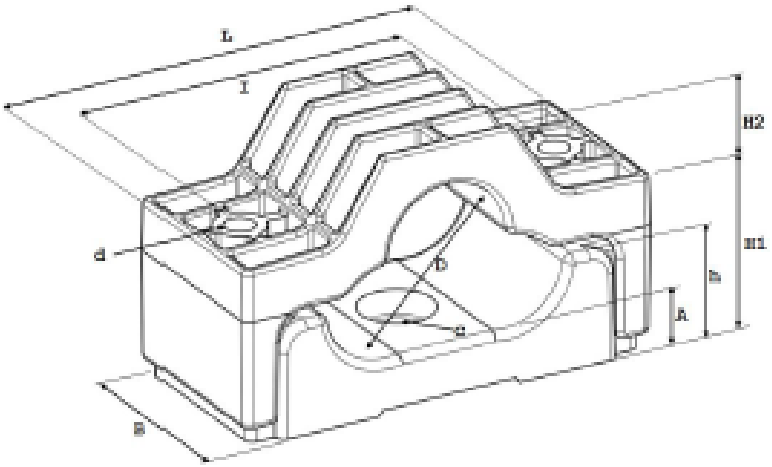
# KOZ TRI-eco Type Clamps

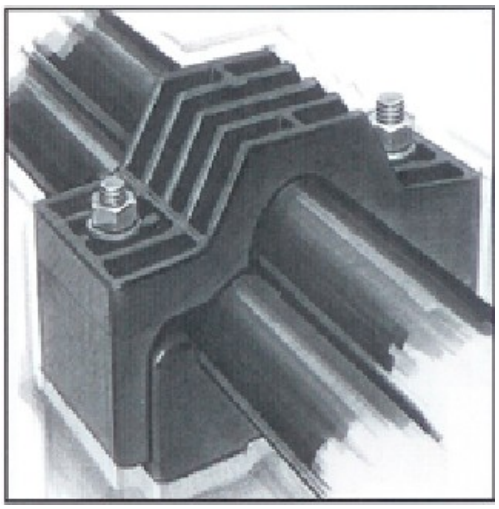
The TRI eco range are trefoil clamps designed for easy stacking.

The clamp base has a recessed area to accommodate an adjacent clamp top.

The TRI-eco design is for lower fault rating applications, up to 16.9kN.

| Size | Cable OD (mm) | L (mm) | B (mm) | l (mm) | dØ (mm) | H (mm) | h (mm) | A (mm) | C (mm) | Weight (gm) |
|---|---|---|---|---|---|---|---|---|---|---|
| **TRI eco 24-35** | 24-35 | 136 | 70 | 101 | 11 | 54-78 | 35 | 20 | 40 | 315 |
| **TRI eco 33-46** | 33-46 | 156 | 70 | 121 | 11 | 58-90 | 41 | 20 | 50 | 385 |



