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Carrera 32 No. 22B - 76
Tel.: (571) 368 4311
Fax: (571) 368 0898
e-mail: tecnoweld@tecna.com.co

Contáctenos en nuestras Oficinas de:

PERU
TECNA PERU SAC
Representante
Avenida Arequipa No. 2450 Of.: 1102
Teléfono: (51 1) 4218058 - 2211509 - Fax: (511) 2211509
Correo electrónico: peru@tecna-ice.com - Lima

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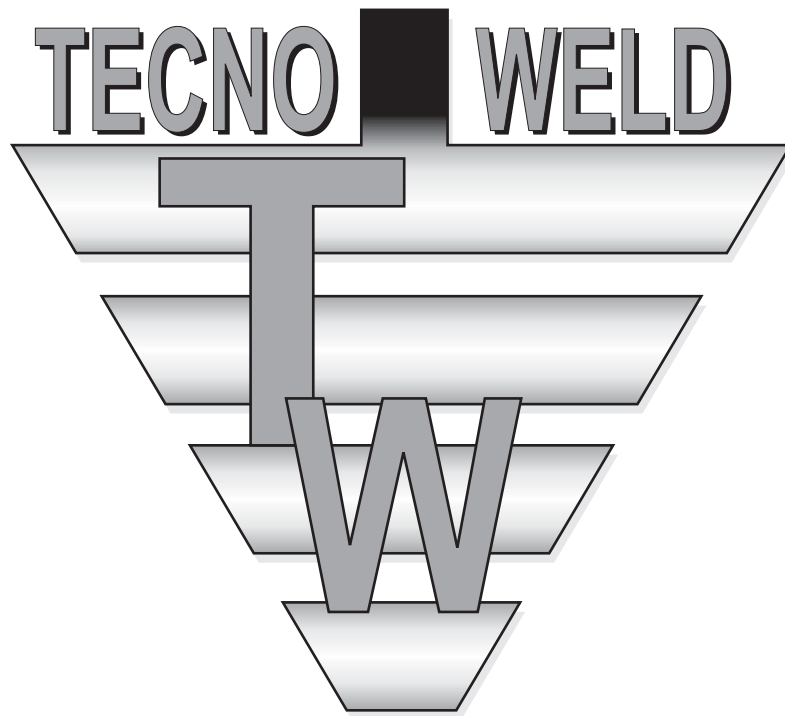
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Información Técnica • Technical Information

Departamento de Ingeniería - TECNOWELD S.A.

Departamento de Estudios Técnicos - TECNOWELD S.A.

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ISSN No. 0123-4862



Tecnoweld S. A. es una empresa que ha sido creada para ofrecer soluciones precisas para el Suministro, Instalación y Mantenimiento de **MALLAS A TIERRA** y poder prestar a ustedes todos los servicios que de esta área se desprenden. Así mismo hemos sido nombrados como **“Distribuidor Master para Colombia de los Productos Thermoweld”**

PRODUCTOS:

1. Soldadura Aluminotérmica
2. Molde de Grafito
3. Herramientas de sujeción para moldes y cables
4. Kit de limpieza para moldes
5. Varillas tipo Copper Weld
6. Sistemas de protección contra rayos

FINALIDAD

Proteger a las personas de las descargas eléctricas, proteger a los animales, proteger los equipos contra cortos circuitos, brindar confiabilidad en la conductibilidad eléctrica.

VENTAJAS DE LA SOLDADURA ALUMINOTÉRMICA

1. Se garantiza una conexión perfecta rápida y permanente
2. Simplicidad y eficiencia
3. Libre mantenimiento
4. Portátil
5. No requiere fuente externa de energía
6. Elimina el par galvánico
7. Puede soportar igual o mayor voltaje y corriente que los conductores a soldar.

AREAS DE USO

1. Subestaciones eléctricas
2. Telecomunicaciones
3. Pararrayos
4. Salas de Computo
5. Aeronavegación
6. Apantallamiento
7. Torres eléctricas
8. Puentes
9. Transformadores
10. Edificios

11. Salas de Cirugía
12. Estructuras Metálicas
13. Equipos sensibles
14. Tuneles
15. Industria

Como complemento a nuestra línea de productos ofrecemos:

1. Conectores Mecánicos de cobre
2. Platinas de cobre
3. Tornillería en bronce
4. Tratamientos químicos o suelos artificiales

SERVICIO TÉCNICO

- Contamos con departamento de ingeniería para proyectos especiales
- Servicio de instalación
- Servicio completo de aplicación, suministro de materiales y mano de obra

CALIDAD

Control de Calidad a todos nuestros productos.

ASESORÍA

Brindamos cursos de capacitación en todo el país.



Tecnoweld S.ÍA. is a company that has been created to provide precise solutions for the supply, installation and maintenance of **GROUNDING SYSTEMS** and provide you all services derived from this area. Also, we have been appointed as **“Master Distributor for Colombia”** for **Thermoweld®** products.

PRODUCTS:

1. Thermal Welded Connections
2. Graphite Molds
3. Clamping tools for molds and cables
4. Cleaning kits for molds
5. Cooperweld type rods
6. Lightning protection systems

GOAL

Protect people from electrical discharges, protect the animals, protect equipment against short circuits, and provide trustworthiness to electrical conductance.

ADVANTAGES OF THERMAL WELDED CONNECTIONS

1. A perfect, fast and permanent connection is guaranteed
2. Simplicity and efficiency
3. Maintenance-free
4. Portable
5. Does not require an external power source
6. Eliminates galvanic pair
7. May withstand an equal or greater voltage and current than welded conductors

AREAS OF APPLICATION

1. Electrical secondary stations
2. Telecommunications
3. Lightning arrests
4. Computer rooms
5. Air navigation
6. Shielding
7. Electrical towers
8. Bridges
9. Transformers
10. Buildings
11. Surgical Rooms (OR's)

12. Metallic Structures
13. Sensitive equipment
14. Tunnels
15. Industry

As a compliment to our product line, we also offer:

1. Mechanical copper connectors
2. Copper plates
3. Bronze screws/bolts
4. Soil chemical treatment

TECHNICAL SERVICE

- We have an engineering department for special projects
- Installation service
- Complete application, materials supply and hand of labour service

QUALITY

We exercise Quality Assurance on all our products.

CONSULTING

We provide training courses nation-wide.

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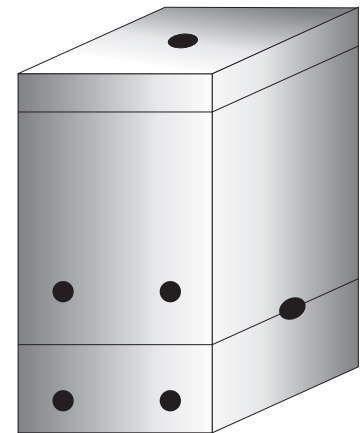
CARACTERÍSTICAS

Sistema de Soldadura Aluminotérmica: Produce unión molecular. No se suelta. No se afecta por par galvánico. Puede soportar igual o mayor voltaje y corriente que los conductores soldados. Esta soldadura se emplea en empresas de servicios públicos, en plantas generadoras de energía eléctrica, fabricas procesadoras, grandes edificios comerciales y demás establecimientos. El sistema ha sido diseñado para asegurar buenas y permanentes conexiones. Es de poco peso y volumen; fácil de transportar.

COMPONENTES

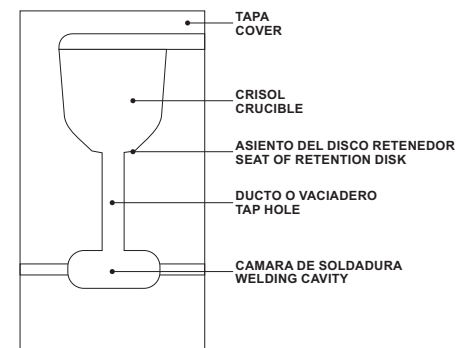
1. MOLDE:

- El molde de grafito está maquinado, de manera precisa para la conexión que se va a realizar y para el tamaño apropiado de los conductores.
- Están disponibles en gran variedad de tipos de uniones; desde uniones cable a cable hasta uniones cable a estructura de acero.
- Cada molde se suministra con una hoja de instrucciones generales sobre seguridad, preparación de los conductores e instrucciones sobre la soldadura.
- Cada molde tiene una marcación que incluye la referencia de catálogo, los elementos a soldar y la carga de soldadura requerida.



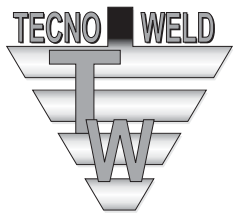
Partes del molde:

- Tapa: Cierra el molde mientras se realiza la reacción exotérmica.
- Crisol o Copa: Sostiene el material de soldadura antes de que la reacción suceda.
- Asiento del Disco Retenedor: En el fondo del crisol hay un asiento en el cual se coloca el disco de retención para sostener el material en el crisol antes de la reacción.
- Cámara de Soldadura: Cavity mecanizada en el cual se ajustan de manera precisa los conductores o elementos a soldar. Tiene una holgura o mayor diámetro que los elementos a soldar.
- Ducto o Vaciadero: El material fundido baja por un ducto desde el crisol hasta la cavidad de soldadura.



2. SOLDADURA:

- El material soldante se suministra identificado con el número de catálogo y cantidad.
- El material soldante, es un mezcla de óxido de cobre y aluminio que requiere más de 870 °C para encenderse. El polvo color plateado que se encuentra aparte, es el INICIADOR de la reacción, el cual se enciende con el chispero o encendedor.

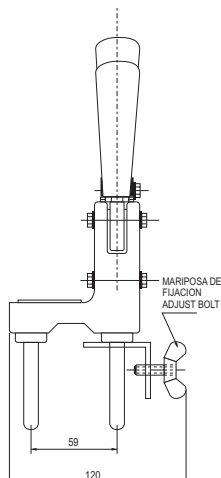
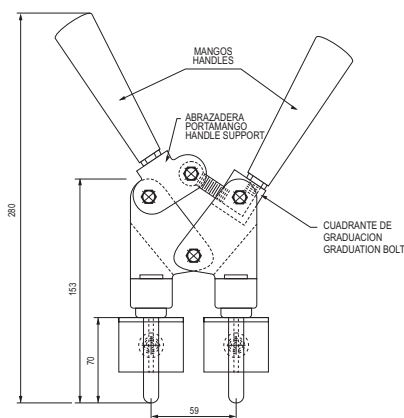


MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Características • Features

TIPO SG1



3. DISCO:

- De material ferroso o no ferroso.
- Permite la reacción exotérmica en el crisol durante el tiempo necesario para que la escoria resultante flote; el calor del cobre fundido (líquido) derrite el disco y fluye hacia la cavidad para la soldadura.

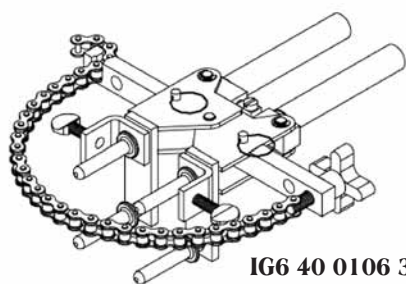
4. PINZAS:

- Diseño exclusivo para el 100% de los moldes de grafito fabricados, para soldaduras cable a cable, cable a platinas y cable a varilla.
- Ajusta el molde ejerciendo presión entre partes.
- La presión se puede variar.

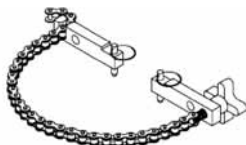
PINZAS DE CADENA HORIZONTAL Y VERTICAL

Las pinzas de cadena son usadas para sostener el molde en posición sobre tubería o estructura horizontal o vertical de hasta 4" de diámetro. Para tuberías de mayor diámetro se suministra una extensión de cadena de 20" que permite que la pinza sea utilizada en tuberías de hasta 10" de diámetro. La pinza con cadena puede suministrarse como un solo elemento completo o si ya se tienen las pinzas puede ordenarse únicamente la cadena y los accesorios de montaje que se adaptan perfectamente con la pinza tradicional.

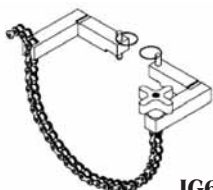
PREPARACIÓN DE LOS ELEMENTOS



IG6 40 0106 32



IG6 40 0106 76



IG6 40 0106 78

- **Cables, Varillas, Platinas o superficies que reciban la soldadura:** La humedad retenida entre los filamentos ocasiona salpicaduras y derrames de soldadura; al igual que el mugre, la grasa o los aceites industriales y óxidos. La soldadura, en presencia de estos elementos será deficiente. Los elementos deben limpiarse con un cepillo metálico para remover todos los componentes extraños. Debe calentarse con antorcha.
- **Moldes:** Absorben humedad del medio ambiente, El polvo, mugre, grasa y otros ocasionan soldaduras deficientes. Deben calentarse con antorcha, a través del crisol y las entradas de los elementos a soldar. Asegurarse que se elimine todo vestigio de humedad. Se comprueba en el campo colocando una gota de agua en uno de los costados; esta debe evaporarse inmediatamente.
- **Fugas:** Si hay evidencia de posible fugas a través de las entradas de los conductores, se pueden utilizar barro arcilloso o cerámico alrededor de los conductores o cables en la parte exterior.

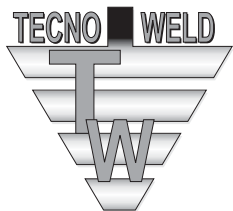


INSTALACIÓN Y REACCIÓN

- Para hacer una conexión, sostenga un disco retenedor contra el lateral del crisol. Permita que se deslice hasta el fondo y verifique que el disco quede bien colocado en el asiento del fondo.
- Vierta el material soldante en el crisol teniendo cuidado de no verter el material iniciador.
- Vierta el cartucho de fundente en el crisol.
- Cierre la tapa.
- Vierta un poco de material iniciador en el bolsillo de ignición.
- Encienda con el chispero apuntando al centro de la tapa donde depositó el material iniciador. El material se enciende y se inicia la reacción del material soldante dentro del crisol.
- El oxígeno del óxido de cobre se combina con el aluminio para formar cobre fundido y escoria (óxido de aluminio).
- El disco retenedor actúa como válvula que retiene la reacción en el crisol para permitir que la escoria flote en la parte alta y se separe del material de cobre fundido. El calor liberado por esta reacción funde el disco y el cobre fundido fluye por el ducto hacia la cámara de soldadura.
- El material fundido calienta la cámara de soldadura, funde los extremos de los hilos de los conductores, llena la cavidad y se convierte en sólido para producir una unión compacta.
- Toda la reacción ocurre en pocos segundos.

PRECAUCIONES DE SEGURIDAD

- Encienda el chispero iniciador de la reacción, colocándose a un lado del molde. Con el brazo extendido accione el chispero en el bolsillo de ignición ubicado en el centro de la tapa superior del molde.
- Si hay brisa, colóquese con está a favor (brisa a su espalda).
- Evite la aspiración de los humos de la reacción (son tóxicos).
- Tenga presente que por la boca del crisol, salen gotas o salpicaduras de metal fundido que pueden ocasionar graves quemaduras. Utilice guantes de carnaza para manipular el molde después de la reacción para remover la escoria.



**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Problemas Frecuentes • Usual Problems

PROBLEMAS FRECUENTES

La mayoría de los problemas presentados en soldaduras aluminotérmicas pueden solucionarse verificando las siguientes causas:

PROBLEMA No. 1

La soldadura está cubierta con excesiva escoria.

Verificación:

- 1.1 La mezcla soldante escapó por el borde del disco retenedor.
- 1.2 Asiento para el disco desportillado en el molde.
- 1.3 Disco retenedor, corrido cuando se vació la mezcla soldante.
- 1.4 Disco no sentado correctamente.
- 1.5 Disco no utilizado.

NOTA: Una pequeña cantidad de escoria sobre la superficie es aceptable.

PROBLEMA No. 2

Goticas de metal fundido son expulsadas fuera del crisol cuando se efectúa la conexión.

Causa:

- 2.1 Presencia de humedad en el molde, cables o en ambos.

PROBLEMA No. 3

Cables no se soldan.

Verificación:

- 3.1 Los cables no fueron limpiados y secados adecuadamente.

Corrección:

- 3.1.1 Remover óxidos con cepillo de alambre. Cortar extremos muy oxidados. Usar carga soldante para trabajo pesado
- 3.1.2 Secar conductores con antorcha.
- 3.2 Cables separados en el molde.

Corrección:

- 3.2.1 Colocar los cables adecuadamente.
- 3.2.2 La separación debe quedar bajo canal de llenado.

PROBLEMA No. 4

Los cables se salen del molde durante el proceso de soldadura.

Corrección:

- 4.1 Use grapas o prensas para sostenerlos en su sitio.
- 4.2 Evite que los cables queden tirantes o en tensión.



PROBLEMA No. 5

Escapes de soldadura alrededor de los cables.

Corrección:

- 5.1 Aplicar barro cerámico alrededor de los cables, cuando el molde este cerrado.
- 5.2 Usar moldes con platinas de desgaste (que actúan como enfriadoras)
- 5.3 Molde con mediadas adecuadas a los cables a soldar.
- 5.4 Molde muy desgastado, reemplazarlo.

PROBLEMA No. 6

Insuficiente soldadura para cubrir los cables

Verificación:

- 6.1 Utilizar la cantidad recomendada de material soldante.
- 6.2 Demasiada separación entre los cables o elementos a soldar.
- 6.3 Molde con fugas.

Corrección: Ver problemas 3, 9 y 11

PROBLEMA No. 7

Conexión con aletas

Corrección:

- 7.1 Molde mal cerrado. Verificar el ajuste del molde y de la pinza.
- 7.2 Molde con desgaste excesivo necesita cambio.

PROBLEMA No. 8

El vaciadero (llenadero) es muy alto

Verificación:

- 8.1 Correcta cantidad de mezcla soldante
- 8.2 Humedad en el molde o cables

Corrección: Ver problema No. 3

PROBLEMA No. 9

El molde se desgasta rápidamente.

Verificación:

- 9.1 Limpiar el molde con un cepillo suave, trapo o papel periódico. No use cepillo de alambre.
- 9.2 Remover el molde después de cada soldadura con cuidado y evitar astillamiento y fricciones.

PROBLEMA No. 10

La soldadura no se adhiere (pega) sobre el acero

Corrección:

- 10.1 Limpiar el acero con escofina, grata, esmeril o similar, hasta el grado "metal brillante" o desnudo. Capas de óxido, pinturas y otras deben removerse completamente, el cepillo de alambre no es suficiente, grasa y aceites deben removerse con disolventes.
- 10.2 Limpiar superficies galvanizadas con cepillo de alambre o tela esmeril. Galvanizado espeso, debe limpiarse con un raspador.
- 10.3 Si el acero tiene humedad, calentar con antorcha preferiblemente desde la cara posterior.
- 10.4 Todo depósito de carbón formado por la antorcha, debe removerse.
- 10.5 Verificar la posición correcta de los cables.

PROBLEMA No 11

La soldadura no se adhiere (pega) al hierro nodular, maleable o fundido.

Corrección:

- 11.1 Remover toda capa antes de limpiar.
- 11.2 Limpiar toda superficie con raspador, esmeril o similar hasta "metal brillante o desnudo".
- 11.3 Limpiar las superficies con disolventes seguros.

PROBLEMA No. 12

La conexión es porosa o no es uniforme.

- 12.1 Presencia de humedad en el cable, molde o ambos.

Corrección:

- 12.2 Limpiar, secar los cables y calentarlos.
- 12.3 Calentar el molde con antorcha por encima de 100 C o efectuar una "quema" sin cables a conectar, teniendo cuidado de evitar posibles graves quemaduras por escape repentino del metal fundido.
- 12.4 Si el molde tiene platinas metálicas de desgaste, solo calentar con antorcha.
- 12.5 Presencia de barro cerámico en la cavidad de soldar.

Corrección: Si es necesario, aplicarlo solo cuando el molde esté cerrado.

PROBLEMA No. 13

El molde no cierra firmemente.

Verificación:

- 13.1 Grapa de cierre desajustada.
- 13.2 Cables ovalados o doblados.
- 13.3 Mugre o escoria en las juntas del molde.
- 13.4 Diámetro incorrecto de cables.



CONEXIONES DE TRABAJO PESADO

USO:

- Requerimientos especialmente para reconexiones de cables de cobre multifilares, sólidos o de cables endurecidos.
- Para conexiones eléctricas de difícil acceso y cuyas condiciones de preparación para la soldadura sean apenas aceptables en comparación con las condiciones normales de una soldadura corriente.
- Para reconexiones en mallas a tierra antiguas
- Para interconexión con mallas antiguas (ampliaciones de mallas antiguas)
- Para mallas con cables o conductores reciclados.
- Para garantizar mayor resistencia mecánica en conexiones críticas.

CARACTERÍSTICAS:

- Molde con mayor volumen que el corriente en la cavidad de soldadura.
- Se requiere mayor cantidad de soldadura
- Mayor cantidad de calorías o BTU's en tiempo (la temperatura de la reacción exotérmica es la misma, es decir, superior a 2.800 °C).

VENTAJAS:

- Elimina la necesidad de corte de los extremos de cable viejo, siempre y cuando se limpie aceptablemente.
- Se puede soldar cables que han sufrido fuerte oxidación siempre y cuando se limpien aceptablemente.
- La reacción exotérmica se prolonga por más tiempo con lo cual se permite sublimar cuerpos extraños remanentes en la limpieza.
- Se puede reforzar los puntos críticos en las mallas a tierra en donde se prevean condiciones y factores severos.

NOTAS:

- No se puede utilizar un molde corriente debido a la capacidad menor en la cavidad de la soldadura.
- No todos los tipos de soldadura requieren de soldaduras "trabajo pesado".

FEATURES

Thermic welding process produces a molecular bond. It will not loose, is not affected by galvanic corrosion, accepts equal or more current capacity than the welded conductors themselves. The thermic weldings are used in government utility companies, power stations, factories, commercial buildings and other facilities. The process has been engineered to assure a good and permanent electrical connection. Elements required are small and light therefore easy to carry.

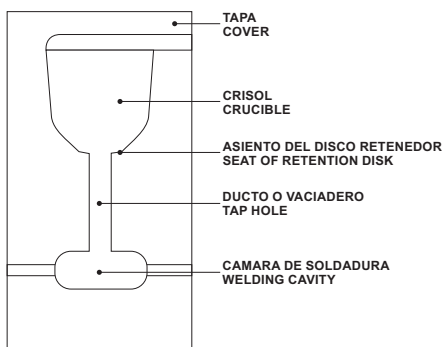
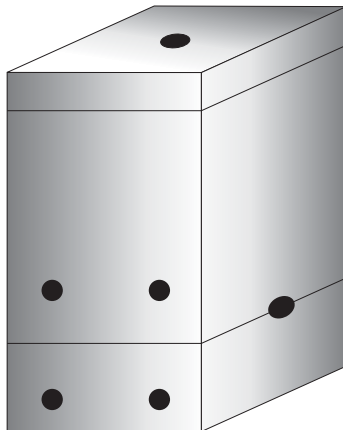
REQUIRED ELEMENTS

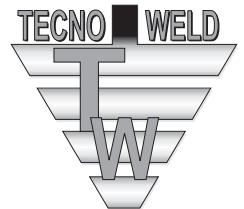
1. MOLD:

- The graphite mold is precisely drilled for the exact size of conductors to be welded.
- There are great variety of different weldings from a simple cable-cable to a cable-steel structure.
- Each mold is supplied with a general instructions sheet which details the recommended safety procedure, preparation of conductors and welding material.
- Every mold includes a nameplate with catalog number, size of conductors that it was built for and size of weld metal cartridge required.

Parts of the mold:

- Cover: Closes the mold during exothermic reaction.
- Crucible: Contents the welding material before exothermic reactions is dropped into the welding cavity.
- Seat of Retention Disk: At the bottom of the crucible, there is a seat where the retention disk accommodates to hold the molten material.
- Tap Hole: The molten copper flows through the tap hole into the welding cavity.
- Welding Cavity: It is a precisely machined cavity that holds the conductors or elements that will be welded. The molten copper reaches this cavity after melting the retention disk and running across the tap hole.





**TIPO
SG1**

2. WELDING POWDER:

- Every cartridge of welding powder is supplied with a label indicating weight of powder contained (expressed in grams).
- The welding powder is a mixture of copperoxide and aluminum powder that requires temperatures above 870 C to be ignited. A second type of powder, silver color is also packed inside but separately. This is called the starting powder for the reaction. The flint gun shall be pointed to the starting powder to start the reaction.

3. DISK:

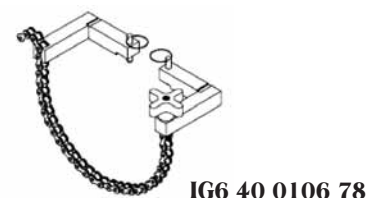
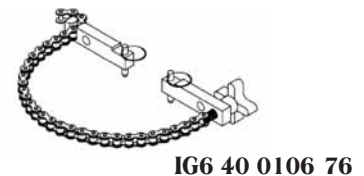
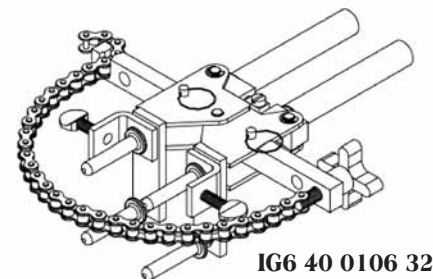
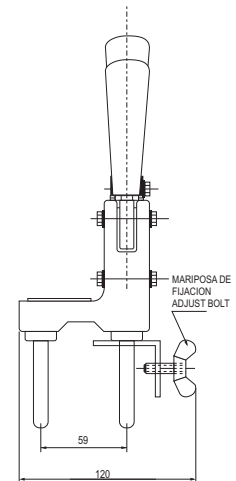
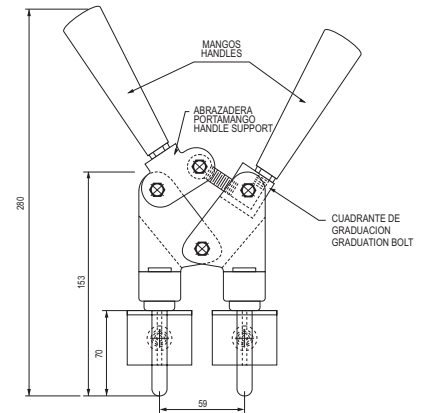
- Made up of ferrous or non-ferrous material.
- The disk holds exothermic reaction in the upper chamber for a period of time to allow slag float and permit pure copper to flow down first, after melting the disk, to the welding cavity.

4. HANDLE CLAMPS:

- TECNOWELD handles are appropriate for 100% of the molds offered.
- Used to handle the graphite molds.
- Handle clamps are also used to hold the mold closed while the reaction of the powder takes place.

HORIZONTAL AND VERTICAL CHAIN CLAMPS

Chain clamps are used to hold a mold in position on horizontal or vertical pipe or surface up to 4" in diameter. For larger pipes a 20" chain extension is available to allow the chain clamps to be used on pipe up to 10" in diameter. The chain clamp can be purchased complete with the handle clamp, or if you already have a set of clamps, you can order just the chain clamp and mounting assembly. The mounting assembly can easily be attached to the standard handle clamps.



PREPARATION OF ELEMENTS

- **Cables, Grounds Rods and surfaces involved in the welding:** Moisture trapped between the strands of cables, as well as dirt, grease industrial oil and oxides may produce splash or overflow of welding material while reaction takes place. Elements must be cleaned with a metallic brush to remove all the foreign elements. They must be dried with torch.
- **Molds:** They absorbed moisture from the environment. Molds must be carefully dried with heat (using a torch). Check mold by splashing water to the mold. Water must evaporate immediately.
- **Leaks:** If there is evidence of possible leaks through the cable openings use clay around conductors in the external part of the mold.

INSTALLATION AND REACTION

- To make a connection, hold retention disk inside the crucible wall. Let the disk slide to the bottom seat.
- Pour the welding material into the crucible without including the starting powder.
- Pour a small amount of the starting powder in the upper border of the mold and uniformly spread the balance over the welding powder.
- Close the cover.
- Pour a small quantity of powder in starting the ignition pocket.
- Set fire pointing the flint gun to the starting powder.
- Oxygen from the copper oxide combines with the aluminum powder to produce free molten copper plus slag (aluminum oxide).
- The retention disk act as a valve to retain the reaction into the crucible until the slag floats over the molten copper. The reaction heat melts the retention disk and then, the molten copper flows to the welding cavity through the tap hole.
- The molten copper fill the welding cavity, meets the strands of the cable and produces a compact solid connection.
- All the process of the reaction takes place in only a few seconds.

SAFETY PRECAUTIONS

- When setting fire, place your hand extended to a side of the mold to avoid possible splashes of the welding material. Extend your arm in full when holding the flint gun, aiming to the ignition pocket located on the center of the mold's upper cap.
- If wind is blowing, be sure to stand between the coming wind and the welding point. This protects you from being touched by the flames or reached by the fumes.
- Avoid aspiration of fumes produced in this reaction. (These fumes are toxic).
- Drops of hot welding metal may come out from the inside of the mold and produce heavy burns. Use hand leather gloves during all the process to protect yourself.



FREQUENT PROBLEMS

PROBLEM No. 1

The connection is covered with excessive slag.

Recommended inspection:

- 1.1 Welding material escaped through the edge disk.
- 1.2 Disk seat at the mold is chipped.
- 1.3 Retention disk was moved when the welding material was poured
- 1.4 Retention disk was not properly seated.
- 1.5 Retention disk was not installed.

NOTE: A small amount of slag on the surface is acceptable.

PROBLEM No. 2

Molten metal drops are spits out of the crucible when making a connection.

Cause:

- 2.1 Presence of moisture in the mold, cables or Both.

PROBLEM No. 3

The conductors do not weld.

Check:

- 3.1 The conductors were not properly cleaned and dried.

Correction:

- 3.1.1 Remove the oxide with wire brush. Cut the oxide ends. Use heavy duty molds.
- 3.1.2 Dry conductors with torch.

- 3.2 Separated cables at the mold.

Correction:

- 3.2.1 Set the cables properly.
- 3.2.2 The gap must be centered under the tap hole.

PROBLEM No. 4

The cable pull out of the mold during welding

Correction:

- 4.1 Use clamps to hold them in place.
- 4.2 Avoid cable tension.

PROBLEM No. 5

The metal weld leaks around the conductors.

Correction:

- 5.1 Apply clay around the conductors when the mold is closed.
- 5.2 Use mold with wear plate (which act as chill plates).
- 5.3 Use molds with adequate size to the cable being welded.
- 5.4 The mold is too worn, replace it.

PROBLEM No.6

Insufficient fill metal to cover the conductors.

Check:

- 6.1 Use the recommended size welding material.
- 6.2 Too large gap between conductors.
- 6.3 Mold with leakage.

Correction: See problem 3, 9 and 11

PROBLEM No. 7

Connections with fins (The metals is lost).

Correction:

- 7.1 The mold is not completely closed.
- 7.2 The mold is excessively worn. Change it.

PROBLEM No. 8

The riser is too high

Check:

- 8.1 The correct size of the welding material.
- 8.2 Moisture in the mold or conductors.

Correction: See problem 13

PROBLEM No. 9

The mold wears out quickly.

Check:

- 9.1 Clean the mold with a brush, cloth or newspaper. Do not use wire brush.
- 9.2 Remove the mold carefully after each connection; avoid chipping.



PROBLEM No. 10

The welding does not stick to the steel.

Correction:

- 10.1 Clean the steel with a rasp, grinder or similar up to the "bare metal" grade. Oxide scale, paint and other coating, must be completely removed. The wire brush, is not sufficient. Grease, and oil must be removed with safety solvent.
- 10.2 Clean the galvanized surface with a wire brush or emery. The heavy galvanized must be cleaned with a rasp.
- 10.3 If the steel has moisture, heat it with a torch preferable from the back side.
- 10.4 Any carbon deposit from the flame, must be removed.
- 10.5 Check the correct conductor position.

PROBLEM No. 11

The welding to nodular iron malleable or cast iron does not stick to the surface.

Correction:

- 11.1 Remove any coat before clean.
- 11.2 Clean all the surface with a rasp, grinder or similar upto bright metal grade.
- 11.3 Clean the surface with safety solvent.

PROBLEM No. 12

The connection is porous and uniformed.

- 12.1 Presence of moisture either in conductor or mold.

