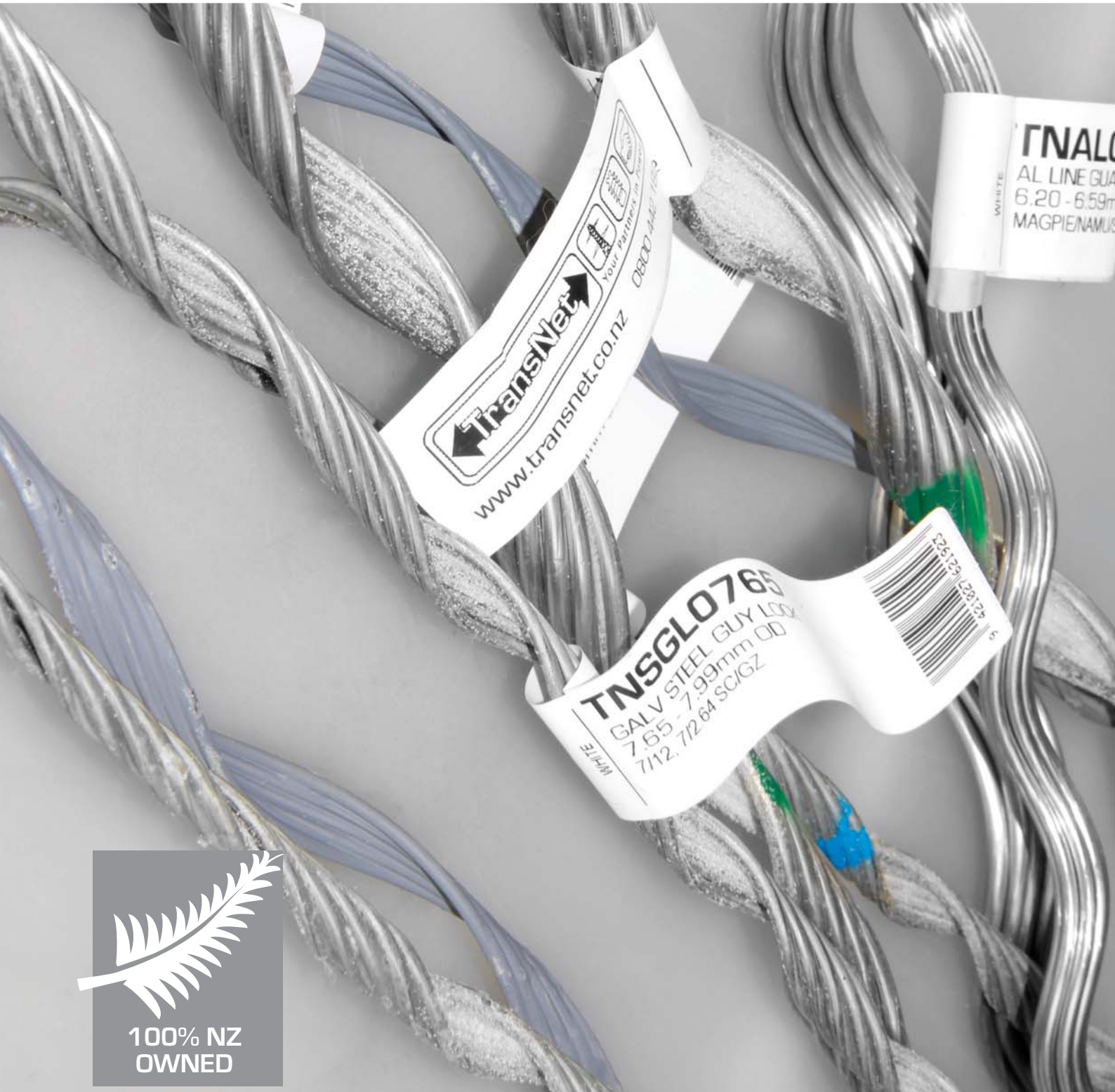


Helical Fittings



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SELECTION INFORMATION

TransNet Helical fittings are manufactured by Mosdorfer in accordance with our existing specifications and accordance with AS1154.3-2009.

To order, if possible, always quote the Cat. number. If unknown, advise the type of fitting, conductor type (AAC, ACSR, etc) and construction (eg; 19/0.083), this way we can determine the correct fitting.

With such an extensive range of fittings in stock we are generally able to satisfy demand from stock, however special fittings will be subject to special order. When ordering Helical Side ties, Distribution ties, or Top ties, always quote the insulator neck size.

The ultimate tensile strength (UTS) ratings quoted in the table below, are shown as a percentage of the calculated minimum breaking strains of the conductor.

TENSILE STRENGTH OF LINE SPLICES & TERMINATION DEADENDS

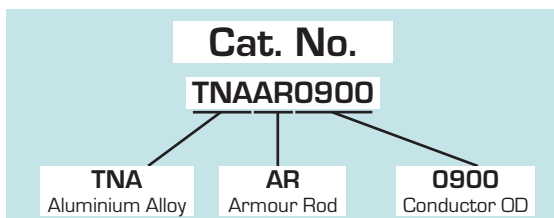
| CONDUCTOR DETAILS | | LINE SPLICES | | TERMINATION DEADENDS | | | |
|--------------------|-----------|--------------|-----------------|----------------------|------------------------|------------------|---------------------|
| Type and Stranding | | Cat. Prefix | Strength Rating | Cat. Prefix | Limited Tension Rating | Cat. Prefix | Full Tension Rating |
| ACSR | 6/1 + 6/7 | TNFTS | 90% | TNADE | 60-85% | TNFSE/ TNFTDE | 100% |
| ACSR | 3/4 + 4/3 | - | - | TNADE | 60-85% | TNFSE/ TNSGG | 100% |
| ACSR | 30/7 | TNFTS | 90% | TNADE | 60-85% | TNFDE | 100% |
| AAC + AAAC | ALL | TNALS | 90% | - | - | TNADE | 100% |
| Copper (HDC) | ALL | TNCLS | 90% | TNCSDE | 100% | TNCDE | 100% |
| SC/GZ (Galv) | ALL | TNSLS | 90% | TNSGL | 100% | TNSGG | 100% |
| SC/AC (Al Clad) | ALL | TNLLS | 90% | - | - | TNLGG | 90% |

Cat. Prefix Code: TNALS, Aluminium Line Splice; TNCLS, Copper Line Splice; TNFTS, Full Tension Splice; TNSLS, Galv. Steel Line Splice; TNADE, Aluminium Deadend; TNCDE, Copper Deadend; TNFTDE, Full Tension Deadend, Multi-Piece; TNFSE, Full Tension Deadend, Single Piece; TNCSDE, Copper Clad Steel Deadend for Copper; TNSGG, Galv. Steel Guy Grip (Deadend).

PRODUCT NUMBERING SYSTEM

Mosdorfer Helical fittings are identified by a simple alpha numeric numbering system which is broken down into three parts, this system is outlined below;

1. Material
2. Fitting type
3. Conductor diameter



Typical Helical fitting abbreviations are outlined as follows;

1.) MATERIAL TYPE

- TNA** Aluminium
- TNC** Copper
- TNS** Galvanised Steel
- TNZ** Aluminised Steel
- TNL** Aluminium Clad Steel

2.) FITTING TYPE

- | | |
|-----------------------|----------------------------|
| DE Deadend | AR Armour Rod |
| LG Line Guard | LS Line Splice |
| LS Line Splice | GG Guy Grip |
| GL Guy Lock | DT Distribution Tie |
| ST Side Tie | |

ADDITIONAL PRODUCT ABBREVIATIONS

The following abbreviations don't follow the numbering system outlined.

- TNNDE** Limited Tension Neoprene Coated Deadend
- TNFSE** Full Tension Deadend (Single Piece)
- TNFTDE** Full Tension Deadend (Multi Piece)
- TNFTS** Full Tension Splice (Multi Piece)
- TNCSDE** Copper Clad Steel Deadend
- TNSVD** Spiral Vibration Damper
- TNHSP** Helical Support Unit
- TNHSA** Helical Suspension Unit

PRODUCT INFORMATION

Installation is fast and simple, there are no special tools required.

If you are unsure of how to apply Helical fittings or would like assistance please contact your local TransNet rep or our customer service department and we will arrange for an onsite demonstration. You could also refer to the installation guide.

The colours found painted on our Helical fittings offer a visual size reference. The colour depicts the strand size of the conductor it is designed for use with. All our fittings are colour coded, it is also noted on the water resistant label.

Conductor Stranding Depicts Colour Code of Fitting

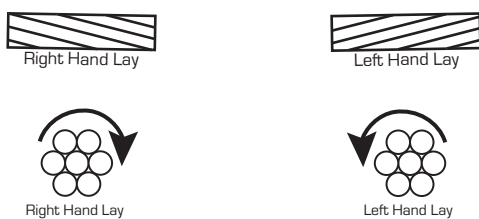
| Strand OD mm | Colour Code | Strand OD mm | Colour Code |
|--------------|-------------|--------------|-------------|
| 1.00 | Black | 3.00 | Red |
| 1.25 | Green | 3.25 | Orange |
| 1.75 | Purple | 3.50 | Purple |
| 2.00 | Yellow | 3.75 | Black |
| 2.25 | Brown | 4.00 | Black |
| 2.50 | Blue | 4.50 | Green |
| 2.75 | White | 4.75 | Blue |

PRODUCT DESIGN INFORMATION

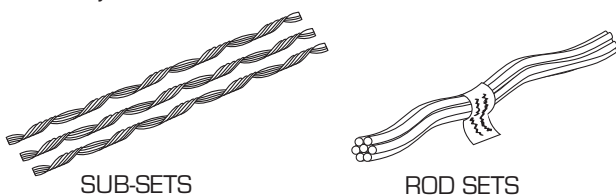
Helical Deadends can be supplied as open looped or cable looped. Our smaller fittings come standard as open looped and the larger fittings are cable looped as standard. The illustration below shows the difference between the two options.



