

# OVERHEAD LINE FITTINGS (U.K.) LIMITED



EDITION A08



THORNE AND DERRICK UK – LEAK DETECTION

TEL: 0044 (0)191 490 1547

FAX: 0044 (0)191 477 5371

TEL: 0044 (0)117 977 4647

FAX: 0044 (0)117 477 5582

[WWW.HEATTRACING.CO.UK](http://WWW.HEATTRACING.CO.UK)

[WWW.THORNEANDDERRICK.CO.UK](http://WWW.THORNEANDDERRICK.CO.UK)

e-mail: [northernsales@thorneandderrick.co.uk](mailto:northernsales@thorneandderrick.co.uk)





OVERHEAD LINE FITTINGS (U.K.) LIMITED

# CONDUCTOR ACCESSORIES

Section C



SUSPENSION CLAMPS



WEDGE CLAMPS



COMPRESSION DEAD END CLAMPS



JUMPER CONNECTORS/ PALMS



MID-SPAN & NON-TENSION JOINTS



NON-TENSION JOINT SPACERS



BI-METALLIC CONNECTORS



LINE TERMINATION FITTINGS



REPAIR SLEEVES



JUMPER WEIGHTS





# CONDUCTOR ACCESSORIES

*Overhead Line  
Fittings (UK) Limited  
has available a comprehensive  
range of conductor fittings and  
accessories to suit the majority of  
conductors in common use and also  
some of the more specialised conductors  
e.g. Matthew, Sycamore, etc.*



*The range of conductor accessories and fittings  
includes suspension clamps, bolted and integral  
compression anchor clamps, wedge clamps,  
mid-span joints, repair sleeves, non tension  
joints spacers, tee connectors, etc.*

*Also available is a range of the more specialised  
conductor accessories such as bi-metallic  
connectors, both pin and palm type, earthbonds,  
parallel groove clamps, angled and straight  
jumper terminals suitable for bi-metallic  
connections.*

*Within the available range of conductor fittings  
are the galvanised jumper weights and combined  
clamp weights suitable for the majority of  
conductors and conductor configurations.*

*All fittings and accessories are designed  
and manufactured to meet the  
requirements of applicable standards  
and specifications including  
BS EN 61284 and  
NGTS 3.4.6.*





# CONDUCTOR ACCESSORIES



*In the event that "non-standard" or special fittings are required, Overhead Line Fittings (UK) Limited's dedicated engineering staff with its unparalleled depth of knowledge, experience and expertise will be pleased to discuss all aspects of design and testing to your complete satisfaction.*

