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PRODUCT CATALOGUE



SMARTFLEX™

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PIPE

HDPE MULTILAYER PIPES FOR FUEL • TUYAUX MULTICOUCHE EN PEHD POUR CARBURANTS • TUBOS MULTICAPA DE PEAD PARA COMBUSTIBLES • HDPE-MEHRSCICHTROHRE FÜR KRAFTSTOFFEN • TUBOS MULTICAMADA HDPE PARA COMBUSTÍVEIS • TUBI MULTISTRATO IN PEAD PER CARBURANTI..... 5

SW FITTINGS

SINGLE WALL FITTINGS • RACCORDS SIMPLE PAROI • ACCESORIOS SIMPLE PARED • EINWANDIGE FITTINGS • ACESSÓRIOS DE PAREDE SIMPLES • RACCORDI SINGOLA PARETE 14

DW FITTINGS

DOUBLE WALL FITTINGS • RACCORDS DOUBLE PAROI • ACCESORIOS DOBLE PARED • DOPPELWANDIGE FITTINGS • ACESSÓRIOS DE PAREDE DUPLA • RACCORDI DOPPIA PARETE 23

FORMED

FORMED FITTINGS • RACCORDS À GRAND RAYON • ACCESORIOS DE LARGO RADIO • GROSSE RADIUS-FITTINGS • ACESSÓRIOS LARGO RADIO • RACCORDI AMPIO RAGGIO 33

THREADED

THREADED FITTINGS • RACCORDS FILETÉS • ACCESORIOS ROSCADOS • GEWINDEFITTINGS • ACESSÓRIOS ROSCADOS • RACCORDI FILETTATI 37

FLANGED

FLANGED FITTINGS • RACCORDS À BRIDES • ACCESORIOS CON BRIDA • FLANSCH-FITTINGS • ACESSÓRIOS FLANGEADOS • RACCORDI FLANGIATI 47

SUMP SYSTEM

TANK, DISPENSER AND FILL SUMPS • CAISSONS POUR TROU D'HOMME, DISTRIBUTEUR, DÉPOTAGE • ARQUETAS PARA PASO DE HOMBRE Y PARA SURTIDOR, DEPÓSITOS PARA LLENADO • TANKSCHACHTEN, ZAPFSÄULENSCHACHTEN, KONZENTRATWANNEN • POÇOS DE INSPECÇÃO, POÇOS DE INSPECÇÃO PARA DISTRIBUIDOR, CONTAINER PARA DESCARGA • POZZETTI PER PASSO D'UOMO E PER DISTRIBUTORE, VASCHE PER CARICO CONCENTRATO..... 57

EQUIPMENT

EQUIPMENT • EQUIPAMIENTO • OUTILAGE • WERKZEUGE • EQUIPAMENTO • ATTREZZATURA 75

METAL

FULL METAL FITTINGS • RACCORDS MÉTALLIQUES • ACCESORIOS METÁLICOS • ACESSÓRIOS METÁLICOS • VOLLSTÄNDIGE METALLFITTINGS • RACCORDI IN METALLO 93

NON-HYDROSCOPIC COMPOSITE PIPING SYSTEM DESIGNED TO CONTAIN ELECTRICAL AND COMMUNICATION CABLES IN HAZARDOUS ENVIRONMENTS • SYSTÈME DE TUYAUTERIE COMPOSITE NON HYDROSCOPIQUE CONÇU POUR ACCUEILLIR DES CÂBLES ÉLECTRIQUES ET DE COMMUNICATION DANS DES ENVIRONNEMENTS DANGEREUX • SISTEMA DE TUBULAÇÃO COMPÓSITO NÃO HIDOSCÓPICO PROJETADO PARA CONTER CABOS ELÉTRICOS E DE COMUNICAÇÃO EM AMBIENTES PERIGOSOS • NICHT-HYDROSKOPISCHES VERBUNDROHRSYSTEM ENTWICKELT, UM ELEKTRISCHE UND KOMMUNIKATIONS KABEL IN GEFÄHRLICHEN UMGEBUNGEN ZU ENTHALTEN • SISTEMA DE TUBERÍAS COMPUESTAS NO HIDROSCÓPICAS DISEÑADO PARA ALOJAR CABLES ELÉCTRICOS Y DE COMUNICACIÓN EN AMBIENTES PELIGROSOS • SISTEMA DI TUBAZIONI COMPOSITE NON IDROSCOPICHE PROGETTATO PER ALLOGGIARE CAVI ELETTRICI E DI COMUNICAZIONE IN AMBIENTI PERICOLOSI..... 106