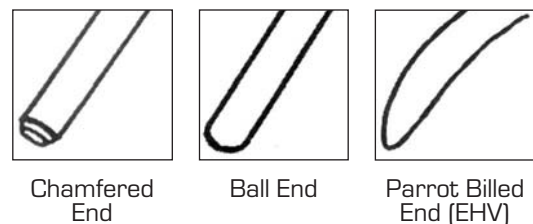
Right hand lay is standard for the majority of our fittings, if you require left hand lay please advise our customer service team and they will advise product availability.



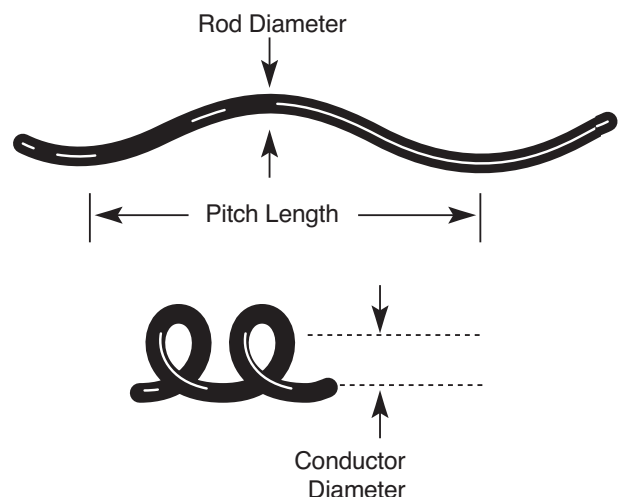
Helical fittings are supplied as either sub-sets or rod sets, a subset is where groups of rods come glued together, these sub-sets can be applied to the conductor as a group therefore reducing application time. Rod sets are a group of loose rods which are applied to the conductor individually.



There are various options available when it comes to the ends of the Helical fittings. The type of end applied to our standard fittings is dependant on the size of the fitting in question. For more clarity on the end type of the exact fitting you're interested in please contact us.



The way a Helical fitting grips to the conductor is determined by the rod diameter, the pitch, the pitch length, the diameter of the conductor and the material the conductor is made of. In order to get the correct fitting you need to know that the conductor you're using fits within the tolerances associated with the fitting.



WHAT MAKES OUR PRODUCT BETTER...

It helps to know what issues field staff face with products before you make improvements to them. With that in mind, we're lucky to have access to people who worked out in the field before joining TransNet. They know the small but annoying issues associated with the Helical fittings out in the market. Some of the most important of these issues were:

- Paper Labels that either fall off when they get wet or wear off in the back of the truck
- Boxes that disintegrate at the first sign of rain
- Colour codes that don't match what the industry is used to
- Part Numbers that don't refer to anything of any use
- Labels that don't show any conductor information
- No need for a full box quantity

In order to combat these small but extremely important issues we have done some research into what works, what has worked in the past and what people using these products really need, see below for the result.

COLOUR CODES

We've reintroduced the old colour codes – the colour codes that the industry knew and trusted, in accordance with AS1154.3-2009. Not only is it annoying but it's a health and safety issue to have the colour associated with a different conductor range to what you know. Using the old colour scheme means fast easy selection of the correct fitting.

DURABLE DESCRIPTIVE LABELS

We have introduced a water resistant label with an aggressive adhesive which holds it in place until you're ready



Water resistant label with descriptive code, conductor size/name, colour code and barcode.

for it to be removed. It's important while people again learn to trust the colour codes are 'back to normal' that the label reassures them by showing the relevant information.

Our labels show clearly, the descriptive part number, a list of the conductor names/sizes the fitting is designed for use on, a description of what it is, a barcode and the colour of the paint that is on the fitting.

DURABLE BOXES

Boxes are often left on the back of trucks and they also get wet on site. Wherever your stock is, it needs to be in a box that stays together longer. We added a water repellent coating to our Helical fitting boxes for precisely this reason. These boxes are harder wearing than others you might come across while at the same time they are cardboard and can be recycled.

DESCRIPTIVE PART NUMBERS

Our Part Numbers refer to the conductor range the fitting is designed to be used with. The prefix outlines the type of fitting and the numbers show the OD of the cable they'll fit. Again this is something everybody is used to and we decided it was important to reintroduce it.

BUY ONLY WHAT YOU NEED

If you don't need a full box quantity to get your job done simply order the amount you need. Throughout this catalogue you'll see we show box quantities, this is more for the store staff, if it's easier to count a full box onto the shelf you can order in box lots, if it's for a specific project and you need to minimise waste then order in minimums of one unit (unless the fittings are special order where MOQ's will apply).



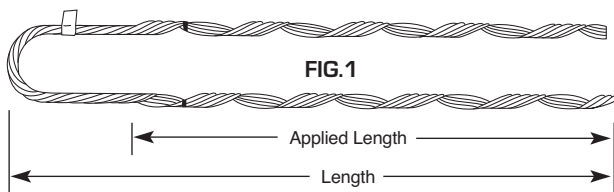
Water resistant box with descriptive code, conductor size/name and colour code for fast, simple identification.

ALUMINIUM DEADENDS

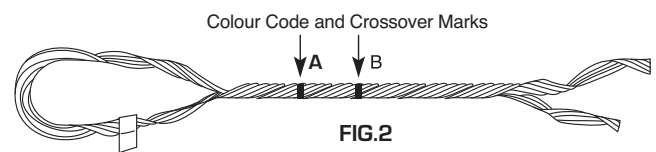
TNADE – Aluminium Deadends are made of Aluminium Alloy and are designed for terminating AAC, AAAC, ACSR and SBC conductors. The UTS is 100% of the conductor strength. On ACSR conductors, it is 60-85% of the UTS of both the Aluminium & Steel core.

It is important to note, Deadends should never be reused.

Deadends have two lengths, the overall length (Fig.1) and the applied length (Fig.2). The applied length is the area



from the cross over marks which are A (small fittings) & B (large fittings) outlined in Fig.2, to the ends. These marks are also used to show the colour code. There is a water resistant identification tag attached to each Deadend which provides the Cat No., nominal strand size, diameter range, conductor names and barcode.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTOR NAMES | | | | PACK QUANTITY |
|-----------|----------------------------|--------|------------------------|-----------------|-------------------------|----------|---------------|
| | | | AAC | AAAC | ACSR | SBC | |
| TNADE0560 | 5.60 - 5.79 | WHITE | - | - | THRUSH | - | 40 |
| TNADE0625 | 6.25 - 6.54 | YELLOW | NAMU | - | MAGPIE/SWAN SQUIRREL | - | 50 |
| TNADE0675 | 6.55 - 7.09 | BROWN | GNAT/POKO | BORON | GOPHER | FLOUNDER | 50 |
| TNADE0750 | 7.35 - 7.59 | BLUE | - | CHLORINE | - | - | 50 |
| TNADE0790 | 7.95 - 8.57 | WHITE | LADYBIRD | CHROMIUM | SPARROW/FOX | - | 30 |
| TNADE0900 | 8.67 - 9.35 | RED | KUTU | FLUORINE | FERRET | - | 40 |
| TNADE1015 | 10.15 - 10.94 | PURPLE | FLY | - | - | HAKE | 35 |
| TNADE1125 | 10.80 - 11.30 | BLACK | RANGO | HELIUM | MINK | - | 20 |
| TNADE1130 | 11.30 - 11.74 | BROWN | GRASSHOPPER | - | PETREL | - | 20 |
| TNADE1225 | 12.25 - 12.79 | WHITE | - | - | RACCOON | - | 20 |
| TNADE1280 | 12.80 - 13.50 | GREEN | BETTLE/WASP | HYDROGEN | - | - | 20 |
| TNADE1430 | 13.85 - 14.44 | BLUE | WEKE | IODINE | DOG/HARE STOAT | - | 20 |
| TNADE1510 | 15.10 - 15.70 | RED | - | - | WAXWING | - | 20 |
| TNADE1625 | 15.66 - 16.88 | ORANGE | CRICKET HORNET/WETA | KRYPTON | DINGO | - | 20 |
| TNADE1780 | 17.48 - 18.50 | BLACK | HUHU | - | WOLF | - | 10 |
| TNADE1875 | 18.55 - 19.34 | BLACK | CHAFER/MATA | NEON | JAGUAR | - | 10 |
| TNADE2100 | 20.24 - 21.82 | RED | COCKROACH | NITROGEN | - | - | 10 |
| TNADE2330 | 22.46 - 24.21 | GREEN | BUTTERFLY | NOBELIUM/OXYGEN | - | - | 5 |

COPPER ALLOY DEADENDS

TNCDE – Made from Copper Alloy for Hard Drawn Copper conductors.