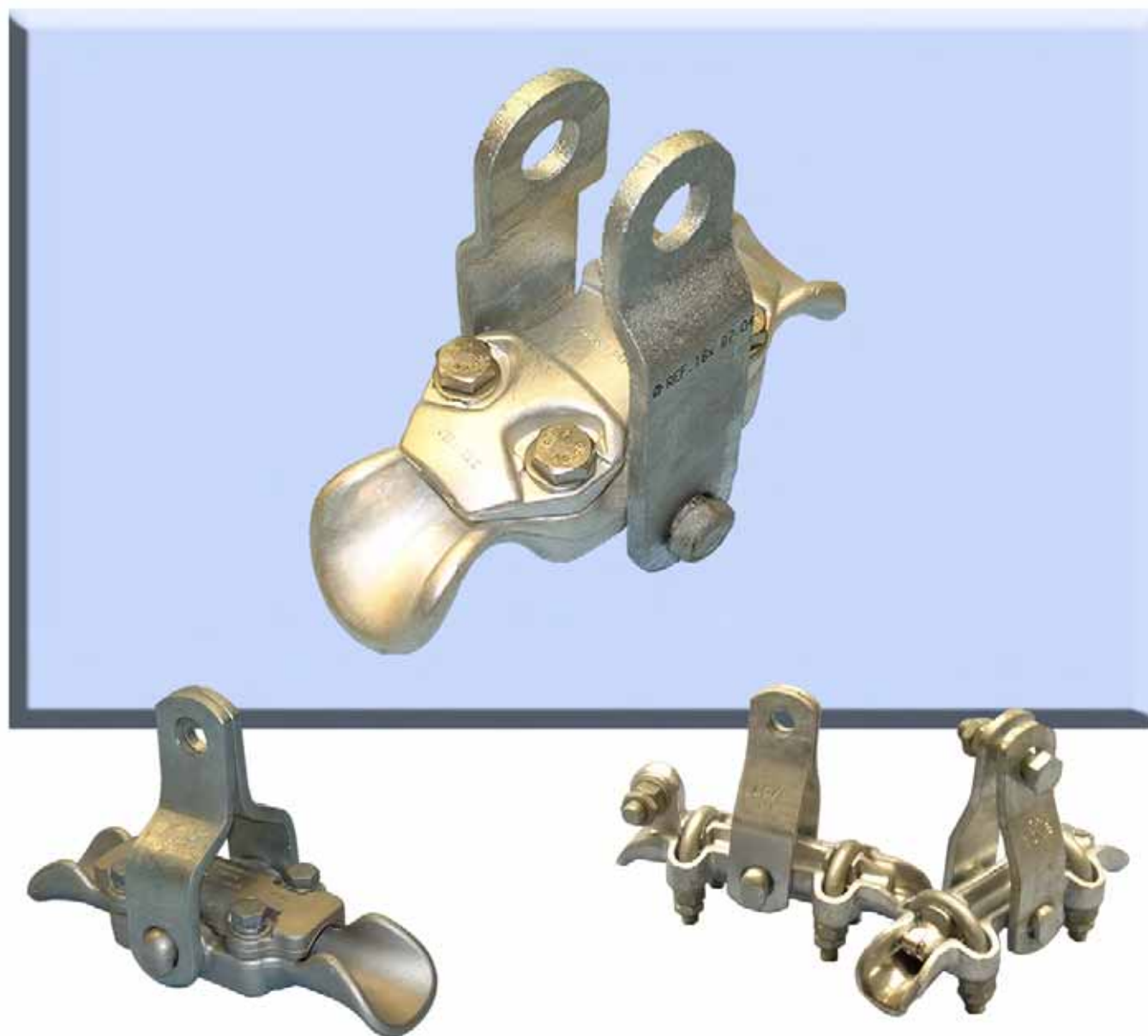
*The following pages depict the range of conductor fittings available in an illustrative manner. It is impractical to show each and every one of the large range of fittings available.*







# CONDUCTOR ACCESSORIES



*Suspension Clamps are available for the majority of conductors in common use.*

*This range includes clamps of forged aluminium and clamps of galvanised malleable cast iron which are supplied complete with aluminium liners for use with aluminium based conductors.*

*Suspension Clamps for earth wire applications are similarly available. These clamps are provided with suitable lugs for the connection of earth bonds.*

*Suspension clamps are designed to meet requirements of BS EN 61284 and NGTS 3.4.6. as and where applicable.*