Correction:

- 12.2 Clean, dry and heating the conductors.
- 12.3 Heat the mold over 100 C or ignite a weld metal without conductors, having care to avoid severe burns due to the sudden scape of the molten material.
- 12.4 If the mold has wear plate, heat only with torch:
- 12.5 Presence of clay in the welding cavity.

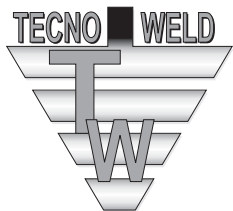
Correction: If it necessary, apply it only when the mold is closed.

PROBLEM No. 13

The mold does not close tightly

Check:

- 13.1 The adjustment of the handle clamps.
- 13.2 Conductors out of round or bent.
- 13.3 Dirt or slag in the mold parting line.
- 13.4 Correct size of the conductors.



**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Conexiones de Trabajo Pesado • Heavy Duty Connections

HEAVY DUTY CONNECTIONS

USE:

- Specially used when reconnecting cables with multiple filaments, and solid or endured cables.
- For electrical connections when access and preparation of conductors is difficult not allowing a comparable acceptable cleaning process of the cables for welding.
- For reconnections in old grounding networks or interconnections with them.
- When connecting grounding with second-hand cables.
- To ensure higher mechanical resistance in critical junctions of the grounding networks.

FEATURES:

- The mold cavity volume is larger than the standard connections molds, therefore:
- Quantities of welding powder required are larger than in standard connections.
- Temperature of the reaction is always the same is standard or HDC but the exposition time to the welding temperature (2.800 C) is longer in HDC which assure appropriate welding.

ADVANTAGES:

- Allow correct connections without having to cut ends of old cable.
- Connections with cables that has been exposed to great oxidation can be accomplished.
- In the above mentioned cases, cleaning of cable is required.
- Time of exposition to the reaction temperature helps burn some of the dust left in the cleaning process.
- If special conditions occurred that may have damage some of the junction points in the network, the connections can be welded over the previous ones using a Heavy Duty Mold.

NOTES:

- A standard mold cannot be used for a Heavy Duty connections.
- Not all the very different configurations of connections require Heavy Duty joints.

Contact TECNOWELD for special requirements.

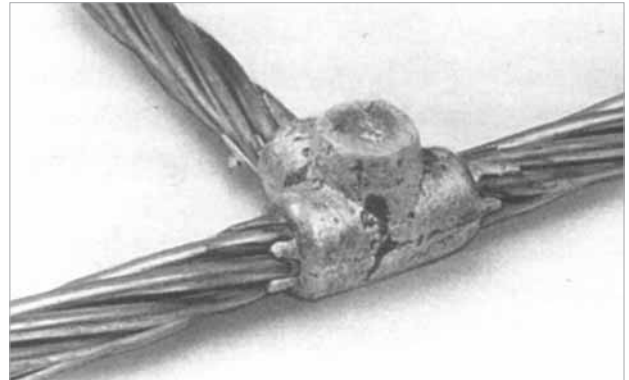
INSTRUCCIONES PARA INSPECCION DE SOLDADURAS • INSPECTION OF WELDING POINTS

BUENA

Soldadura sólida solo presenta imperfecciones menores en la superficie.

GOOD

A solid welding. Only minor imperfections can be observed in the surface.

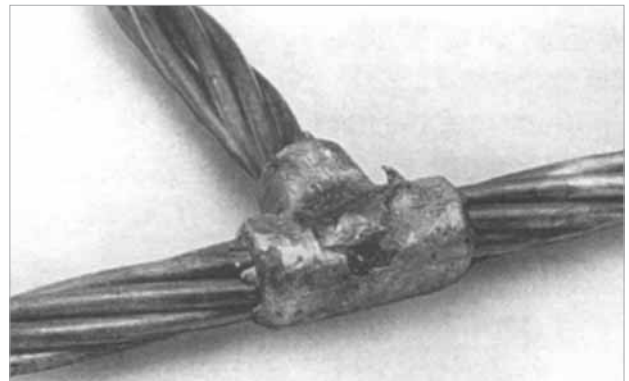


ACEPTABLE

El llenado es más bajo que el normal, pero aún es suficiente.

ACCEPTABLE

The welding material did not fill the welding cavity. It is low but still enough to guarantee acceptable conductivity.

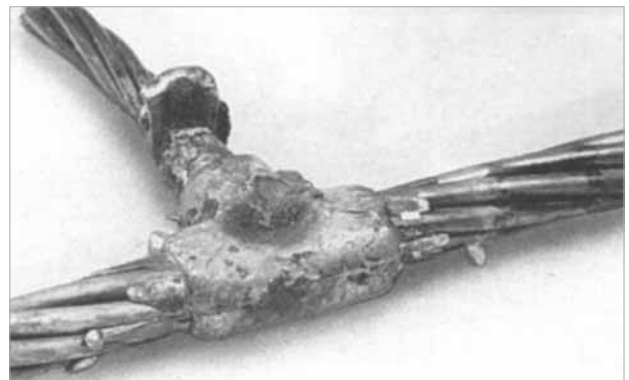


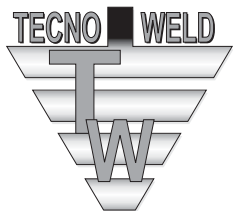
ACEPTABLE

Molde incorrecto o desgastado.
Permite fugas alrededor del conductor.
El llenado es suficiente.
Recomendación: Debe revisar el molde.

ACCEPTABLE

Mold is falling or is overused
Leaks are present around the conductors and therefore.
Welding material is not enough to fill the cavity.
Solution: Mold should be revised or disposed.



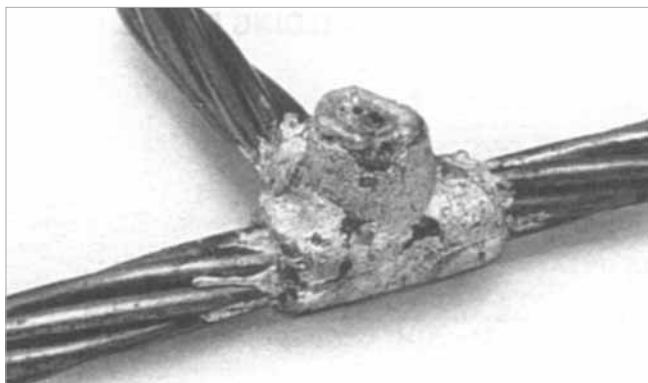


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Instrucciones para Inspección de Soldaduras • Inspection of Welding Points



ACCEPTABLE

El llenadero queda poroso.

El molde o hilos del cable captaron agua o humedad.

La soldadura es sólida la porosidad no es suficiente para rechazar la conexión.

Recomendación: Secar cables y moldes con disolventes seguros y calentar con antorcha (butano, propano, gasolina, acetileno).

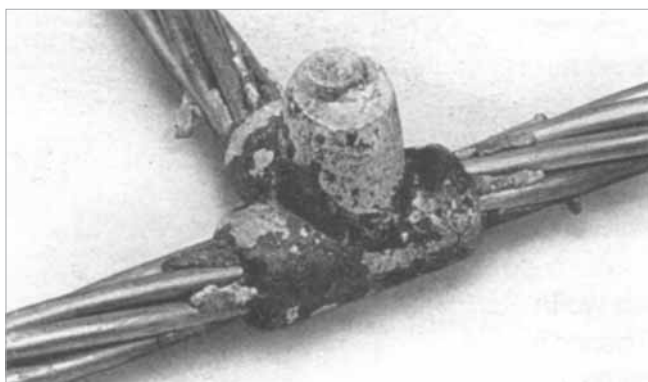
ACCEPTABLE

The crucible is porous.

The mold or the conductor strands were wet (water or simile moisture).

The weld is solid; porosity is not enough to allow rejection of the connection.

Solution: Clean and dry the cables, conductors and mold with a safety solvent and heat it with torch.



RECHAZADA

Grandes cantidades de escoria sobre la soldadura causada por: Disco mal colocado ó ausencia del disco.

Recomendación: Verificar asiento del molde para el disco y que el disco sea el apropiado para la soldadura.

REJECT

Extreme amounts of slag on surfaces are caused by weld material leaking past disk or complete lack of disk.

Solution: Inspect the conditions of mold disk seat and check disk size and positioning.

RECHAZADA

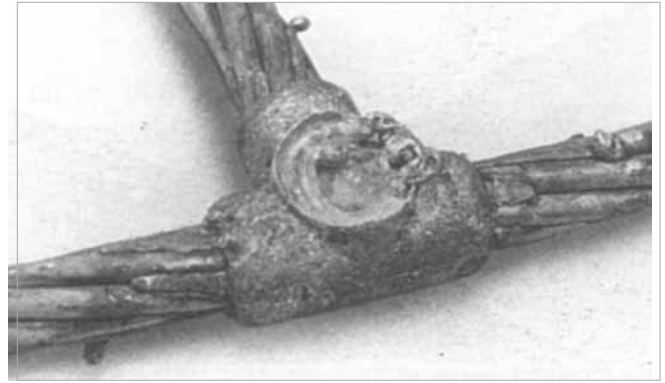
Ligeras trazas de carbón en los hilos de los cables y en la soldadura por presencia de aceite, grasa o mugre antes de soldar.

Recomendación: Limpiar bien con disolventes seguros, calentar.

REJECT

Light carbon traces of the connections are present due to presence of oil, grease or dirt.

Solution: Clean all the involved elements with a safety solvent and heat them with a torch



RECHAZADA

Soldadura deforme.

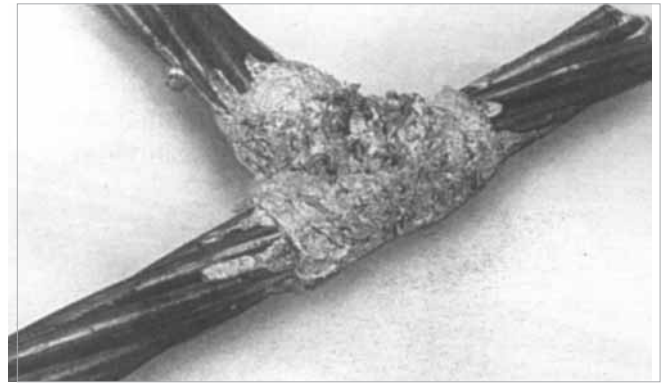
Excesiva cantidad de agua entre los hilos del cable o en el molde.

Recomendación: Los cables y el molde deben limpiarse y secarse con calor (antorcha).

REJECT

Excessive water in cable strands.

Solution: Cable and mold must be dried by heating.



RECHAZADA

Gruesas capas de carbón en los cable y soldadura.

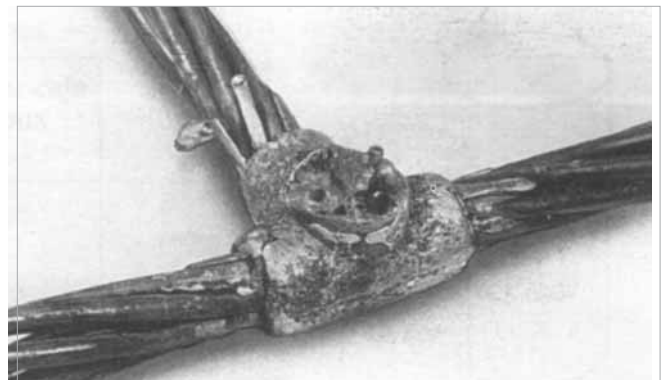
Presencia de aceite, grasas o mugre en gran cantidad en los cables.

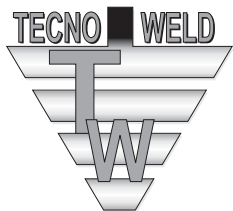
Recomendación: Limpiar bien con disolventes seguro, calentar.

REJECT

Heavy carbon coating on cable and connection shows grease or oil was presents on cables.

Solution: Cables must be cleaned with safety solvents.



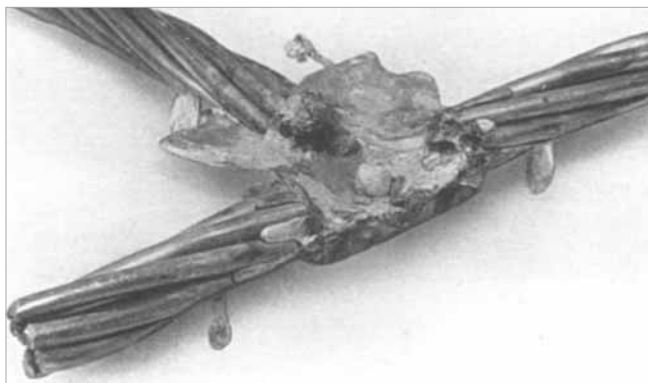


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Instrucciones para Inspección de Soldaduras • Inspection of Welding Points



RECHAZADA

Llenado bajo o pobre, la cavidad no fue llenada sobre los hilos de los cables, aletas de fuga presentes.

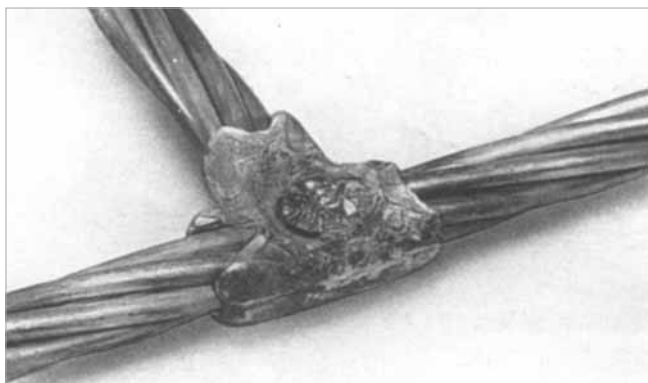
Molde con cerrado incorrecto, probablemente debido a la presencia de algún cuerpo extraño aprisionado.

Recomendación: Verifique el ajuste de la grapa de cierre.

REJECT

Fill is too low. Weld cavity was not filled over cable strands "Fins" indicate mold was not closed tightly.

Solution: Check for foreign material in mold parting line.



RECHAZADA

Llenado bajo o pobre. La cavidad no fue llenada sobre los hilos de los cables.

La ausencia de fugas indica que el material soldante (tamaño del cartucho de soldadura utilizado) fue insuficiente.

REJECT

Fill is too low.

Welding cavity was not filled enough.

The absence of leak paths indicates that welding powder cartridge used was very small.



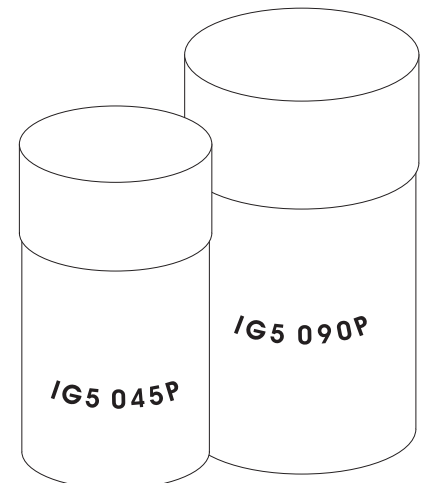
SOLDADURA

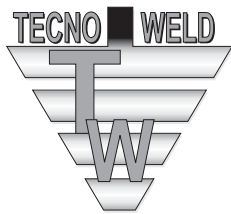
- USO:** Compuesto de óxido de cobre y aluminio el cual en una reacción exotérmica permite la fundición y empalme de elementos de cobre y acero.
- EMPAQUE:** Cartucho plástico de 15 hasta 250 gms. En cajas de plástico de 10 y 20 unidades cada una.
- ADVERTENCIA:** Las cajas de soldadura deberán almacenarse en lugar seco. Para Evitar su deterioro, Los cartuchos no utilizados de una caja abierta deberán empacarse, preferiblemente, y en bolsa plástica seca bien sellada y en sitio seco.

WELDING POWDER

- USE:** This is a composite powder of copper oxide and aluminum that allows welding copper and steel in an exothermically reaction us With graphite molds.
- PACKING:** Plastic cartridges of 15 to 250 gms. each. Arranged in boxes of 10 Or 20 units.
- WARNING:** Thermoweld pack should be stored in a dry place to avoid damage of welding powder. Cartridges from an open box must be place in a dry plastic very tightly closed.

CARGA CARTRIDGE GMS	REFERENCIA REFERENCE	CANTIDAD POR CAJA QTY PER BOX
15	IG5 015 P	20
32	IG5 032 P	20
45	IG5 045 P	20
65	IG5 065 P	20
90	IG5 090 P	10
115	IG5 115 P	10
150	IG5 150 P	10
200	IG5 200 P	10
250	IG5 250 P	10
500	IG5 500 P	10



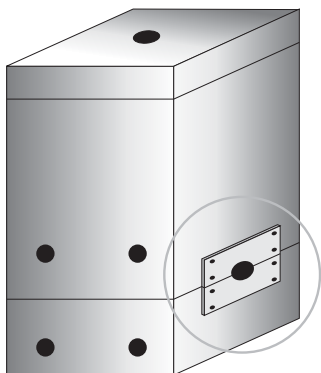


MALLAS A TIERRA • GROUNDING SYSTEMS

SOLDADURA ALUMINOTERMICA • THERMAL WELDED CONNECTIONS

Herramientas • Tools

TIPO SG1

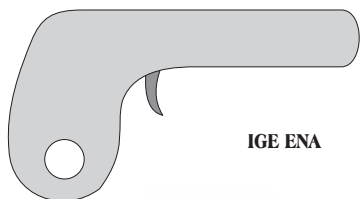


PLACAS DE REFUERZO

El promedio de vida de los moldes TECNOWELD es de 50 soldaduras dependiendo del cuidado y tratamiento que reciben durante su normal uso. El máximo desgaste en los moldes se presenta en las entradas para los cables debido a la presión de cierre sobre cables con redondez imperfecta (ovalados), ocasionando desportillamiento en las entradas del molde. Para aumentar el promedio de vida de los moldes, TECNOWELD ofrece la opción de instalar Placas de Refuerzo en las entradas fabricadas en lámina de acero, disponible para cables calibre 10 AWG hasta 500 y electrodos (varillas copperweld) de ½" a 1".

WAREPLATES

Averages life of a TECNOWELD mold is 50 uses, according to the clearing and handling care it is given. The point that is most commonly damaged is the entry point of the cables to the molds because they suffer the stress of cables that are not totally cylindrical. To improve the life of molds, TECNOWELD offers the possibility of wareplates installation (add-W to the selected reference to order a mold with wareplates), for all molds used with any cable from 10 AWG to 500 MCM and grounding rods from ½" to 1".



IGE ENA

ANTORCHA MANUAL DE PROPANO

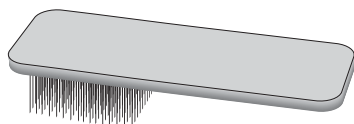
Antorcha manual de Propano usada para precalentar el molde y remover la humedad.

HAND HELD PROPANE TORCH

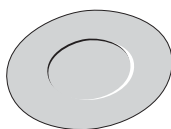
Hand held torches are used to preheat the molds to remove any moisture.



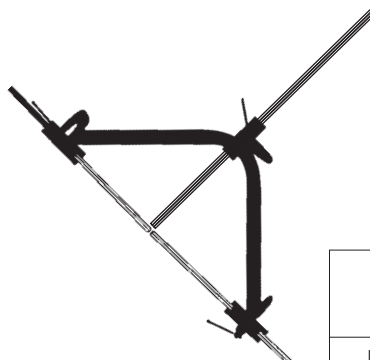
LG6 38439100



LGX 4749



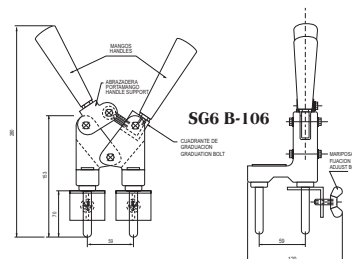
DISCO RETENEDOR
RETENTION DISK



SG6BLC 50127



SG 6002



DESCRIPCIÓN DESCRIPTION	REFERENCIA REFERENCE
Pinza universal para moldes Mold handle	SG6 B - 106
Pinza para cables Clamps for cables	SG6BLC 50127
Chispero tipo pistola Flint gun	IGE ENA
Grata para limpieza de moldes Soft brush	LGX 4749
Protector de Varilla	SG 6002

Ver Instrucciones de Instalación
See Installation Instructions



USO: Empalme de dos conductores en cualquier forma, y de calibres iguales o diferentes.

MATERIAL: Cuerpo y tapa en grafito. Bisagra en acero.

ACABADO: Natural.

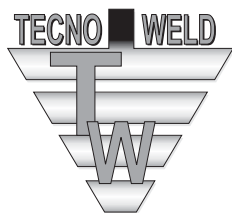
**TAMAÑOS
ESTANDAR:** Cables desde calibre 8 AWG 1000 MCM.

USE: Any type of connection of two cables. Either the same or different gauges, terminal cables or a tap to a running conductor.

MATERIAL: Graphite body and cover, steel hinge.

FINISH: Natural.

**STANDARD
SIZES:** Conductors from 8 AWG to 1000 MCM.



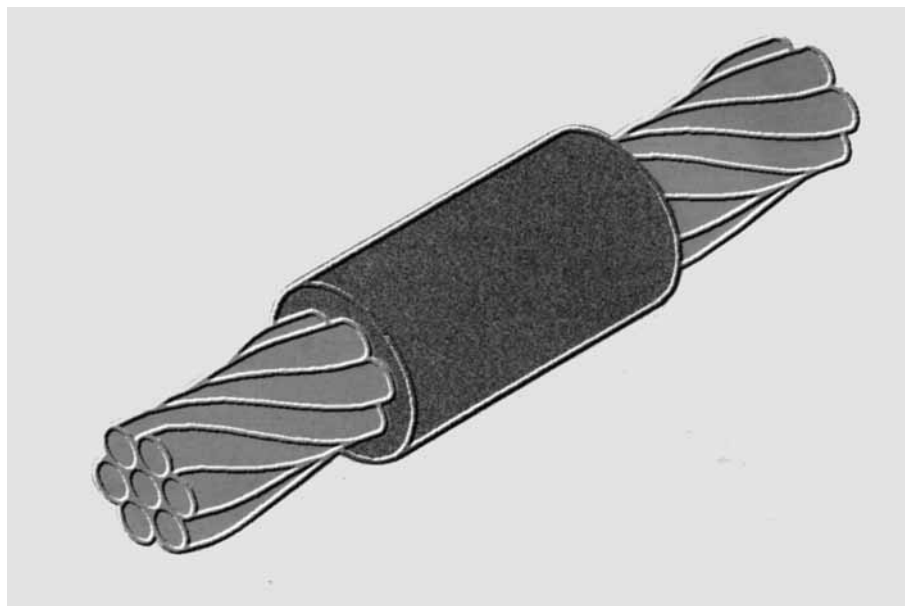
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

Empalme Horizontal de Cables Terminales • End to End Horizontal Connection

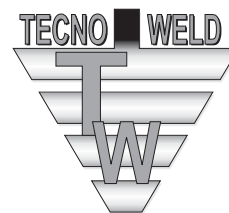
CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN 200	25	A
4	SG1TN 201	25	
3	SG1TN 202	32	
2	SG1TN 203	32	
1	SG1TN 204	32	
1/0	SG1TN 205	45	
2/0	SG1TN 206	65	
3/0	SG1TN 207	90	
4/0	SG1TN 208	90	
250 MCM	SG1TN 209	115	
300	SG1TN 210	115	B
350	SG1TN 211	150	
500	SG1TN 213	200	C
750	SG1TN 214	2-150	
1000	SG1TN 215	2-200	D



MALLAS A TIERRA • GROUNDING SYSTEMS

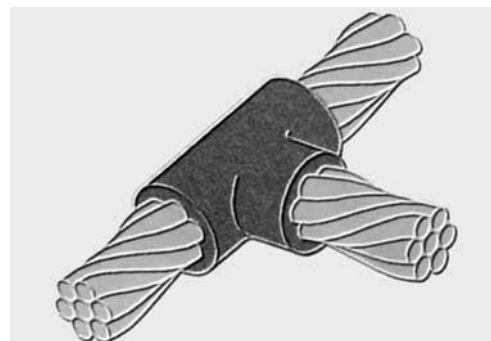
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

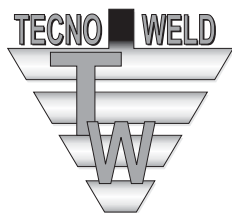
“T” Horizontal • Horizontal “T” Connection



**TIPO
SG1**

PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	4	SG1TN 221	32	A
3	3	SG1TN 222	32	
2	2	SG1TN 223	45	
	4	SG1TN 224	45	
1	1	SG1TN 225	45	
	2	SG1TN 226	45	
	4	SG1TN 227	45	
1/0	1/0	SG1TN 228	90	
	1	SG1TN 229	45	
	2	SG1TN 230	45	
	4	SG1TN 231	45	
2/0	2/0	SG1TN 232	90	
	1/0	SG1TN 233	90	
	1	SG1TN 234	45	
	2	SG1TN 235	45	
	4	SG1TN 5475	45	
3/0	3/0	SG1TN 236	115	
	2/0	SG1TN 237	90	
	1/0	SG1TN 238	90	
	1	SG1TN 239	45	
	2	SG1TN 240	45	
	4	SG1TN 5574	45	
4/0	4/0	SG1TN 241	150	B
	3/0	SG1TN 242	115	A
	2/0	SG1TN 243	90	
	1/0	SG1TN 244	90	
	1	SG1TN 245	90	
	2	SG1TN 246	90	
	4	SG1TN 5021	90	
250 MCM	250 MCM	SG1TN 247	150	B
	4/0	SG1TN 248	150	A
	3/0	SG1TN 249	150	
	2/0	SG1TN 250	90	
	1/0	SG1TN 251	90	
	1	SG1TN 252	90	
	2	SG1TN 253	90	
300	300 MCM	SG1TN 254	200	B
	250	SG1TN 255	150	
	4/0	SG1TN 256	150	
	3/0	SG1TN 257	150	
	2/0	SG1TN 258	90	A
	1/0	SG1TN 259	90	
	1	SG1TN 260	90	
	2	SG1TN 261	90	





**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

“T” Horizontal • Horizontal “T” Connection



PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
350	350 MCM	SG1TN 262	200	B
	300	SG1TN 263	200	
	250	SG1TN 264	200	
	4/0	SG1TN 265	150	
	3/0	SG1TN 266	150	
	2/0	SG1TN 267	90	A
	1/0	SG1TN 268	90	
	1	SG1TN 269	90	
	2	SG1TN 270	90	
500	500 MCM	SG1TN 280	2-150	B
	350	SG1TN 282	200	
	300	SG1TN 283	200	
	250	SG1TN 284	200	
	4/0	SG1TN 285	150	
	2/0	SG1TN 286	90	A
	1/0	SG1TN 287	90	
	1	SG1TN 288	90	
	2	SG1TN 289	90	
750	750 MCM	SG1TN 290	500	D
	500	SG1TN 291	2-200	C
	350	SG1TN 293	250	
	300	SG1TN 294	200	B
	250	SG1TN 295	200	
	4/0	SG1TN 296	150	
	2/0	SG1TN 297	150	
	1/0	SG1TN 298	150	
1000	1000 MCM	SG1TN 299	500	D
	750	SG1TN 300	500	
	500	SG1TN 301	2-200	C
	350	SG1TN 303	250	
	300	SG1TN 304	200	B
	250	SG1TN 305	200	
	4/0	SG1TN 306	150	
	2/0	SG1TN 307	150	
	1/0	SG1TN 308	150	

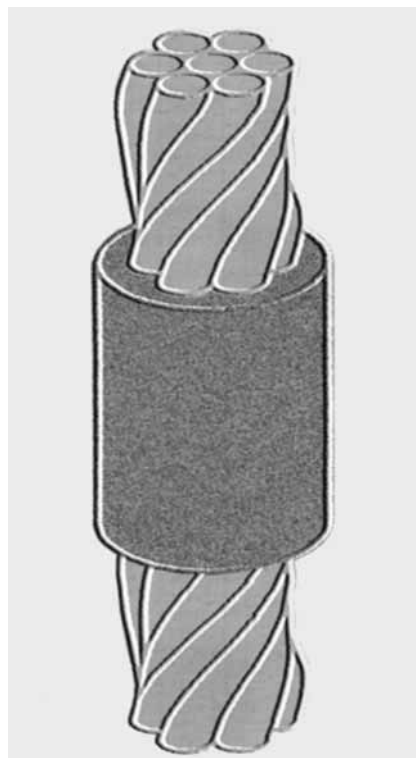
MALLAS A TIERRA • GROUNDING SYSTEMS

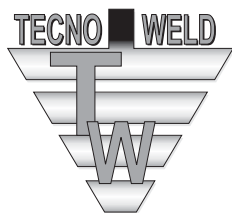
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

Empalme Vertical de Cables Terminales • End to End Vertical Connection



CABLE RUN	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	SG1TN 1251	25	B
3	SG1TN 1252	32	
2	SG1TN 1253	32	
1	SG1TN 1254	32	
1/0	SG1TN 1255	45	
2/0	SG1TN 1256	65	
3/0	SG1TN 1257	90	
4/0	SG1TN 1258	90	
250 MCM	SG1TN 1259	115	
300	SG1TN 1260	115	C
350	SG1TN 1261	150	
500	SG1TN 1263	200	
750	SG1TN 1264	2-150	D
1000	SG1TN 1265	2-200	





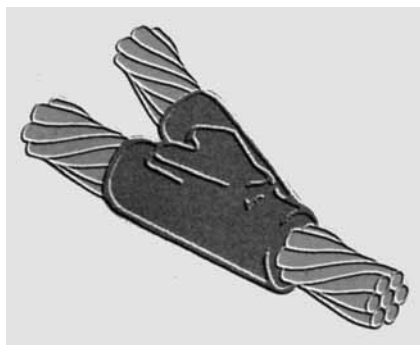
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

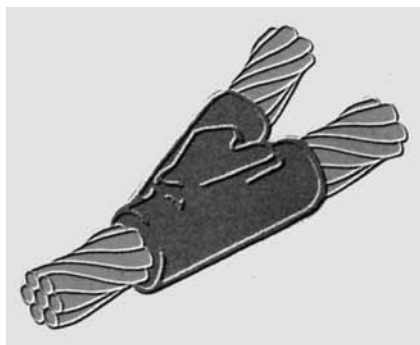
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

Derivación Izquierda y Derecha a 30° • Left and Right 30° Connection

DERIVACION IZQUIERDA LEFT 30° CONNECTION



DERIVACION DERECHA RIGHT 30° CONNECTION

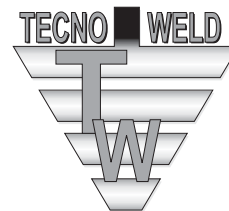


CABLE		REFERENCIA • REFERENCE		CARGA CARTRIDGE	TIPO
PRINCIPAL RUN	DERIVACIÓN TAP	IZQUIERDA LEFT	DERECHA RIGHT		
4	4	SG1TN 1401	SG1TN 1491	45	A
	3	SG1TN 1402	SG1TN 1492	45	
2	2	SG1TN 1403	SG1TN 1493	65	
	4	SG1TN 1404	SG1TN 1494	65	
1	1	SG1TN 1405	SG1TN 1495	65	
	2	SG1TN 1406	SG1TN 1496	65	
	4	SG1TN 1407	SG1TN 1497	65	
1/0	1/0	SG1TN 1408	SG1TN 1498	90	
	1	SG1TN 1409	SG1TN 1499	90	
	2	SG1TN 1410	SG1TN 1500	90	
	4	SG1TN 1411	SG1TN 1501	90	
2/0	2/0	SG1TN 1412	SG1TN 1502	115	
	1/0	SG1TN 1413	SG1TN 1503	115	
	1	SG1TN 1414	SG1TN 1504	115	
	2	SG1TN 1415	SG1TN 1505	115	
3/0	3/0	SG1TN 1416	SG1TN 1506	115	
	2/0	SG1TN 1417	SG1TN 1507	115	
	1/0	SG1TN 1418	SG1TN 1508	115	
	1	SG1TN 1419	SG1TN 1509	115	
	2	SG1TN 1420	SG1TN 1510	115	
4/0	4/0	SG1TN 1421	SG1TN 1511	150	B
	3/0	SG1TN 1422	SG1TN 1512	150	
	2/0	SG1TN 1423	SG1TN 1513	150	
	1/0	SG1TN 1424	SG1TN 1514	150	
	1	SG1TN 1425	SG1TN 1515	115	A
	2	SG1TN 1426	SG1TN 1516	115	
250 MCM	250 MCM	SG1TN 1427	SG1TN 1517	150	B
	4/0	SG1TN 1428	SG1TN 1518	150	
	3/0	SG1TN 1429	SG1TN 1519	150	
	2/0	SG1TN 1430	SG1TN 1520	150	
	1/0	SG1TN 1431	SG1TN 1521	150	
	1	SG1TN 1432	SG1TN 1522	115	A
	2	SG1TN 1433	SG1TN 1523	115	
300	300 MCM	SG1TN 1434	SG1TN 1524	200	B
	250	SG1TN 1435	SG1TN 1525	200	
	4/0	SG1TN 1436	SG1TN 1526	200	
	3/0	SG1TN 1437	SG1TN 1527	200	
	2/0	SG1TN 1438	SG1TN 1528	200	
	1/0	SG1TN 1439	SG1TN 1529	200	
	1	SG1TN 1440	SG1TN 1530	150	
	2	SG1TN 1441	SG1TN 1531	150	