Copper Alloy Deadends have been designed as an effective method of carrying out terminations on Hard Drawn Copper (HDC) and Copper Alloy conductors. These Deadends offer a secure continuous grip on the conductor.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTORS | | PACK QUANTITY |
|-----------|----------------------------|---------------|--------------------|---------------------------|---------------|
| | | | METRIC | IMPERIAL | |
| TNCDE0400 | 3.90 - 4.21 | GREEN | 10mm ² | 7/0.052 | 50 |
| TNCDE0525 | 4.80 - 5.25 | PURPLE | 16mm ² | 7/16, 7/0.064 | 100 |
| TNCDE0600 | 6.00 - 6.29 | YELLOW | - | 7/14, 7/0.080, 7/2.00 | 50 |
| TNCDE0630 | 6.30 - 6.57 | BLACK | 25mm ² | 19/0.052 | 50 |
| TNCDE0658 | 6.58 - 6.85 | BLUE | - | 7/2.25, 19/0.044, 19/1.12 | 50 |
| TNCDE0742 | 7.42 - 7.95 | BLACK | 35mm ² | 7/0.104 | 50 |
| TNCDE0825 | 7.93 - 8.75 | WHITE/PURPLE | - | 19/1.75, 19/0.064 | 40 |
| TNCDE0900 | 9.00 - 9.26 | RED | 50mm ² | 7/3.00 | 30 |
| TNCDE1000 | 9.88 - 10.65 | PURPLE/YELLOW | 70mm ² | 19/0.083, 19/2.11 | 20 |
| TNCDE1225 | 12.05 - 12.56 | PURPLE | 95mm ² | - | 15 |
| TNCDE1500 | 14.05 - 15.03 | RED | 120mm ² | 37/0.083 | 10 |

COPPER CLAD STEEL DEADENDS

TNCSDE – Made from Copper clad Steel for Hard Drawn Copper (HDC) conductors.

A simple and cost effective way of terminating Hard Drawn Copper and Copper Alloy conductors. These Copper clad Steel Deadends offer a uniform application pressure to the conductor for a secure continuous grip.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTORS | | PACK QUANTITY |
|------------|----------------------------|--------|-------------------|-------------------|---------------|
| | | | METRIC | IMPERIAL | |
| TNCSDE0525 | 5.10 - 5.36 | PURPLE | 16mm ² | - | 50 |
| TNCSDE0630 | 6.40 - 6.73 | YELLOW | 25mm ² | 19/0.052 | 40 |
| TNCSDE1000 | 10.40 - 10.82 | GREEN | 70mm ² | 19/0.083, 19/2.11 | 20 |

ALUMINIUM FULL TENSION DEADENDS

TNFSE – Made from Aluminium clad Steel for ACSR conductors. They are applied over the outer layer of the conductor only.

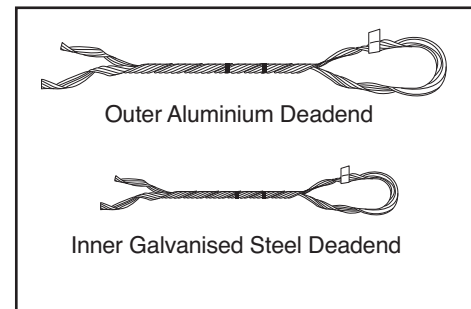
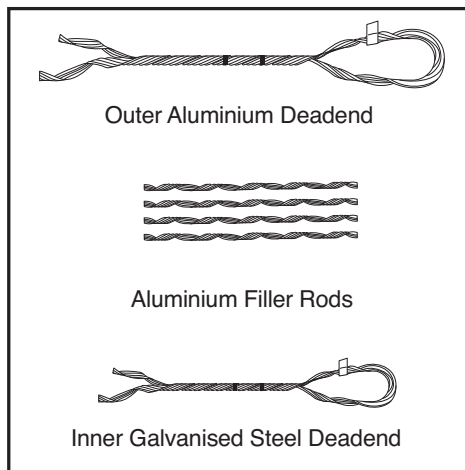
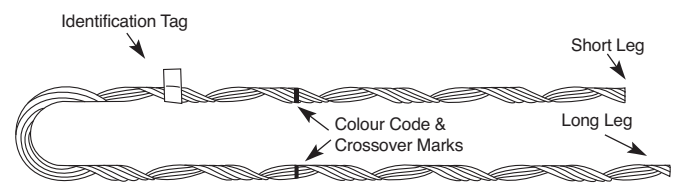
TNFTDE – Made from Aluminium clad Steel for ACSR conductors. They are used on installations where holding strength on the inner core strands is required, (with 7 strands or greater in the core). These fittings can be supplied in two configurations.

Two Deadends – one for the inner core and one for the outer strands

Two Deadends plus Filler Rods – Where the inner core Deadend doesn't align with the outer strands, filler rods enable the attachment of the second Deadend.



Both fittings will hold at least 90% of the ultimate tensile strength of the conductor. It is important to note, if the steel core is greased, the grease needs to be fully removed to ensure a strong grip.



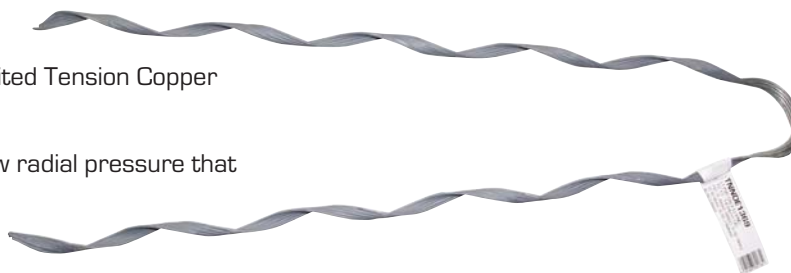
| CAT NO. | | ACSR CONDUCTOR STRANDING | PACK QUANTITY |
|-----------|------------|--------------------------|---------------|
| TNFSE | TNFTDE | | |
| TNFSE0525 | - | 3/4/1.75 | 50 |
| - | TNFTDE0670 | FLOUNDER | 50 |
| TNFSE0750 | - | 6/1/2.50 | 30 |
| TNFSE0750 | - | 3/4/2.50 | 30 |
| TNFSE0900 | TNFTDE0900 | 6/1/3.00 | 25 |
| TNFSE0900 | - | 4/3/3.00 | 25 |
| TNFSE1125 | TNFTDE1125 | 6/1/3.75 | 25 |
| TNFSE1125 | - | 4/3/3.75 | 25 |
| - | TNFTDE1250 | 12/7/2.50 | 25 |
| TNFSE1430 | - | 6/4.75 + 7/1.60 | 20 |
| - | TNFTDE1750 | 30/7/2.50 | 5 |
| - | TNFTDE2100 | 30/7/3.00 | 5 |

Neoprene Deadends

NEOPRENE DEADENDS

TNNDE – Made of Coated Galvanised Steel for Limited Tension Copper and Aluminium Aerial Service Cables.

The coated subsets of each Deadend leg exert a low radial pressure that does not damage the insulation on the conductor.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | PVC COVERED CONDUCTOR NAMES | | PACK QUANTITY |
|-----------|-------------------------|--------|--|--|---------------|
| | | | SINGLE CORE | NEUTRAL SCREEN | |
| TNNDE0585 | 5.85 - 7.34 | GREEN | 10mm ² 16mm ² | - | 100 |
| TNNDE0735 | 7.35 - 9.54 | RED | 25mm ² NAMU POKO | 1C NS 2.5 & 4mm ² | 50 |
| TNNDE1036 | 9.55 - 12.10 | BLUE | 35mm ² 50mm ² LADYBIRD KUTU | 1C NS 6mm ² | 50 |
| TNNDE1369 | 12.10 - 14.84 | RED | 70mm ² 95mm ² RANGO | 2C NS 6mm ² 3C NS 2.5 & 4mm ² 1C NS 10mm ² 4C NS 2.5mm ² | 20 |
| TNNDE1554 | 14.85 - 16.63 | BLACK | 95mm ² 120mm ² WEKE BETTLE | 1C+P NS 16+4mm ² 2C NS 10mm ² 1C NS 16 & 25mm ² 3C NS 4 & 6mm ² 4C NS 4 & 6mm ² | 20 |
| TNNDE1973 | 18.80 - 20.19 | YELLOW | 150mm ² WETA | 1C NS 35mm ² 1C+P NS 25+4mm ² 2C NS 16mm ² 3C NS 10mm ² | 15 |
| TNNDE2216 | 22.00 - 23.32 | BLUE | - | 1C NS 50mm ² 2C NS 25mm ² 2C+P NS 16+4mm ² 3C NS 16mm ² 4C NS 10mm ² | 15 |
| TNNDE2555 | 25.55 - 27.19 | RED | - | 2C+P NS 25+4mm ² 3C NS 35mm ² | 10 |

ALUMINIUM ARMOUR RODS

TNAAR – Made from Aluminium Alloy for AAC, AAAC, ACSR & SBC conductors.



Armour Rods offer protection for the conductor against abrasion, bending, compressive stresses, and arc-over. They can also be used for repair of conductors with damage to less than 20% of the outer strands.