COMPLETE PIPE AND FITTING SYSTEM FOR THE TRANSPORT OF LPG • SYSTÈME COMPLET DE TUYAUX ET DE RACCORDS POUR LE TRANSPORT DE GPL • SISTEMA COMPLETO DE TUBERÍAS Y ACCESORIOS PARA EL TRANSPORTE DE GLP • KOMPLETTES ROHR- UND FITTINGSSYSTEM FÜR DEN TRANSPORT VON LPG • SISTEMA COMPLETO DE TUBO E MONTAGEM PARA TRANSPORTE DE GLP • SISTEMA COMPLETO DI TUBI E RACCORDI PER IL TRASPORTO DI GPL..... 123



Centro Operativo - Busto Arsizio (VA)



Centro Operativo - Castel Guelfo di Bologna (BO)



Produzione - Imola (BO)

In October 2015, NUPI Industrie Italiane S.p.A. took over Nupigeco S.p.A. The name change brings with it an 'all-Italian' company that exports its products worldwide.

Nupigeco S.p.A. was founded on October 1st 2008 by the merger of two of our companies, NUPI S.p.A. and GECO System S.p.A. - both founded more than 50 years ago. Combining their many years of experience and constant growth, the two firms decided to create a new flexible and advanced company, capable of offering complete systems to satisfy the demands of its customers whilst being environmentally astute.

NUPI Industrie Italiane S.p.A. develops and produces pipe and fitting systems for plumbing, heating, air conditioning, irrigation, water and gas pipelines. **NUPI Industrial Division (NUPI ID)**, which was founded in 1995, is dedicated to the production of the highest quality multilayer pipes specifically designed for the petroleum, oil, chemical and petrochemical markets.

Today, **NUPI Industrie Italiane S.p.A. offers a complete range of pipes and fittings**, produced using the most modern thermoplastic materials and manufacturing processes. These product ranges are known worldwide by the following trademarks: **NIRON, MULTINUPI, MULTIGECO, ELOFIT, ELOTHERM, ELOPRESS, POLYSYSTEM, POLIETILENE TUBI, SMARTFLEX, OILTECH, SMARTLPG, ELAMID, ELOSMART, SMARTCONDUIT, ECOWAVE** and the **ELOSFERA** range dedicated to alternative energies: **NRGEO** and **ELOWEB**. These systems are known as real problem solving systems capable of supplying every kind of installation while reducing costs, avoiding wastes and increasing productivity.

Thanks to their quality, these products positively fulfil the most stringent field tests and **have obtained the most prestigious certifications**, conforming to legislation from around the globe for water, gas networks and for the conveyance of fuels.

Producing better quality and being cost effective is the goal, which is made easier every day by new technology. **NUPI Industrie Italiane S.p.A.** is continuously **investing in research and development programs**, while strengthening the production systems, operated by a sophisticated technology that guarantees the highest quality of its products. The company's market leadership enforces its role in extremely competitive and technological fields such as the thermo-transformation of plastics and polymers.



Customers can rely on precise manufacture, thanks to completely automated production systems, and on time deliveries obtained through the integration of all the business functions. The constant attention to customers' and market needs is reached thanks to effective post-sales service, efficient technical assistance, and the training of installers.

NUPI Industrie Italiane S.p.A. operations and production centers are located in Busto Arsizio near Milan, Italy, and in Castel Guelfo and Imola, in strategic industrial areas near Bologna.

NUPI Industrie Italiane S.p.A. is present all over the world with manufacturing facilities, affiliated companies and warehouses in Germany, France, Spain, Belgium, UK, U.S.A., and UAE.