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

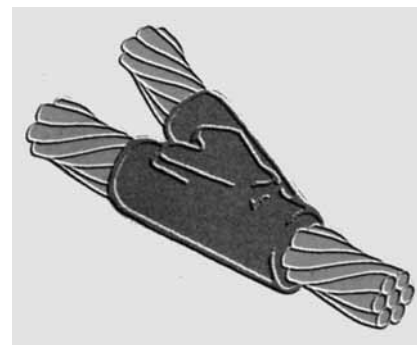
Derivación Izquierda y Derecha a 30° • Left and Right 30° Connection



**TIPO
SG1**

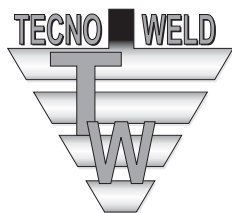
CABLE		REFERENCIA • REFERENCE		CARGA CARTRIDGE	TIPO
PRINCIPAL RUN	DERIVACIÓN TAP	IZQUIERDA LEFT	DERECHA RIGHT		
350	350 MCM	SG1TN 1442	SG1TN 1532	200	B
	300	SG1TN 1443	SG1TN 1533	200	
	250	SG1TN 1444	SG1TN 1534	200	
	4/0	SG1TN 1445	SG1TN 1535	200	
	3/0	SG1TN 1446	SG1TN 1536	200	
	2/0	SG1TN 1447	SG1TN 1537	200	
	1/0	SG1TN 1448	SG1TN 1538	200	
	1	SG1TN 1449	SG1TN 1539	150	
	2	SG1TN 1450	SG1TN 1540	150	
500	500 MCM	SG1TN 1461	SG1TN 1551	2-150	B
	350	SG1TN 1463	SG1TN 1553	2-150	
	300	SG1TN 1464	SG1TN 1554	250	
	250	SG1TN 1465	SG1TN 1555	250	
	4/0	SG1TN 1466	SG1TN 1556	250	
	3/0	SG1TN 1467	SG1TN 1557	250	
	2/0	SG1TN 1468	SG1TN 1558	250	
	1/0	SG1TN 1469	SG1TN 1559	250	
	1	SG1TN 1470	SG1TN 1560	200	
	2	SG1TN 1471	SG1TN 1561	200	
750	750 MCM	SG1TN 1472	SG1TN 1562	3-200	C
	500	SG1TN 1473	SG1TN 1563	500	
	350	SG1TN 1475	SG1TN 1565	500	
	300	SG1TN 1476	SG1TN 1566	2-200	
	250	SG1TN 1477	SG1TN 1567	2-150	
	4/0	SG1TN 1478	SG1TN 1568	250	B
	2/0	SG1TN 1479	SG1TN 1569	250	
	1/0	SG1TN 1480	SG1TN 1570	250	
1000	1000 MCM	SG1TN 1481	SG1TN 1571	3-250	D
	750	SG1TN 1482	SG1TN 1572	3-200	
	500	SG1TN 1483	SG1TN 1573	500	
	350	SG1TN 1485	SG1TN 1575	500	
	300	SG1TN 1486	SG1TN 1576	2-200	
	250	SG1TN 1487	SG1TN 1577	2-200	C
	4/0	SG1TN 1488	SG1TN 1578	250	
	2/0	SG1TN 1489	SG1TN 1579	250	
	1/0	SG1TN 1490	SG1TN 1580	250	

**DERIVACION IZQUIERDA
LEFT 30° CONNECTION**



**DERIVACION DERECHA
RIGHT 30° CONNECTION**





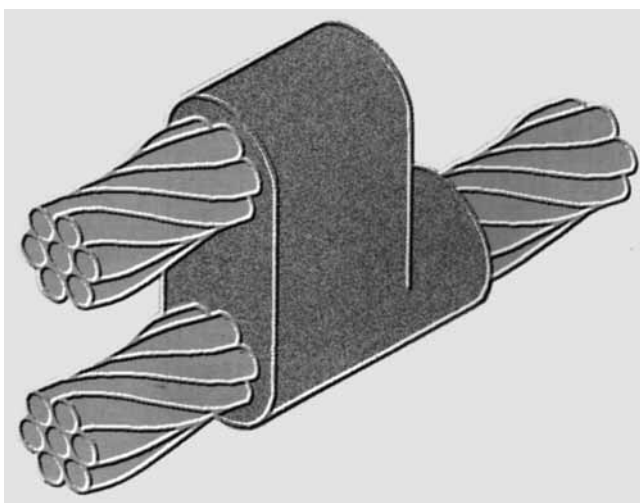
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

Empalme Horizontal Semiparalelo • Semiparallel Horizontal Connection

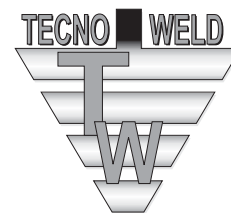
PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	6	SG1TN 1271	25	A
4	4	SG1TN 1272	32	
	6	SG1TN 1273	32	
2	2	SG1TN 1276	65	
	4	SG1TN 1277	45	
	6	SG1TN 1278	32	
1	1	SG1TN 1281	65	
	2	SG1TN 1282	65	
	4	SG1TN 1283	45	
	6	SG1TN 1284	45	
1/0	1/0	SG1TN 1287	90	
	1	SG1TN 1288	90	
	2	SG1TN 1289	65	
	4	SG1TN 1290	65	
	6	SG1TN 1291	45	
2/0	2/0	SG1TN 1294	115	
	1/0	SG1TN 1295	115	
	1	SG1TN 1296	90	
	2	SG1TN 1297	90	
	4	SG1TN 1298	65	
	6	SG1TN 1299	65	
4/0	4/0	SG1TN 1302	150	B
	2/0	SG1TN 1303	115	A
	1/0	SG1TN 1304	115	
	1	SG1TN 1305	115	
	2	SG1TN 1306	115	
	4	SG1TN 1307	90	
	6	SG1TN 1308	90	



MALLAS A TIERRA • GROUNDING SYSTEMS

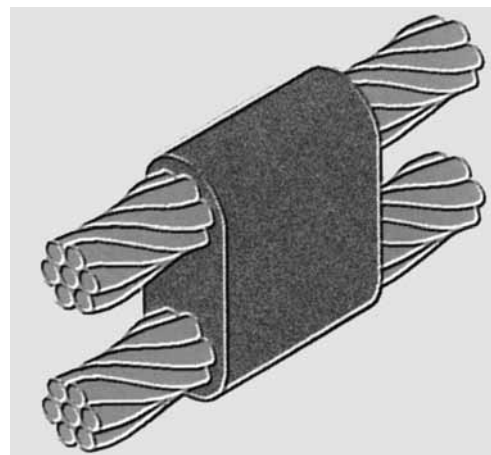
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

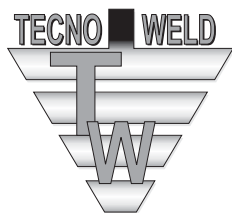
Empalme Horizontal Paralelo • Parallel Horizontal Connection



**TIPO
SG1**

PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	4	SG1TN 1311	32	A
3	3	SG1TN 1312	45	
2	2	SG1TN 1313	65	
	4	SG1TN 1314	65	
1	1	SG1TN 1315	65	
	2	SG1TN 1316	65	
	4	SG1TN 1317	65	
1/0	1/0	SG1TN 1318	90	
	1	SG1TN 1319	65	
	2	SG1TN 1320	65	
	4	SG1TN 1321	65	
2/0	2/0	SG1TN 1322	115	
	1/0	SG1TN 1323	115	
	1	SG1TN 1324	90	
	2	SG1TN 1325	90	
3/0	3/0	SG1TN 1326	150	B
	2/0	SG1TN 1327	150	
	1/0	SG1TN 1328	115	A
	1	SG1TN 1329	115	
	2	SG1TN 1330	115	
4/0	4/0	SG1TN 1331	200	B
	3/0	SG1TN 1332	200	
	2/0	SG1TN 1333	150	
	1/0	SG1TN 1334	150	
	1	SG1TN 1335	150	
	2	SG1TN 1336	150	
250 MCM	250 MCM	SG1TN 1337	250	
	4/0	SG1TN 1338	200	
	3/0	SG1TN 1339	200	
	2/0	SG1TN 1340	150	
	1/0	SG1TN 1341	150	
	1	SG1TN 1342	150	
	2	SG1TN 1343	150	
300	300 MCM	SG1TN 1344	2-150	
	250	SG1TN 1345	250	
	4/0	SG1TN 1346	200	
	3/0	SG1TN 1347	200	
	2/0	SG1TN 1348	150	
	1/0	SG1TN 1349	150	
	1	SG1TN 1350	150	
	2	SG1TN 1351	150	



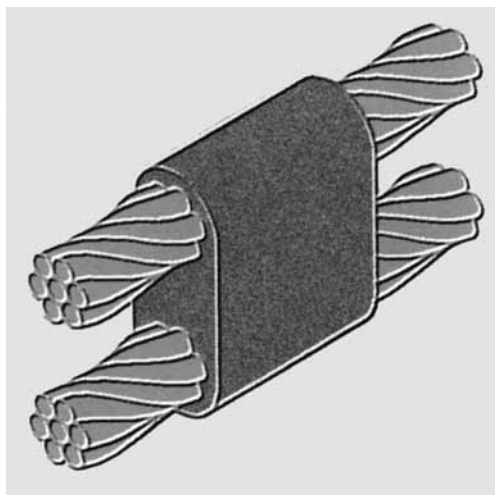


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

Empalme Horizontal Paralelo • Parallel Horizontal Connection

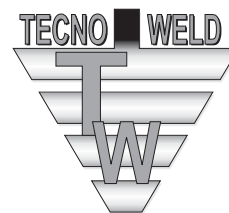


PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
350	350 MCM	SG1TN 1352	2-150	B
	300	SG1TN 1353	2-150	
	250	SG1TN 1354	250	
	4/0	SG1TN 1355	200	
	3/0	SG1TN 1356	200	
	2/0	SG1TN 1357	150	
	1/0	SG1TN 1358	150	
	1	SG1TN 1359	150	
	2	SG1TN 1360	150	
500	500 MCM	SG1TN 1371	2-200	C
	350	SG1TN 1373	2-150	
	300	SG1TN 1374	2-150	
	250	SG1TN 1375	250	B
	4/0	SG1TN 1376	200	
	3/0	SG1TN 1377	200	
	2/0	SG1TN 1378	150	
	1/0	SG1TN 1379	150	
	1	SG1TN 1380	150	
	2	SG1TN 1381	150	
750	750 MCM	SG1TN 1382	3-250	D
	500	SG1TN 1383	500	C
	350	SG1TN 1385	2-200	
	300	SG1TN 1386	2-150	
	250	SG1TN 1387	2-150	B
	4/0	SG1TN 1388	250	
	2/0	SG1TN 1389	250	
	1/0	SG1TN 1390	250	
1000	1000 MCM	SG1TN 1391	2-500	D
	750	SG1TN 1392	3-250	
	500	SG1TN 1393	500	C
	350	SG1TN 1395	2-150	
	300	SG1TN 1396	2-150	B
	250	SG1TN 1397	250	
	4/0	SG1TN 1398	250	
	2/0	SG1TN 1399	250	
	1/0	SG1TN 1400	250	

MALLAS A TIERRA • GROUNDING SYSTEMS

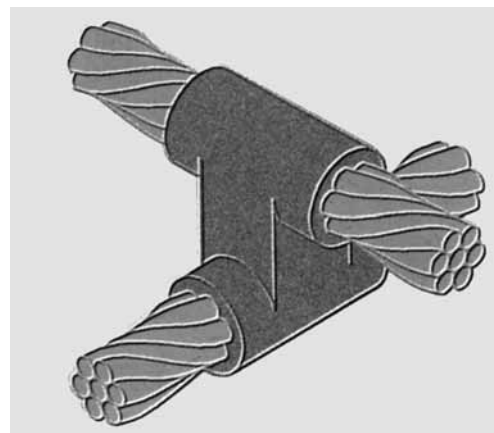
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

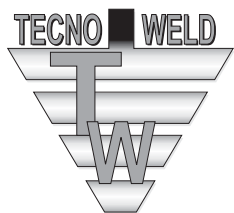
Empalme Horizontal Perpendicular • Perpendicular Horizontal Connection



**TIPO
SG1**

PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	4	SG1TN 2687	65	A
3	3	SG1TN 2688	65	
2	2	SG1TN 2689	90	
	4	SG1TN 2690	65	
1	1	SG1TN 2691	115	
	2	SG1TN 2692	90	
	4	SG1TN 2693	90	
1/0	1/0	SG1TN 2694	150	
	1	SG1TN 2695	150	
	2	SG1TN 2696	115	
	4	SG1TN 2697	115	
2/0	2/0	SG1TN 2698	200	I
	1/0	SG1TN 2699	200	
	1	SG1TN 2700	150	
	2	SG1TN 2701	150	
3/0	3/0	SG1TN 2702	250	I
	2/0	SG1TN 2703	200	
	1/0	SG1TN 2704	200	
	1	SG1TN 2705	150	
	2	SG1TN 2706	150	
4/0	4/0	SG1TN 2707	250	I
	3/0	SG1TN 2708	250	
	2/0	SG1TN 2709	200	
	1/0	SG1TN 2710	200	
	1	SG1TN 2711	150	
	2	SG1TN 2712	150	
250 MCM	250 MCM	SG1TN 2713	2-150	I
	4/0	SG1TN 2714	2-150	
	3/0	SG1TN 2715	2-150	
	2/0	SG1TN 2716	250	
	1/0	SG1TN 2717	250	
	1	SG1TN 2718	200	
	2	SG1TN 2719	150	





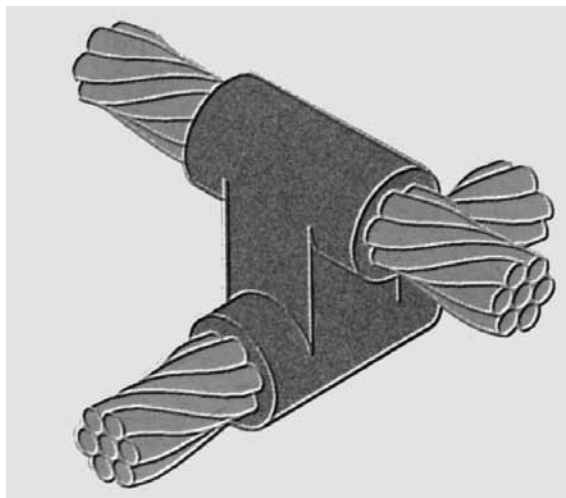
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

“X” Pasante Horizontal • Horizontal “X” Thru Connection

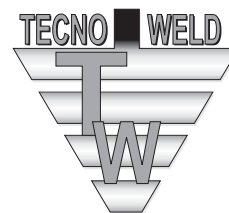
PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
300	300 MCM	SG1TN 2720	2-200	I
	250	SG1TN 2721	2-200	
	4/0	SG1TN 2722	2-150	
	3/0	SG1TN 2723	2-150	
	2/0	SG1TN 2724	250	
	1/0	SG1TN 2725	250	
	1	SG1TN 2726	200	
	2	SG1TN 2727	150	
350	350 MCM	SG1TN 2728	500	I
	300	SG1TN 2729	500	
	250	SG1TN 2730	500	
	4/0	SG1TN 2731	2-200	
	3/0	SG1TN 2732	2-200	
	2/0	SG1TN 2733	2-150	
	1/0	SG1TN 2734	250	
	1	SG1TN 2735	200	
500	500 MCM	SG1TN 2747	3-250	I
	350	SG1TN 2749	3-200	
	300	SG1TN 2750	3-200	
	250	SG1TN 2751	500	
	4/0	SG1TN 2752	500	
	3/0	SG1TN 2753	500	
	2/0	SG1TN 2754	2-200	
	1/0	SG1TN 2755	2-150	
	1	SG1TN 2756	250	
	2	SG1TN 2757	250	



MALLAS A TIERRA • GROUNDING SYSTEMS

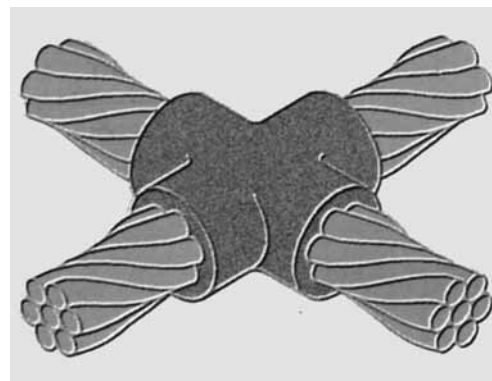
MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

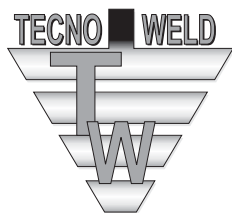
“X” Horizontal Cables Terminales • Horizontal “X” Terminals Connection



**TIPO
SG1**

PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	4	SG1TN 423	45	A
3	3	SG1TN 424	45	
2	2	SG1TN 425	65	
	4	SG1TN 426	65	
1	1	SG1TN 427	65	
	2	SG1TN 428	65	
	4	SG1TN 429	65	
1/0	1/0	SG1TN 430	90	
	1	SG1TN 431	90	
	2	SG1TN 432	90	
	4	SG1TN 433	90	
2/0	2/0	SG1TN 434	115	B
	1/0	SG1TN 435	115	
	1	SG1TN 436	115	A
	2	SG1TN 437	115	
3/0	3/0	SG1TN 438	150	B
	2/0	SG1TN 439	150	
	1/0	SG1TN 440	115	A
	1	SG1TN 441	115	
	2	SG1TN 442	115	B
4/0	4/0	SG1TN 443	200	
	3/0	SG1TN 444	200	A
	2/0	SG1TN 445	150	
	1/0	SG1TN 446	115	A
	1	SG1TN 447	115	
	2	SG1TN 448	115	B
250 MCM	250 MCM	SG1TN 449	200	
	4/0	SG1TN 450	200	B
	3/0	SG1TN 451	200	
	2/0	SG1TN 452	150	A
	1/0	SG1TN 453	150	
	1	SG1TN 454	115	A
	2	SG1TN 455	115	





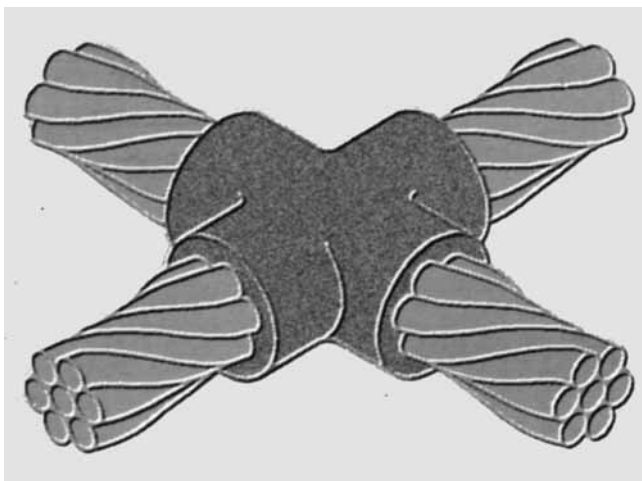
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A CABLE • CABLE TO CABLE MOLDS

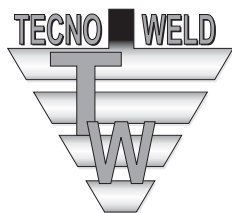
“X” Horizontal Cables Terminales • Horizontal “X” Terminals Connection

PRINCIPAL RUN	DERIVACIÓN TAP	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
300	300 MCM	SG1TN 456	250	B
	250	SG1TN 457	250	
	4/0	SG1TN 458	200	
	3/0	SG1TN 459	200	
	2/0	SG1TN 460	150	
	1/0	SG1TN 461	150	A
	1	SG1TN 462	115	
	2	SG1TN 463	115	
350	350 MCM	SG1TN 464	250	B
	300	SG1TN 465	250	
	250	SG1TN 466	250	
	4/0	SG1TN 467	200	
	3/0	SG1TN 468	200	
	2/0	SG1TN 469	200	
	1/0	SG1TN 470	250	
	1	SG1TN 471	150	
500	500 MCM	SG1TN 483	500	D
	350	SG1TN 485	2-200	C
	300	SG1TN 486	2-200	
	250	SG1TN 487	2-150	
	4/0	SG1TN 488	2-150	
	3/0	SG1TN 489	2-150	
	2/0	SG1TN 490	250	B
	1/0	SG1TN 491	250	
	1	SG1TN 492	200	
	2	SG1TN 493	200	





USO:	Para empalme de un conductor de cobre a varilla copperweld.
MATERIAL:	Cuerpo y tapa en grafito, bisagra en acero.
ACABADO:	Natural.
TAMAÑOS ESTANDAR:	Para conductores desde 2 AWG hasta 1000 MCM, varillas desde ½" hasta 1".
USE:	For connection of copper cable to ground rod.
MATERIAL:	Graphite body and cover, steel hinge.
FINISH:	Natural.
STANDARD SIZES:	Conductors from 2 AWG to 1000 MCM, rods from ½" to 1".

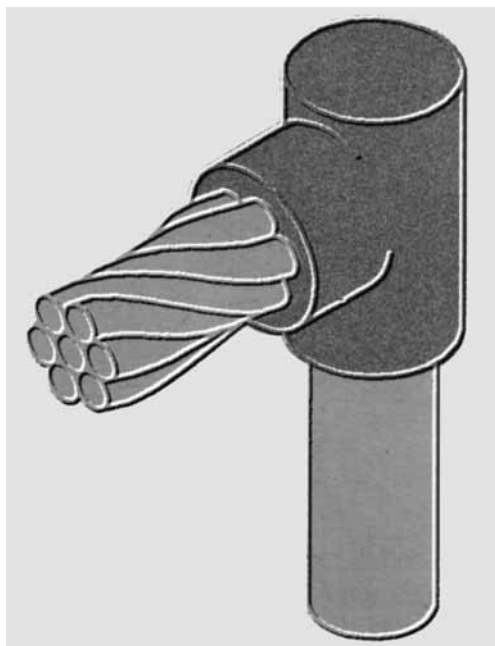


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A VARILLA • CABLE TO GROUND ROD MOLDS

Cable Terminal al Extremo de Varilla • Terminal Cable to End of Ground Rod

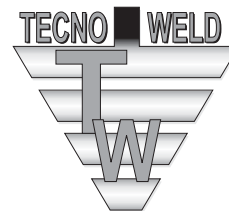


VARILLA ROD	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	2	SG1TN 495	65	A
	1	SG1TN 496	65	
	1/0	SG1TN 497	90	
	2/0	SG1TN 498	90	
	3/0	SG1TN 499	90	
	4/0	SG1TN 500	90	
	250 MCM	SG1TN 501	90	
	300	SG1TN 502	90	
5/8"	6	SG1TN 8414	32	
	4	SG1TN 8415	32	
	2	SG1TN 503	65	
	1	SG1TN 504	65	
	1/0	SG1TN 505	90	
	2/0	SG1TN 506	90	
	3/0	SG1TN 507	90	
	4/0	SG1TN 508	90	
	250 MCM	SG1TN 509	90	
	300	SG1TN 510	115	
	350	SG1TN 511	115	
	500	SG1TN 513	150	
				B
3/4"	1	SG1TN 514	90	A
	1/0	SG1TN 515	90	
	2/0	SG1TN 516	90	
	3/0	SG1TN 517	90	
	4/0	SG1TN 518	90	
	250 MCM	SG1TN 519	90	
	300	SG1TN 520	115	
	350	SG1TN 521	115	
	500	SG1TN 523	150	B
	750	SG1TN 524	250	
1"	1/0	SG1TN 525	150	B
	2/0	SG1TN 526	150	
	3/0	SG1TN 527	150	
	4/0	SG1TN 528	150	
	250 MCM	SG1TN 529	150	
	300	SG1TN 530	200	
	350	SG1TN 531	200	
	500	SG1TN 533	200	
	750	SG1TN 534	250	C
	1000	SG1TN 535	2-150	

MALLAS A TIERRA • GROUNDING SYSTEMS

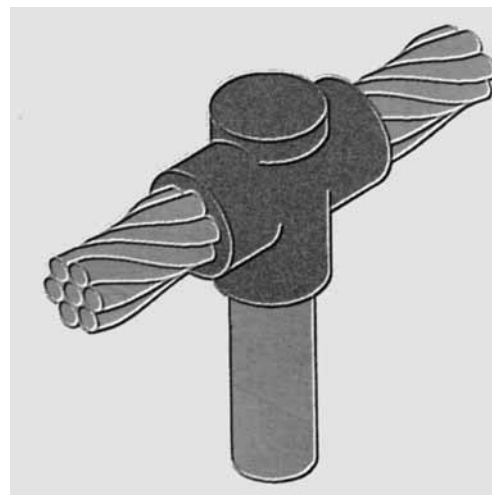
MOLDES CABLE A VARILLA • CABLE TO GROUND ROD MOLDS

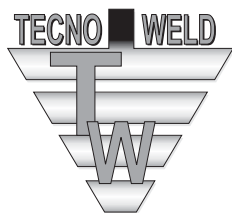
Cable Pasante al Extremo de la Varilla • Thru Cable to End of Ground Rod



**TIPO
SG1**

VARILLA ROD	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	2	SG1TN 537	90	A
	1	SG1TN 538	90	
	1/0	SG1TN 539	90	
	2/0	SG1TN 540	90	
	3/0	SG1TN 541	115	
	4/0	SG1TN 542	115	
	250 MCM	SG1TN 543	150	B
	300	SG1TN 544	200	
5/8"	6	SG1TN 8441	32	A
	4	SG1TN 8442	32	
	2	SG1TN 545	90	
	1	SG1TN 546	90	
	1/0	SG1TN 547	90	
	2/0	SG1TN 548	115	
	3/0	SG1TN 549	115	
	4/0	SG1TN 550	115	
	250 MCM	SG1TN 551	150	B
	300	SG1TN 552	200	
	350	SG1TN 553	200	
	500	SG1TN 555	250	
3/4"	2	SG1TN 556	90	A
	1	SG1TN 557	90	
	1/0	SG1TN 558	115	
	2/0	SG1TN 559	115	
	3/0	SG1TN 560	115	
	4/0	SG1TN 561	115	
	250 MCM	SG1TN 562	150	B
	300	SG1TN 563	200	
	350	SG1TN 564	200	
	500	SG1TN 566	250	D
	750	SG1TN 567	2-200	
	1000	SG1TN 568	500	
1"	1/0	SG1TN 569	150	B
	2/0	SG1TN 570	150	
	3/0	SG1TN 571	150	
	4/0	SG1TN 572	150	
	250 MCM	SG1TN 573	200	
	300	SG1TN 574	200	
	350	SG1TN 575	200	
	500	SG1TN 577	250	
	750	SG1TN 578	2-200	D
	1000	SG1TN 579	500	



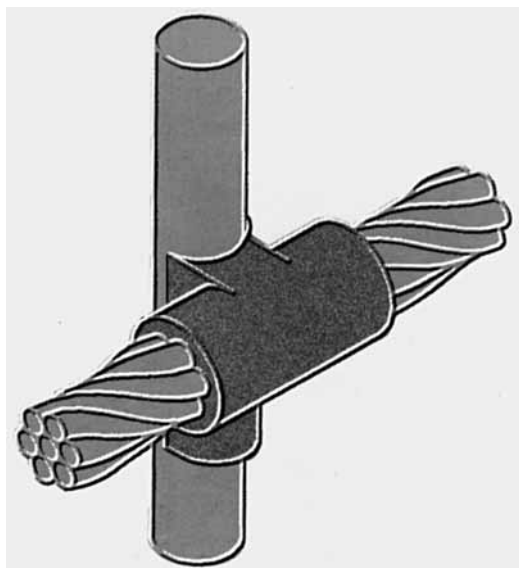


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A VARILLA • CABLE TO GROUND ROD MOLDS

Cable Pasante a Varilla Pasante • Thru Cable to Thru Ground Rod

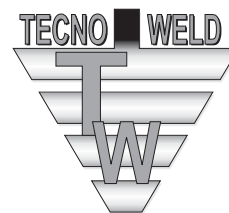


VARILLA ROD	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	4	SG1TN 2154	90	B
	2	SG1TN 2155	90	
	1	SG1TN 2156	115	
	1/0	SG1TN 1581	115	
	2/0	SG1TN 1582	115	
	4/0	SG1TN 1583	150	
	250 MCM	SG1TN 1584	150	
	300	SG1TN 1585	200	
5/8"	4	SG1TN 2157	90	B
	2	SG1TN 2158	90	
	1	SG1TN 2159	115	
	1/0	SG1TN 1586	115	
	2/0	SG1TN 1587	115	I
	4/0	SG1TN 1588	150	
	250 MCM	SG1TN 1589	150	
	300	SG1TN 1590	200	
	350	SG1TN 1591	250	
	500	SG1TN 1593	2-200	
3/4"	4	SG1TN 2160	90	B
	2	SG1TN 2161	90	
	1	SG1TN 2162	115	
	1/0	SG1TN 1594	115	
	2/0	SG1TN 1595	115	
	4/0	SG1TN 1596	150	I
	250 MCM	SG1TN 1597	200	
	300	SG1TN 1598	250	
	350	SG1TN 1599	2-150	
	500	SG1TN 1601	500	
1"	750	SG1TN 1602	3-250	B
	4	SG1TN 2163	90	
	2	SG1TN 2164	90	
	1	SG1TN 2165	115	
	1/0	SG1TN 1603	115	
	2/0	SG1TN 1604	115	
	4/0	SG1TN 1605	150	I
	250 MCM	SG1TN 1606	200	
	300	SG1TN 1607	250	
	350	SG1TN 1608	2-150	
	500	SG1TN 1610	500	
	750	SG1TN 1611	3-250	
	1000	SG1TN 1612	3-250	

MALLAS A TIERRA • GROUNDING SYSTEMS

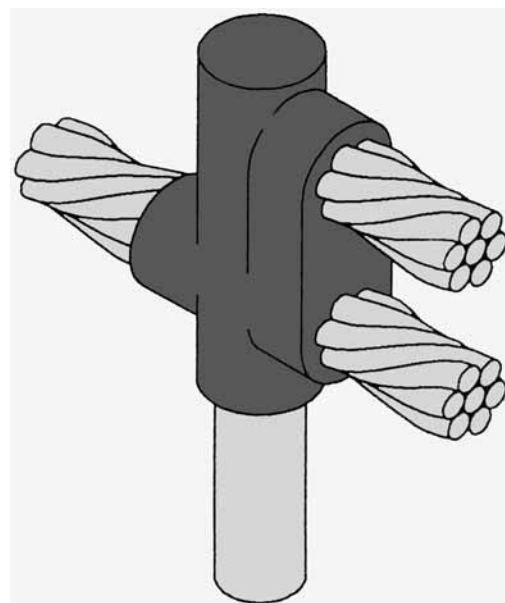
MOLDES CABLE A VARILLA • CABLE TO GROUND ROD MOLDS

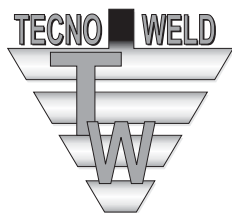
Empalme Horizontal semiparalelo a Varilla • Horizontal semi-parallel to rod union



**TIPO
SG1**

VARILLA ROD	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	4	SG1TN 5416	90	A
	2	SG1TN 6165	90	
	1	SG1TN 5830	90	
	1/0	SG1TN 5940	115	
	2/0	SG1TN 5850	150	B
	3/0	SG1TN 5833	200	
	4/0	SG1TN 5380	200	
5/8"	4	SG1TN 5972	90	A
	2	SG1TN 5935	115	
	1	SG1TN 5699	115	
	1/0	SG1TN 5746	150	
	2/0	SG1TN 5963	200	B
	3/0	SG1TN 5734	250	
	4/0	SG1TN 5732	250	
	250 MCM	SG1TN 5722	2-150	
3/4"	4	SG1TN 5698	90	A
	2	SG1TN 5294	115	
	1	SG1TN 5390	115	
	1/0	SG1TN 6025	150	
	2/0	SG1TN 5738	200	B
	3/0	SG1TN 6003	250	
	4/0	SG1TN 2566	250	
	250 MCM	SG1TN 5904	2-150	
	300	SG1TN 5857	2-200	
	350	SG1TN 5777	2-200	C
	500	SG1TN 5961	3-200	D
1"	4	SG1TN 5556	115	A
	2	SG1TN 5555	150	B
	1	SG1TN 6048	150	
	1/0	SG1TN 5992	200	
	2/0	SG1TN 5877	250	
	3/0	SG1TN 5821	2-150	C
	4/0	SG1TN 5820	2-150	
	250 MCM	SG1TN 5807	2-200	
	300	SG1TN 5803	500	D
	350	SG1TN 5561	500	
	500	SG1TN 5515	3-250	
	750	SG1TN 5513	2-500	



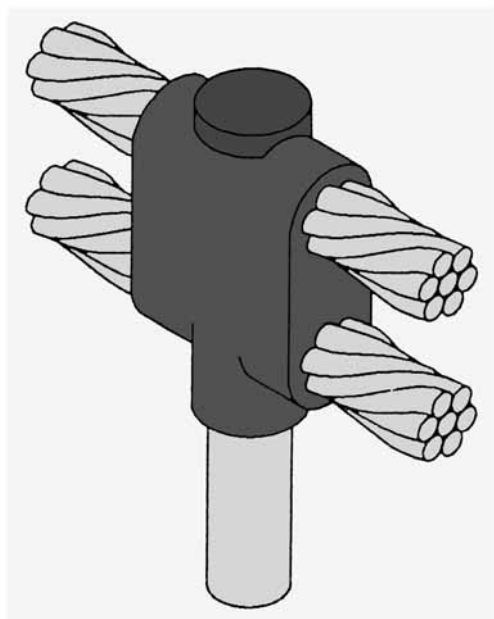


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A VARILLA • CABLE TO GROUND ROD MOLDS

Cable Paralelo a Varilla • Parallel to rod cable



VARILLA ROD	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	4	SG1TN 5640	115	A
	2	SG1TN 5667	115	
	1	SG1TN 6002	115	
	1/0	SG1TN 5767	150	B
	2/0	SG1TN 5604	200	
	3/0	SG1TN 5560	250	
	4/0	SG1TN 6766	250	
5/8"	4	SG1TN 6208	115	A
	2	SG1TN 5702	150	
	1	SG1TN 5517	150	B
	1/0	SG1TN 5573	200	
	2/0	SG1TN 8451	250	
	3/0	SG1TN 2510	2-150	
	4/0	SG1TN 5428	2-150	
	250 MCM	SG1TN 1212	2-200	
	300	SG1TN 2084	500	C
	350	SG1TN 2558	500	
	500	SG1TN 2450	3-250	D
3/4"	4	SG1TN 8011	115	A
	2	SG1TN 2320	150	B
	1	SG1TN 2235	150	
	1/0	SG1TN 6051	200	
	2/0	SG1TN 8802	250	
	3/0	SG1TN 8726	2-150	
	4/0	SG1TN 5677	2-150	C
	250 MCM	SG1TN 8461	2-200	
	300	SG1TN 8428	500	D
	350	SG1TN 8294	500	
	500	SG1TN 8214	3-250	
	750	SG1TN 8027	2-500	
1"	4	SG1TN 5330	150	B
	2	SG1TN 5332	200	
	1	SG1TN 5333	200	
	1/0	SG1TN 5334	250	
	2/0	SG1TN 5335	2-150	
	3/0	SG1TN 5336	2-200	C
	4/0	SG1TN 5337	2-200	
	250 MCM	SG1TN 5338	500	
	300	SG1TN 5341	3-200	D
	350	SG1TN 5351	3-200	
	500	SG1TN 5352	2-500	
	750	SG1TN 5353	5-250	



USO: Para empalme vertical u horizontal de dos secciones de varilla copperweld.