Armour Rods should always be used with clamp top insulators and on any span longer than 90m.

| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTOR NAMES | | | | PACK QUANTITY |
|-----------|-------------------------|--------|-------------------|----------|----------------------------|----------|---------------|
| | | | AAC | AAAC | ACSR | SBC | |
| TNAAR0460 | 4.60 - 4.94 | GREEN | - | - | - | MULLET | 50 |
| TNAAR0530 | 5.30 - 5.79 | BLACK | - | - | THRUSH | - | 80 |
| TNAAR0620 | 6.20 - 6.59 | YELLOW | NAMU | - | MAGPIE SQUIRREL SWAN | - | 50 |
| TNAAR0675 | 6.60 - 6.94 | BROWN | GNAT | BORON | - | FLOUNDER | 50 |
| TNAAR0695 | 6.95 - 7.34 | BLUE | POKO | - | GOPHER | - | 50 |
| TNAAR0750 | 7.35 - 7.84 | BLUE | - | CHLORINE | - | - | 50 |
| TNAAR0785 | 7.85 - 8.29 | WHITE | - | CHROMIUM | SPARROW | - | 50 |
| TNAAR0900 | 8.80 - 9.29 | RED | KUTU | FLUORINE | FERRET | - | 50 |
| TNAAR1050 | 10.50 - 11.09 | BLACK | RANGO | - | MINK | - | 50 |
| TNAAR1125 | 11.10 - 11.79 | BLACK | GRASSHOPPER | HELIUM | - | - | 25 |
| TNAAR1245 | 12.45 - 13.24 | GREEN | WASP/BEETLE | HYDROGEN | - | - | 20 |
| TNAAR1430 | 14.00 - 14.89 | BLUE | WEKE | IODINE | DOG HARE | - | 20 |
| TNAAR1625 | 16.05 - 16.64 | ORANGE | CRICKET HORNET | KRYPTON | - | - | 20 |
| TNAAR1665 | 16.65 - 17.24 | BROWN | WETA | - | DINGO | - | 15 |
| TNAAR1790 | 17.90 - 18.80 | GREEN | - | - | WOLF | - | 10 |
| TNAAR1881 | 18.81 - 19.89 | YELLOW | CHAFER/MATA | NEON | JAGUAR | - | 10 |
| TNAAR2100 | 21.00 - 21.50 | RED | COCKROACH | NITROGEN | - | - | 10 |
| TNAAR2150 | 21.50 - 23.04 | ORANGE | - | NOBELIUM | - | - | 10 |
| TNAAR2305 | 23.05 - 23.59 | BLUE | BUTTERFLY | OXYGEN | - | - | 10 |

COPPER ARMOUR RODS

TNCAR – Copper Armour Rods for Copper conductors

Copper Armour Rods are designed for use with bare Copper conductors, they offer protection from fatigue compressive stresses, abrasion and arc-over. Perfect for use at points of support (insulator, suspension clamp), they should always be used on spans longer than 90m.

| CAT NO. | CONDUCTOR RANGE (mm) OD | CONDUCTOR STRANDING | COLOUR | PACK QUANTITY |
|-----------|----------------------------|------------------------|--------|------------------|
| TNCAR0525 | 4.88 - 5.29 | 7/1.75 | PURPLE | 25 |
| TNCAR0600 | 6.00 - 6.34 | 7/2.00 | YELLOW | 25 |
| TNCAR0750 | 7.50 - 7.99 | - | RED | 20 |
| TNCAR0825 | 8.00 - 8.49 | 7/2.75 & 19/1.75 | WHITE | 20 |
| TNCAR0875 | 8.50 - 8.94 | - | PURPLE | 20 |
| TNCAR0900 | 8.95 - 9.44 | - | RED | 15 |
| TNCAR0945 | 9.45 - 9.99 | 7/3.25 | RED | 10 |
| TNCAR1000 | 10.00 - 10.64 | 19/2.00 | YELLOW | 10 |
| TNCAR1145 | 11.45 - 12.09 | - | GREEN | 10 |
| TNCAR1225 | 12.10 - 12.84 | 37/1.75 & 7/4.15 | PURPLE | 10 |
| TNCAR1285 | 12.85 - 13.59 | - | PURPLE | 10 |
| TNCAR1375 | 13.60 - 14.39 | 19/2.75 | WHITE | 5 |
| TNCAR1500 | 14.40 - 15.04 | 19/3.00 | RED | 5 |
| TNCAR1590 | 15.90 - 16.94 | - | ORANGE | 5 |
| TNCAR1750 | 16.95 - 17.84 | 37/2.50 | BROWN | 5 |
| TNCAR1785 | 17.85 - 18.69 | - | GREEN | 5 |
| TNCAR1925 | 18.70 - 19.49 | 37/2.75 | YELLOW | 5 |

Special Order Only

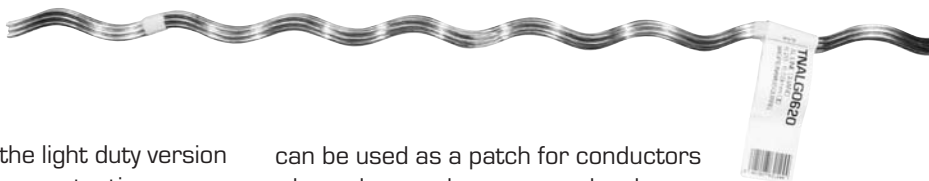


What makes our Labels Better...

- Water resistant material
- Descriptive code
- Conductor name/size information
- Colour code of each fitting
- Barcode

ALUMINIUM LINE GUARDS

TNALG - Made from Aluminium Alloy for use with AAC, AAAC, ACSR & SBC conductors.



Line Guards are usually referred to as the light duty version of an Armour Rod. The Line Guard offers protection against abrasion, compressive stresses etc but they're intended for use on spans of less than 90m. Line Guards

can be used as a patch for conductors where damage has occurred as long as the damage doesn't exceed 25% of the outer layer of strands.

| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTOR NAMES | | | | PACK QUANTITY |
|------------|-------------------------|--------|-----------------|----------|--------------------|----------|---------------|
| | | | AAC | AAAC | ACSR | SBC | |
| TNALG0460 | 4.60 - 4.94 | GREEN | - | - | | MULLET | 50 |
| TNALG0620 | 6.20 - 6.59 | YELLOW | NAMU | - | MAGPIE SQUIRREL | - | 50 |
| TNALG0675 | 6.60 - 6.94 | BROWN | - | BORON | - | FLOUNDER | 100 |
| TNALG0695 | 6.96 - 7.34 | BLUE | POKO | - | GOPHER | - | 50 |
| TNALG0750 | 7.35 - 7.84 | BLUE | - | CHLORINE | - | - | 50 |
| TNALG0830 | 8.30 - 8.79 | BLUE | LADYBIRD | - | FOX | - | 25 |
| TNALG0880D | 8.80 - 9.29 | RED | KUTU | FLUORINE | FERRET | - | 25 |
| TNALG0900 | 8.80 - 9.29 | RED | KUTU | FLUORINE | FERRET | - | 50 |
| TNALG1050 | 10.50 - 11.09 | BLACK | RANGO | - | MINK | - | 50 |
| TNALG1125 | 10.95 - 11.79 | BLACK | GRASSHOPPER | HELIUM | MINK | - | 40 |
| TNALG1125D | 10.95 - 11.79 | BLACK | GRASSHOPPER | HELIUM | MINK | - | 40 |
| TNALG1180 | 11.80 - 12.44 | ORANGE | - | - | RACCOON | - | 50 |
| TNALG1245 | 12.45 - 13.24 | WHITE | WASP | - | - | - | 40 |
| TNALG1325 | 13.25 - 13.99 | WHITE | BETTLE | HYDROGEN | - | - | 50 |
| TNALG1430D | 14.00 - 14.89 | BLUE | WEKE/BEE | IODINE | DOG HARE/HYENA | - | 50 |
| TNALG1430 | 14.00 - 14.89 | BLUE | BEE/WEKE | IODINE | DOG/HYENA | - | 50 |
| TNALG1625 | 16.05 - 16.64 | ORANGE | CRICKET/HORNET | KRYPTON | - | - | 30 |
| TNALG1665 | 16.65 - 17.24 | GREEN | WETA | - | DINGO | - | 20 |
| TNALG1665D | 16.65 - 17.24 | GREEN | WETA | - | DINGO | - | 20 |
| TNALG1790 | 17.90 - 18.80 | BLACK | - | - | WOLF | - | 30 |
| TNALG1881 | 18.81 - 20.14 | YELLOW | CHAFER/MATA | NEON | JAGUAR | - | 30 |
| TNALG2100 | 20.15 - 21.34 | RED | COCKROACH | NITROGEN | - | - | 20 |
| TNALG2300D | 23.20 | ORANGE | BUTTERFLY | OXYGEN | - | - | 10 |
| TNALG2375 | 22.85 - 24.24 | ORANGE | BUTTERFLY | OXYGEN | - | - | 10 |

COPPER LINE GUARDS

TNCLG - Copper Line Guards for Hard Drawn Copper (HDC) conductors

Copper Line Guards are also seen as the light duty version of the Armour Rod. They offer protection from fatigue, abrasion, compressive stresses and arc-over. They are perfect for use at the point of support (insulator or suspension clamp). As well as protection, Line Guards are suitable for use as a patch rod where damage has occurred as long as damage doesn't exceed 25% of the outer layer of strands.

| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | PACK QUANTITY |
|-----------|----------------------------|--------|------------------|
| TNCLG0525 | 5.00 - 5.29 | PURPLE | 50 |
| TNCLG0600 | 6.00 - 6.34 | YELLOW | 50 |
| TNCLG0825 | 8.00 - 8.49 | WHITE | 25 |
| TNCLG0875 | 8.50 - 8.94 | PURPLE | 25 |
| TNCLG0945 | 9.45 - 9.99 | YELLOW | 25 |
| TNCLG1000 | 10.00 - 10.39 | YELLOW | 25 |
| TNCLG1050 | 10.40 - 10.79 | PURPLE | 15 |
| TNCLG1080 | 10.80 - 11.44 | YELLOW | 15 |
| TNCLG1225 | 12.10 - 12.84 | PURPLE | 15 |
| TNCLG1375 | 13.60 - 14.39 | WHITE | 15 |
| TNCLG1500 | 14.40 - 15.04 | RED | 10 |
| TNCLG1750 | 16.95 - 17.84 | BLUE | 5 |
| TNCLG1925 | 18.70 - 19.49 | RED | 5 |



What makes our Helical Fittings Better...

- Water resistant label
- Informative label
- Familiar colour code (as per AS1154)
- Descriptive, familiar product code
- Comprehensive range of products

Aluminium Line Splices & Ali Clad Steel Line Splices



ALUMINIUM LINE SPLICES

TNALS – Made from Aluminium Alloy for AAC, AAAC and ACSR conductors.