# CONDUCTOR ACCESSORIES

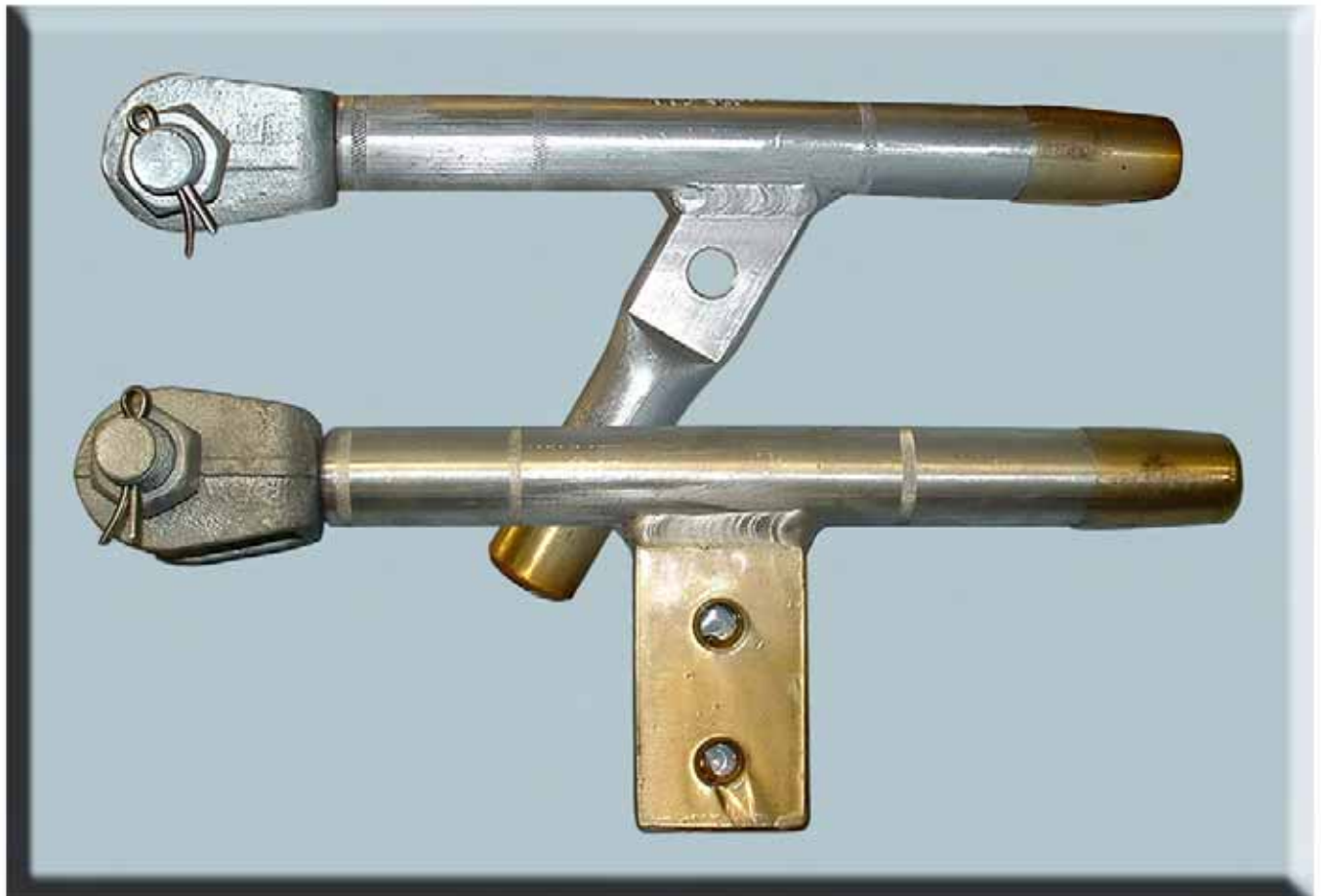


*A selection of wedge clamps is available to suit the majority of commonly used AAC conductors.*

*The range includes clamps suitable for 200mm. Sq. Poplar conductor and up to and including 850mm. Sq. Redwood conductor.*



# CONDUCTOR ACCESSORIES



*A comprehensive range of compression anchor clamps is available suitable for majority of AAC, AAAC and ACSR conductors. This range includes the special GZT ACSR conductor (Matthew) for which Overhead Line Fittings (UK) Limited was at the forefront of the design of the relevant fittings in collaboration with National Grid.*

*Compression anchor clamps are available either as bolted type suitable for detachable jumper palms or the integral types having angled or straight jumper facility.*





# CONDUCTOR ACCESSORIES



*A range of angled and straight jumper palms to compliment the bolted compression clamps is similarly available for AAC, AAAC and ACSR conductors.*

*Also available is a range of jumper palms suitable for bi-metallic connections.*





# CONDUCTOR ACCESSORIES

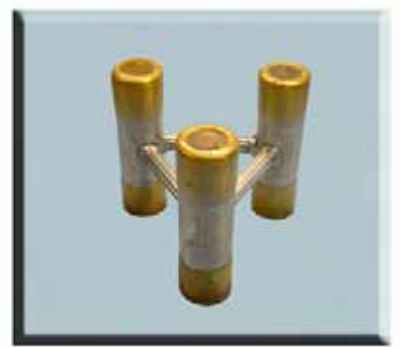


*Mid span joints are used to connect two lengths of conductor together between the towers and are classed as tension joints. These are available for the majority of commonly used conductors.*

*Non-tension Joints are used in an identical manner to mid-span joints but where the conductor is not at line tension i.e. jumper loops, down leads, etc.*



# CONDUCTOR ACCESSORIES



*A range of non-tension joint spacers is available for twin, triple and quad constructions. These items are used to maintain the spacing of the conductors in Jumper Loops and also, as required, for conductor bonding or jointing. Spacers are available for a variety of conductors.*



# CONDUCTOR ACCESSORIES



*A range of Bi-metallic connectors is available in angled palm, straight palm or pin type format.*