MATERIAL: Cuerpo y tapa en grafito, bisagra en acero.

ACABADO: Natural.

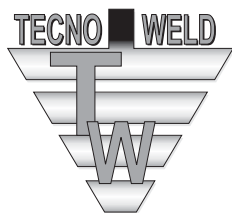
**TAMAÑOS
ESTANDAR:** Para varillas de $\frac{1}{2}$ " a 1".

USE: For vertical or horizontal union of two sections of ground rod.

MATERIAL: Graphite body and cover, steel hinge.

FINISH: Natural.

**STANDARD
SIZES:** Rods from $\frac{1}{2}$ " to 1".



**TIPO
SG1**

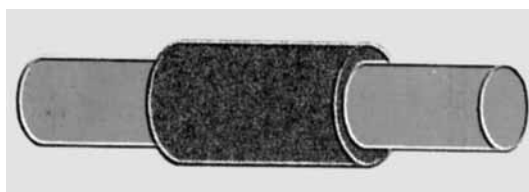
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES VARILLA A VARILLA • ROD TO ROD MOLDS

VARILLA ROD	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	SG1TN581V	250	B
5/8"	SG1TN582V	2-150	C
3/4"	SG1TN583V	2-200	
1"	SG1TN584V	3-250	D



VARILLA ROD	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/2"	SG1TN581 H	250	B
5/8"	SG1TN582 H	2-150	C
3/4"	SG1TN583 H	2-200	
1"	SG1TN584 H	3-250	D

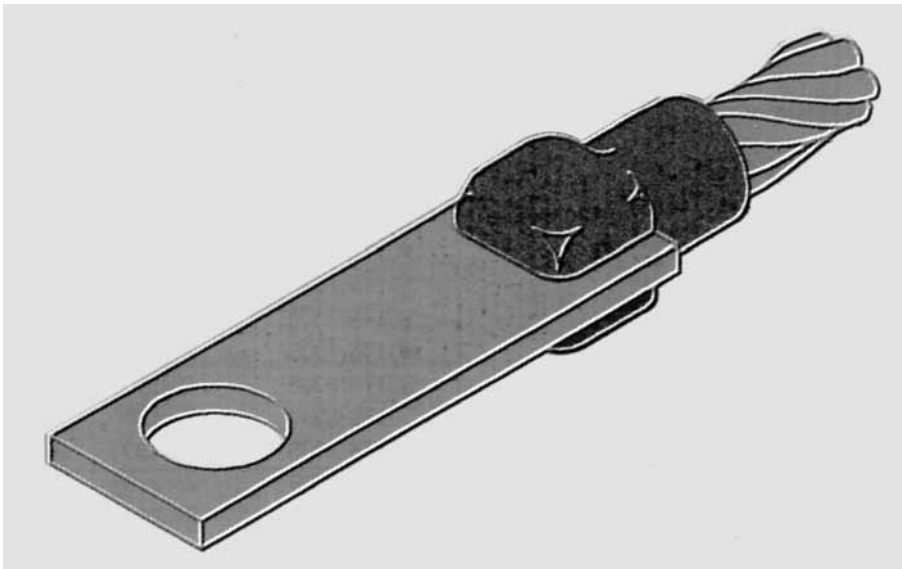


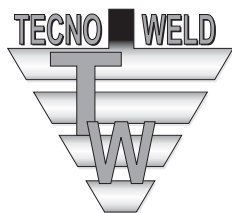
USO: Para empalme horizontal de un conductor terminal a una platina terminal.

**TAMAÑOS
ESTANDAR:** Conductores desde cable 8 AWG a 1000 MCM platinas desde 1/8" X 1" hasta 7/16" X 2".

USE: For horizontal union of terminal cable to a terminal copper plate.

**STANDARD
SIZES:** Conductors from 8 AWG to 1000 MCM terminal plates from 1/8" X 1" to 7/16" X 2".

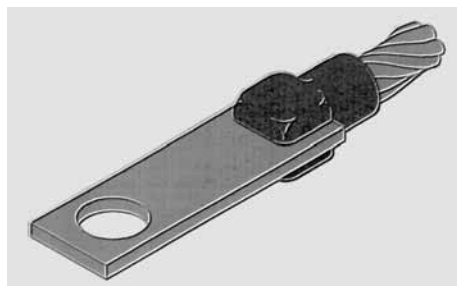




**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A PLATINA • CABLE TO PLATE MOLDS

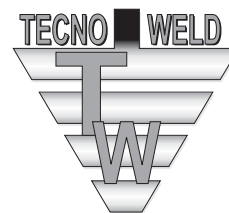


TERMINAL	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/8" X 1"	8	SG1TN 967	45	A
1/8" X 1"	6	SG1TN 969	45	
1/8" X 1"	4	SG1TN 971	45	
1/8" X 1"	3	SG1TN 973	45	
1/8" X 1"	2	SG1TN 975	45	
1/8" X 1"	1	SG1TN 977	45	
1/8" X 1"	1/0	SG1TN 978	45	
1/4" X 1"		SG1TN 979	90	
1/8" X 1"	2/0	SG1TN 980	65	
1/4" X 1"		SG1TN 981	90	
3/16" X 1"	3/0	SG1TN 982	65	B
1/4" X 1"		SG1TN 983	90	
3/16" X 1"	4/0	SG1TN 984	90	A
1/4" X 1"		SG1TN 985	90	
1/4" X 1 1/4"		SG1TN 986	115	
1/4" X 1 1/2"		SG1TN 987	150	B
1/4" X 1"	250 MCM	SG1TN 988	90	A
1/4" X 1 1/4"		SG1TN 989	115	
1/4" X 1 1/2"		SG1TN 990	150	B
1/4" X 1"	300	SG1TN 991	90	A
1/4" X 1 1/4"		SG1TN 992	115	
1/4" X 1 1/2"		SG1TN 993	150	B
1/4" X 1"	350	SG1TN 994	115	A
1/4" X 1 1/4"		SG1TN 995	115	
1/4" X 1 1/2"		SG1TN 996	150	B
1/4" X 1 1/2"	500	SG1TN 1001	200	
1/4" X 2"		SG1TN 1002	250	
3/8" X 1"		SG1TN 1003	200	
3/8" X 1 1/2"		SG1TN 1004	250	
3/8" X 2"		SG1TN 1005	2-150	B
1/4" X 2"	750	SG1TN 1006	2-150	
3/8" X 1 1/2"		SG1TN 1007	2-150	
3/8" X 2"		SG1TN 1008	2-150	C
3/8" X 2"	1000	SG1TN 1009	2-200	
7/16" X 2"		SG1TN 1010	2-200	D
1/2" X 2"		SG1TN 1011	500	

MALLAS A TIERRA • GROUNDING SYSTEMS

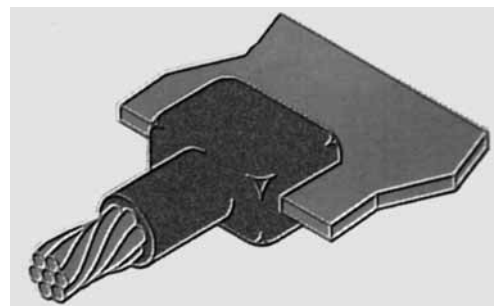
MOLDES CABLE A BARRAJE • CABLE TO MOLDS

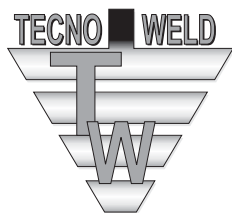
Cable Terminal a 90 • 90 Terminal Cable



**TIPO
SG1**

BARRAJE BUS BAR	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/4" x 1 1/2"	1/0	SG1TN 1651	90	A
	2/0	SG1TN 1652	90	
	3/0	SG1TN 1653	90	
	4/0	SG1TN 1654	90	
	250 MCM	SG1TN 1655	115	B
	300	SG1TN 1656	115	
	350	SG1TN 1657	150	
	500	SG1TN 1659	200	
3/8" X 1 1/2"	1/0	SG1TN 1660	90	A
	2/0	SG1TN 1661	90	
	3/0	SG1TN 1662	115	
	4/0	SG1TN 1663	115	
	250 MCM	SG1TN 1664	150	B
	300	SG1TN 1665	150	
	350	SG1TN 1666	200	
	500	SG1TN 1668	250	
	750	SG1TN 1669	2-150	C
	1000	SG1TN 1670	2-200	
1/2" X 1 1/2"	1/0	SG1TN 1671	115	A
	2/0	SG1TN 1672	115	
	3/0	SG1TN 1673	150	B
	4/0	SG1TN 1674	150	
	250 MCM	SG1TN 1675	200	
	300	SG1TN 1676	200	
	350	SG1TN 1677	250	
	400	SG1TN 1678	2-150	C
	500	SG1TN 1679	2-150	
	750	SG1TN 1680	2-200	
	1000	SG1TN 1681	500	



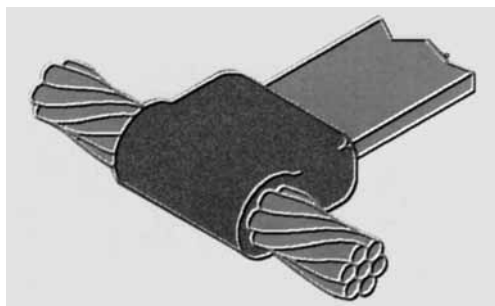


**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A BARRAJE • CABLE TO BUSBAR MOLDS

Cable Pasante a Barraje Terminal • Thru Cable to Terminal BusBar



BARRAJE BUS BAR	CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
1/8" X 1"	1/0	SG1TN 1682	65	B
1/4" X 1"		SG1TN 1683	90	
1/8" X 1"	2/0	SG1TN 1684	90	
1/4" X 1"		SG1TN 1685	115	
3/16" X 1 1/2"	3/0	SG1TN 1686	115	
1/4" X 1"		SG1TN 1687	150	
1/4" X 1 1/2"		SG1TN 1688	200	
1/4" X 2"		SG1TN 1689	250	
3/16" X 1 1/2"	4/0	SG1TN 1690	150	
1/4" X 1"		SG1TN 1691	150	
1/4" X 1 1/2"		SG1TN 1692	200	
1/4" X 2"		SG1TN 1693	250	
1/4" X 1"	250 MCM	SG1TN 1694	150	
1/4" X 1 1/2"		SG1TN 1695	200	
1/4" X 2"		SG1TN 1696	250	
1/4" X 1"	300	SG1TN 1697	200	
1/4" X 1 1/2"		SG1TN 1698	250	
1/4" X 2"		SG1TN 1699	2-150	
1/4" X 1"	350	SG1TN 1700	200	
1/4" X 1 1/4"		SG1TN 1701	200	
1/4" X 1 1/2"		SG1TN 1702	250	
1/4" X 2"		SG1TN 1703	2-150	
1/4" X 1"	500	SG1TN 1707	250	C
1/4" X 1 1/2"		SG1TN 1708	2-150	
1/4" X 2"		SG1TN 1709	2-200	
1/4" X 1 1/2"	750	SG1TN 1710	2-200	
1/4" X 2"		SG1TN 1711	500	
3/8" X 1 1/2"		SG1TN 1712	500	
3/8" X 2"		SG1TN 1713	3-200	
1/4" X 1 1/2"	1000	SG1TN 1714	500	
1/4" X 2"		SG1TN 1715	3-200	
3/8" X 1 1/2"		SG1TN 1716	3-200	
3/8" X 2"		SG1TN 1717	3-250	D

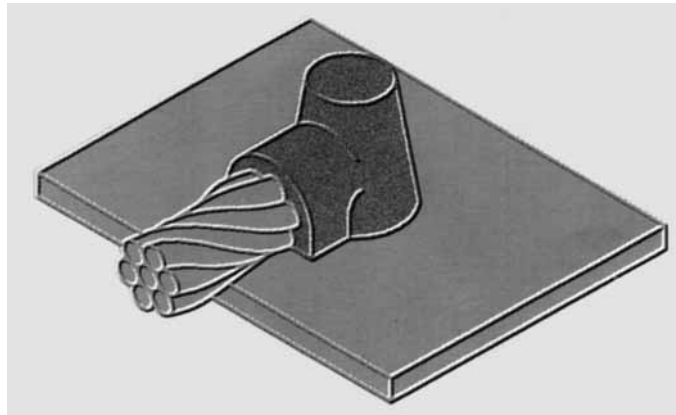
MALLAS A TIERRA • GROUNDING SYSTEMS

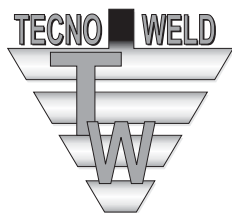
MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Terminal Sobre Superficie • Terminal Cable on Surface



VARILLA ROD	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN628	45	A
4	SG1TN629	45	
2	SG1TN630	45	
1	SG1TN631	65	
1/0	SG1TN7146	90	
2/0	SG1TN7075	90	
3/0	SG1TN2199	115	
4/0	SG1TN6114	115	
250 MCM	SG1TN2200	115	B
300	SG1TN2506	150	
350	SG1TN2507	200	
500	SG1TN2509	200	
750	SG1TN2542	2-150	
1000	SG1TN2511	2-200	C





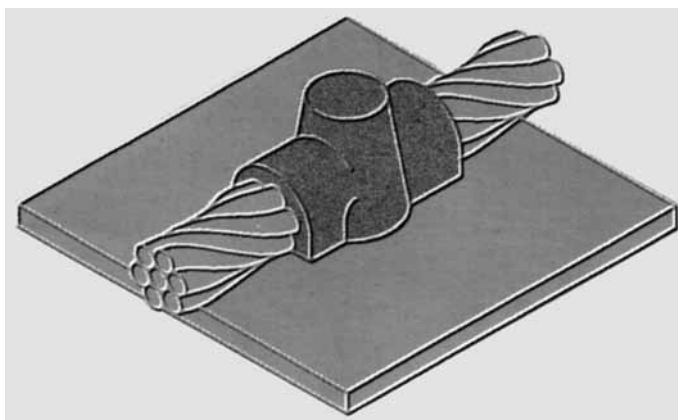
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Pasante a Superficie • Thru Cable on Surface

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN 602	45	A
4	SG1TN 603	45	
2	SG1TN 604	45	
1	SG1TN 605	65	
1/0	SG1TN 616	90	
2/0	SG1TN 617	115	
3/0	SG1TN 618	115	B
4/0	SG1TN 619	150	
250 MCM	SG1TN 620	150	
300	SG1TN 621	200	
350	SG1TN 622	250	C
500	SG1TN 624	2-150	
750	SG1TN 625	3-250	D
1000	SG1TN 626	2-500	



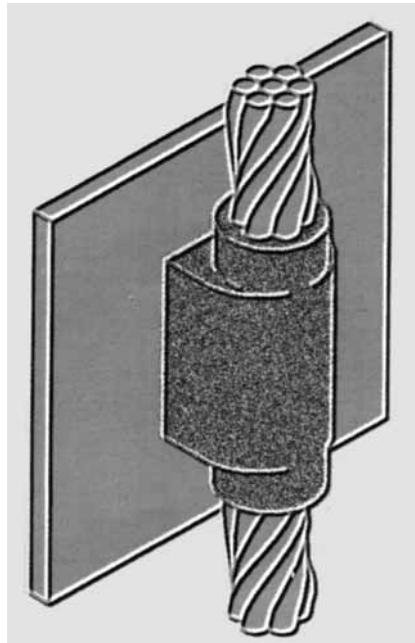
MALLAS A TIERRA • GROUNDING SYSTEMS

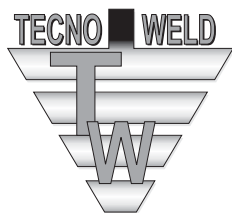
MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Pasante a Superficie Vertical • Thru Cable to Vertical Surface



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN 1215	90	B
4	SG1TN 1216	90	
3	SG1TN 1217	90	
2	SG1TN 1218	115	
1	SG1TN 1219	115	
1/0	SG1TN 1220	200	
2/0	SG1TN 1221	200	
3/0	SG1TN 1222	250	
4/0	SG1TN 1223	250	
250 MCM	SG1TN 1224	250	
300	SG1TN 1225	500	D
350	SG1TN 1226	3-200	
500	SG1TN 1228	3-250	





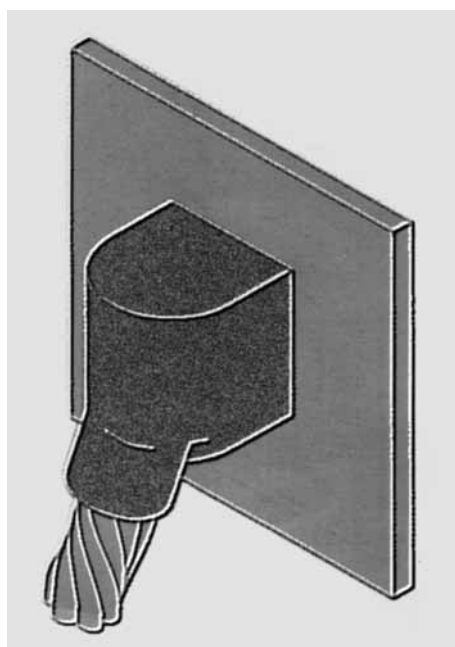
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Terminal Ascendente a Superficie Vertical • Terminal Ascending Cable to Vertical Surface

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN 585	45	A
4	SG1TN 586	45	
3	SG1TN 587	45	
2	SG1TN 588	45	
1	SG1TN 589	65	
1/0	SG1TN 590	90	
2/0	SG1TN 591	90	
3/0	SG1TN 592	115	
4/0	SG1TN 593	115	
250 MCM	SG1TN 594	115	
300	SG1TN 595	150	B
350	SG1TN 596	200	
500	SG1TN 598	200	
750	SG1TN 599	2-150	
1000	SG1TN 600	2-200	C



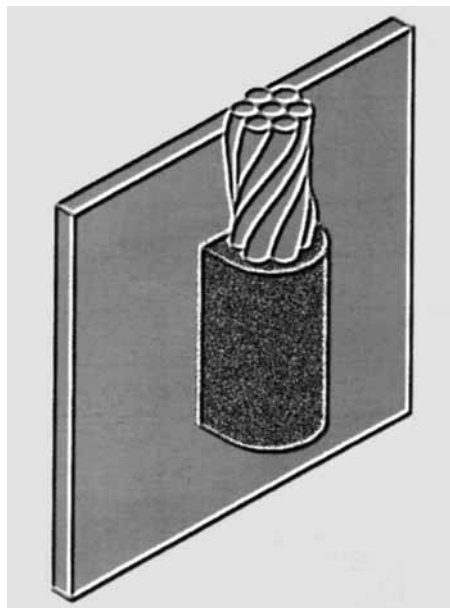
MALLAS A TIERRA • GROUNDING SYSTEMS

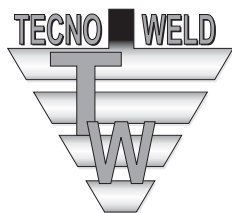
MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Terminal Descendente a Superficie Vertical • Terminal Descending Cable to Vertical Surface



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1TN 1635	65	A
4	SG1TN 1636	65	
3	SG1TN 1637	65	
2	SG1TN 1638	65	
1	SG1TN 1639	90	
1/0	SG1TN 1640	150	B
2/0	SG1TN 1641	150	
3/0	SG1TN 1642	200	
4/0	SG1TN 1643	200	
250 MCM	SG1TN 1644	200	
300	SG1TN 1645	250	C
350	SG1TN 1646	2-150	
500	SG1TN 1648	2-150	D
750	SG1TN 1649	500	
1000	SG1TN 1650	3-200	





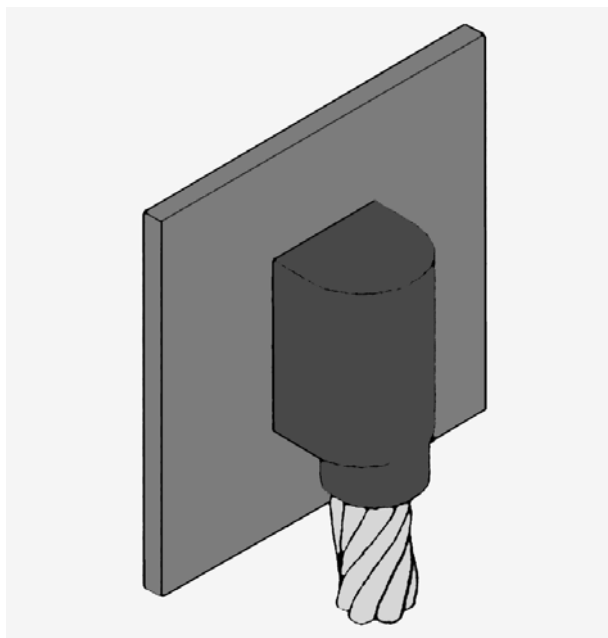
**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

Cable Terminal Ascendente a Superficie Vertical • Terminal Ascending Cable to Vertical Surface

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	SG1TN 5359	65	A
2	SG1TN 2781	65	
1	SG1TN 5361	90	
1/0	SG1TN 2189	115	
2/0	SG1TN 2540	115	
3/0	SG1TN 5362	150	B
4/0	SG1TN 8718	150	
250 MCM	SG1TN 8165	200	
300	SG1TN 5363	200	
350	SG1TN 9029	250	
500	SG1TN 8512	2-150	



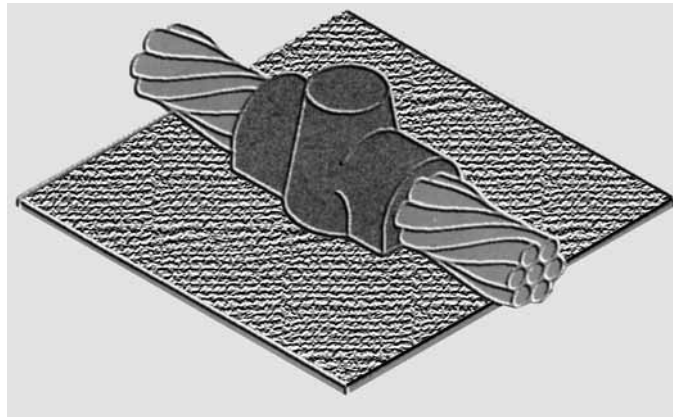
MALLAS A TIERRA • GROUNDING SYSTEMS



MOLDES CABLE A SUPERFICIE • CABLE TO SURFACE MOLDS

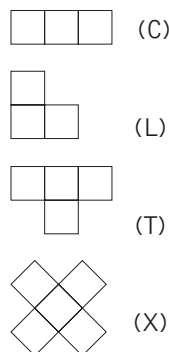
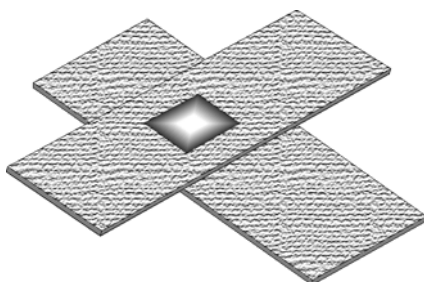
Molde Cable a Foil (Lámina 25 x 2 mm.) • Cable to Foil mould (25 x 2 mm.)
o de tamaño diferente según requerimiento

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	SG1TN 2687 - F	45	A
2	SG1TN 2689 - F	45	
1	SG1TN 2691 - F	45	
1/0	SG1TN 2694 - F	65	
2/0	SG1TN 2698 - F	65	
3/0	SG1TN 2702 - F	90	
4/0	SG1TN 2707 - F	90	



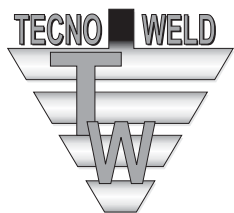
MOLDES SUPERFICIE A SUPERFICIE • FOIL TO FOIL MOLDS

Molde Foil a Foil (Lámina 25 x 2 mm.) • Foil to Foil Mould (25 x 2 mm.)



REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
SG1TN FF25 C	45	A
SG1TN FF25 L	45	
SG1TN FF25 T	45	
SG1TN FF25 X	45	

o de tamaño diferente según requerimiento

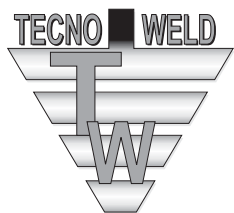


NOTAS • NOTES

[illegible]



USO:	Para empalme de un conductor terminal o pasante a tubo.
MATERIAL:	Cuerpo y tapa en grafito, bisagra en acero.
ACABADO:	Natural.
TAMAÑOS ESTANDAR:	Para conductores desde 6 AWG hasta 1000 MCM tubería de ½" en adelante.
USE:	For connection of one Terminal or thru cable to a pipe.
MATERIAL:	Graphite body and cover, steel hinge.
FINISH:	Natural.
STANDARD SIZES:	Cable from 6 AWG to 1000 MCM ½" pipe or larger.



**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

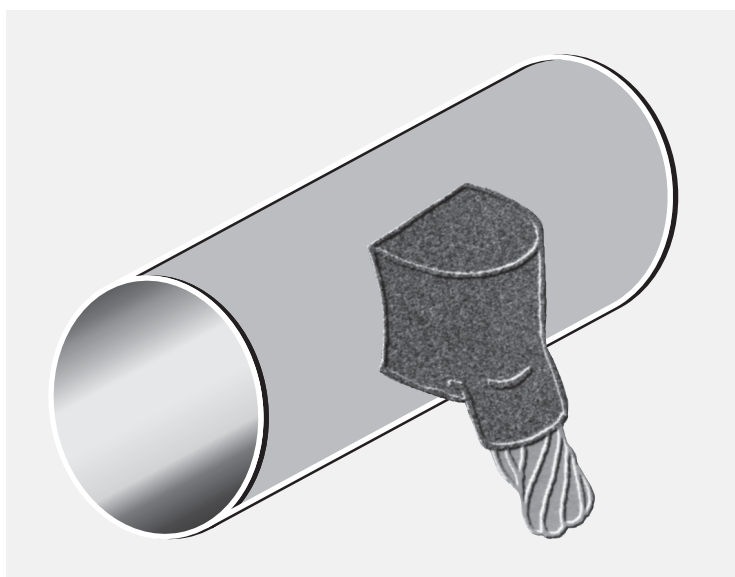
MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Terminal Ascendente a Tubo Horizontal • Terminal Ascending Cable to Horizontal Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 585H xx	45	A
4	SG1 TN 586H xx	45	
3	SG1 TN 587H xx	45	
2	SG1 TN 588H xx	45	
1	SG1 TN 589H xx	65	
1/0	SG1 TN 590H xx	90	
2/0	SG1 TN 591H xx	90	
3/0	SG1 TN 592H xx	115	
4/0	SG1 TN 593H xx	115	
250 MCM	SG1 TN 594H xx	115	B
300	SG1 TN 595H xx	150	
350	SG1 TN 596H xx	200	
500	SG1 TN 598H xx	200	
750	SG1 TN 599H xx	2-150	
1000	SG1 TN 600H xx	2-200	C

XX Reemplace la xx por el diámetro del tubo correspondiente
EJ. SG1TN 588 H 2" : Cable terminal ascendente Cal. 2 AWG a tubo horizontal de 2".