Line Splices are designed for splicing and repairing Aluminium conductors. If scratched and greased properly prior to installation Line Splices will restore full conductivity of the conductor. Line Splices will hold at least 90% of the ultimate tensile strength of the conductor.

Never reuse Line Splices. Any repairs should be made to span damage only, never closer than 150mm from an existing fitting.

| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTOR NAMES | | | | PACK QUANTITY |
|-----------|----------------------------|--------|------------------|---------------------|----------|----------|---------------|
| | | | AAC | AAAC | ACSR | SBC | |
| TNALS0625 | 6.25 - 6.54 | YELLOW | NAMU | - | SQUIRREL | - | 50 |
| TNALS0675 | 6.55 - 6.89 | BROWN | - | - | - | FLOUNDER | 50 |
| TNALS0690 | 6.90 - 7.14 | BROWN | GNAT/POKO | BORON | GOPHER | - | 50 |
| TNALS0750 | 7.35 - 7.59 | BLUE | - | CHLORINE | - | - | 50 |
| TNALS0900 | 8.95 - 9.35 | RED | KUTU | FLUORINE | FERRET | - | 40 |
| TNALS1015 | 10.15 - 10.49 | PURPLE | FLY | - | RABBIT | HAKA | 40 |
| TNALS1125 | 10.80 - 11.29 | BLACK | RANGO | HELIUM | MINK | - | 15 |
| TNALS1350 | 13.24 - 13.84 | GREY | BEETLE/ WASP | HYDROGEN | - | - | 10 |
| TNALS1430 | 13.85 - 14.44 | BLUE | WETA | IODINE | DOG | - | 10 |
| TNALS1625 | 15.70 - 16.39 | ORANGE | CRICKET/ WETA | KRYPTON | DINGO | - | 5 |
| TNALS1875 | 18.55 - 19.34 | BLACK | CHAFER/ MATA | NEON | JAGUAR | - | 5 |
| TNALS2100 | 21.00 - 21.59 | RED | COCKROACH | NITROGEN | - | - | 5 |
| TNALS2375 | 22.89 - 24.68 | GREEN | BUTTERFLY | NOBELIUM/ OXYGEN | - | - | 3 |

ALUMINIUM CLAD STEEL LINE SPLICES

TNLLS – Aluminium clad Steel Line Splices for SC/ AC conductors (Left Hand Lay is standard)

| CAT NO. | CONDUCTOR RANGE (mm) OD | CONDUCTOR STRANDING | COLOUR | PACK QUANTITY |
|------------|----------------------------|---------------------|--------|---------------|
| TNLLS0525L | 5.25 - 5.60 | - | PURPLE | 50 |
| TNLLS0593L | 5.60 - 5.94 | 3/2.75 | YELLOW | 50 |
| TNLLS0700L | 6.75 - 7.27 | 3/3.25 | BLUE | 50 |
| TNLLS0825L | 8.00 - 8.29 | 3/3.75 & 7/2.75 | WHITE | 20 |
| TNLLS0975L | 9.70 - 10.04 | 7/3.25 | ORANGE | 20 |
| TNLLS1125L | 10.84 - 11.69 | 7/3.75 | GREEN | 20 |
| TNLLS1375L | 13.25 - 14.29 | 19/2.75 | WHITE | 5 |
| TNLLS1625L | 15.75 - 16.51 | 19/3.25 | ORANGE | 5 |

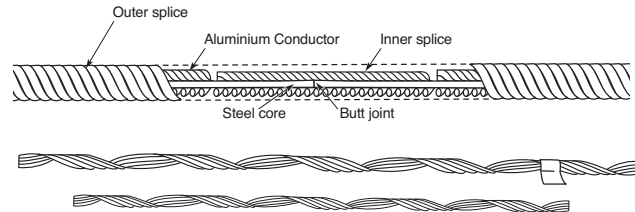
ALUMINIUM FULL TENSION LINE SPLICES

TNFTS – Full Tension Multi Piece Line Splice. Galvanised Steel & Aluminium Alloy for 6/1 or 30/7 ACSR conductors

Full Tension Line Splices are designed for splicing ACSR conductor. The multi piece design holds both the inner steel core, and the outer layers. In some cases filler rods may be needed to bridge the gap between the inner core and the outer strands. The conductor will be returned to full conductivity when spliced with TNFTS.

On ACSR conductors, full tension line splices hold at least 90% of the ultimate tensile strength of the conductor.

Conductors should be scratch brushed and greased properly prior to installation to ensure a long term joint, and never placed closer than 360mm from other fittings. Do not reuse these fittings.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTOR NAMES | | PACK QUANTITY |
|-----------|----------------------------|--------|-----------------|----------|------------------|
| | | | ACSR | SBC | |
| TNFTS0565 | 4.9 | WHITE | THRUSH | | |
| TNFTS0635 | 6.33 | YELLOW | SQUIRREL | - | 30 |
| TNFTS0670 | 6.70 | BROWN | - | FLOUNDER | 30 |
| TNFTS0709 | 7.08 | BROWN | GOPHER | - | 20 |
| TNFTS0900 | 9.00 | RED | FERRET | - | 20 |
| TNFTS1080 | 10.98 | BLACK | MINK | - | 15 |
| TNFTS1420 | 14.15 | BLUE | DOG | - | 10 |
| TNFTS1547 | 15.47 | BROWN | WAXWING | - | 10 |
| TNFTS1075 | 16.75 | BROWN | DINGO | - | 10 |
| TNFTS1810 | 18.13 | WHITE | WOLF | - | 10 |
| TNFTS1930 | 19.30 | BLACK | JAGUAR | - | 10 |
| TNFTS2100 | 21.00 | RED | LEMON | - | 10 |



What's the TransNet Difference...

- Extensive stock holding
- Water resistant label and box
- Familiar colour code (as per AS1154)
- Descriptive, familiar product code
- Comprehensive range of products

COPPER LINE SPLICES

TNCLS – Copper Line Splices for Hard Drawn Copper (HDC) conductors

| CAT NO. | CONDUCTOR RANGE (mm) OD | CONDUCTOR STRANDING | COLOUR | PACK QUANTITY |
|------------|----------------------------|------------------------|--------|------------------|
| TNCLS0400 | 3.90 – 4.21 | 7/1.35 | PURPLE | 50 |
| TNCLS0525 | 4.80 – 5.25 | 7/1.75 | PURPLE | 50 |
| TNCLS0600 | 6.00 – 6.27 | 7/2.00 | YELLOW | 50 |
| TNCLS0660 | 6.54 – 6.87 | - | BLACK | 50 |
| TNCLS0740 | 7.40 – 7.69 | - | GREEN | 30 |
| TNCLS0770 | 7.70 – 8.09 | - | ORANGE | 20 |
| TNCLS0825D | 8.10 – 8.75 | 7/2.75 & 19/1.75 | WHITE | 20 |
| TNCLS0900 | 8.76 – 9.23 | - | RED | 15 |
| TNCLS0965 | 9.24 – 9.99 | 7/3.25 | PURPLE | 10 |
| TNCLS1000 | 10.00 – 10.54 | 19/2.00 & 7/3.50 | YELLOW | 10 |
| TNCLS1068 | 10.55 – 11.08 | - | YELLOW | 10 |
| TNCLS1125 | 11.25 – 11.69 | 19/2.75 | YELLOW | 10 |
| TNCLS1225 | 12.05 – 12.54 | 37/1.75 & 7/4.15 | PURPLE | 10 |
| TNCLS1255 | 12.55 – 13.09 | - | YELLOW | 10 |
| TNCLS1375 | 13.65 – 14.09 | 19/2.75 | WHITE | 5 |
| TNCLS1500 | 14.50 – 15.04 | 19/3.00 | RED | 5 |
| TNCLS1750 | 16.39 – 17.66 | 37/2.50 | BLUE | 5 |
| TNCLS1809 | 18.09 – 18.67 | - | ORANGE | 5 |
| TNCLS1885 | 18.68 – 19.64 | 37/2.75 | BLACK | 5 |
| TNCLS1965 | 19.65 – 20.48 | - | GREEN | 2 |
| TNCLS2100 | 20.49 – 21.54 | - | RED | 2 |
| TNCLS2300 | 23.00 – 23.94 | - | GREEN | 2 |
| TNCLS2950 | 28.43 – 30.65 | - | BLACK | 2 |

LINE SPLICES



What makes our Helical Fittings Better...

- Water resistant label
- Informative label
- Familiar colour code (as per AS1154)
- Descriptive, familiar product code
- Comprehensive range of products

STEEL LINE SPLICES

TNSLS - Galvanised Steel for SC/GZ conductors.

For jointing and restorative repair of Galvanised Steel conductors. The TNSLS range will hold a minimum of 90% of the ultimate tensile strength of the conductor, when used on Galvanised Steel conductors.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | STRANDING | PACK QUANTITY |
|-----------|----------------------------|--------|-----------|---------------|
| TNSLS0245 | 2.45 - 2.64 | BLUE | - | 50 |
| TNSLS0431 | 4.15 - 4.49 | YELLOW | 3/2.00 | 50 |
| TNSLS0480 | 4.5 - 4.99 | BLACK | 7/1.60 | 50 |
| TNSLS0593 | 5.50 - 5.94 | WHITE | 3/2.75 | 50 |
| TNSLS0600 | 5.95 - 6.19 | YELLOW | 7/2.00 | 50 |
| TNSLS0675 | 6.51 - 7.01 | BROWN | - | 50 |
| TNSLS0735 | 7.35 - 7.64 | BLUE | - | 30 |
| TNSLS0825 | 7.92 - 8.29 | WHITE | 7/2.75 | 30 |
| TNSLS0975 | 9.70 - 10.04 | YELLOW | - | 20 |
| TNSLS1125 | 11.15 - 11.49 | BLACK | 7/3.75 | 20 |
| TNSLS1200 | 11.85 - 12.19 | BLACK | 7/4.00 | 10 |
| TNSLS1375 | 13.05 - 13.99 | WHITE | 19/2.75 | 10 |
| TNSLS1625 | 16.00 - 16.44 | ORANGE | 19/3.25 | 5 |



What makes our Labels Better...