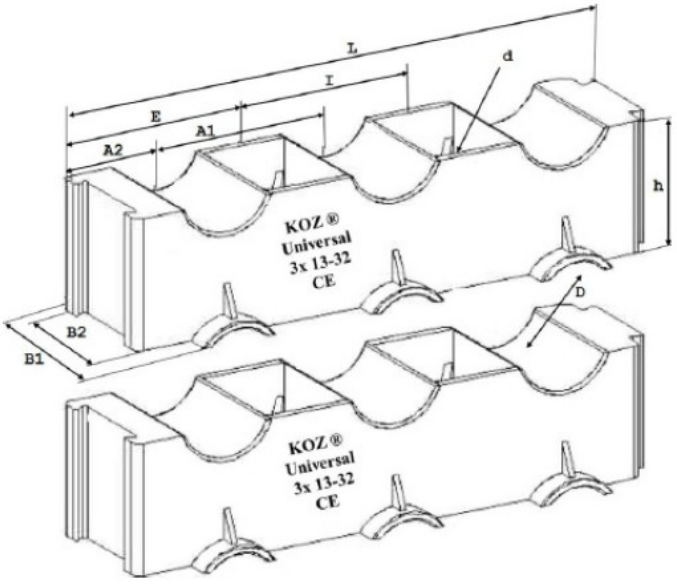
KOZ® PRODUCTS BV

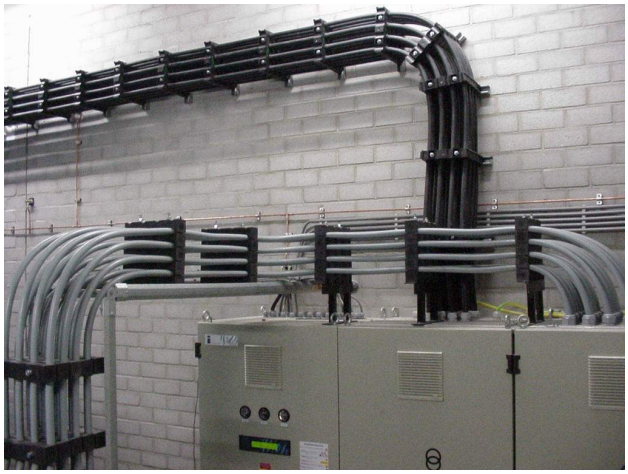
# KOZ Mounting Blocks – UNI Type

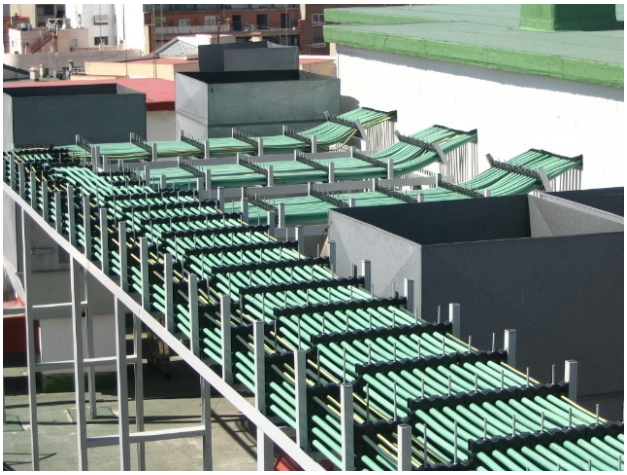
The KOZ UNI system is designed for installations with large numbers of cables running together.

The UNI system allows the cables to be installed in an organised and tidy configuration.

| Size | Cable OD (mm) | L (mm) | I (mm) | A1 (mm) | E (mm) | h (mm) | B2 (mm) | B1 (mm) |
|---|---|---|---|---|---|---|---|---|
| **UNI 3x13-32** | 13-32 | 186.5 | 32.25 | 60.5 | 62.75 | 43.0 | 45.0 | 61.0 |
| **UNI 4x13-32** | 13-32 | 246.5 | 32.25 | 60.5 | 62.75 | 43.0 | 45.0 | 61.0 |
| **UNI 4x30-47** | 30-47 | 345 | 44.5 | 85.0 | 87.5 | 65.0 | 50.0 | 66.0 |
| **UNI 3x45-67** | 45-67 | 356 | 117 | 117 | 118 | 50 | 55 | - |





# CABLE CLAMP SELECTION

When choosing a Cable Clamp, the following factors should be considered:

- Total mechanical load the clamp is expected to support.
- Type of installation, such as horizontal runs, vertical runs, complex routes
- Environmental conditions, indoor, outdoor, chemicals, salt-air etc.
- Operating temperature of the cables and the ambient temperatures.
- Material compatibility. i.e. the structure to which the clamp will be fixed.
- Cable overall size, shape and configuration (flat, trefoil etc)

## CORRECT SPACING

The following is the recommendations of IEE Wiring regulations for clamp spacing of single cables up to 40mm in diameter as well as typical industry recommendations for cables over 40mm diameter.

| SPACING OF SUPPORTS FOR SINGLE CABLES | | | | | | |
|---|---|---|---|---|---|---|
| **Overall Diameter of Cable** | **Non-armoured rubber, PVC or Lead Sheathed Cables** | | **Armoured cables and Corrugated Aluminium Sheathed Cables** | | **Mineral Insulated Cables** | |
| | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical |
| **≤ 9mm** | 250 | 400 | - | - | 600 | 800 |
| **9 ≤ 15mm** | 300 | 400 | 350 | 450 | 900 | 1200 |
| **15 ≤ 20mm** | 350 | 450 | 400 | 550 | 1500 | 2000 |
| **20 ≤ 40mm** | 400 | 550 | 450 | 600 | - | - |
| **40 ≤ 50mm** | 600 | 800 | 900 | 1100 | - | - |
| **50 ≤ 60mm** | 750 | 1000 | 950 | 1100 | - | - |
| **60 ≤ 70mm** | 900 | 1200 | 1000 | 1200 | - | - |
| **> 70mm** | 1000 | 1400 | 1200 | 1400 | - | - |


INTERTECH

V5.0

**Intertech Engineering Pty. Ltd.**

Head Office
15 Sir Laurence Drive
Seaford, VIC 3198
AUSTRALIA
(P.O. Box 2117 Seaford DC VIC 3198)

Phone: +61 3 8770 5500
Fax: +61 3 9773 5666
E-mail: sales@intertecheng.com.au

**www.intertecheng.com.au**