XX Replace xx by the corresponding diameter of pipe
Ex. SG1TN 588 H 2" : Terminal ascending 2 AWG cable to horizontal 2" pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

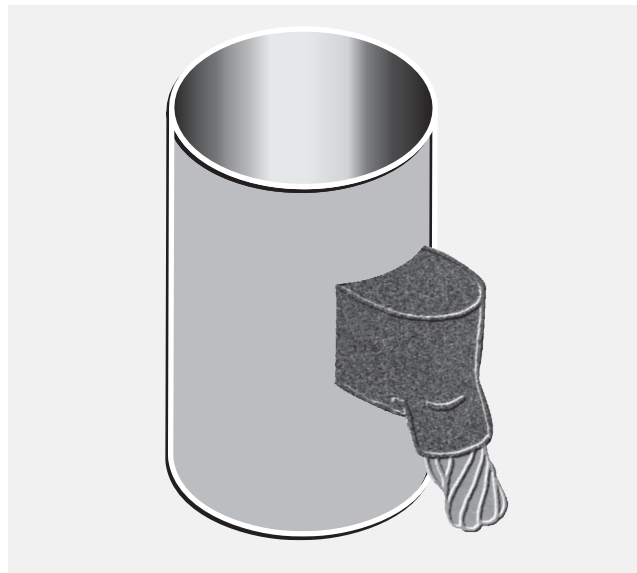
Cable Terminal Ascendente a Tubo Vertical • Terminal Ascending Cable to Vertical Pipe

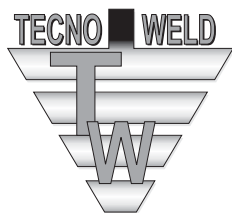


CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 585V xx	45	A
4	SG1 TN 586V xx	45	
3	SG1 TN 587V xx	45	
2	SG1 TN 588V xx	45	
1	SG1 TN 589V xx	65	
1/0	SG1 TN 590V xx	90	
2/0	SG1 TN 591V xx	90	
3/0	SG1 TN 592V xx	115	
4/0	SG1 TN 593V xx	115	
250 MCM	SG1 TN 594V xx	115	
300	SG1 TN 595V xx	150	B
350	SG1 TN 596V xx	200	
500	SG1 TN 598V xx	200	
750	SG1 TN 599V xx	2-150	
1000	SG1 TN 600V xx	2-200	C

XX Reemplace la xx por el diámetro del tubo correspondiente
EJ. SG1TN 588 V 2" : Cable terminal ascendente Cal. 2 AWG a tubo vertical de 2".

XX Replace xx by the corresponding diameter of pipe
Ex. SG1TN 588 V 2" : Terminal ascending 2 AWG cable to a vertical 2" pipe.





**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

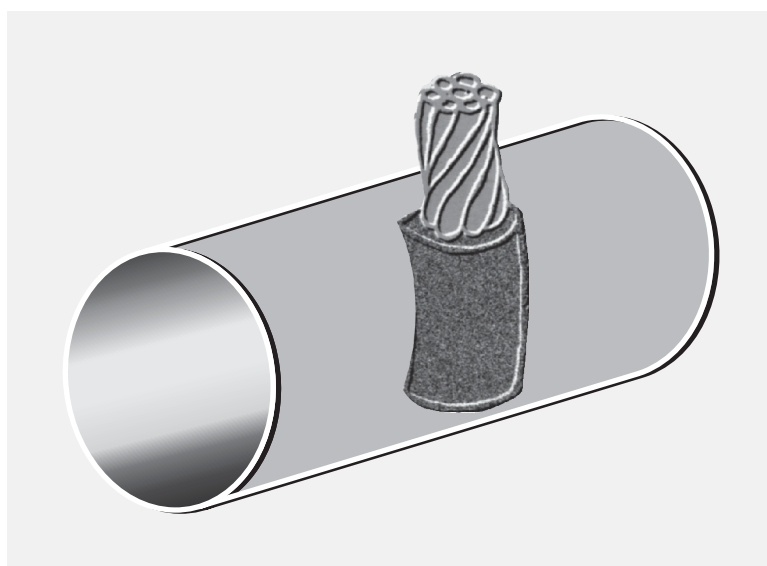
MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Terminal Descendente a Tubo Horizontal • Terminal Descending Cable to Horizontal Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1635H xx	65	A
4	SG1 TN 1636H xx	65	
3	SG1 TN 1637H xx	65	
2	SG1 TN 1638H xx	65	
1	SG1 TN 1639H xx	90	
1/0	SG1 TN 1640H xx	150	
2/0	SG1 TN 1641H xx	150	
3/0	SG1 TN 1642H xx	200	
4/0	SG1 TN 1643H xx	200	
250 MCM	SG1 TN 1644H xx	200	B
300	SG1 TN 1645H xx	250	
350	SG1 TN 1646H xx	2-150	
500	SG1 TN 1648H xx	2-150	
750	SG1 TN 1649H xx	500	C
1000	SG1 TN 1650H xx	3-200	

XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 1641 H 2" : Cable terminal descendente Cal. 2/0 a tubo horizontal de 2".

XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 1641 H 2" : Terminal 2/0 descending cable to horizontal 2" pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

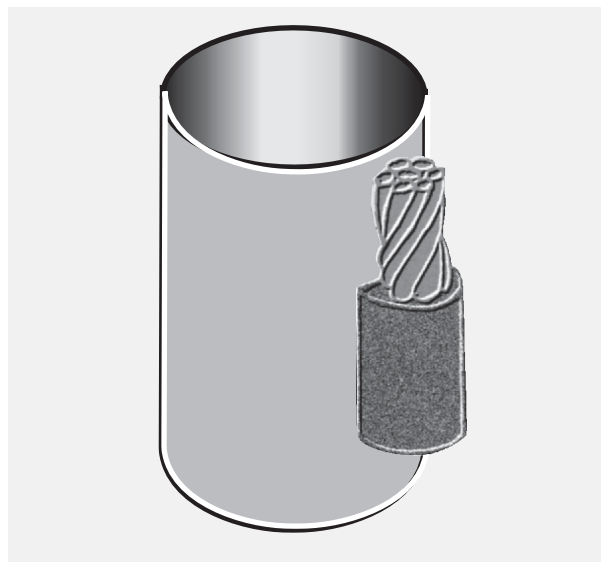
Cable Terminal Descendente a Tubo Vertical • Terminal Descending Cable to Vertical Pipe

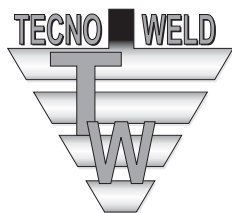


CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1635V xx	65	A
4	SG1 TN 1636V xx	65	
3	SG1 TN 1637V xx	65	
2	SG1 TN 1638V xx	65	
1	SG1 TN 1639V xx	90	
1/0	SG1 TN 1640V xx	150	B
2/0	SG1 TN 1641V xx	150	
3/0	SG1 TN 1642V xx	200	
4/0	SG1 TN 1643V xx	200	
250 MCM	SG1 TN 1644V xx	200	
300	SG1 TN 1645V xx	250	
350	SG1 TN 1646V xx	2-150	
500	SG1 TN 1648V xx	2-150	
750	SG1 TN 1649V xx	500	C
1000	SG1 TN 1650V xx	3-200	

XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 1641 H 2" : Cable terminal descendente Cal. 2/0 a tubo vertical de 2".

XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 1641 H 2" : Terminal 2/0 descending cable to vertical 2" pipe.





**TIPO
SG1**

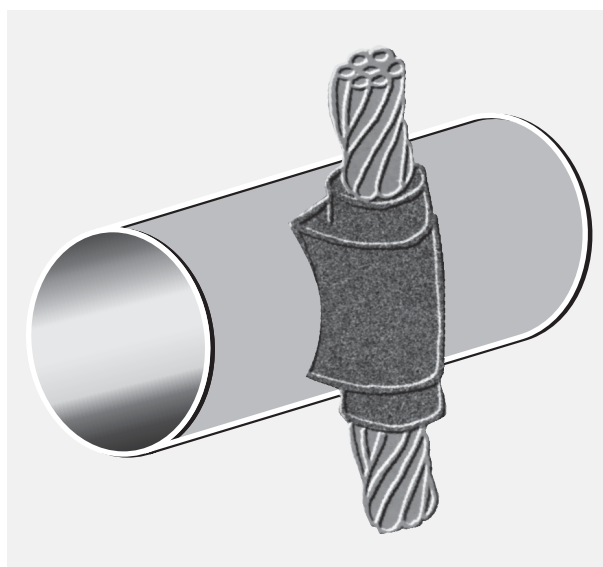
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Pasante Vertical a Tubo Horizontal • Thru Vertical Cable to Horizontal Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1215H xx	90	B
4	SG1 TN 1216H xx	90	
3	SG1 TN 1217H xx	90	
2	SG1 TN 1218H xx	115	
1	SG1 TN 1219H xx	115	
1/0	SG1 TN 1220H xx	200	
2/0	SG1 TN 1221H xx	200	
3/0	SG1 TN 1222H xx*	250	
4/0	SG1 TN 1223H xx*	250	
250 MCM	SG1 TN 1224H xx*	250	
300	SG1 TN 1225H xx*	500	C
350	SG1 TN 1226H xx*	3-200	
500	SG1 TN 1228H xx*	3-250	D

- XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 1221 H 2" : Cable 2/0 vertical pasante a tubo horizontal de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 1221 H 2" : Thru 2/0 vertical cable to horizontal 2" pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

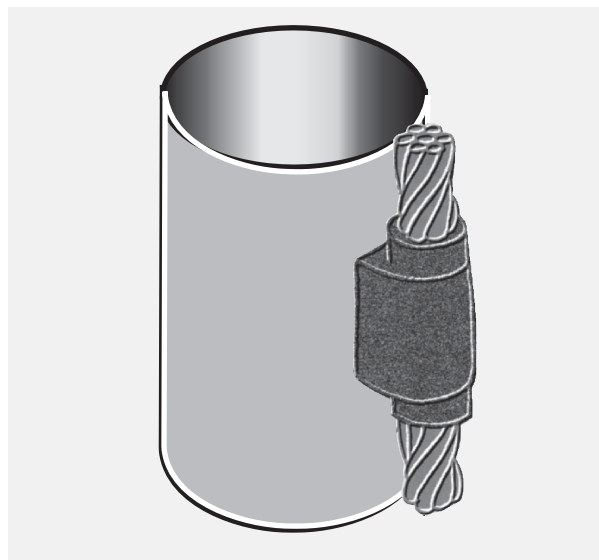
Cable Pasante Vertical a Tubo Vertical • Thru Vertical to Vertical Pipe

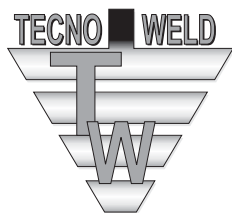


CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1215V xx	90	B
4	SG1 TN 1216V xx	90	
3	SG1 TN 1217V xx	90	
2	SG1 TN 1218V xx	115	
1	SG1 TN 1219V xx	115	
1/0	SG1 TN 1220V xx	200	
2/0	SG1 TN 1221V xx	200	
3/0	SG1 TN 1222V xx*	250	
4/0	SG1 TN 1223V xx*	250	
250 MCM	SG1 TN 1224V xx*	250	
300	SG1 TN 1225V xx*	500	C
350	SG1 TN 1226V xx*	3-200	
500	SG1 TN 1228V xx*	3-250	D

* Tipo Pesado - Heavy Duty

- XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 1221 V 2" : Cable 2/0 vertical pasante a tubo horizontal de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 1221V 2" : Thru 2/0 vertical cable to horizontal 2".





**TIPO
SG1**

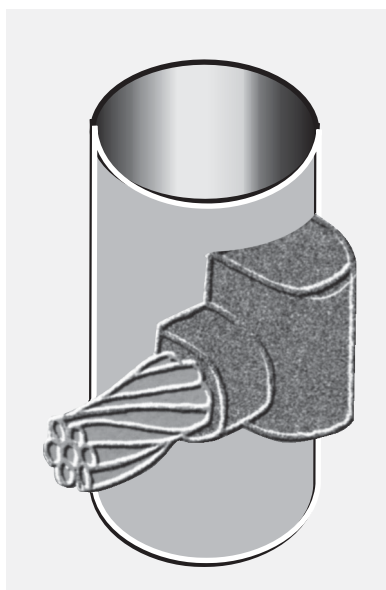
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

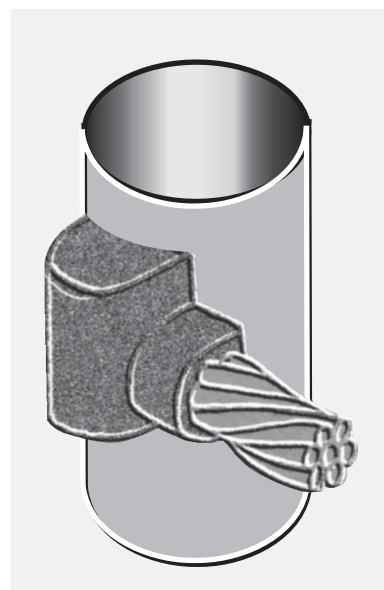
Cable Terminal Horizontal a Tubo Perpendicular • Terminal Horizontal Cable to Perpendicular Pipe

PRINCIPAL RUN	REFERENCIA IZQUIERDA REFERENCE LEFT	REFERENCIA DERECHA REFERENCE RIGHT	CARGA CARTRIDGE	TIPO
6	SG1TN 5910 PI xx	SG1TN 5910 PD xx	45	A
4	SG1TN 2761 PI xx	SG1TN 2761 PD xx	45	
2	SG1TN 2569 PI xx	SG1TN 2569 PD xx	45	
1	SG1TN 6060 PI xx	SG1TN 6060 PD xx	65	
1/0	SG1TN 5419 PI xx	SG1TN 5419 PD xx	90	
2/0	SG1TN 2567 PI xx	SG1TN 2567 PD xx	90	
3/0	SG1TN 6072 PI xx	SG1TN 6072 PD xx	115	
4/0	SG1TN 9253 PI xx	SG1TN 9253 PD xx	115	
250 MCM	SG1TN 2568 PI xx	SG1TN 2568 PD xx	115	B
300 MCM	SG1TN 6061 PI xx	SG1TN 6061 PD xx	150	
350 MCM	SG1TN 6067 PI xx	SG1TN 6067 PD xx	200	
500 MCM	SG1TN 8359 PI xx	SG1TN 8359 PD xx	200	

- XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 5910 PI 2" : Cable 6AWG horizontal a tubo vertical de 2" izquierda.
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 5910 PI 2" : Terminal 6AWG left horizontal cable to vertical 2" pipe.



**CONEXION DERECHA
RIGHT CONNETION**

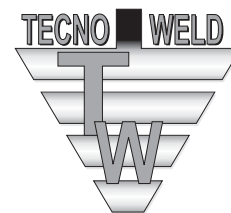


**CONEXION IZQUIERDA
LEFT CONNETION**

MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

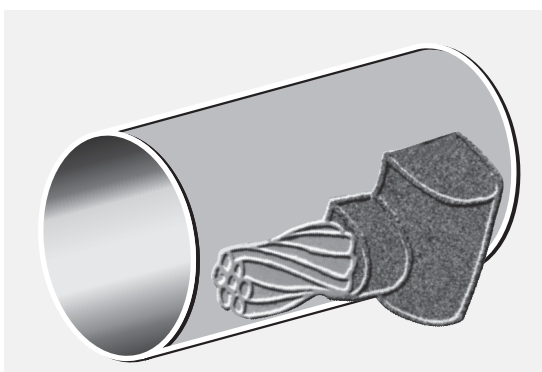
Cable Terminal Horizontal a Tubo Paralelo • Terminal Horizontal Cable to Parallel Pipe



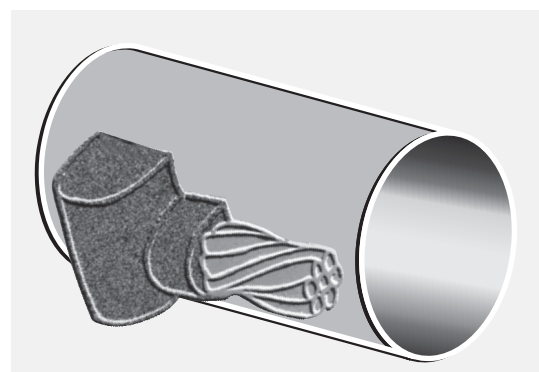
**TIPO
SG1**

PRINCIPAL RUN	REFERENCIA IZQUIERDA REFERENCE LEFT	REFERENCIA DERECHA REFERENCE RIGHT	CARGA CARTRIDGE	TIPO
6	SG1TN 5910 LI xx	SG1TN 5910 LD xx	45	A
4	SG1TN 2761 LI xx	SG1TN 2761 LD xx	45	
2	SG1TN 2569 LI xx	SG1TN 2569 LD xx	45	
1	SG1TN 6060 LI xx	SG1TN 6060 LD xx	65	
1/0	SG1TN 5419 LI xx	SG1TN 5419 LD xx	90	
2/0	SG1TN 2567 LI xx	SG1TN 2567 LD xx	90	
3/0	SG1TN 6072 LI xx	SG1TN 6072 LD xx	115	
4/0	SG1TN 9253 LI xx	SG1TN 9253 LD xx	115	
250 MCM	SG1TN 2568 LI xx	SG1TN 2568 LD xx	115	B
300 MCM	SG1TN 6061 LI xx	SG1TN 6061 LD xx	150	
350 MCM	SG1TN 6067 LI xx	SG1TN 6067 LD xx	200	
500 MCM	SG1TN 8359 LI xx	SG1TN 8359 LD xx	200	

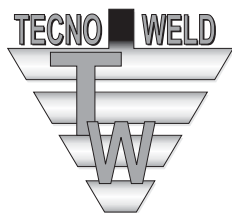
- XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 5910 LI 2" : Cable 6AWG horizontal a tubo paralelo de 2" izquierdo.
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 5910 LI 2" : Terminal 6AWG left horizontal cable to parallel 2" pipe.



**CONEXION DERECHA
RIGHT CONNETION**



**CONEXION IZQUIERDA
LEFT CONNETION**



**TIPO
SG1**

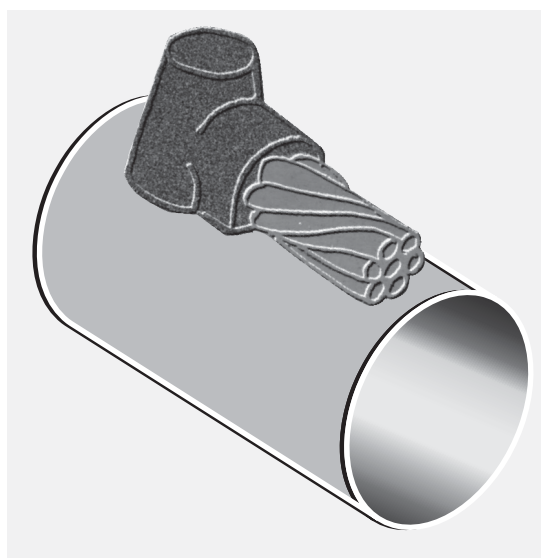
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Terminal Horizontal sobre Tubo Paralelo • Terminal Horizontal Cable Over Parallel Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 628L xx	45	A
4	SG1 TN 629L xx	45	
2	SG1 TN 630L xx	45	
1	SG1 TN 631L xx	65	
1/0	SG1 TN 644L xx	90	
2/0	SG1 TN 645L xx	90	
3/0	SG1 TN 646L xx	115	B
4/0	SG1 TN 647L xx	115	
250 MCM	SG1 TN 648L xx	115	
300	SG1 TN 649L xx	150	
350	SG1 TN 650L xx	200	
500	SG1 TN 652L xx	200	
750	SG1 TN 653L xx	2-150	
1000	SG1 TN 654L xx	2-200	

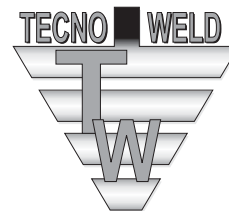
- XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 645 L 2" : Cable horizontal Cal. 2/0 sobre tubo horizontal paralelo de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 645 L 2" : Terminal Horizontal 2/0 cable over Horizontal parallel 2" pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

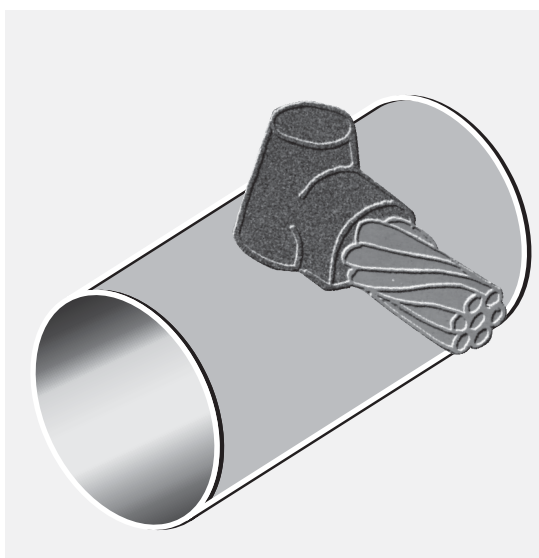
Cable Terminal Horizontal sobre Tubo Perpendicular • Terminal Horizontal Cable Over Perpendicular Pipe

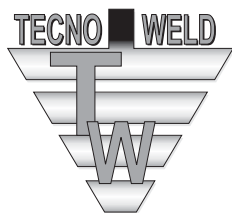


**TIPO
SG1**

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 628P xx	45	A
4	SG1 TN 629P xx	45	
2	SG1 TN 630P xx	45	
1	SG1 TN 631P xx	65	
1/0	SG1 TN 644P xx	90	
2/0	SG1 TN 645P xx	90	
3/0	SG1 TN 646P xx	115	B
4/0	SG1 TN 647P xx	115	
250 MCM	SG1 TN 648P xx	115	
300	SG1 TN 649P xx	150	
350	SG1 TN 650P xx	200	
500	SG1 TN 652P xx	200	
750	SG1 TN 653P xx	2-150	
1000	SG1 TN 654P xx	2-200	

- XX Reemplace la xx por el diámetro del tubo
EJ. SG1TN 645 P 2" : Cable horizontal terminal Cal. 2/0 sobre tubo horizontal de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 645 P 2" : Terminal Horizontal 2/0 cable over Horizontal 2" pipe.





**TIPO
SG1**

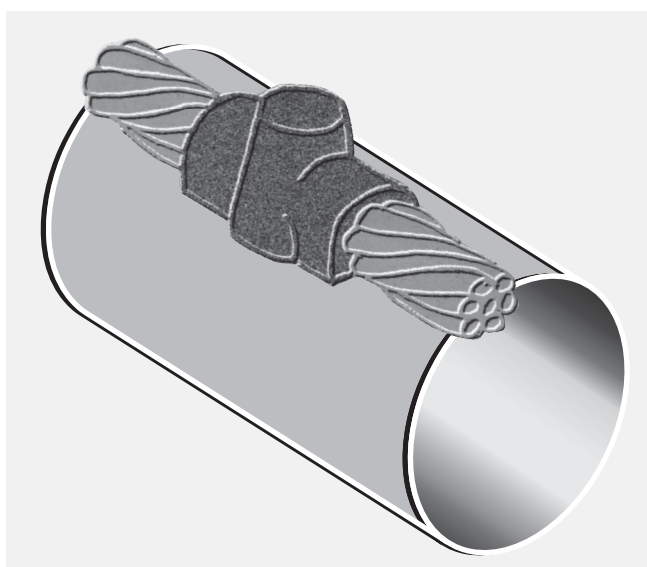
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Pasante Horizontal sobre Tubo Paralelo • Thru Horizontal Cable Over Parallel Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 602L xx	45	A
4	SG1 TN 603L xx	45	
2	SG1 TN 604L xx	45	
1	SG1 TN 605L xx	65	
1/0	SG1 TN 616L xx	90	
2/0	SG1 TN 617L xx	115	
3/0	SG1 TN 618L xx	115	
4/0	SG1 TN 619L xx	150	B
250 MCM	SG1 TN 620L xx	150	
300	SG1 TN 621L xx	200	
350	SG1 TN 622L xx	250	
500	SG1 TN 624L xx	2-150	
750	SG1 TN 625L xx	3-250	D
1000	SG1 TN 626L xx	2-500	

- XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 617 L 2" : Cable 2/0 horizontal pasante sobre tubo horizontal paralelo de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 617 L 2" : Horizontal thru 2/0 cable over parallel 2" horizontal pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

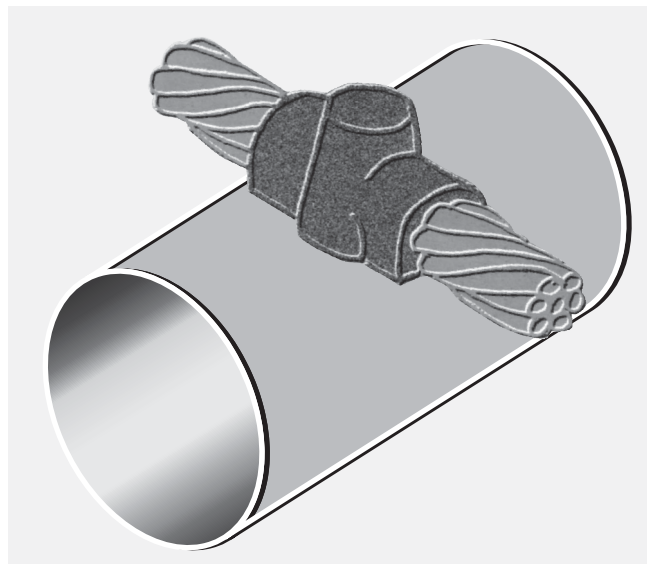
MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

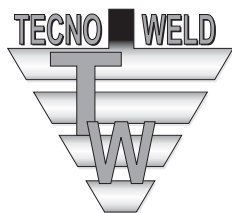
Cable Pasante Horizontal sobre Tubo Perpendicular • Thru Horizontal Cable Over Perpendicular Pipe



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 602P xx	45	B
4	SG1 TN 603P xx	45	
2	SG1 TN 604P xx	45	
1	SG1 TN 605P xx	65	
1/0	SG1 TN 616P xx	90	
2/0	SG1 TN 617P xx	115	
3/0	SG1 TN 618P xx	115	
4/0	SG1 TN 619P xx	150	
250 MCM	SG1 TN 620P xx	150	
300	SG1 TN 621P xx	200	
350	SG1 TN 622P xx	250	
500	SG1 TN 624P xx	2-150	
750	SG1 TN 625P xx	3-250	D
1000	SG1 TN 626P xx	2-500	

- XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 617 P 2" : Cable 2/0 horizontal pasante sobre tubo horizontal perpendicular de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 617 P 2" : Horizontal thru 2/0 cable over perpendicular 2" horizontal pipe.





**TIPO
SG1**

MALLAS A TIERRA • GROUNDING SYSTEMS

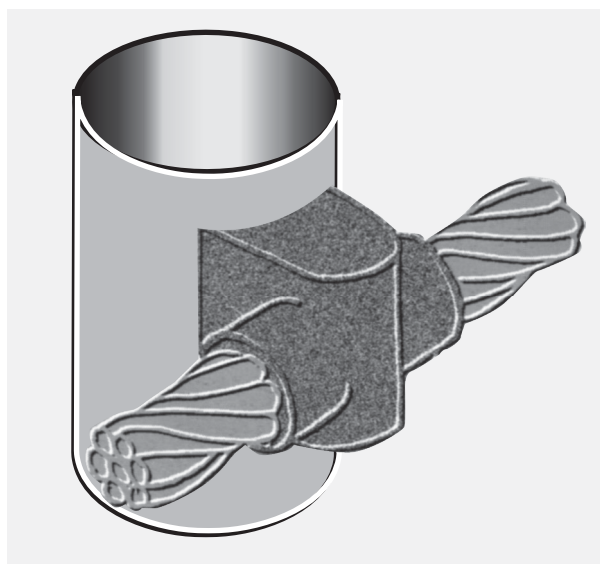
MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

Cable Pasante Horizontal a Tubo Vertical • Thru Horizontal Cable to Vertical Pipe

CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1626P xx	65	A
4	SG1 TN 1627P xx	65	
2	SG1 TN 1628P xx	65	
1	SG1 TN 1629P xx	90	
1/0	SG1 TN 1630P xx	115	
2/0	SG1 TN 1631P xx	115	
3/0	SG1 TN 1632P xx	150	B
4/0	SG1 TN 1633P xx	150	
250 MCM	SG1 TN 1634P xx	150	

XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 631P2" : Cable 2/0 horizontal pasante a tubo vertical de 2".

XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 631P2" : Thru 2/0 horizontal cable to vertical 2" pipe.



MALLAS A TIERRA • GROUNDING SYSTEMS

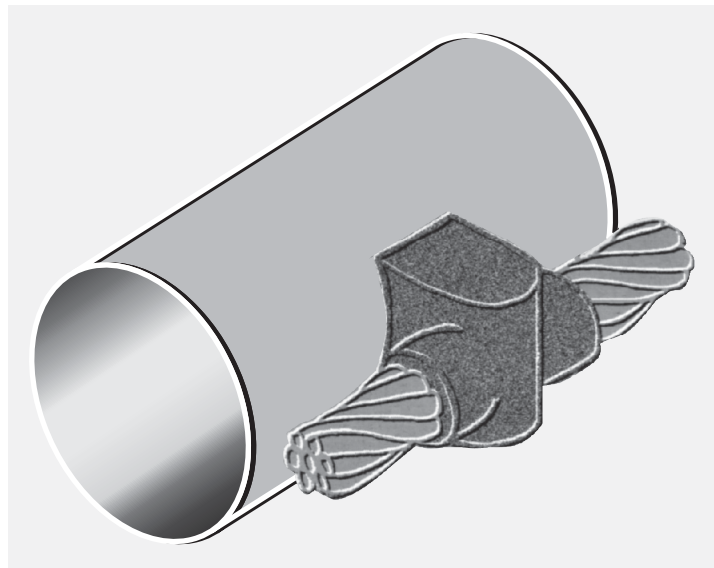
MOLDES CABLE A TUBO • CABLE TO PIPE MOLDS

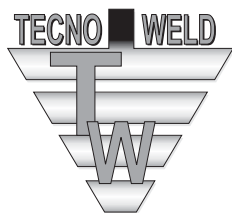
Cable Pasante Horizontal a Tubo Horizontal • Thru Horizontal Cable to Horizontal Pipe



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
6	SG1 TN 1626L xx	65	A
4	SG1 TN 1627L xx	65	
2	SG1 TN 1628L xx	65	
1	SG1 TN 1629L xx	90	
1/0	SG1 TN 1630L xx	115	
2/0	SG1 TN 1631L xx	115	
3/0	SG1 TN 1632L xx	150	B
4/0	SG1 TN 1633L xx	150	
250 MCM	SG1 TN 1634L xx	150	

- XX Reemplace las xx por el diámetro del tubo
EJ. SG1TN 1626 L 2" : Cable 2/0 horizontal a tubo horizontal de 2".
- XX Replace xx by corresponding diameter of pipe
Ex. SG1TN 1626 L 2" : Thru 2/0 horizontal cable to horizontal 2" pipe.



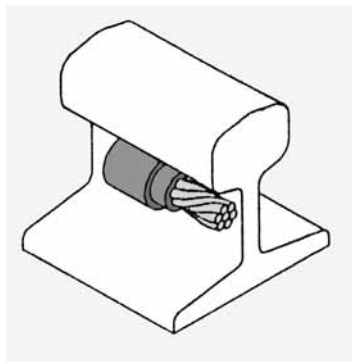


**TIPO
SG1**

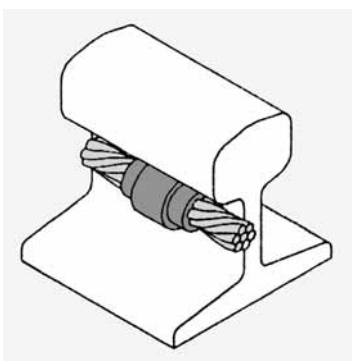
MALLAS A TIERRA • GROUNDING SYSTEMS

MOLDES CABLE A RIEL • CABLE TO RAIL MOLDS

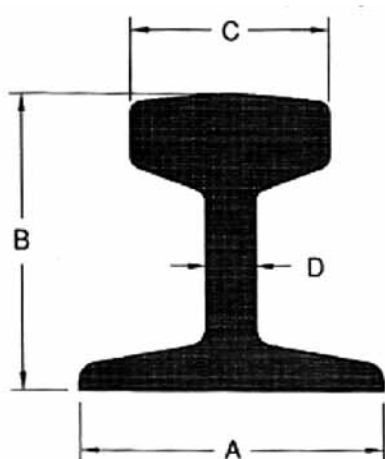
Cable a Riel • Cable to Rail



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	SG1 TN 6384	65	B
2	SG1 TN 5502	65	
1	SG1 TN 6385	65	
1/0	SG1 TN 6386	90	
2/0	SG1 TN 5398	90	
4/0	SG1 TN 1087	115	



CABLE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
4	SG1 TN 6387	90	B
2	SG1 TN 6389	90	
1	SG1 TN 6390	90	
1/0	SG1 TN 6391	115	
2/0	SG1 TN 6392	115	
4/0	SG1 TN 6395	150	



Los moldes TECNOWELD son fabricados para ajustarse al perfil de riel. Si el tamaño y tipo de riel se desconocen, se deben suministrar las dimensiones mostradas para la adecuada identificación del riel. Las medidas deben tener un grado de exactitud de 1/16".