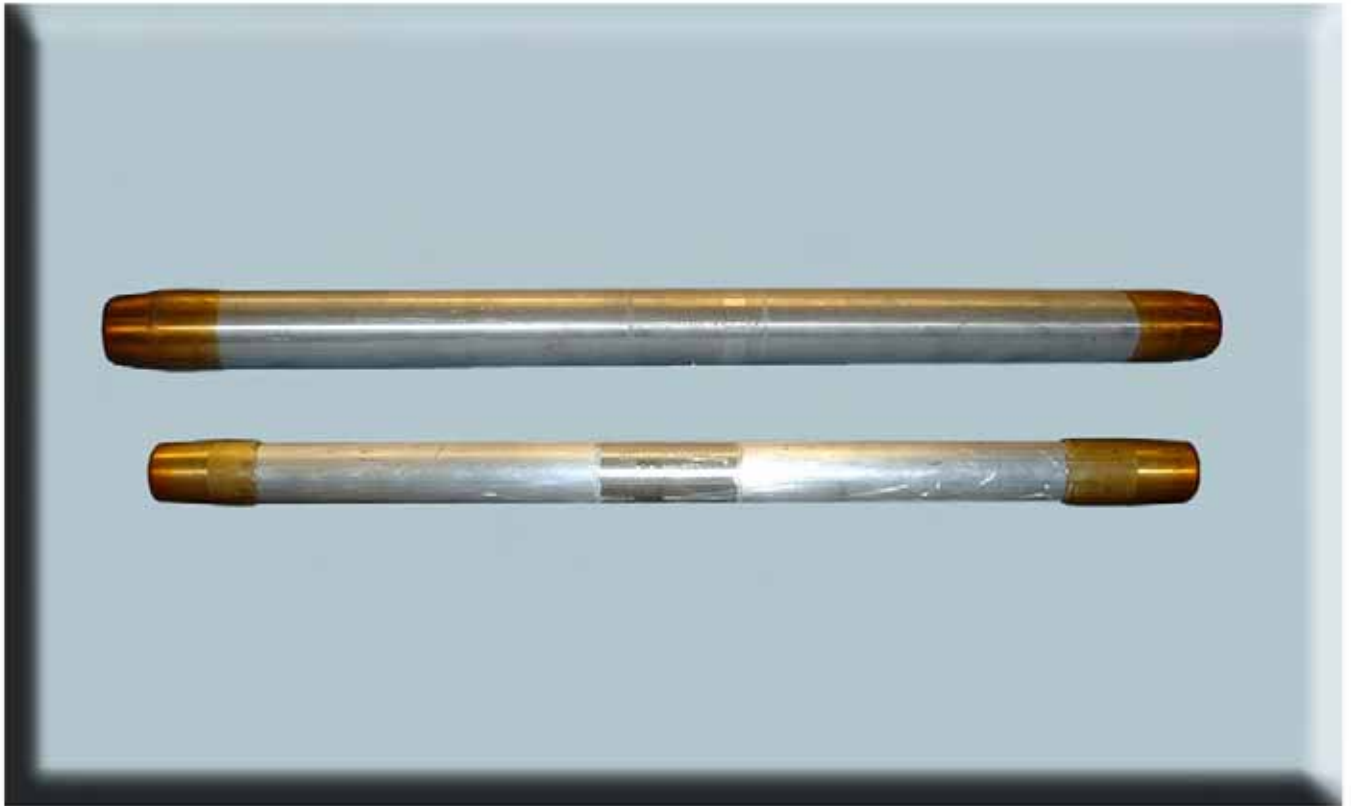
# CONDUCTOR ACCESSORIES



*A range of Line Termination fittings is available suitable for the majority of conductors in common use.*



# CONDUCTOR ACCESSORIES



*Repair sleeves are used where the strands of the conductor are broken. The sleeve is simply compressed over the damaged section of the conductor. The diameter and the length vary in order to suit the applicable conductor.*



# CONDUCTOR ACCESSORIES



*Jumper weights are available for single, twin, triple and quad conductor configurations. These weights range from 6.5kg to 50kg. Combined 85kg clamp weights for twin, triple and quad conductor bundles are similarly available. These clamp weights are supplied complete with aluminium liners where applicable.*

*For the more common pilot/dolly suspension sets used on 132kV systems, weights for connection directly to the suspension clamp via extended "U" bolts are available. These weights range from 22.5kg. upwards in multiples of 25kg.*

*Where required, a system of weights and accessories, is available for connection to twin yoke plates (28/22 and 42/22).*

*All weights are galvanised in accordance with BS EN ISO 1461 and NGTS 3.4.6. as and where applicable.*