UNI EN ISO 9001
UNI EN ISO 14001
UNI ISO 45001



HDPE SINGLE & DOUBLE WALL PIPING SYSTEM FOR THE TRANSFER OF FUELS

SYSTÈME DE TUYAUTERIE À SIMPLE ET DOUBLE PARI EN PEHD

POUR LE TRANSPORT DE CARBURANTS

EIN-UND DOPPELWANDIGE PEHD-ROHRSYSTEME

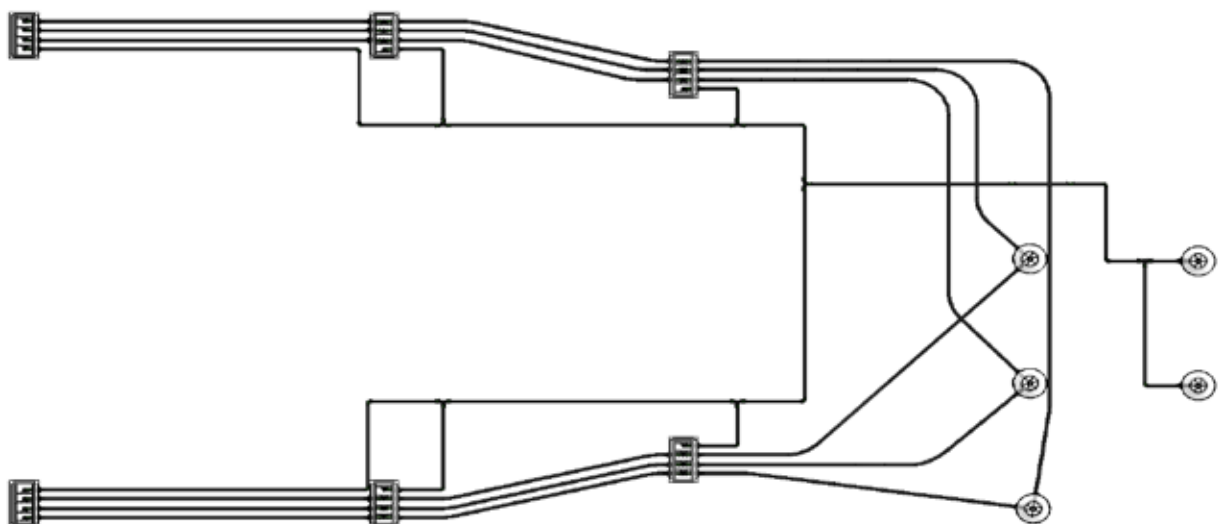
FÜR DEN KRAFTSTOFFTRANSPORT

SISTEMA DE TUBERÍAS DE PARED SIMPLE Y DOBLE DE PEAD

PARA EL TRANSPORTE DE COMBUSTIBLES

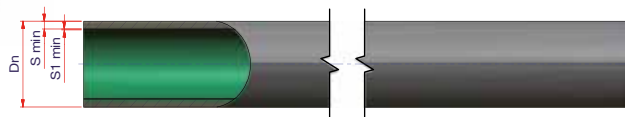
SISTEMA DI TUBAZIONI IN PEAD A PARETE SINGOLA E DOPPIA

PER IL TRASPORTO DI COMBUSTIBILI



SMARTFLEX™

HDPE MULTILAYER PIPES FOR FUEL
TUYAUX MULTICOUCHE EN PEHD POUR CARBURANTS
TUBOS MULTICAPA DE PEAD PARA COMBUSTIBLES
HDPE-MEHRSCHICHTROHRE FÜR KRAFTSTOFFEN
TUBOS MULTICAMADA HDPE PARA COMBUSTÍVEIS
TUBI MULTISTRATO IN PEAD PER CARBURANTI



TUYAUTERIE SIMPLE PARI POUR LIGNES DE REFOULEMENT
EN 14125 & KIWA- COURONNES/BARRES

TUBERÍA SIMPLE PARED PARA LÍNEA DE PRODUCTO
EN 14125 & KIWA- ROLLOS/BARRAS

EINWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF
EN 14125 & KIWA - ROLLEN/STANGEN

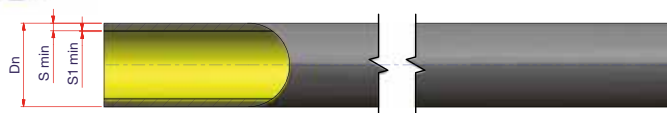
TUBO DE PAREDE SIMPLS PARA LINHA DE PRODUTO
EN 14125 & KIWA - BOBINAS/BARRAS

TUBO SINGOLA PARETE PER CARBURANTE
EN 14125 & KIWA - ROTOLI/BARRE

EN 14125 & KIWA SINGLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAH)