- Water resistant material
- Descriptive code
- Conductor name/size information
- Colour code of each fitting
- Barcode

STEEL GUY GRIPS

TNSGG – Galvanised Steel for SC/GZ conductors.

Used for terminating guy wires, earth wires and stay conductors. Guy Grips will hold 100% of the UTS of the wire they are applied to.

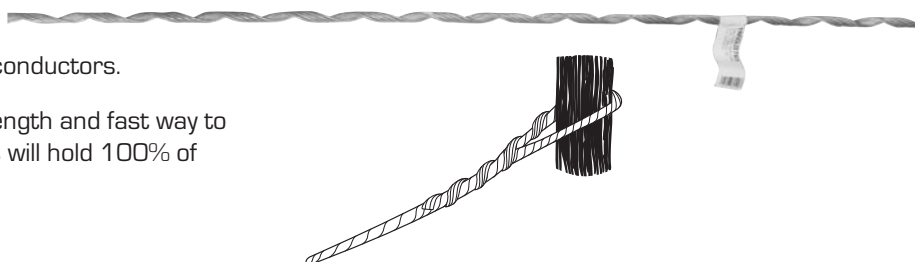


| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTORS | PACK QUANTITY |
|-----------|-------------------------|---------------|------------------------------------|---------------|
| TNSGG0480 | 4.63 - 4.99 | BLACK | 7/16, 7/1.60 SC/GZ | 70 |
| TNSGG0600 | 5.95 - 6.19 | YELLOW | 7/14, 7/2.00 SC/GZ, 6mm STEEL ROPE | 50 |
| TNSGG0620 | 6.20 - 6.49 | YELLOW | - | 50 |
| TNSGG0750 | 7.35 - 7.64 | BLUE | 7/2.50 SC/GZ | 20 |
| TNSGG0765 | 7.65 - 7.99 | WHITE | 7/12, 7/2.64 SC/GZ | 40 |
| TNSGG0825 | 7.90 - 8.29 | WHITE | 7/12, 19/16, 7/2.75 SC/GZ | 20 |
| TNSGG0895 | 8.95 - 9.29 | RED | 7/3.00 | 30 |
| TNSGG0930 | 9.30 - 9.69 | BLUE | - | 20 |
| TNSGG0975 | 9.70 - 10.20 | YELLOW/ORANGE | 7/10, 19/2, 7/3.25 SC/GZ | 20 |
| TNSGG1200 | 11.85 - 12.19 | BLACK | 7/8, 7/4.00 SC/GZ | 20 |
| TNSGG1375 | 13.06 - 13.97 | WHITE | 19/2.75 SC/GZ | 5 |
| TNSGG1625 | 16.00 - 16.40 | ORANGE | 19/10, 19/3.25 SC/GZ | 10 |

STEEL GUY LOCKS

TNSGL – Galvanised Steel for SC/GZ conductors.

Guy Locks are used as a neat, high strength and fast way to secure pole anchoring guys. Guy Locks will hold 100% of the UTS of the wire they are applied to.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | CONDUCTORS | PACK QUANTITY |
|-----------|-------------------------|---------------|-----------------------------|---------------|
| TNSGL0480 | 4.63 - 4.99 | BLACK | 7/16, 7/1.60 SC/GZ | 50 |
| TNSGL0735 | 7.35 - 7.64 | BLUE | - | 30 |
| TNSGL0765 | 7.65 - 7.99 | WHITE | 7/12, 7/2.64 SC/GZ | 40 |
| TNSGL0825 | 7.90 - 8.29 | WHITE | 7/12, 19/16, 7/2.75 SC/GZ | 50 |
| TNSGL0895 | 8.95 - 9.29 | RED | 7/3.00 | 45 |
| TNSGL0930 | 9.30 - 9.69 | BLUE | 7/3.15 | 30 |
| TNSGL0975 | 9.70 - 10.20 | YELLOW/ORANGE | 7/10, 19/2.00, 7/3.25 SC/GZ | 30 |
| TNSGL1200 | 11.84 - 12.17 | BLACK | 7/4.00 SC/GZ | 25 |
| TNSGL1625 | 15.98 - 16.41 | ORANGE | 19/10, 19/3.25 SC/GZ | 10 |

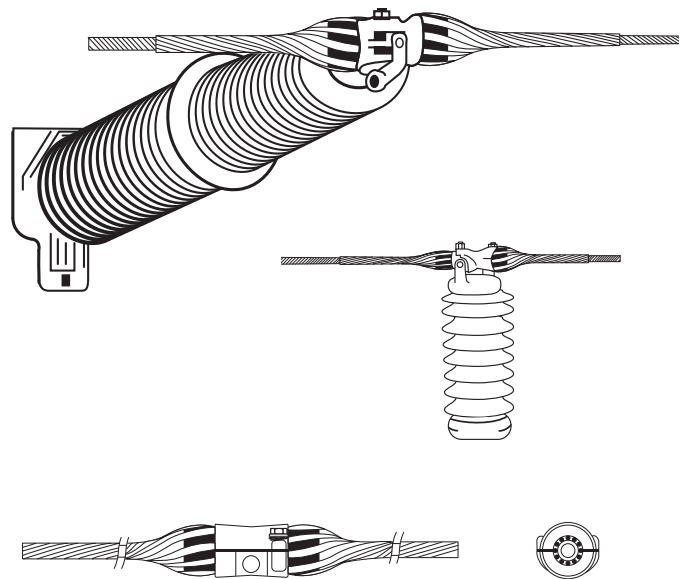
SUPPORT UNITS

TNHSP – Made from Aluminium Alloy and Neoprene inserts for AAC, AAAC & ACSR conductor

Support units offer superior protection to conductors (when compared with Line Guards and Armour Rods) from abrasion, compressive stresses and aeolian vibration. Used in conjunction with clamp top insulators this unit fits directly into the trunion cap.

Consisting of two neoprene cushioned halves, reinforced for enclosing the conductor within an Aluminium rod cage. All this is secured by a two piece Aluminium housing.

Our Helical Support Units permit optimum tensioning of conductors with complete safety. The neoprene supports grip the conductor gently, distributing clamping pressure over a greater area. TNHSP units can accommodate line angles up to 30°.



| CAT NO. | CONDUCTOR (mm) OD | COLOUR | AAC/AAAC | ACSR | PACK QUANTITY |
|-----------|-------------------|--------|------------------|-----------------|---------------|
| TNHSP1125 | 11.25 | BLACK | 7/3.75 | 6/1 + 4/3/3.75 | 20 |
| TNHSP1350 | 13.50 | GREEN | 7/4.50 | - | 20 |
| TNHSP1430 | 14.30 | BLUE | 7/4.75 | 6/4.75 + 7/1.60 | 15 |
| TNHSP1625 | 16.25 | ORANGE | 19/3.25 | - | 15 |
| TNHSP1750 | 17.50 | BLUE | - | 30/7/2.50 | 10 |
| TNHSP1875 | 18.75 | BLACK | 19/3.75 | - | 10 |
| TNHSP2100 | 21.00 | RED | 37/3.00, 19/4.21 | 30/7/3.00 | 3 |

SUSPENSION UNITS

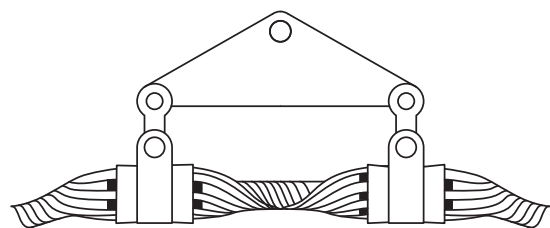
TNHSA – Made from Aluminium Alloy with Neoprene inserts for AAC, AAAC & ACSR Conductor

Helical Suspension Units reduce the wear and fatigue on conductors. They reduce static stresses at suspension points and provide greater protection to conductors than Line Guards and Armour Rods.

This range of Helical Suspension Units is good for use on line angles up to and including 30° and, with double units, up to 60°.

Materials used in this range

- Bolt and nut – Galvanised steel
- Split pin – Stainless steel, humpback
- Strap – High strength Aluminium Alloy
- Neoprene insert – Aluminium Alloy reinforcement moulded into the neoprene.