Se requiere la siguiente información para ordenar un pedido de molde para riel :

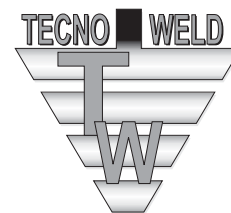
1. Tamaño de riel
2. Tipo de riel o numero de sección
3. Posición (Si es invertida)
4. Tipo de conexión: cable a la derecha, cable a la izquierda o cable pasante
5. Tamaño de cable y tipo

TECNOWELD molds are manufactured to fit the rail contour. If the size and type of rail is not known, the four dimensions shown must be supplied for proper rail identification. Measurements should be accurate to the 1/16".

The following information is required for ordering rail molds:

1. Rail size
2. Rail type or section number
3. Position (if inverted).
4. Connection type: right hand, left hand or through run.
5. Conductor size and type.

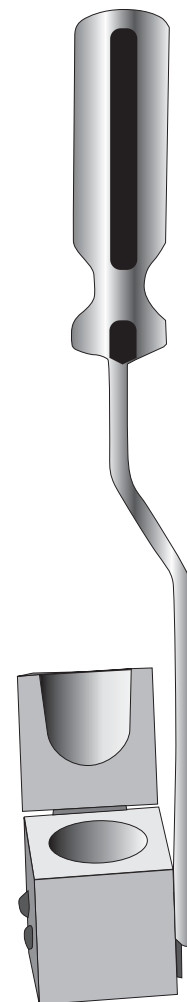
MALLAS A TIERRA • GROUNDING SYSTEMS



**TIPO
SG1**

MOLDES PARA PROTECCIÓN CATÓDICA • CATHODIC PROTECTION MOLDS

WIPE SIZE	STEEL SURFACE	REFERENCIA REFERENCE	CARGA CARTRIDGE	TIPO
14/6	Flat (4" & Larger pipe)	SG1TN 100	15	A
	3/4" to 3 1/2" pipe	SG1TN 101	15	
6	Flat (4" & Larger pipe)	SG1TN 102	15	
	3/4" to 3 1/2" pipe	SG1TN 103	15	
4 *	Flat (6" & Larger pipe)	SG1TN 104	15	
	3/4" to 4" pipe	SG1TN 105	15	
4	Flat (6" & Larger pipe)	SG1TN 106	15	
	3/4" to 1 1/2" pipe	SG1TN 107	15	
	2" to 4" pipe	SG1TN 108	15	
2 *	Flat (8" & Larger pipe)	SG1TN 109	25	
	1" to 2" pipe	SG1TN 110	25	
	2 1/2 to 6" pipe	SG1TN 111	25	
2	Flat (8" & larger pipe)	SG1TN 112	32	
	1" to 1 1/2" pipe	SG1TN 113	32	
	2" to 3" pipe	SG1TN 114	32	
	4" to 6" pipe	SG1TN 115	32	
1	Flat (12" & larger pipe)	SG1TN 116	45	
	1 1/2" to 2" pipe	SG1TN 117	45	
	3" to 4" pipe	SG1TN 118	45	
	6" to 10" pipe	SG1TN 119	45	
1/0	Flat (18" & larger pipe)	SG1TN 120	65	
	2 1/2" to 4" pipe	SG1TN 121	65	
	6" to 10" pipe	SG1TN 122	65	
	12" to 16" pipe	SG1TN 123	65	
2/0	Flat (18" & larger pipe)	SG1TN 124	65	
	3" to 4" pipe	SG1TN 125	65	
	6" to 10" pipe	SG1TN 126	65	
	12" to 16" pipe	SG1TN 127	65	



* Conductor sólido - Solid Conductor

MALLAS A TIERRA

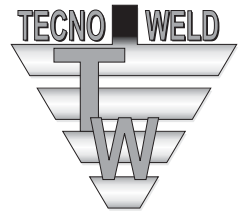
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MALLAS A TIERRA • GROUNDING SYSTEMS

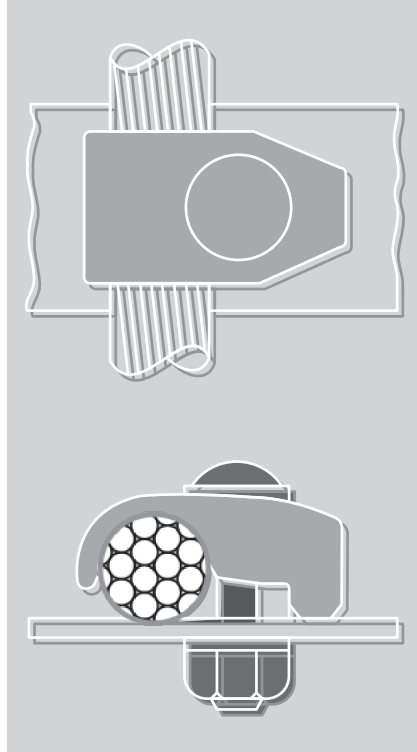
CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Un Conductor a Superficie Plana, Un Solo Tornillo • One Cable to Flat Surface, One Single Bolt

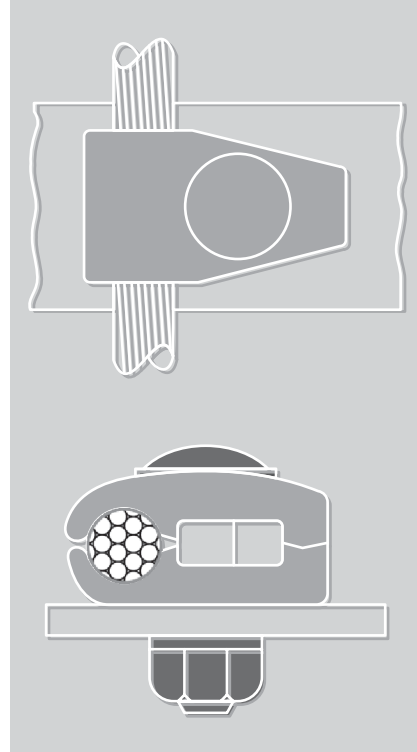


TIPO
SG2 TGBM
SG2 TGB

SG2 TGBM



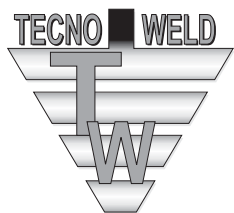
SG2 TGB



**CUERPO
SENCILLO**

**DOS
CUERPOS**

CABLE	REFERENCIA REFERENCE	REFERENCIA REFERENCE
8 - 4 AWG	SG2 TGBM4C	SG2 TGB4C
4 - 2/0	SG2 TGBM26	SG2 TGB26
2/0 - 250 MCM	SG2 TGBM29	SG2 TGB29
300 - 500	SG2 TGBM34	SG2 TGB34



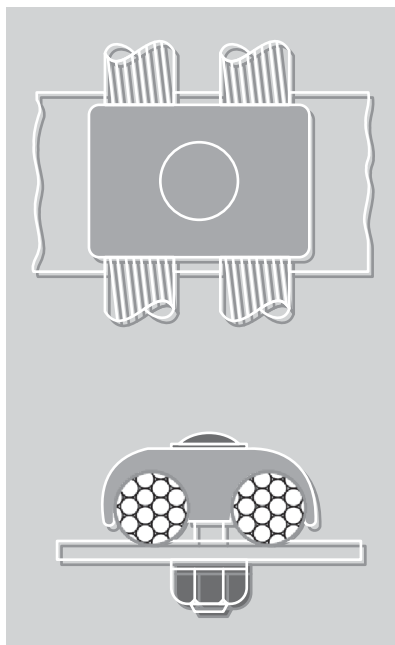
**TIPO
SG2 TGCM
SG2 TGC**

MALLAS A TIERRA • GROUNDING SYSTEMS

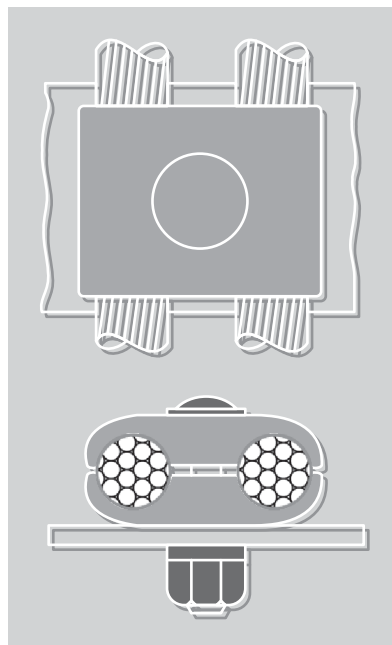
CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Dos Conductores a Superficie Plana, un solo Tornillo • Two Cables to Flat Surface, One Single Bolt

SG2 TGCM



SG2 TGC

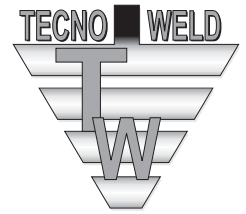


CABLE A GAUGE	CABLE B GAUGE	UN CUERPO ONE COVER	DOS CUERPOS TWO COVERS
8 - 4	8 - 4	SG2 TGCM 4C4C	SG2 TGC 4C4C
	4 - 2/0	SG2 TGCM 4C26	SG2 TGC 4C26
	2/0 - 250	SG2 TGCM 4C29	SG2 TGC 4C29
	300 - 500	SG2 TGCM 4C34	SG2 TGC 4C34
4 - 2/0	4 - 2/0	SG2 TGCM 2626	SG2 TGC 2626
	2/0 - 250	SG2 TGCM 2629	SG2 TGC 2629
	300 - 500	SG2 TGCM 2634	SG2 TGC 2634
2/0 - 250	2/0 - 250	SG2 TGCM 2929	SG2 TGC 2929
	300 - 500	SG2 TGCM 2934	SG2 TGC 2934
300 - 500	300 - 500	SG2 TGCM 3434	SG2 TGC 3434

MALLAS A TIERRA • GROUNDING SYSTEMS

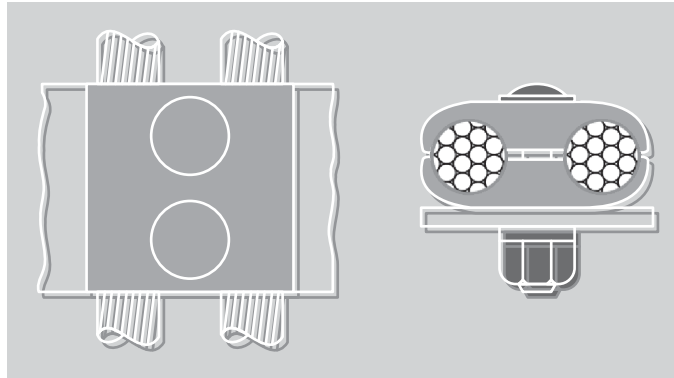
CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Dos Conductores a una Superficie Plana, con Dos o Tres Tornillos
Two Cables to Surface with Two or Three Bolts

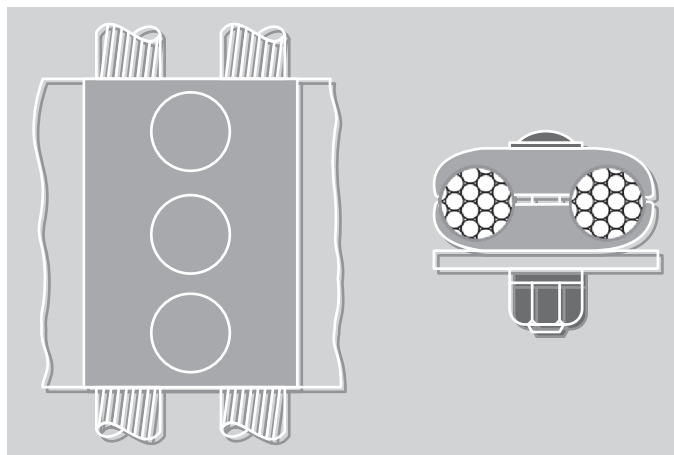


TIPO
SG2 TGL
SG2 TCP

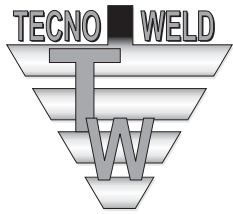
SG2 TGL



SG2 TCP



CABLE A GAUGE	CABLE B GAUGE	DOS TORNILLOS TWO BOLTS	TRES TORNILLOS THREE BOLTS
8 - 4	8 - 4	SG2 TGL 4C4C	SG2 TCP 4C4C
	4 - 2/0	SG2 TGL 4C26	SG2 TCP 4C26
	2/0 - 250	SG2 TGL 4C29	SG2 TCP 4C29
	300 - 500	SG2 TGL 4C34	SG2 TCP 4C34
4 - 2/0	4 - 2/0	SG2 TGL 2626	SG2 TCP 2626
	2/0 - 250	SG2 TGL 2629	SG2 TCP 2629
	300 - 500	SG2 TGL 2634	SG2 TCP 2634
2/0 - 250	2/0 - 250	SG2 TGL 2929	SG2 TCP 2929
	300 - 500	SG2 TGL 2934	SG2 TCP 2934
300 - 500	300 - 500	SG2 TGL 3434	SG2 TCP 3434

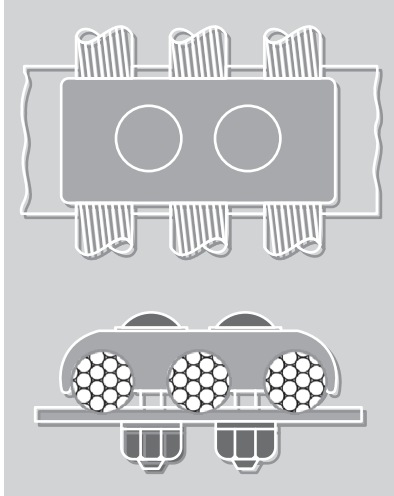


MALLAS A TIERRA • GROUNDING SYSTEMS

CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Tres Conductores a una Superficie Plana, Dos Tornillos • Three Cables to Surface with Two Bolts

TIPO SG2 TGE

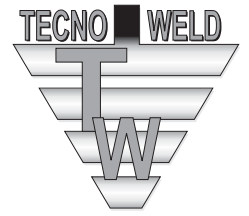


CABLE A GAUGE	CABLE B GAUGE	DOS TORNILLOS TWO BOLTS	TRES TORNILLOS THREE BOLTS
8 - 4	8 - 4	8 - 4 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 4C4C4C SG2 TGE 4C4C26 SG2 TGE 4C4C29 SG2 TGE 4C4C34
	4 - 2/0	8 - 4 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 4C264C SG2 TGE 4C2626 SG2 TGE 4C2629 SG2 TGE 4C2634
	2/0 - 250	8 - 4 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 4C294C SG2 TGE 4C2926 SG2 TGE 4C2929 SG2 TGE 4C2934
	300 - 500	8 - 4 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 4C344C SG2 TGE 4C3426 SG2 TGE 4C3429 SG2 TGE 4C3434
4 - 2/0	8 - 4 4 - 2/0	4 - 2/0 2/0 - 250 300 - 500 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 264C26 SG2 TGE 264C29 SG2 TGE 264C34 SG2 TGE 262626 SG2 TGE 262629 SG2 TGE 262634
	2/0 - 250 300 - 500	4 - 2/0 2/0 - 250 300 - 500 4 - 2/0 2/0 - 250 300 - 500	SG2 TGE 262926 SG2 TGE 262929 SG2 TGE 262934 SG2 TGE 263426 SG2 TGE 263429 SG2 TGE 263434
2/0 - 250	8 - 4 4 - 2/0 2/0 - 250 300 - 500	2/0 - 250 300 - 500 2/0 - 250 300 - 500 2/0 - 250 300 - 500 2/0 - 250 300 - 500	SG2 TGE 294C29 SG2 TGE 294C34 SG2 TGE 292629 SG2 TGE 292634 SG2 TGE 292929 SG2 TGE 292934 SG2 TGE 293429 SG2 TGE 293434
300 - 500	8 - 4 4 - 2/0 2/0 - 250 300 - 500	300 - 500 300 - 500 300 - 500 300 - 500	SG2 TGE 344C34 SG2 TGE 342634 SG2 TGE 342934 SG2 TGE 343434

MALLAS A TIERRA • GROUNDING SYSTEMS

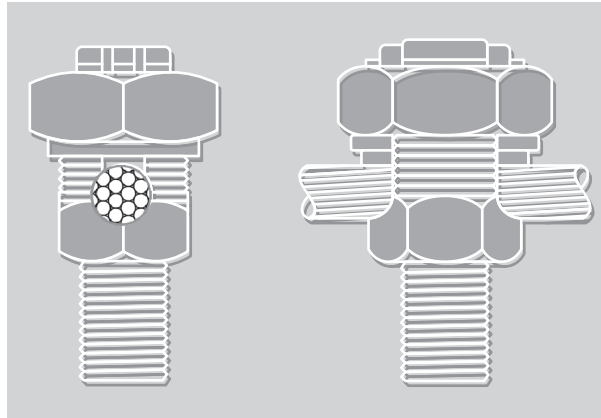
CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Uno o Dos Conductores a una Superficie Plana • One or Two cables to Surface

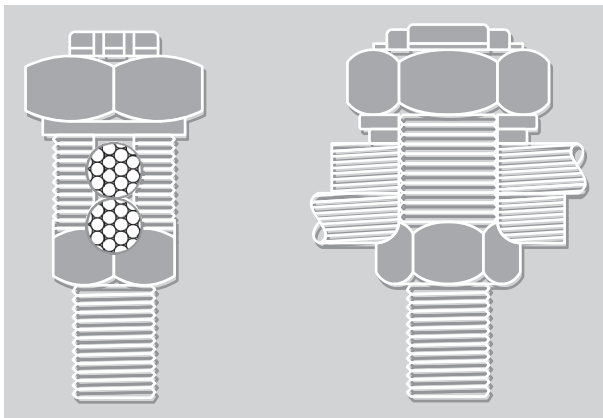


TIPO
SG2 TKC
SG2 TK2C

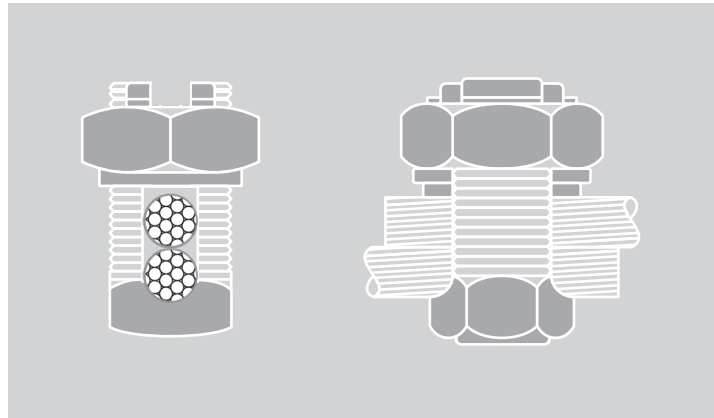
SG2 TKC



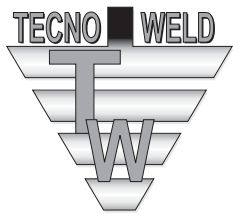
SG2 TK2C



SG2 TK2F



CABLE GAUGE	UN CABLE ONE CONDUCTOR	DOS CABLES TWO CONDUCTORS	DOS CABLES TWO CONDUCTORS
10 - 7 AWG	SG2 TKC 17	SG2 TK2C 17	SG2 TK2F 17
10 - 5	SG2 TKC 20	SG2 TK2C 20	SG2 TK2F 20
10 - 3	SG2 TKC 22	SG2 TK2C 22	SG2 TK2F 22
8 - 2	SG2 TKC 23	SG2 TK2C 23	SG2 TK2F 23
2 - 1/0	SG2 TKC 25	SG2 TK2C 25	SG2 TK2F 25
2 - 2/0	SG2 TKC 26	SG2 TK2C 26	SG2 TK2F 26
1 - 4/0	SG2 TKC 28	SG2 TK2C 28	SG2 TK2F 28
1 - 350 MCM	SG2 TKC 31	SG2 TK2C 31	SG2 TK2F 31



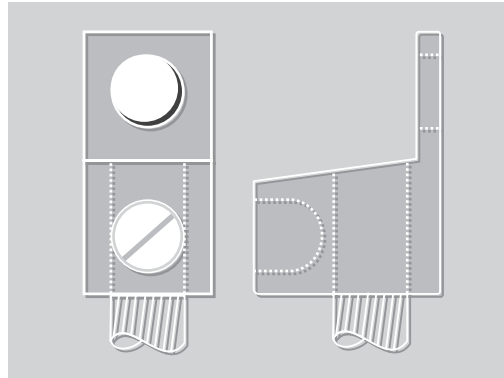
TIPO
SG2 TQA
SG2 TQ2A

MALLAS A TIERRA • GROUNDING SYSTEMS

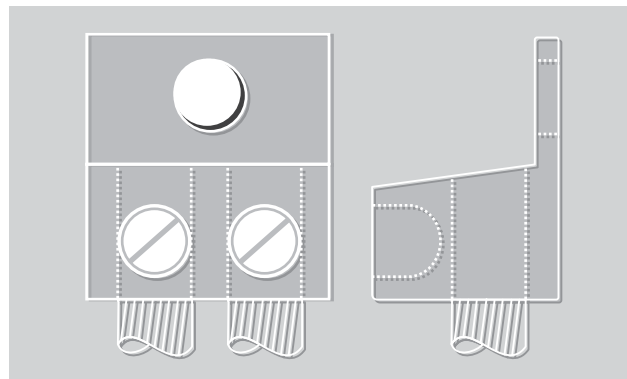
CABLE A SUPERFICIE PLANA • CABLE TO FLAT SURFACE

Un Conductor a una Superficie Plana o Barraje, Uno o Dos Tornillos
One Cable to a Flat Surface or Bus Bar, One or Two Bolts

SG2 TQA



SG2 TQ2A



CABLE GAUGE	UN TORNILLO ONE BOLT	DOS TORNILLOS TWO BOLTS
14 - 8	SG2 TQA 8C	SG2 TQ2A 8C
8 - 4	SG2 TQA 4C	SG2 TQ2A 4C
4 - 1	SG2 TQA 1C	SG2 TQ2A 1C
1/0 - 2/0	SG2 TQA 26	SG2 TQ2A 26
3/0 - 4/0	SG2 TQA 28	SG2 TQ2A 28

MALLAS A TIERRA • GROUNDING SYSTEMS

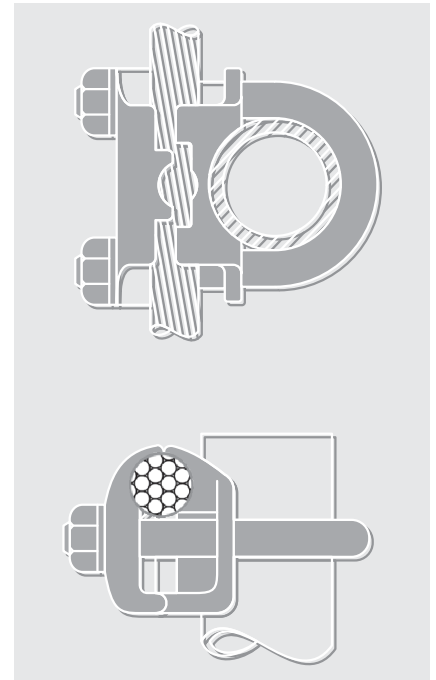
CABLE A TUBO • CABLE TO CONDUIT PIPE

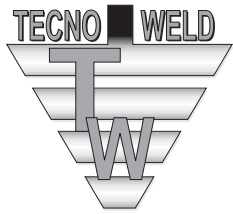
Un Conductor Perpendicular o Paralelo a Tubo o Varilla
One Cable Parallel or Perpendicular to a Pipe or Ground Rod



TUBO PIPE	VARILLA ROD	CABLES GAUGES	REFERENCIA REFERENCE
3/8"	5/8" - 3/4"	8 - 4	SG2 TGAR 644C
		4 - 2/0	SG2 TGAR 6426
		2/0 - 250	SG2 TGAR 6429
		300 - 500	SG2 TGAR 6434
1/2" - 3/4"		8 - 4	SG2 TGAR 144C
		4 - 2/0	SG2 TGAR 1426
		2/0 - 250	SG2 TGAR 1429
		300 - 500	SG2 TGAR 1434
1"		8 - 4	SG2 TGAR 154C
		4 - 2/0	SG2 TGAR 1526
		2/0 - 250	SG2 TGAR 1529
		300 - 500	SG2 TGAR 1534
1 1/4"		8 - 4	SG2 TGAR 164C
		4 2/0	SG2 TGAR 1626
		2/0 - 250	SG2 TGAR 1629
		300 - 500	SG2 TGAR 1634
1 1/2"		8 - 4	SG2 TGAR 174C
		4 - 2/0	SG2 TGAR 1726
		2/0 - 250	SG2 TGAR 1729
		300 - 500	SG2 TGAR 1734
2"		4 - 2/0	SG2 TGAR 1826
		2/0 - 250	SG2 TGAR 1829
		300 - 500	SG2 TGAR 1834
		4 - 2/0	SG2 TGAR 1926
2 1/2"		2/0 - 250	SG2 TGAR 1929
		300 - 500	SG2 TGAR 1934
		4 - 2/0	SG2 TGAR 2026
		2/0 - 250	SG2 TGAR 2029
3"		300 - 500	SG2 TGAR 2034
		550 - 750	SG2 TGAR 2039
		4 - 2/0	SG2 TGAR 2126
		2/0 - 250	SG2 TGAR 2129
3 1/2"		300 - 500	SG2 TGAR 2134
		550 - 750	SG2 TGAR 2139
		4 - 2/0	SG2 TGAR 2226
		2/0 - 250	SG2 TGAR 2229
4"		300 - 500	SG2 TGAR 2234
		550 - 750	SG2 TGAR 2239

SG2 TGAR





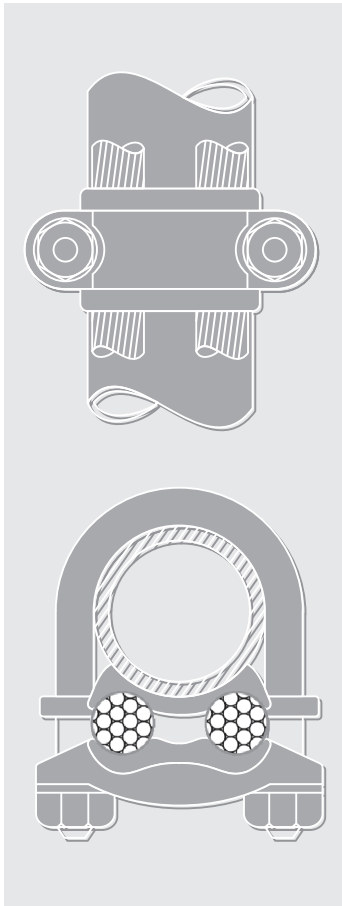
TIPO SG2 TGD

MALLAS A TIERRA • GROUNDING SYSTEMS

CABLE A TUBO • CABLE TO CONDUIT PIPE

Dos Conductores Paralelos a Tubo o Varilla
Two Cables Parallel to a Pipe or Ground Rod

SG2 TGD

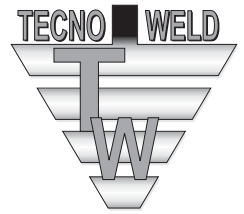


TUBO PIPE	VARILLA ROD	CABLES GAUGES	REFERENCIA REFERENCE
3/8"	5/8" - 3/4"	8 - 4	SG2 TGD 644C
		4 - 2/0	SG2 TGD 6426
		2/0 - 250	SG2 TGD 6429
		300 - 500	SG2 TGD 6434
		8 - 4	SG2 TGD 144C
1/2" - 3/4"		4 - 2/0	SG2 TGD 1426
		2/0 - 250	SG2 TGD 1429
		300 - 500	SG2 TGD 1434
		8 - 4	SG2 TGD 154C
		4 - 2/0	SG2 TGD 1526
1"		2/0 - 250	SG2 TGD 1529
		300 - 500	SG2 TGD 1534
		8 - 4	SG2 TGD 164C
		4 2/0	SG2 TGD 1626
		2/0 - 250	SG2 TGD 1629
1 1/4"		300 - 500	SG2 TGD 1634
		8 - 4	SG2 TGD 174C
		4 - 2/0	SG2 TGD 1726
		2/0 - 250	SG2 TGD 1729
		300 - 500	SG2 TGD 1734
1 1/2"		4 - 2/0	SG2 TGD 1826
		2/0 - 250	SG2 TGD 1829
		300 - 500	SG2 TGD 1834
		4 - 2/0	SG2 TGD 1926
		2/0 - 250	SG2 TGD 1929
2"		300 - 500	SG2 TGD 1934
		4 - 2/0	SG2 TGD 2026
		2/0 - 250	SG2 TGD 2029
		300 - 500	SG2 TGD 2034
		550 - 750	SG2 TGD 2039
2 1/2"		4 - 2/0	SG2 TGD 2126
		2/0 - 250	SG2 TGD 2129
		300 - 500	SG2 TGD 2134
		550 - 750	SG2 TGD 2139
		4 - 2/0	SG2 TGD 2226
3"		2/0 - 250	SG2 TGD 2229
		300 - 500	SG2 TGD 2234
		550 - 750	SG2 TGD 2239
		4 - 2/0	SG2 TGD 2226
		2/0 - 250	SG2 TGD 2229
3 1/2"		300 - 500	SG2 TGD 2234
		550 - 750	SG2 TGD 2239
		4 - 2/0	SG2 TGD 2226
		2/0 - 250	SG2 TGD 2229
		300 - 500	SG2 TGD 2234
4"		550 - 750	SG2 TGD 2239
		4 - 2/0	SG2 TGD 2226
		2/0 - 250	SG2 TGD 2229
		300 - 500	SG2 TGD 2234
		550 - 750	SG2 TGD 2239

MALLAS A TIERRA • GROUNDING SYSTEMS

CABLE A TUBO • CABLE TO CONDUIT PIPE

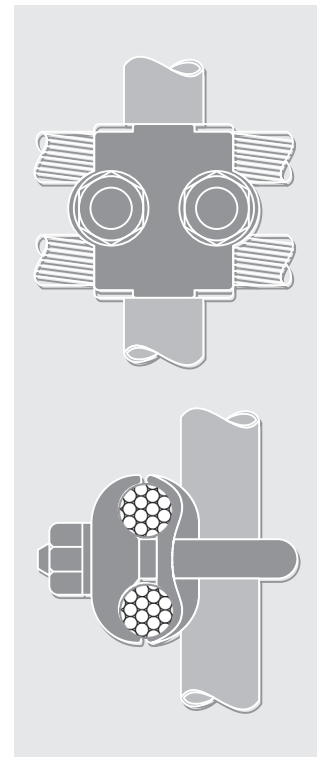
Dos Conductores Perpendiculares a Tubo o Varilla
Two Cables Perpendicular to a Pipe or Ground Rod

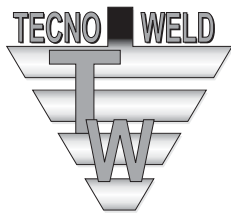


**TIPO
SG2 TGP**

TUBO PIPE	VARILLA ROD	CABLES GAUGES	REFERENCIA REFERENCE
3/8"	5/8" - 3/4"	8 - 4	SG2 TGP 644C
		4 - 2/0	SG2 TGP 6426
		2/0 - 250	SG2 TGP 6429
		300 - 500	SG2 TGP 6434
1/2" - 3/4"		8 - 4	SG2 TGP 144C
		4 - 2/0	SG2 TGP 1426
		2/0 - 250	SG2 TGP 1429
		300 - 500	SG2 TGP 1434
1"		8 - 4	SG2 TGP 154C
		4 - 2/0	SG2 TGP 1526
		2/0 - 250	SG2 TGP 1529
		300 - 500	SG2 TGP 1534
1 1/4"		8 - 4	SG2 TGP 164C
		4 2/0	SG2 TGP 1626
		2/0 - 250	SG2 TGP 1629
		300 - 500	SG2 TGP 1634
1 1/2"		8 - 4	SG2 TGP 174C
		4 - 2/0	SG2 TGP 1726
		2/0 - 250	SG2 TGP 1729
		300 - 500	SG2 TGP 1734
2"		4 - 2/0	SG2 TGP 1826
		2/0 - 250	SG2 TGP 1829
		300 - 500	SG2 TGP 1834
		4 - 2/0	SG2 TGP 1926
2 1/2"		2/0 - 250	SG2 TGP 1929
		300 - 500	SG2 TGP 1934
		4 - 2/0	SG2 TGP 2026
		2/0 - 250	SG2 TGP 2029
3"		300 - 500	SG2 TGP 2034
		550 - 750	SG2 TGP 2039
		4 - 2/0	SG2 TGP 2126
		2/0 - 250	SG2 TGP 2129
3 1/2"		300 - 500	SG2 TGP 2134
		550 - 750	SG2 TGP 2139
		4 - 2/0	SG2 TGP 2226
		2/0 - 250	SG2 TGP 2229
4"		300 - 500	SG2 TGP 2234
		550 - 750	SG2 TGP 2239

SG2 TGP





MALLAS A TIERRA • GROUNDING SYSTEMS

AIRCRAFT GROUNDING RECEPTABLE

TIPO IG2



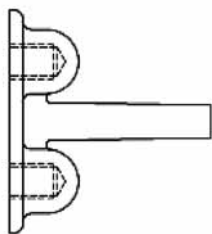
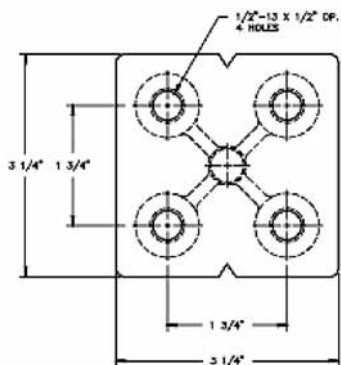
IG2 38119 00

CONECTOR PARA PUESTA A TIERRA DE AERONAVES Y CARROTANQUES

El conector para puesta a tierra de aeronaves y carro tanques es un elemento fabricado en fundición de cobre usado para llevar a tierra la carga estática presente en áreas de manejo de combustible. Una vez instalado se adapta al nivel de la superficie de montaje. Provee un conexión permanente para carga estática, a prueba de corrosión. Puede conectarse fácilmente a cable o varillas de puesta a tierra en diferentes configuraciones utilizando un molde TECNOWELD apropiado.