Code	ø	Package (m)	Dn	S min	S1 min	Weight kg/m	Notes
19TSMAH32R75	32	75	32	2.4	0.5	0.36	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAH40R75	40	75	40	3.0	0.5	0.52	coils/couronnes/rollos/Rollen/bobinas/rotoli KIWA listed
19TSMAH40B6	40	5x5.8	40	3.0	0.5	0.52	straight lengths (sticks)/barres/barras/Stangen/barras/barre KIWA listed
19TSMAH50R75	50	75	50	3.7	0.5	0.75	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAH50B6	50	5x5.8	50	3.7	0.5	0.75	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAH63R75	63	75	63	4.7	0.5	1.14	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAH63B6	63	4x5.8	63	4.7	0.5	1.14	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAH90R30	90	30	90	6.7	0.5	2.11	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAH90B6	90	2x5.8	90	6.7	0.5	2.13	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAH110B6	110	2x5.8	110	8.1	0.5	3.07	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAH160B6	160	1x5.8	160	11.8	0.5	6.32	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAH200B6 (**)	200	1x5.8	200	14.7	0.5	9.82	straight lengths (sticks)/barres/barras/Stangen/barras/barre
19TSMAH250B6 (**)	250	1x5.8	250	18.4	0.5	15.12	straight lengths (sticks)/barres/barras/Stangen/barras/barre
19TSMAH280B6 (**)	280	1x5.8	280	25.4	0.5	20.00	straight lengths (sticks)/barres/barras/Stangen/barras/barre
19TSMAH315B6 (**)	315	1x5.8	315	28.6	0.5	25.25	straight lengths (sticks)/barres/barras/Stangen/barras/barre

(**) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponivel sob encomenda - disponibile su richiesta



TUYAUTERIE SIMPLE PARI POUR RÉCUPÉRATION DE VAPEURS,
EVENT ET DÉPOTAGE - EN 14125, IP ET KIWA - COURONNES/BARRES

TUBERÍA SIMPLE PARED PARA RECUPERACIÓN DE VAPORES, VENTEO,
DESCARGAS - EN 14125, IP Y KIWA - ROLLOS/BARRAS

EINWANDIGES ROHRSYSTEM FÜR GASPENDELUNG, ENTLÜFTUNG UND
BEFÜLLUNG - EN 14125, IP UND KIWA - ROLLEN/STANGEN

TUBO DE PAREDE SIMPLS PARA LINHA DE VAPOR/RESPIRO/DESCARGA
- EN 14125, IP E KIWA - BOBINAS/BARRAS

TUBO SINGOLA PARETE PER RECUPERO VAPORI, LINEE DI EQUILIBRIO E
CARICO - EN 14125, IP E KIWA - ROTOLI/BARRE

EN 14125, IP & KIWA SINGLE WALL VAPOR / VENT / FILL PIPE - COILS, STRAIGHT LENGTHS/STICKS (TMAU)

Code	ø	Package (m)	Dn	S min	S1 min	Weight kg/m	Notes
19TMAU32R75	32	75	32	2.4	0.4	0.29	coils/couronnes/rollos/Rollen/bobinas/rotoli KIWA listed
19TMAU50R75	50	75	50	3.7	0.4	0.64	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125, IP & KIWA listed
19TMAU50B6	50	5x5.8	50	3.7	0.4	0.64	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125, IP & KIWA listed
19TMAU63R75	63	75	63	4.7	0.4	0.99	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125, IP & KIWA listed
19TMAU63B6	63	4x5.8	63	4.7	0.4	0.99	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125, IP & KIWA listed
19TMAU90R30	90	30	90	6.7	0.4	1.92	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125, IP & KIWA listed
19TMAU90B6	90	2x5.8	90	6.7	0.4	1.92	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125, IP & KIWA listed
19TMAU110B6	110	2x5.8	110	8.1	0.4	2.81	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125, IP & KIWA listed
19TMAU160B6	160	1x5.8	160	11.8	0.4	5.94	straight lengths (sticks)/barres/barras/Stangen/barras/barre KIWA listed



TUYAUBERIE DOUBLE PAROI POUR REFOULEMENT
EN 141215 & KIWA - COURONNES/BARRES

TUBERÍA DOBLE PARED PARA LÍNEA DE PRODUCTO
EN 14125 & KIWA - ROLLOS/BARRAS

DOPPELWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF
EN 14125 & KIWA - ROLLEN/STANGEN