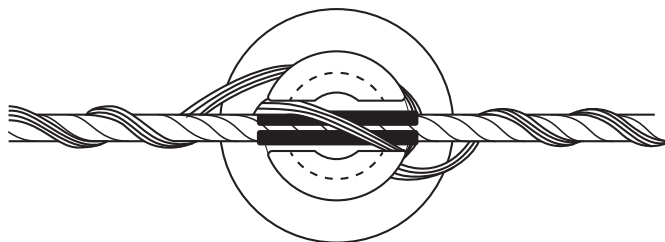
Suspension Units Cont...

| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | AAC/AAAC | ACSR |
|-----------|----------------------------|--------|----------|---------------------|
| TNHSA0750 | 7.23 - 7.79 | RED | 7/2.50 | 6/1/2.50 - 3/4/2.50 |
| TNHSA0825 | 7.70 - 8.34 | BROWN | 7/2.75 | 6/1/2.75 |
| TNHSA0900 | 8.35 - 9.04 | ORANGE | 7/3.00 | 6/1/3.00 - 4/3/3.00 |
| TNHSA0975 | 9.05 - 9.89 | RED | - | - |
| TNHSA1050 | 9.90 - 10.64 | ORANGE | - | - |
| TNHSA1125 | 10.65 - 11.44 | GREEN | 7/3.75 | 6/1/3.75 - 4/3/3.75 |
| TNHSA1145 | 11.45 - 12.24 | WHITE | - | - |
| TNHSA1270 | 12.25 - 13.04 | BLUE | 7/4.50 | - |
| TNHSA1350 | 13.05 - 13.79 | GREEN | - | - |
| TNHSA1430 | 13.80 - 14.59 | BLUE | 7/4.75 | 6/4.75 + 7/1.60 |
| TNHSA1460 | 14.60 - 15.09 | BLUE | - | - |
| TNHSA1510 | 15.10 - 15.75 | BROWN | - | - |
| TNHSA1625 | 15.76 - 16.36 | ORANGE | 17/3.25 | 30/7/2.50 |
| TNHSA1640 | 16.40 - 17.09 | ORANGE | - | - |
| TNHSA1750 | 17.10 - 17.54 | GREEN | 19/3.50 | - |
| TNHSA1755 | 17.55 - 18.04 | BLUE | - | - |
| TNHSA1805 | 18.05 - 18.59 | BLACK | - | - |
| TNHSA1875 | 18.60 - 19.09 | YELLOW | 19/3.75 | - |
| TNHSA1910 | 19.10 - 19.54 | WHITE | - | - |
| TNHSA1955 | 19.55 - 20.19 | WHITE | - | - |
| TNHSA2020 | 20.20 - 20.94 | RED | - | - |
| TNHSA2100 | 20.95 - 21.49 | RED | 37/3.00 | 30/7/3.00 |
| TNHSA2150 | 21.50 - 22.09 | BLUE | - | - |
| TNHSA2210 | 22.10 - 22.69 | BLUE | - | - |
| TNHSA2270 | 22.70 - 23.04 | GREEN | 37/3.25 | 30/7/3.25 |
| TNHSA2375 | 23.05 - 23.84 | BLUE | 19/4.75 | - |
| TNHSA2385 | 23.85 - 24.44 | BLUE | - | - |
| TNHSA2450 | 24.45 - 25.04 | YELLOW | - | 30/7/3.50 |
| TNHSA2505 | 25.05 - 25.54 | YELLOW | - | - |
| TNHSA2625 | 25.55 - 26.44 | BROWN | 37/3.75 | - |
| TNHSA2700 | 26.45 - 27.29 | GREEN | - | 54/7/3.00 |
| TNHSA2730 | 27.30 - 27.69 | GREEN | - | - |
| TNHSA2770 | 27.70 - 28.39 | ORANGE | - | - |
| TNHSA2840 | 28.40 - 28.89 | ORANGE | - | - |
| TNHSA2930 | 28.90 - 29.89 | BLUE | 61/3.25 | 54/7/3.25 |
| TNHSA2990 | 29.90 - 30.69 | BLUE | - | - |
| TNHSA3070 | 30.70 - 31.14 | BLUE | - | - |
| TNHSA3150 | 31.15 - 31.99 | PURPLE | - | 54/7/3.50 |
| TNHSA3200 | 32.00 - 32.69 | BLUE | - | - |
| TNHSA3270 | 32.70 - 33.39 | GREEN | - | - |
| TNHSA3375 | 33.40 - 34.44 | BLACK | 31/3.75 | 54/3.75 + 19/2.25 |
| TNHSA3625 | 34.94 - 37.66 | ORANGE | - | - |

DISTRIBUTION TIES

TNLDT – Made from Aluminium clad Steel for AAC, AAAC & ACSR Conductors

TNSDT – Aluminium Ties for AAC, AAAC & ACSR Conductors



Distribution Ties were designed for securing conductors to the top groove on insulators. The Neoprene pad reduces fatigue and wear on the conductor at the support point

(insulator).

Distribution ties are fast and easy to install, they are recommended as an improvement, over Armour Rods.

| CAT NO. | CONDUCTOR RANGE (mm) OD | AAC/AAAC STRANDING | ACSR STRANDING | PACK QUANTITY |
|---------------|-------------------------|--------------------|-----------------------|---------------|
| TNLDT0525 (*) | 4.80 - 5.49 | 7/1.75 | 3/4/1.75 | 50 |
| TNLDT0593 (*) | 5.50 - 6.24 | - | - | 50 |
| TNLDT0625 (*) | 6.25 - 7.04 | 7/2.25 | - | 50 |
| TNLDT0750 (*) | 7.05 - 7.99 | 7/2.50 | 6/1/2.50 - 3/4/2.50 | 50 |
| TNLDT0900 (*) | 8.47 - 9.35 | 7/3.00 | 6/1/3.00 - 4/3/3.00 | 50 |
| TNLDT1125 (*) | 10.59 - 11.69 | 7/3.75 | 6/1/3.75 - 4/3/3.75 | 50 |
| TNLDT1350 (*) | 13.25 - 14.94 | 7/4.40 & 7/4.75 | 6/4.75 + 7/1.60 | 50 |
| TNLDT1625 (*) | 14.95 - 16.99 | 19/3.25 | - | 50 |
| TNLDT1750 (*) | 17.00 - 18.25 | 19/3.50 | 30/7/2.50 | 50 |
| TNLDT1875 (*) | 18.25 - 19.23 | 19/3.75 | - | 50 |
| TNLDT2150 (*) | 19.76 - 21.75 | 37/3.00 | 30/7/3.00 | 50 |
| TNLDT2290 (*) | 21.75 - 24.58 | 37/3.25 & 19/4.75 | 30/7/3.25 & 30/7/3.50 | 25 |
| TNLDT2588 (*) | 24.59 - 26.50 | 37/3.75 | 54/7/3.00 | 25 |
| TNLDT2950 (*) | 27.10 - 30.20 | 61/3.25 | 54/7/3.25 | 25 |

SIZES OF DISTRIBUTION TIES WHEN FITTING OVER ARMOUR RODS

| DISTRIBUTION TIE CAT NO. | ARMOUR ROD CAT NO. | CONDUCTOR | | | CONDUCTOR RANGE (mm) OD | DIAMETER OVER ARMOUR ROD (mm) |
|--------------------------|--------------------|-----------------|---------|--------|-------------------------|-------------------------------|
| | | ACSR | AAC | SC/GZ | | |
| TNSDT0865 (*) | TNAARO480D | - | - | 7/1.60 | 4.80 | 8.86 |
| TNLDT1125 (*) | TNAARO525 | 3/4/1.75 | - | - | 5.25 | 11.15 |
| TNSDT1036 (*) | TNAARO480D | - | - | 3/2.75 | 5.93 | 10.00 |
| TNLDT1350 (*) | TNAARO750 | 3/4/2.50 | - | - | 7.50 | 14.80 |
| TNLDT1625 (*) | TNAARO900 | 6/1/3.00 | 7/3.00 | - | 9.0 | 16.30 |
| TNLDT1900 (*) | TNAAR1125 | 6/1/3.75 | 7/3.75 | - | 11.25 | 19.37 |
| TNLDT2150 (*) | TNAAR1350 | - | 7/4.50 | - | 13.50 | 22.44 |
| TNLDT2290 (*) | TNAAR1430 | 6/4.75 + 7/1.60 | 7/4.75 | - | 14.30 | 23.24 |
| TNLDT2588 (*) | TNAAR1625 | - | 19/3.25 | - | 16.25 | 26.01 |
| TNLDT2751 (*) | TNAAR1875 | - | 19/3.75 | - | 18.75 | 28.51 |

***Note:** When ordering Distribution Ties, nominate insulator neck diameter add the correct suffix as follows:
C = 60mm neck diameter, F = 76mm neck diameter, J = 90mm neck diameter, K = 112mm neck diameter

Side Ties & Spiral Vibration Dampers

SIDE TIES

TNAST – Made from Aluminium Alloy for AAC, AAAC & ACSR conductors



Side Ties were designed for securing conductors to the side groove on insulators. The Neoprene pad eliminates conductor abrasion at the insulator interface.

| CAT NO. | CONDUCTOR RANGE (mm) OD | AAC/AAAC STRANDING | ACSR STRANDING | PACK QUANTITY |
|---------------|-------------------------|--------------------|---------------------|---------------|
| TNAST0525 [*] | 4.95 - 5.29 | 7/1.75 | 3/4/1.75 | 50 |
| TNAST0750 [*] | 7.23 - 7.79 | 7/2.50 | 6/1/2.50 - 3/4/2.50 | 50 |
| TNAST0900 [*] | 9.00 - 9.34 | 7/3.00 | 6/1/3.00 - 4/3/3.00 | 50 |
| TNAST1045 [*] | 10.45 - 11.14 | - | - | 50 |
| TNAST1125 [*] | 11.15 - 11.80 | 7/3.75 | 6/1/3.75 - 4/3/3.75 | 50 |
| TNAST1350 [*] | 13.00 - 14.00 | 7/4.50 | - | 50 |
| TNAST1430 [*] | 14.00 - 15.10 | 7/4.75 | 6/4.75 + 7/1.60 | 50 |
| TNAST1510 [*] | 15.10 - 16.04 | - | - | 50 |
| TNAST1625 [*] | 16.04 - 16.89 | 19/3.25 | - | 50 |
| TNAST1750 [*] | 16.90 - 17.94 | 19/3.50 | 30/7/2.50 | 50 |
| TNAST1875 [*] | 17.95 - 18.99 | 19/3.75 | - | 50 |
| TNAST1900 [*] | 19.00 - 20.19 | - | - | 50 |
| TNAST2100 [*] | 20.59 - 21.64 | 37/3.00 | 30/7/3.00 | 30 |

*** Note:** When ordering Distribution Ties, nominate insulator neck diameter add the correct suffix as follows:
C = 60mm neck diameter, F = 76mm neck diameter, J = 90mm neck diameter, K = 112mm neck diameter

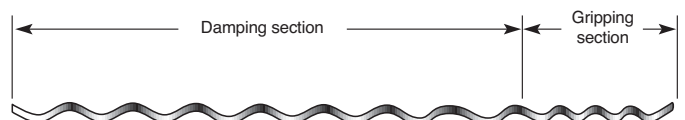
SPIRAL VIBRATION DAMPERS

TNSVD – For all AAC, AAAC, ACSR, Copper, SC/AC & SC/GZ conductor. Made from high impact, UV stable PVC rod.