AIRCRAFT GROUNDING RECEPTACLE

Aircraft Grounding Receptacle is a copper alloy casting used for static grounding in aircraft refueling areas. The receptacle, when installed, is flush with the airport apron surface and provides a permanent, corrosion-proof static grounding connection. It can easily be attached to copper cable or ground rods in several configurations with a suitable TECOWED mold.

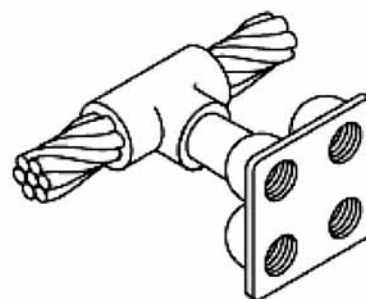
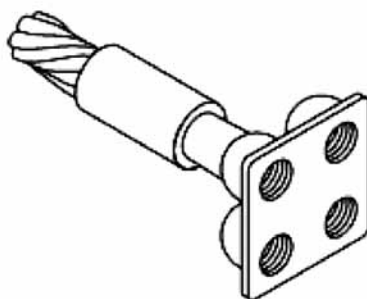
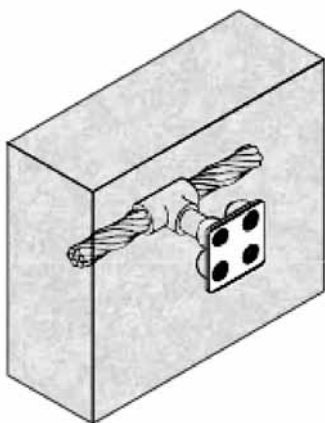


CONECTOR TIPO PLATO

En el caso de estructuras de concreto, este conector permite puntos de conexión para equipos, maquinaria, etc. Son fabricados en aleación de cobre de alta calidad y pueden ser soldados fácilmente a cable de cobre.

GROUND PLATES

When cast into concrete structures, these offer grounding points for equipment, machinery, etc. They are made from high quality copper alloy and can be welded easily to copper cable.



IG2 T38 3051 00

MALLAS A TIERRA • GROUNDING SYSTEMS

VARILLAS DE PUESTA A TIERRA • ACCESSORIES



Varilla tipo Copperweld / Electrolíticas
Excede los requerimientos de la Norma UL 467
Varillas fabricadas con alma de acero y recubrimiento
electrolítico de cobre, espesor mínimo 254 μ m (10 mils)
Diámetro Nominal 5/8" (14.3 mm)
Diámetro Nominal 3/4" (19 mm)

Copperweld type rod/electrolytic
Exceed UL 467 Standard requirements
Steel core rods with 254 μ m (10 mils) minimum
electrolytic coating of copper
Nominal Diameter 5/8" (14.3 mm)
Nominal Diameter 3/4" (19 mm)



LG3V5808-UL VARILLA DE 5/8" X 2.4 MTS.
LG3V5810-UL VARILLA DE 5/8" X 3.0 MTS.
LG3V3410-UL VARILLA DE 3/4" X 3.0 MTS.

LG3V5808-UL 5/8" X 8' ROD
LG3V5810-UL 5/8" X 10' ROD
LG3V3410-UL 3/4" X 10' ROD

Varilla de Cobre maciso
Fabricadas bajo la norma ICONTEC 2206 y ANSI UL 467.
Manufacturadas en cobre refinado de alta conductividad
garantizando una perfecta conducción a tierra de
descargas eléctricas naturales o inducidas.
Diámetro nominal 5/8" (14,3 mm)

Copper Rod
Manufactured under ICONTEC Standard 2206 ANSI UL 467
Manufactured from high conductivity refined copper
guaranteeing a perfect grounding conduction
of natural or induced electrical discharges
Nominal diameter 5/8" (14,3 mm)

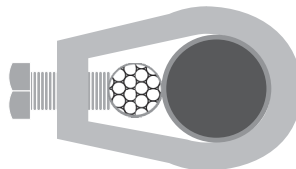


LG3V5808-CU VARILLA DE 5/8" X 2.4 MTS
LG3V5810-CU VARILLA DE 5/8" X 3.0 MTS
LG3V3408-CU VARILLA DE 3/4" X 2.4 MTS
LG3V3410-CU VARILLA DE 3/4" X 3.0 MTS.

LG3V5808-CU 5/8" X 8' ROD .
LG3V5810-CU 5/8" X 10' ROD.
LG3V3408-CU 3/4" X 8' ROD .
LG3V3410-CU 3/4" X 10' ROD

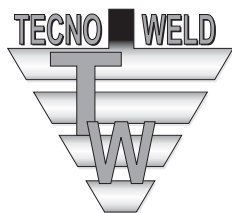
ACCESORIOS • ACCESSORIES

Conectores Mecánicos en Cobre / Para conexión a varilla cooper weld
Copper Mechanical Connectors / For connection to copper weld rod



LG4 CV5/8 Conector tipo ojo 5/8" a Cable 2/0 AWG
LG4 CV34 Conector tipo ojo 3/4" a Cable 2/0 AWG

LG4 CV5/8 5/8" to 2/0 AWG Cable, eyelet type connector
LG4 CV34 3/4" to 2/0 AWG Cable, eyelet type connector

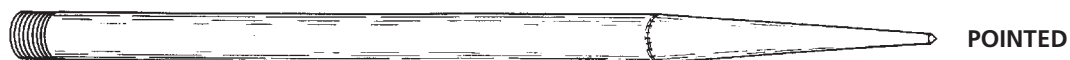


**TIPO
IG8C**

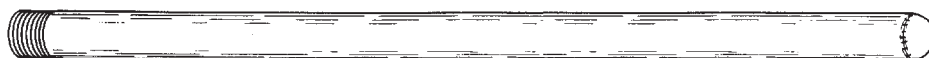
SISTEMAS DE PROTECCION CONTRA RAYOS Y JAULAS DE FARADAY

LIGHTNING PROTECTION SYSTEMS

Puntas Captadora • Air Terminals

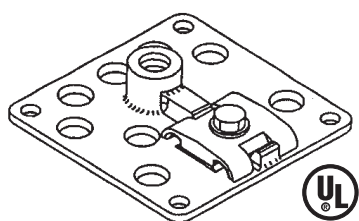


POINTED

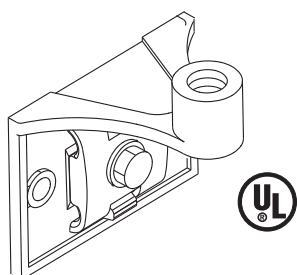


SAFETY
TIP*

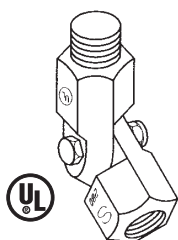
	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
PUNTA CAPTADORA, 5/8" X 60 cms, Extremo redondeado (LIGHTNING ROD POINT, 5/8" X 24", Blunt Tip)	ILPC245ST Recubrimiento Niquel	ILPA245ST



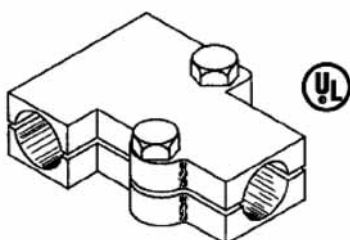
	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
BASE HORIZONTAL PARA PUNTA CAPTADORA 5/8" Horizontal or Flat Sur faceP oint Base 5/8"	ILPC30958	ILPA30958



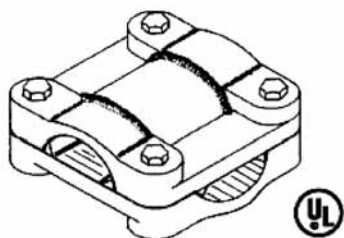
	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
RODILLA NIVELADORA H-M PARA PUNTA CAPTADORA 5/8" Adjustable (Swivel) Point Adapter	ILPC2855F5M	ILPA2855F5M



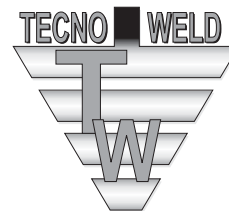
	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
BASE VERTICAL PARA PUNTA CAPTADORA 5/8" Vertical Surface Point Base 5/8"	ILPC31958	ILPA31958



	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
CONECTOR DE COBRE EN T Tee Cable Splicer	IG8C-304	ILPA595

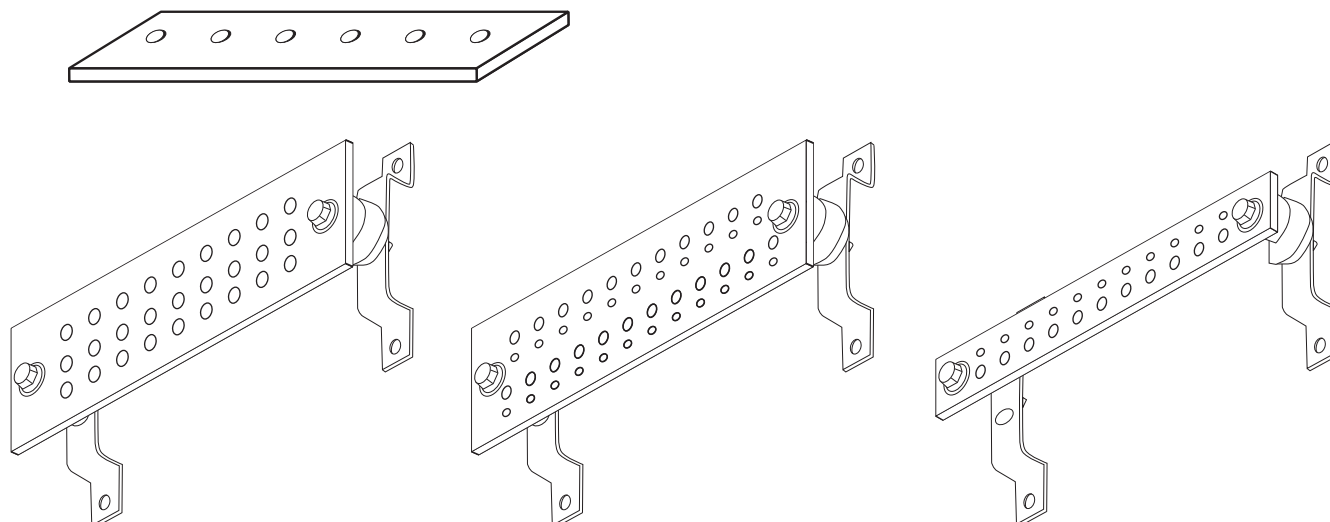


	COBRE	ALUMINIO
DESCRIPCION	REFERENCIA	REFERENCIA
CONECTOR DE COBRE EN X Cross cable Connector	IG8C-119	ILPA510



**TIPO
LGX**

DESCRIPCION DESCRIPTION	REFERENCIA REFERENCE COBRE	REFERENCIA REFERENCE ESTAÑO
1-1/2" X 1/4"		
Platina de CU Largo 300 mm Ancho X 1-1/2" Espesor X 1/4"	LGX3003806	LGX3003806E
Platina de CU Largo 400 mm Ancho X 1-1/2" Espesor X 1/4"	LGX4003806	LGX4003806E
Platina de CU Largo 500 mm Ancho X 1-1/2" Espesor X 1/4"	LGX5003806	LGX5003806E
Platina de CU Largo 600 mm Ancho X 1-1/2" Espesor X 1/4"	LGX6003806	LGX6003806E
2" X 1/4"		
Platina de CU Largo 300 mm Ancho X 2" Espesor X 1/4"	LGX3005006	LGX3005006E
Platina de CU Largo 400 mm Ancho X 2" Espesor X 1/4"	LGX4005006	LGX4005006E
Platina de CU Largo 500 mm Ancho X 2" Espesor X 1/4"	LGX5005006	LGX5005006E
Platina de CU Largo 600 mm Ancho X 2" Espesor X 1/4"	LGX6005006	LGX6005006E
3" X 1/4"		
Platina de CU Largo 300 mm Ancho X 3" Espesor X 1/4"	LGX3007506	LGX3007506E
Platina de CU Largo 400 mm Ancho X 3" Espesor X 1/4"	LGX4007506	LGX4007506E
Platina de CU Largo 500 mm Ancho X 3" Espesor X 1/4"	LGX5007506	LGX5007506E
Platina de CU Largo 600 mm Ancho X 3" Espesor X 1/4"	LGX6007506	LGX6007506E
4" X 1/4"		
Platina de CU Largo 300 mm Ancho X 4" Espesor X 1/4"	LGX30010006	LGX30010006E
Platina de CU Largo 400 mm Ancho X 4" Espesor X 1/4"	LGX40010006	LGX40010006E
Platina de CU Largo 500 mm Ancho X 4" Espesor X 1/4"	LGX50010006	LGX50010006E
Platina de CU Largo 600 mm Ancho X 4" Espesor X 1/4"	LGX60010006	LGX60010006E



Otros tamaños y perforaciones según requerimiento

CRUCE DE REFERENCIAS

CROSS REFERENCE

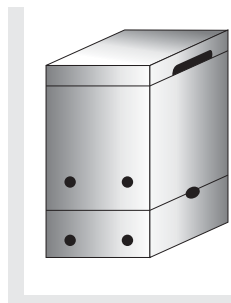
REFERENCIAS CRUZADAS • CROSS REFERENCE



ACCESORIOS TUBERIA/CONDUIT FITTINGS • MALLAS A TIERRA/GROUNDING NETWORKS

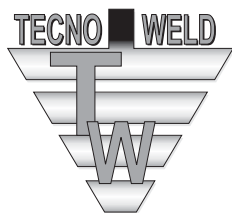
TECNO WELD	THERMOWELD	CADWELD
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SG1 TN 100	M - 100	-
SG1 TN 101	M - 101	-
SG1 TN 102	M - 102	-
SG1 TN 103	M - 103	-
SG1 TN 104	M - 104	-
SG1 TN 105	M - 105	-
SG1 TN 200	M - 200	SSC - 1
SG1 TN 201	M - 201	SSC - 1
SG1 TN 202	M - 202	SSC - 1
SG1 TN 203	M - 203	SSC - 1
SG1 TN 204	M - 204	SSC - 1
SG1 TN 205	M - 205	SSC - 2
SG1 TN 206	M - 206	SSC - 2
SG1 TN 207	M - 207	SSC - 2
SG1 TN 208	M - 208	SSC - 2
SG1 TN 209	M - 209	SSC - 2
SG1 TN 210	M - 210	SSC - 3
SG1 TN 211	M - 211	SSC - 3
SG1 TN 213	M - 213	SSC - 3
SG1 TN 214	M - 214	SSC - 4
SG1 TN 215	M - 215	SSC - 4
SG1 TN 221	M - 221	TAC1L
SG1 TN 222	M - 222	TAC - 1
SG1 TN 223	M - 223	TAC - 1
SG1 TN 224	M - 224	TAC - 1
SG1 TN 225	M - 225	TAC - 1
SG1 TN 226	M - 226	TAC - 1
SG1 TN 227	M - 227	TAC - 1
SG1 TN 228	M - 228	TAC - 2
SG1 TN 229	M - 229	TAC - 2
SG1 TN 230	M - 230	TAC - 2
SG1 TN 231	M - 231	TAC - 2
SG1 TN 232	M - 232	TAC - 2
SG1 TN 233	M - 233	TAC - 2
SG1 TN 234	M - 234	TAC - 2
SG1 TN 235	M - 235	TAC - 2
SG1 TN 236	M - 236	TAC - 2
SG1 TN 237	M - 237	TAC - 2
SG1 TN 238	M - 238	TAC - 2
SG1 TN 239	M - 239	TAC - 2
SG1 TN 240	M - 240	TAC - 2
SG1 TN 241	M - 241	TAC - 2
SG1 TN 242	M - 242	TAC - 2
SG1 TN 243	M - 243	TAC - 2
SG1 TN 244	M - 244	TAC - 2
SG1 TN 245	M - 245	TAC - 2



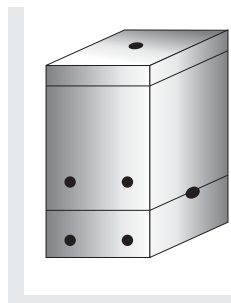
TECNO WELD	THERMOWELD	CADWELD
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SG1 TN 246	M - 246	TAC - 2
SG1 TN 247	M - 247	TAC - 2
SG1 TN 248	M - 248	TAC - 2
SG1 TN 249	M - 249	TAC - 2
SG1 TN 250	M - 250	TAC - 2
SG1 TN 251	M - 251	TAC - 2
SG1 TN 252	M - 252	TAC - 2
SG1 TN 253	M - 253	TAC - 2
SG1 TN 254	M - 254	TAC - 3
SG1 TN 255	M - 255	TAC - 3
SG1 TN 256	M - 256	TAC - 3
SG1 TN 257	M - 257	TAC - 3
SG1 TN 258	M - 258	TAC - 3
SG1 TN 259	M - 259	TAC - 3
SG1 TN 260	M - 260	TAC - 3
SG1 TN 261	M - 261	TAC - 3
SG1 TN 262	M - 262	TAD - 3
SG1 TN 263	M - 263	TAD - 3
SG1 TN 264	M - 264	TAD - 3
SG1 TN 265	M - 265	TAC - 3
SG1 TN 266	M - 266	TAC - 3
SG1 TN 267	M - 267	TAC - 3
SG1 TN 268	M - 268	TAC - 3
SG1 TN 269	M - 269	TAC - 3
SG1 TN 270	M - 270	TAC - 3
SG1 TN 280	M - 280	TAC - 3
SG1 TN 282	M - 282	TAC - 3
SG1 TN 283	M - 283	TAC - 3
SG1 TN 284	M - 284	TAC - 3
SG1 TN 285	M - 285	TAC - 3
SG1 TN 286	M - 286	TAC - 3
SG1 TN 287	M - 287	TAC - 3
SG1 TN 288	M - 288	TAC - 3
SG1 TN 289	M - 289	TAC - 3
SG1 TN 290	M - 290	TAD - 4
SG1 TN 291	M - 291	TAD - 4
SG1 TN 293	M - 293	TAC - 4
SG1 TN 294	M - 294	TAC - 4
SG1 TN 295	M - 295	TAC - 4
SG1 TN 296	M - 296	TAC - 4



REFERENCIAS CRUZADAS • CROSS REFERENCE

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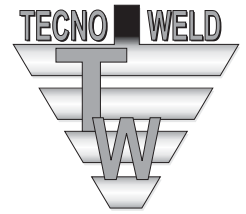


TECNO WELD	THERMOWELD	CADWELD
SG1 TN 297	M - 297	TAC - 4
SG1 TN 298	M - 298	TAC - 4
SG1 TN 299	M - 299	TAD - 4
SG1 TN 300	M - 300	TAD - 4
SG1 TN 301	M - 301	TAD - 4
SG1 TN 303	M - 303	TAD - 4
SG1 TN 304	M - 304	TAD - 4
SG1 TN 305	M - 305	TAD - 4
SG1 TN 306	M - 306	TAC - 4
SG1 TN 307	M - 307	TAC - 4
SG1 TN 308	M - 308	TAC - 4
SG1 TN 423	M - 423	XAC - 1
SG1 TN 424	M - 424	XAC - 1
SG1 TN 425	M - 425	XAC - 1
SG1 TN 426	M - 426	XAC - 1
SG1 TN 427	M - 427	XAC - 1
SG1 TN 428	M - 428	XAC - 1
SG1 TN 429	M - 429	XAC - 1
SG1 TN 430	M - 430	XAC - 2
SG1 TN 431	M - 431	XAC - 2
SG1 TN 432	M - 432	XAC - 2
SG1 TN 433	M - 433	XAC - 2
SG1 TN 434	M - 434	XAC - 2
SG1 TN 435	M - 435	XAC - 2
SG1 TN 436	M - 436	XAC - 2
SG1 TN 437	M - 437	XAC - 2
SG1 TN 438	M - 438	XAC - 2
SG1 TN 439	M - 439	XAC - 2
SG1 TN 440	M - 440	XAC - 2
SG1 TN 441	M - 441	XAC - 2
SG1 TN 442	M - 442	XAC - 2
SG1 TN 443	M - 443	XAC - 2
SG1 TN 444	M - 444	XAC - 2
SG1 TN 445	M - 445	XAC - 2
SG1 TN 446	M - 446	XAC - 2
SG1 TN 447	M - 447	XAC - 2
SG1 TN 448	M - 448	XAC - 2
SG1 TN 449	M - 449	XAC - 2
SG1 TN 450	M - 450	XAC - 2
SG1 TN 451	M - 451	XAC - 2
SG1 TN 452	M - 452	XAC - 2
SG1 TN 453	M - 453	XAC - 2
SG1 TN 454	M - 454	XAC - 2
SG1 TN 455	M - 455	XAC - 2
SG1 TN 456	M - 456	XAC - 3
SG1 TN 457	M - 457	XAC - 3
SG1 TN 458	M - 458	XAC - 3
SG1 TN 459	M - 459	XAC - 3
SG1 TN 460	M - 460	XAC - 3
SG1 TN 461	M - 461	XAC - 3
SG1 TN 462	M - 462	XAC - 3
SG1 TN 463	M - 463	XAC - 3
SG1 TN 464	M - 464	XAC - 3
SG1 TN 465	M - 465	XAC - 3

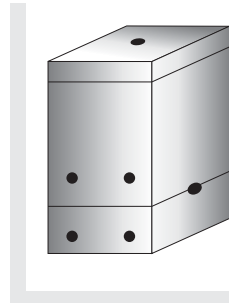
TECNO WELD	THERMOWELD	CADWELD
SG1 TN 466	M - 466	XAC - 3
SG1 TN 467	M - 467	XAC - 3
SG1 TN 468	M - 468	XAC - 3
SG1 TN 469	M - 469	XAC - 3
SG1 TN 470	M - 470	XAC - 3
SG1 TN 471	M - 471	XAC - 3
SG1 TN 472	M - 472	XAC - 3
SG1 TN 483	M - 483	XAD - 3
SG1 TN 485	M - 485	XAD - 3
SG1 TN 486	M - 486	XAD - 3
SG1 TN 487	M - 487	XAD - 3
SG1 TN 488	M - 488	XAD - 3
SG1 TN 489	M - 489	XAD - 3
SG1 TN 490	M - 490	XAC - 3
SG1 TN 491	M - 491	XAC - 3
SG1 TN 492	M - 492	XAC - 3
SG1 TN 493	M - 493	XAC - 3
SG1 TN 495	M - 495	GRC - 1
SG1 TN 496	M - 496	GRC - 1
SG1 TN 497	M - 497	GRC - 1
SG1 TN 498	M - 498	GRC - 1
SG1 TN 499	M - 499	GRC - 1
SG1 TN 500	M - 500	GRC - 1
SG1 TN 501	M - 501	GRC - 1
SG1 TN 502	M - 502	GRC - 1
SG1 TN 503	M - 503	GRC - 1
SG1 TN 504	M - 504	GRC - 1
SG1 TN 505	M - 505	GRC - 1
SG1 TN 506	M - 506	GRC - 1
SG1 TN 507	M - 507	GRC - 1
SG1 TN 508	M - 508	GRC - 1
SG1 TN 509	M - 509	GRC - 1
SG1 TN 510	M - 510	GRC - 1
SG1 TN 511	M - 511	GRC - 1
SG1 TN 513	M - 513	GRC - 1
SG1 TN 514	M - 514	GRC - 1
SG1 TN 515	M - 515	GRC - 1
SG1 TN 516	M - 516	GRC - 1
SG1 TN 517	M - 517	GRC - 1
SG1 TN 518	M - 518	GRC - 1
SG1 TN 519	M - 519	GRC - 1
SG1 TN 520	M - 520	GRC - 1
SG1 TN 521	M - 521	GRC - 1
SG1 TN 523	M - 523	GRC - 1
SG1 TN 524	M - 524	GRD - 1
SG1 TN 525	M - 525	GRD - 2
SG1 TN 526	M - 526	GRD - 2
SG1 TN 527	M - 527	GRD - 2
SG1 TN 528	M - 528	GRD - 2
SG1 TN 529	M - 529	GRD - 2
SG1 TN 530	M - 530	GRD - 2
SG1 TN 531	M - 531	GRD - 2
Sg1 TN 533	M - 533	GRD - 2
SG1 TN 534	M - 534	GRD - 2

REFERENCIAS CRUZADAS • CROSS REFERENCE

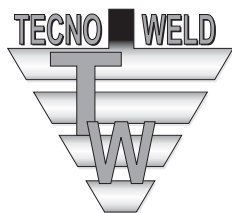
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TECNO WELD	THERMOWELD	CADWELD
SG1 TN 535	M - 535	GRD - 2
SG1 TN 537	M - 537	GTC - 1
SG1 TN 538	M - 538	GTC - 1
SG1 TN 539	M - 539	GTC - 1
SG1 TN 540	M - 540	GTC - 1
SG1 TN 541	M - 541	GTC - 1
SG1 TN 542	M - 542	GTC - 1
SG1 TN 543	M - 543	GTC - 1
SG1 TN 544	M - 544	GTD - 1
SG1 TN 545	M - 545	GTC - 1
SG1 TN 546	M - 546	GTC - 1
SG1 TN 547	M - 547	GTC - 1
SG1 TN 548	M - 548	GTC - 1
SG1 TN 549	M - 549	GTC - 1
SG1 TN 550	M - 550	GTC - 1
SG1 TN 551	M - 551	GTC - 1
SG1 TN 552	M - 552	GTC - 1
SG1 TN 553	M - 553	GTC - 1
SG1 TN 555	M - 555	GTC - 1
SG1 TN 556	M - 556	GTC - 1
SG1 TN 557	M - 557	GTC - 1
SG1 TN 558	M - 558	GTC - 1
SG1 TN 559	M - 559	GTC - 1
SG1 TN 560	M - 560	GTC - 1
SG1 TN 561	M - 561	GTC - 1
SG1 TN 562	M - 562	GTC - 1
SG1 TN 563	M - 563	GTD - 1
SG1 TN 564	M - 564	GTD - 1
SG1 TN 566	M - 566	GTD - 1
SG1 TN 567	M - 567	GTD - 1
SG1 TN 569	M - 569	GTC - 2
SG1 TN 570	M - 570	GTC - 2
SG1 TN 571	M - 571	GTC - 2
SG1 TN 572	M - 572	GTC - 2
SG1 TN 573	M - 573	GTD - 2
SG1 TN 574	M - 574	GTD - 2
SG1 TN 575	M - 575	GTD - 2
SG1 TN 577	M - 577	GTD - 2
SG1 TN 578	M - 578	GTD - 2
SG1 TN 579	M - 579	GTF - 2
SG1 TN 581	M - 581 - T	GBC - 1
SG1 TN 582	M - 582	GBD - 1
SG1 TN 583	M - 583	GBD - 1
SG1 TN 584	M - 584	GBD - 2
SG1 TN 585	M - 585	VSC - 1
SG1 TN 586	M - 586	VSC - 1
SG1 TN 587	M - 587	VSC - 1
SG1 TN 588	M - 588	VSC - 1
SG1 TN 589	M - 589	VSC - 1
SG1 TN 590	M - 590	VSC - 2
SG1 TN 591	M - 591	VSC - 2
SG1 TN 592	M - 592	VSC - 2
SG1 TN 593	M - 593	VSC - 2
SG1 TN 594	M - 594	VSC - 2

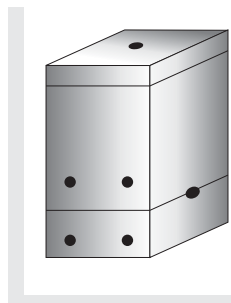


TECNO WELD	THERMOWELD	CADWELD
SG1 TN 595	M - 595	VSC - 3
SG1 TN 596	M - 596	VSC - 3
SG1 TN 598	M - 598	VSC - 3
SG1 TN 599	M - 599	VSD - 4
SG1 TN 600	M - 600	VSD - 4
SG1 TN 602	M - 602	HCA - 1
SG1 TN 603	M - 603	HCA - 1
SG1 TN 604	M - 604	HCA - 1
SG1 TN 628	M - 628	HAA - 1
SG1 TN 629	M - 629	HAA - 1
SG1 TN 630	M - 630	HAA - 1
SG1 TN 631	M - 631	HAA - Y
SG1 TN 971	M - 971	LAC - 1
SG1 TN 975	M - 975	LAC - 1
SG1 TN 977	M - 977	LAC - 1
SG1 TN 978	M - 978	LAC - 2
SG1 TN 979	M - 979	LAC - 2
SG1 TN 980	M - 980	LAC - 2
SG1 TN 981	M - 981	LAC - 2
SG1 TN 982	M - 982	LAC - 2
SG1 TN 983	M - 983	LAC - 2
SG1 TN 984	M - 984	LAC - 2
SG1 TN 985	M - 985	LAC - 2
SG1 TN 987	M - 987	LAC - 2
SG1 TN 988	M - 988	LAC - 2
SG1 TN 990	M - 990	LAC - 2
SG1 TN 991	M - 991	LAC - 3
SG1 TN 993	M - 993	LAC - 3
SG1 TN 994	M - 994	LAC - 3
SG1 TN 996	M - 996	LAC - 3
SG1 TN 1001	M - 1001	LAC - 3
SG1 TN 1002	M - 1002	LAC - 3
SG1 TN 1004	M - 1004	LAC - 3
SG1 TN 1006	M - 1006	LAD - 4
SG1 TN 1007	M - 1007	LAD - 4
SG1 TN 1008	M - 1008	LAD - 4
SG1 TN 1009	M - 1009	LAD - 4
SG1 TN 1011	M - 1011	LAD - 4
SG1 TN 1215	M - 1215	VVC - 1
SG1 TN 1216	M - 1216	VVC - 1
SG1 TN 1217	M - 1217	VVC - 1
SG1 TN 1218	M - 1218	VVC - 1
SG1 TN 1219	M - 1219	VVC - 1
SG1 TN 1220	M - 1220	VVR - 2
SG1 TN 1221	M - 1221	VVR - 2
SG1 TN 1222	M - 1222	VVR - 2
SG1 TN 1223	M - 1223	VVR - 2
SG1 TN 1224	M - 1224	VVR - 2
SG1 TN 1225-H	M - 1225-H	HD - VV
SG1 TN 1226-H	M - 1226-H	HD - VV
SG1 TN 1228-H	M - 1228-H	HD - VV
SG1 TN 1271	M - 1271	PCC - 1
SG1 TN 1272	M - 1272	PCC - 1
SG1 TN 1273	M - 1273	PCC - 1



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TECNO WELD	THERMOWELD	CADWELD
SG1 TN 1276	M - 1276	PCC - 1
SG1 TN 1277	M - 1277	PCC - 1
SG1 TN 1278	M - 1278	PCC - 1
SG1 TN 1282	M - 1282	PCC - 1
SG1 TN 1283	M - 1283	PCC - 1
SG1 TN 1284	M - 1284	PCC - 1
SG1 TN 1289	M - 1289	PCC - 2
SG1 TN 1290	M - 1290	PCC - 2
SG1 TN 1291	M - 1291	PCC - 2
SG1 TN 1297	M - 1297	PCC - 2
SG1 TN 1298	M - 1298	PCC - 2
SG1 TN 1299	M - 1299	PCC - 2
SG1 TN 1305	M - 1305	PCC - 2
SG1 TN 1306	M - 1306	PCC - 2
SG1 TN 1307	M - 1307	PCC - 2
SG1 TN 1308	M - 1308	PCC - 2
SG1 TN 1311	M - 1311	PTC - 1
SG1 TN 1312	M - 1312	PTC - 1
SG1 TN 1313	M - 1313	PTC - 1
SG1 TN 1314	M - 1314	PTC - 1
SG1 TN 1315	M - 1315	PTC - 1
SG1 TN 1316	M - 1316	PTC - 1
SG1 TN 1317	M - 1317	PTC - 1
SG1 TN 1318	M - 1318	PTC - 2
SG1 TN 1319	M - 1319	PTC - 2
SG1 TN 1320	M - 1320	PTC - 2
SG1 TN 1321	M - 1321	PTC - 2
SG1 TN 1322	M - 1322	PTC - 2
SG1 TN 1323	M - 1323	PTC - 2
SG1 TN 1324	M - 1324	PTC - 2
SG1 TN 1325	M - 1325	PTC - 2
SG1 TN 1326	M - 1326	PTC - 2
SG1 TN 1327	M - 1327	PTC - 2
SG1 TN 1328	M - 1328	PTC - 2
SG1 TN 1329	M - 1329	PTC - 2
SG1 TN 1330	M - 1330	PTC - 2
SG1 TN 1331	M - 1331	PTC - 2
SG1 TN 1332	M - 1332	PTC - 2
SG1 TN 1333	M - 1333	PTC - 2
SG1 TN 1334	M - 1334	PTC - 2
SG1 TN 1335	M - 1335	PTC - 2
SG1 TN 1336	M - 1336	PTC - 2
SG1 TN 1337	M - 1337	PTC - 2
SG1 TN 1338	M - 1338	PTD - 2
SG1 TN 1339	M - 1339	PTD - 2
SG1 TN 1340	M - 1340	PTC - 2
SG1 TN 1341	M - 1341	PTC - 2
SG1 TN 1342	M - 1342	PTC - 2
SG1 TN 1343	M - 1343	PTC - 2
SG1 TN 1344	M - 1344	PTC - 3
SG1 TN 1345	M - 1345	PTC - 3
SG1 TN 1346	M - 1346	PTC - 3
SG1 TN 1347	M - 1347	PTC - 3
SG1 TN 1348	M - 1348	PTC - 3

TECNO WELD	THERMOWELD	CADWELD
SG1 TN 1349	M - 1349	PTC - 3
SG1 TN 1350	M - 1350	PTC - 3
SG1 TN 1351	M - 1351	PTC - 3
SG1 TN 1352	M - 1352	PTD - 3
SG1 TN 1353	M - 1353	PTD - 3
SG1 TN 1354	M - 1354	PTC - 3
SG1 TN 1355	M - 1355	PTC - 3
SG1 TN 1356	M - 1356	PTC - 3
SG1 TN 1357	M - 1357	PTC - 3
SG1 TN 1358	M - 1358	PTC - 3
SG1 TN 1359	M - 1359	PTC - 3
SG1 TN 1360	M - 1360	PTC - 3
SG1 TN 1371	M - 1371	PTD - 3
SG1 TN 1373	M - 1373	PTD - 3
SG1 TN 1374	M - 1374	PTC - 3
SG1 TN 1375	M - 1375	PTC - 3
SG1 TN 1376	M - 1376	PTC - 3
SG1 TN 1377	M - 1377	PTC - 3
SG1 TN 1378	M - 1378	PTC - 3
SG1 TN 1379	M - 1379	PTC - 3
SG1 TN 1380	M - 1380	PTC - 3
SG1 TN 1381	M - 1381	PTC - 3
SG1 TN 1382	M - 1382	PTD - 4
SG1 TN 1383	M - 1383	PTD - 4
SG1 TN 1385	M - 1385	PTD - 4
SG1 TN 1386	M - 1386	PTD - 4
SG1 TN 1387	M - 1387	PTD - 4
SG1 TN 1388	M - 1388	PTC - 4
SG1 TN 1389	M - 1389	PTC - 4
SG1 TN 1390	M - 1390	PTD - 4
SG1 TN 1391	M - 1391	PTD - 4
SG1 TN 1392	M - 1392	PTD - 4
SG1 TN 1393	M - 1393	PTD - 4
SG1 TN 1395	M - 1395	PTD - 4
SG1 TN 1396	M - 1396	PTD - 4
SG1 TN 1397	M - 1397	PTD - 4
SG1 TN 1398	M - 1398	PTC - 4
SG1 TN 1399	M - 1399	PTC - 4
SG1 TN 1400	M - 1400	PTC - 4
SG1 TN 1581	M - 1581-T	GYE - 1
SG1 TN 1582	M - 1582-T	GYE - 1
SG1 TN 1583	M - 1583-T	GYE - 1
SG1 TN 1584	M - 1584-T	GYE - 1
SG1 TN 1585	M - 1585-T	GYE - 1
SG1 TN 1586	M - 1586	GYE - 1
SG1 TN 1587	M - 1587	GYE - 1
SG1 TN 1588	M - 1588	GYE - 1
SG1 TN 1589	M - 1589	GYE - 1
SG1 TN 1590	M - 1590	GYE - 1
SG1 TN 1591	M - 1591	GYE - 1
SG1 TN 1593	M - 1593	GYJ - 1
SG1 TN 1594	M - 1594	GYE - 1
SG1 TN 1595	M - 1595	GYE - 1
SG1 TN 1596	M - 1596	GYE - 1

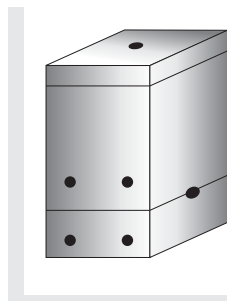
REFERENCIAS CRUZADAS • CROSS REFERENCE

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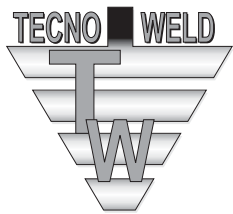
TECNO WELD THERMOWELD CADWELD

SG1 TN 1597	M - 1597	GYE - 1
SG1 TN 1598	M - 1598	GYE - 1
SG1 TN 1599	M - 1599	GYJ - 1
SG1 TN 1601	M - 1601	GYJ - 1
SG1 TN 1602	M - 1602	GYJ - 1
SG1 TN 1603	M - 1603	GYE - 2
SG1 TN 1604	M - 1604	GYE - 2
SG1 TN 1605	M - 1605	GYE - 2
SG1 TN 1606	M - 1606	GYE - 2
SG1 TN 1607	M - 1607	GYE - 2
SG1 TN 1608	M - 1608	GYJ - 2
SG1 TN 1610	M - 1610	GYJ - 2
SG1 TN 1611	M - 1611	GYJ - 2
SG1 TN 1612	M - 1612	GYJ - 2
SG1 TN 1635	M - 1635	VFC - 1
SG1 TN 1636	M - 1636	VFC - 1
SG1 TN 1637	M - 1637	VFC - 1
SG1 TN 1638	M - 1638	VFC - 1
SG1 TN 1639	M - 1639	VFC - 1
SG1 TN 1640	M - 1640	VFC - 2
SG1 TN 1641	M - 1641	VFC - 2
SG1 TN 1642	M - 1642	VFC - 2
SG1 TN 1643	M - 1643	VFC - 2
SG1 TN 1644	M - 1644	VFR - 2
SG1 TN 1645	M - 1645	VFR - 3
SG1 TN 1646	M - 1646	VFF - 3
SG1 TN 1647	M - 1647	VFD - 4
SG1 TN 1648	M - 1648	VFF - 3
SG1 TN 1651	M - 1651	LJC - E
SG1 TN 1652	M - 1652	LJC - E
SG1 TN 1653	M - 1653	LJC - E
SG1 TN 1654	M - 1654	LJC - E
SG1 TN 1655	M - 1655	LJC - E
SG1 TN 1656	M - 1656	LJC - E
SG1 TN 1657	M - 1657	LJC - E
SG1 TN 1659	M - 1659	LJC - E
SG1 TN 1660	M - 1660	LJC - G
SG1 TN 1661	M - 1661	LJC - G
SG1 TN 1662	M - 1662	LJC - G
SG1 TN 1663	M - 1663	LJC - G
SG1 TN 1664	M - 1664	LJC - G
SG1 TN 1665	M - 1665	LJC - G
SG1 TN 1666	M - 1666	LJC - G
SG1 TN 1668	M - 1668	LJC - G
SG1 TN 1669	M - 1669	LJC - G



TECNO WELD THERMOWELD CADWELD

SG1 TN 1670	M - 1670	LJD - G
SG1 TN 1671	M - 1671	LJC - J
SG1 TN 1672	M - 1672	LJC - J
SG1 TN 1673	M - 1673	LJC - J
SG1 TN 1674	M - 1674	LJC - J
SG1 TN 1675	M - 1675	LJC - J
SG1 TN 1676	M - 1676	LJC - J
SG1 TN 1677	M - 1677	LJC - J
SG1 TN 1679	M - 1679	LJD - J
SG1 TN 1680	M - 1680	LPD - J
SG1 TN 1681	M - 1681	LPD - J
SG1 TN 1682	M - 1682	LEC - 2
SG1 TN 1683	M - 1683	LEC - 2
SG1 TN 1684	M - 1684	LEC - 2
SG1 TN 1685	M - 1685	LEC - 2
SG1 TN 1686	M - 1686	LEC - 2
SG1 TN 1687	M - 1687	LEC - 2
SG1 TN 1688	M - 1688	LEC - 2
SG1 TN 1689	M - 1689	LEC - 2
SG1 TN 1690	M - 1690	LEC - 2
SG1 TN 1691	M - 1691	LEC - 2
SG1 TN 1692	M - 1692	LEC - 2
SG1 TN 1693	M - 1693	LEC - 2
SG1 TN 1694	M - 1694	LEC - 2
SG1 TN 1695	M - 1695	LEC - 2
SG1 TN 1696	M - 1696	LEC - 2
SG1 TN 1697	M - 1697	LEC - 3
SG1 TN 1698	M - 1698	LEC - 3
SG1 TN 1699	M - 1699	LED - 3
SG1 TN 1700	M - 1700	LEC - 3
SG1 TN 1702	M - 1702	LEC - 3
SG1 TN 1703	M - 1703	LED - 3
SG1 TN 1707	M - 1707	LEC - 3
SG1 TN 1708	M - 1708	LED - 3
SG1 TN 1709	M - 1709	LED - 3
SG1 TN 1710	M - 1710	LEC - 4
SG1 TN 1711	M - 1711	LEC - 4
SG1 TN 1712	M - 1712	LEC - 4
SG1 TN 1713	M - 1713	LEC - 4
SG1 TN 1714	M - 1714	LEC - 4
SG1 TN 1715	M - 1715	LEC - 4
SG1 TN 1716	M - 1716	LEC - 4
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SG1 TN 2154	M - 2154-T	GYE - 1
SG1 TN 2155	M - 2155-T	GYE - 1

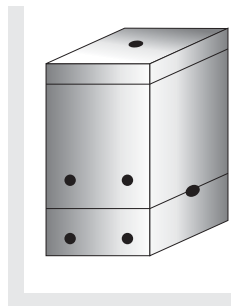


REFERENCIAS CRUZADAS • CROSS REFERENCE

MALLAS A TIERRA / GROUNDING NETWORKS

TECNO WELD	THERMOWELD	CADWELD
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SG1 TN 2156	M - 2156 - T	GYE - 1
SG1 TN 2157	M - 2157	GYE - 1
SG1 TN 2158	M - 2158	GYE - 1
SG1 TN 2159	M - 2159	GYE - 1
SG1 TN 2160	M - 2160	GYE - 1
SG1 TN 2161	M - 2161	GYE - 1
SG1 TN 2162	M - 2162	GYE - 1
SG1 TN 2163	M - 2163	GYE - 2
SG1 TN 2164	M - 2164	GYE - 2
SG1 TN 2189	M - 2189	VBC - 2
SG1 TN 2165	M - 2165	GYE - 2
SG1 TN 2199	M - 2199	HAC - 2
SG1 TN 2200	M - 2200	HAC - 2
SG1 TN 2506	M - 2506	HAC - 3
SG1 TN 2509	M - 2509	HAC - 3
SG1 TN 2511	M - 2511	HAD - 4
SG1 TN 2540	M - 2540	VBC - 2
SG1 TN 2542	M - 2542	HAD - 4
SG1 TN 2687	M - 2687	XBC - 1
SG1 TN 2688	M - 2688	XBC - 1
SG1 TN 2689	M - 2689	XBC - 1
SG1 TN 2690	M - 2690	XBC - 1
SG1 TN 2691	M - 2691	XBC - 1
SG1 TN 2692	M - 2692	XBC - 1
SG1 TN 2693	M - 2693	XBC - 1
SG1 TN 2694	M - 2694	XBM - 2
SG1 TN 2695	M - 2695	XBM - 2
SG1 TN 2696	M - 2696	XBM - 2
SG1 TN 2697	M - 2697	XBM - 2
SG1 TN 2698	M - 2698	XBM - 2
SG1 TN 2694F	M - 2694F	-
SG1 TN 2698 F	M - 2698 F	-
SG1 TN 2699	M - 2699	XBM - 2
SG1 TN 2700	M - 2700	XBM - 2
SG1 TN 2701	M - 2701	XBM - 2
SG1 TN 2702	M - 2702	XBM - 2
SG1 TN 2703	M - 2703	XBM - 2
SG1 TN 2704	M - 2704	XBM - 2
SG1 TN 2705	M - 2705	XBM - 2
SG1 TN 2706	M - 2706	XBM - 2
SG1 TN 2707	M - 2707	XBM - 2
SG1 TN 2707	M - 2707	HAC - 3
SG1 TN 2708	M - 2708	XBM - 2
SG1 TN 2709	M - 2709	XBM - 2
SG1 TN 2710	M - 2710	XBM - 2
SG1 TN 2711	M - 2711	XBM - 2
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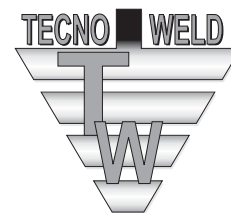


TECNO WELD	THERMOWELD	CADWELD
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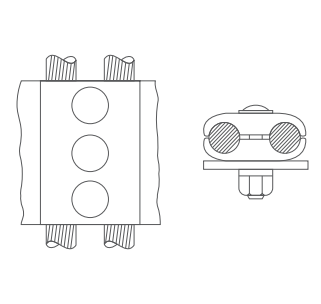
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SG1 TN 2719	M - 2719	XBM - 2
SG1 TN 2720	M - 2720	XBV - 3
SG1 TN 2721	M - 2721	XBV - 3
SG1 TN 2722	M - 2722	XBM - 3
SG1 TN 2723	M - 2723	XBM - 3
SG1 TN 2724	M - 2724	XBM - 3
SG1 TN 2725	M - 2725	XBM - 3
SG1 TN 2726	M - 2726	XBM - 3
SG1 TN 2727	M - 2727	XBM - 3
SG1 TN 2728	M - 2728	XBV - 3
SG1 TN 2729	M - 2729	XBV - 3
SG1 TN 2730	M - 2730	XBV - 3
SG1 TN 2731	M - 2731	XBV - 3
SG1 TN 2732	M - 2732	XBV - 3
SG1 TN 2733	M - 2733	XBM - 3
SG1 TN 2734	M - 2734	XBM - 3
SG1 TN 2735	M - 2735	XBM - 3
SG1 TN 2736	M - 2736	XBM - 3
SG1 TN 2747	M - 2747	XVB - 3
SG1 TN 2749	M - 2749	XVB - 3
SG1 TN 2750	M - 2750	XVB - 3
SG1 TN 2751	M - 2751	XVB - 3
SG1 TN 2752	M - 2752	XVB - 3
SG1 TN 2753	M - 2753	XVB - 3
SG1 TN 2754	M - 2754	XVB - 3
SG1 TN 2755	M - 2755	XBM - 3
SG1 TN 2756	M - 2756	XBM - 3
SG1 TN 2757	M - 2757	XBM - 3
SG1 TN 5021	M - 5021	TAC - 2
SG1 TN 5065	M - 5065	HCC - 3
SG1 TN 5331	M - 5331	HCC - 2
SG1 TN 5398	M - 5398	STR - 1
SG1 TN 5475	M - 5475	TAC - 2
SG1 TN 5573	M - 5573	NDR - 1
SG1 TN 5574	M - 5574	TAC - 2
SG1 TN 5746	M - 5746	NCR - 1
SG1 TN 5963	M - 5963	NCR - 1
SG1 TN 6114	M - 6114	HAC - 2
SG1 TN 6386	M - 6386	STR - 1
SG1 TN 6391	M - 6391	SPR - 1
SG1 TN 6392	M - 6392	SPR - 1
SG1 TN 7146	M - 7146	HAC - 2
SG1 TN 7192	M - 7192	HCC - 2
SG1 TN 8379	M - 8379	HCC - 2
SG1 TN 8381	M - 8381	HCC - 2
SG1 TN 8410	M - 8410	HCC - 3
SG1 TN 8413	M - 8413	HCC - 2
SG1 TN 8414	M - 8414	GRC - 1
SG1 TN 8415	M - 8415	GRC - 1
SG1 TN 8423	M - 8423	HCC - 3
SG1 TN 8441	M - 8441	GTC - 1
SG1 TN 8442	M - 8442	GTC - 1
SG1 TN 8451	M - 8451	NDR - 1

REFERENCIAS CRUZADAS • CROSS REFERENCE

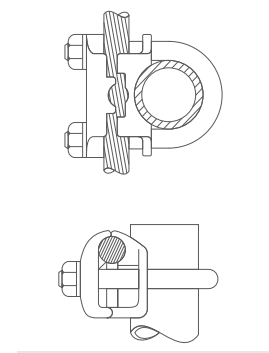
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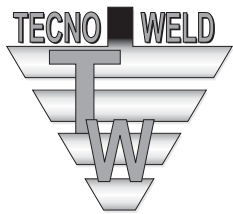


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S G2 TCP 2626	CP2626
S G2 TCP 2629	
S G2 TCP 2634	
S G2 TCP 2929	CP2929
S G2 TCP 2934	
S G2 TCP 3434	CP3434
S G2 TCP 4C26	
S G2 TCP 4C29	
S G2 TCP 4C34	
S G2 TCP 4C4C	



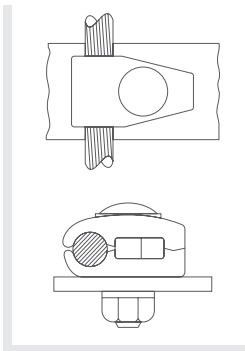
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S G2 TGAR 1526	GAR1526
S G2 TGAR 1529	GAR1529
S G2 TGAR 154C	GAR154C
S G2 TGAR 1626	GAR1626
S G2 TGAR 1629	GAR1629
S G2 TGAR 164C	GAR164C
S G2 TGAR 1726	GAR1726
S G2 TGAR 1729	GAR1729
S G2 TGAR 174C	GAR174C
S G2 TGAR 1826	GAR1826
S G2 TGAR 1829	GAR1829
S G2 TGAR 184C	GAR184C
S G2 TGAR 1926	GAR1926
S G2 TGAR 1929	GAR1929
S G2 TGAR 194C	GAR194C
S G2 TGAR 2026	GAR2026
S G2 TGAR 2029	GAR2029
S G2 TGAR 204C	GAR204C
S G2 TGAR 2126	GAR2126
S G2 TGAR 2129	GAR2129
S G2 TGAR 214C	GAR214C
S G2 TGAR 2226	GAR2226
S G2 TGAR 2229	GAR2229
S G2 TGAR 224C	GAR224C



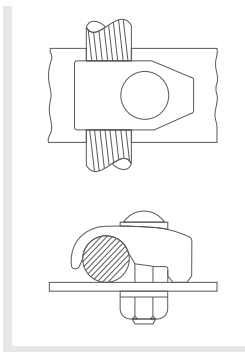


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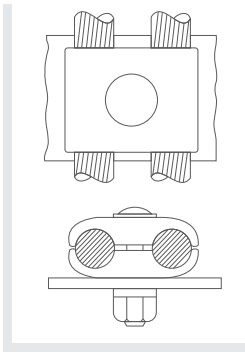
MALLAS A TIERRA / GROUNDING NETWORKS



TECNO WELD	BURNDY
S G2 TGB 26	GB26
S G2 TGB 29	GB29
S G2 TGB 34	GB34
S G2 TGB 4C	GB4C



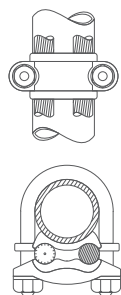
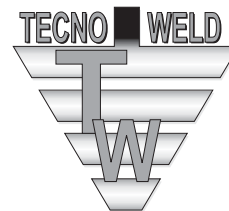
TECNO WELD	BURNDY
S G2 TGBM 26	GBM26
S G2 TGBM 29	GBM29
S G2 TGBM 34	GBM34
S G2 TGBM 4C	GBM4C



TECNO WELD	BURNDY
S G2 TGC 2626	GC2626
S G2 TGC 2629	GC2629
S G2 TGC 2634	_____
S G2 TGC 2929	_____
S G2 TGC 2934	GC3434
S G2 TGC 3434	_____
S G2 TGC 4C26	_____
S G2 TGC 4C29	GC4C4C
S G2 TGC 4C34	_____
S G2 TGC 4C4C	_____

REFERENCIAS CRUZADAS • CROSS REFERENCE

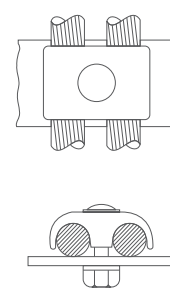
MALLAS A TIERRA /GROUNDING NETWORKS



TECNO WELD

BURNDY

S G2 TGCM 2626	GCM26
S G2 TGCM 2629	GCM29
S G2 TGCM 2634	_____
S G2 TGCM 2929	_____
S G2 TGCM 2934	_____
S G2 TGCM 3434	GCM34
S G2 TGCM 4C26	_____
S G2 TGCM 4C29	_____
S G2 TGCM 4C34	_____
S G2 TGCM 4C4C	GCM4C4C



TECNO WELD

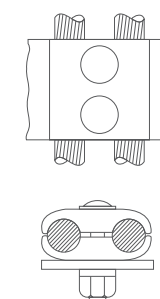
BURNDY

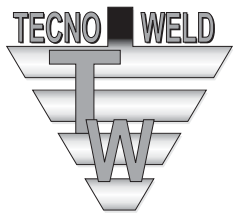
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S G2 TGD 1429	GD1429
S G2 TGD 144C	GD144C
S G2 TGD 1526	GD1526
S G2 TGD 1529	GD1529
S G2 TGD 154C	GD154C
S G2 TGD 1626	GD1626
S G2 TGD 1629	GD1629
S G2 TGD 164C	GD164C
S G2 TGD 1726	GD1726
S G2 TGD 1729	GD1729
S G2 TGD 174C	GD174C
S G2 TGD 1826	GD1826
S G2 TGD 1829	GD1829
S G2 TGD 184C	GD184C
S G2 TGD 1926	GD1926
S G2 TGD 1929	GD1929
S G2 TGD 194C	GD194C
S G2 TGD 2026	GD2026
S G2 TGD 2029	GD2029
S G2 TGD 204C	GD204C
S G2 TGD 2126	GD2126
S G2 TGD 2129	GD2129
S G2 TGD 214C	GD214C
S G2 TGD 2226	GD2226
S G2 TGD 2229	GD2229
S G2 TGD 224C	GD224C
S G2 TGD 6426	GD6426
S G2 TGD 6429	GD6429
S G2 TGD 644C	GD644C

TECNO WELD

BURNDY

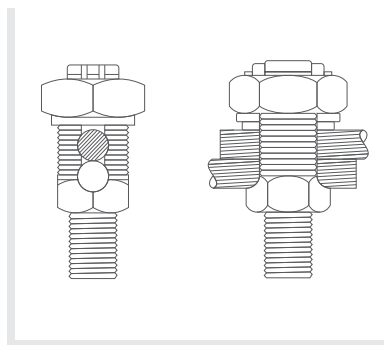
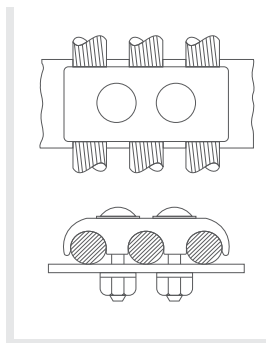
S G2 TGL 2626	GL26
S G2 TGL 2629	GL29
S G2 TGL 2634	_____
S G2 TGL 2929	_____
S G2 TGL 2934	_____
S G2 TGL 3434	GL34
S G2 TGL 4C26	_____
S G2 TGL 4C29	_____
S G2 TGL 4C34	_____
S G2 TGL 4C4C	GL4C4C





REFERENCIAS CRUZADAS • CROSS REFERENCE

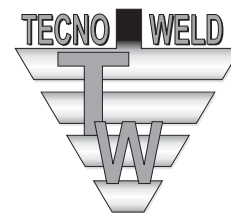
MALLAS A TIERRA / GROUNDING NETWORKS



TECNO WELD	BURNDY
S G2 TK2C 17	K2C17
S G2 TK2C 20	K2C20
S G2 TK2C 22	K2C22
S G2 TK2C 23	K2C23
S G2 TK2C 25	K2C25
S G2 TK2C 26	K2C26
S G2 TK2C 28	K2C28
S G2 TK2C 31	K2C31

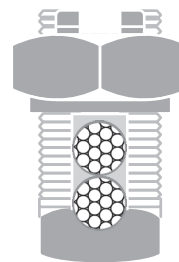
TECNO WELD	BURNDY
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S G2 TGE 262629	GE262629
S G2 TGE 262634	GE262634
S G2 TGE 262926	GE262926
S G2 TGE 262929	GE262929
S G2 TGE 262934	GE262934
S G2 TGE 263426	GE263426
S G2 TGE 263429	GE263429
S G2 TGE 263434	GE263434
S G2 TGE 264C26	GE264C26
S G2 TGE 264C29	GE264C29
S G2 TGE 264C34	GE264C34
S G2 TGE 292629	GE292629
S G2 TGE 292634	GE292634
S G2 TGE 292929	GE292929
S G2 TGE 292934	GE292934
S G2 TGE 293429	GE293429
S G2 TGE 293434	GE293434
S G2 TGE 294C29	GE294C29
S G2 TGE 294C34	GE294C34
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S G2 TGE 342934	GE342934
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S G2 TGE 344C34	GE344C34
S G2 TGE 4C2626	GE4C2626
S G2 TGE 4C2629	GE4C2629
S G2 TGE 4C2634	GE4C2634
S G2 TGE 4C264C	GE4C264C
S G2 TGE 4C2926	GE4C2926
S G2 TGE 4C2929	GE4C2929
S G2 TGE 4C2934	GE4C2934
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S G2 TGE 4C3426	GE4C3426
S G2 TGE 4C3429	GE4C3429
S G2 TGE 4C3434	GE4C3434
S G2 TGE 4C344C	GE4C344C
S G2 TGE 4C4C26	GE4C4C26
S G2 TGE 4C4C29	GE4C4C29
S G2 TGE 4C4C34	GE4C4C34
S G2 TGE 4C4C4C	GE4C4C4C

REFERENCIAS CRUZADAS • CROSS REFERENCE

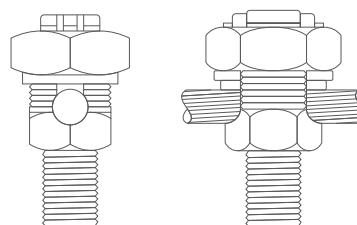


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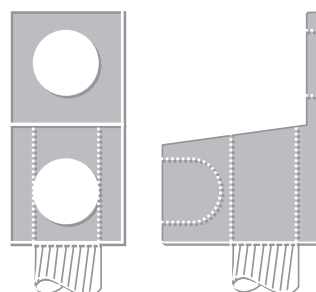
TECNO WELD	BURNDY
S G2 TK2F 17	K2F 17
S G2 TK2F 20	K2F 20
S G2 TK2F 22	K2F 22
S G2 TK2F 23	K2F 23
S G2 TK2F 25	K2F 25
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S G2 TK2F 28	K2F 28
S G2 TK2F 31	K2F 31



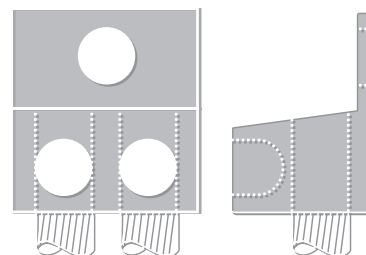
TECNO WELD	BURNDY
S G2 TKC 17	KC17
S G2 TKC 20	KC20
S G2 TKC 22	KC22
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S G2 TKC 26	KC26
S G2 TKC 28	KC28
S G2 TKC 31	KC31

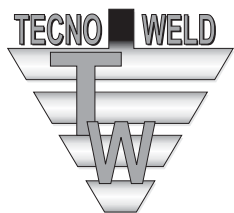


TECNO WELD	BURNDY
S G2 TQA 1C	QA1C - B
S G2 TQA 26	QA26 - B
S G2 TQA 28	QA28 - B
S G2 TQA 4C	QA4C - B
S G2 TQA 8C	QA8C - B



TECNO WELD	BURNDY
S G2 TQ2A 1C	QA1C - 2B
S G2 TQ2A 26	QA26 - 2B
S G2 TQ2A 28	QA28 - 2B
S G2 TQ2A 4C	QA4C - 2B
S G2 TQ2A 8C	QA8C - 2B





NOTAS • NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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INDICE POR REFERENCIAS REFERENCE INDEX

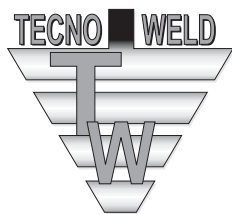


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IG64010632	2
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SG1TN1224	49
SG1TN1224H	60
SG1TN1224V	61
SG1TN1225	49
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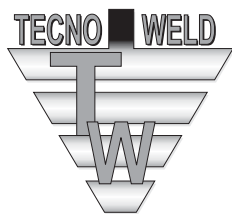
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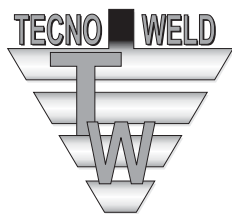
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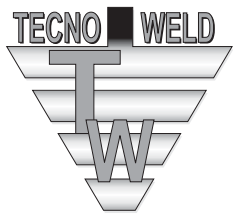
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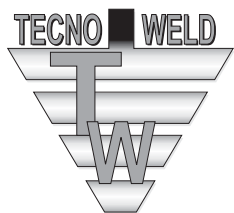
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BOGOTÁ - COLOMBIA

Carrera 32 No. 22 B - 66
Tel: (571) 368 4311
Fax: (571) 368 0898
e-mail: tecnoweld@tecna.com.co
www.tecna.com.co

Contáctenos en nuestras oficinas de:

PERÚ TECNA PERU SAC

Representante
Avenida Arequipa No. 2450 Of. 1102
Teléfono: (51 1) 4218058 - 2211509 - Fax
(511) 2211509
Correo electrónico: peru@tecna-ice.com-lima

CALI ACIMEL LTDA.

Distribuidor
Carrera 5 No. 21 - 31 Barrio San Nicolás
Tel: (572) 4851285 - Telefax: 8895688
Cali, Valle