Spiral Vibration Dampers were designed to reduce aeolian vibration in conductors, generated by the wind.

The gripping part of the SVD should be installed about 100–120mm away from other fittings. One SVD at each end of a span is adequate unless spans exceed 245m, where it is recommended two are installed at each end.



| CAT NO. | CONDUCTOR RANGE (mm) OD | COLOUR | PACK QUANTITY |
|-----------|-------------------------|--------|---------------|
| TNSVD0441 | 4.43 - 6.34 | RED | 25 |
| TNSVD0635 | 6.35 - 8.29 | BLUE | 25 |
| TNSVD0830 | 8.30 - 11.70 | WHITE | 25 |
| TNSVD1173 | 11.71 - 14.30 | YELLOW | 25 |
| TNSVD1432 | 14.32 - 19.30 | GREEN | 10 |

Clevis Thimbles & Socket Thimbles

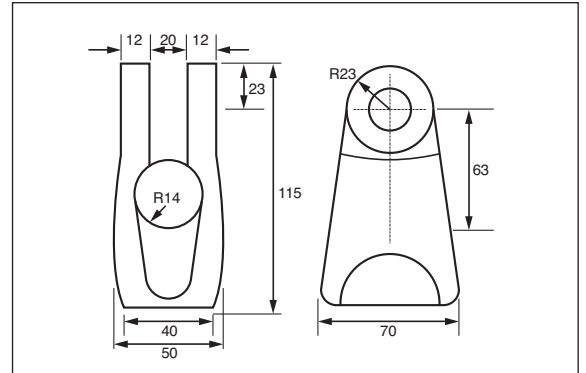
Clevis Thimbles and Socket Thimbles designed for use with TransNet Helical fittings. Other thimbles are available on request, please contact customer service if you require a special model.

Materials

The TransNet range of Thimbles are made from high quality Aluminium Alloy or Galvanised MCI castings.

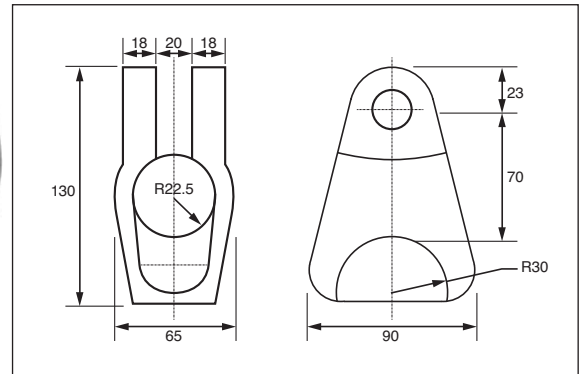
CAB750 - Aluminium Clevis 70kN

For use with Aluminium and Aluminium clad Steel Deadends up to 15mm.



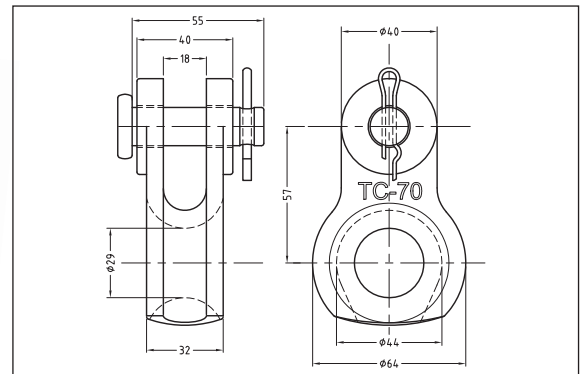
CAB950 - Aluminium Clevis 70kN

For use with Aluminium and Aluminium clad Steel Deadends 15mm and larger.



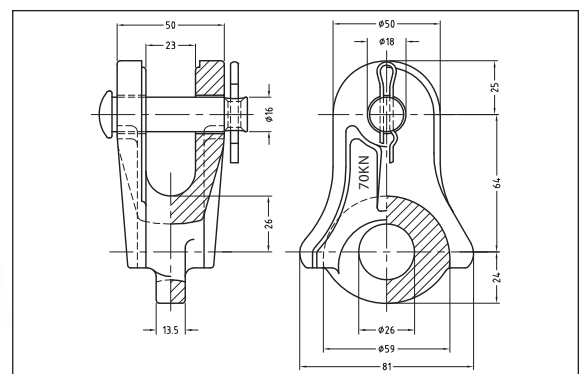
CAC438Q - Galvanised Iron Clevis

For use with Copper, Copper clad Steel and Steel Deadends up to 15mm.

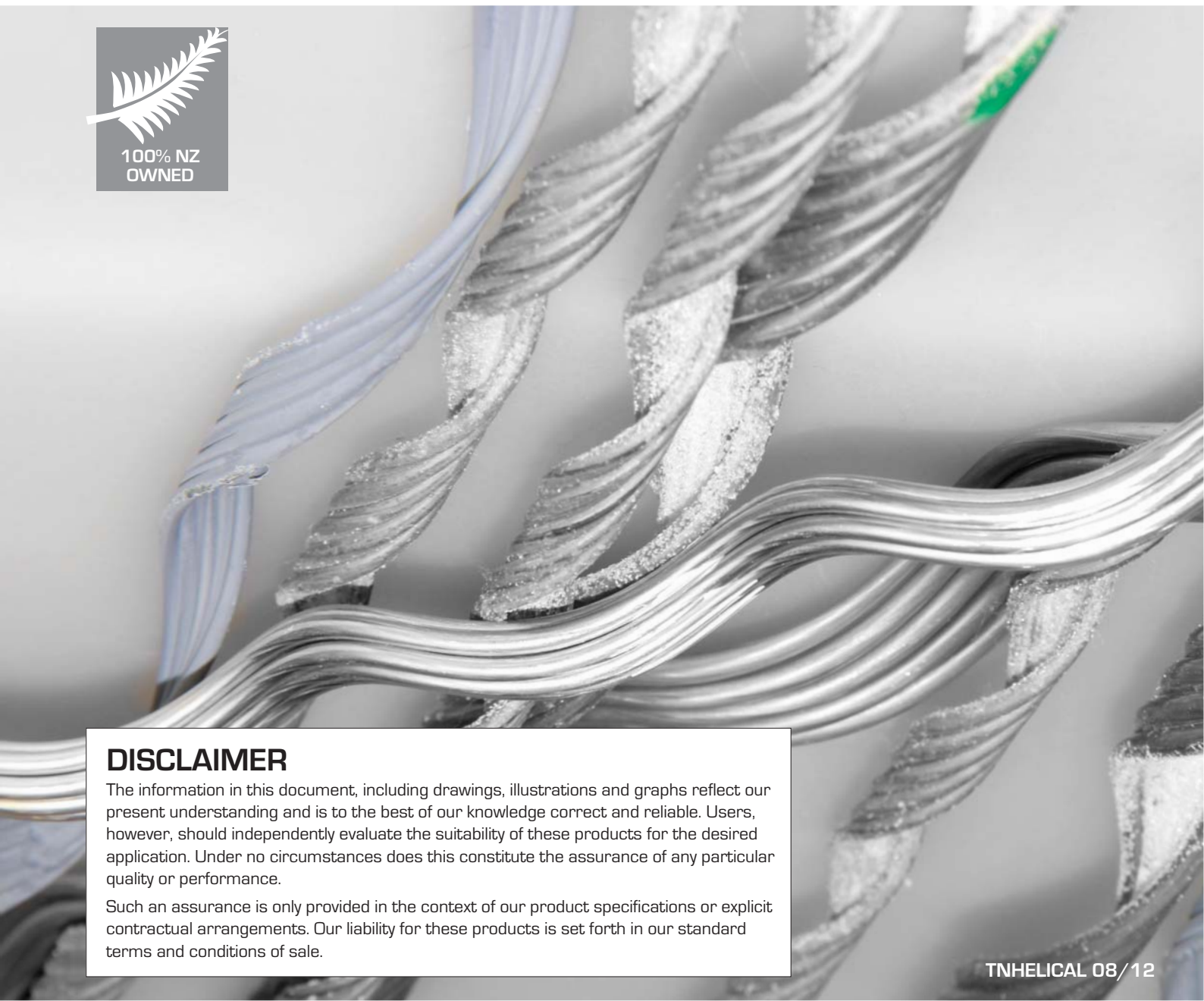


11CT-88B - Aluminium Clevis

For use with Aluminium and Aluminium clad Steel Deadends up to 10mm.



THIMBLES



DISCLAIMER

The information in this document, including drawings, illustrations and graphs reflect our present understanding and is to the best of our knowledge correct and reliable. Users, however, should independently evaluate the suitability of these products for the desired application. Under no circumstances does this constitute the assurance of any particular quality or performance.

Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

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