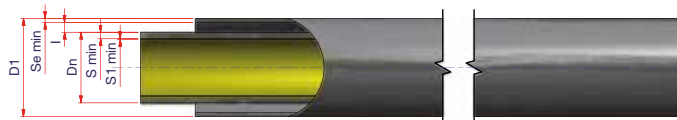
TUBO DE PAREDE DUPLA PARA LINHA DE PRODUTO
EN 14125 & KIWA - BOBINAS/BARRAS

TUBO DOPPIA PARETE PER CARBURANTE
EN 14125 & KIWA - ROTOLI/BARRE

EN 14125 & KIWA DOUBLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAMD)

Code	ø	Package (m)	Dn	D1	l	S min	S1 min	Se min	Weight kg/m	Notes
19TSMAMD32R75 (*)	32	75	32	40	1.7	2.4	0.5	2.4	0.66	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAMD3240B6 (*)	32	5x5.8	32	40	1.7	2.4	0.5	2.4	0.66	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD50R75	50	75	50	63	4	3.7	0.5	2.5	1.27	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAMD50B6	50	4x5.8	50	63	4	3.7	0.5	2.5	1.27	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD63R75	63	75	63	75	3.2	4.7	0.5	2.9	1.85	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAMD63B6	63	3x5.8	63	75	3.2	4.7	0.5	2.9	1.85	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD90B6	90	1x5.8	90	125	12.8	6.7	0.5	4.8	4.08	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD110125B6	110	1x5.8	110	125	3.2	8.1	0.5	4.8	5.01	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD160225B6 (**)	160	1x5.8	160	225	26.3	11.8	0.5	8.6	12.55	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAMD200250B6 (**)	200	1x5.8	200	250	15.5	14.8	0.5	9.6	16.50	straight lengths (sticks)/barres/barras/Stangen/barras/barre

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TUYAUBERIE DOUBLE PAROI POUR RÉCUPÉRATION DE VAPEURS, EVENT ET DÉPOTAGE - PRIMAIRE ET SECONDAIRE CONFORME EN 14125, IP ET KIWA - COURONNES/BARRES

TUBERÍA DOBLE PARED PARA RECUPERACIÓN DE VAPORES, VENDEO, DESCARGAS - PRIMARIO Y SECUNDARIO EN CONFORMIDAD CON EN 14125, IP Y KIWA - ROLLOS/BARRAS

DOPPELWANDIGES ROHRSYSTEM FÜR GASPENDELUNG, ENTLÜFTUNG UND BEFÜLLUNG - MEDIUM-UND MANTEILROHR MIT ZERTIFIKAT EN 14125, IP UND KIWA - ROLLEN/STANGEN

TUBO DE PAREDE DUPLA PARA LINHA DE VAPOR, RESPIRO, DESCARGA - PRIMÁRIO E SECUNDÁRIO EM CONFORMIDADE COM EN 14125, IP E KIWA - BOBINAS/BARRAS

TUBO DOPPIA PARETE PER RECUPERO VAPORI, LINEE DI EQUILIBRIO E CARICO - PRIMARIO E SECONDARIO IN CONFORMITÀ ALLA NORMA EN 14125 E IN ACCORDO CON IP E KIWA - ROTOLI/BARRE

DOUBLE WALL VAPOR / VENT / FILL PIPE - PRIMARY AND SECONDARY EN 14125, IP & KIWA LISTED - COILS, STRAIGHT LENGTHS/STICKS (TSMAUD)

Code	ø	Package (m)	Dn	D1	l	S min	S1 min	Se min	Weight kg/m	Notes
19TSMAUD50B6	50	4x5.8	50	63	4	3.7	0.4	2.5	1.16	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAUD50R75	50	75	50	63	4	3.7	0.4	2.5	1.16	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAUD63B6	63	3x5.8	63	75	3.2	4.7	0.4	2.9	1.71	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAUD63R75	63	75	63	75	3.2	4.7	0.4	2.9	1.71	coils/couronnes/rollos/Rollen/bobinas/rotoli EN14125 & KIWA listed
19TSMAUD90B6	90	1x5.8	90	125	12.8	6.7	0.4	4.8	3.87	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAUD110125B6	110	1x5.8	110	125	3.2	8.1	0.4	4.8	4.76	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed
19TSMAUD160225B6 (*)	160	1x5.8	160	225	28.3	11.8	0.4	8.6	12.18	straight lengths (sticks)/barres/barras/Stangen/barras/barre EN14125 & KIWA listed

(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta



TUYAUTERIE SIMPLE PAROI POUR LIGNES DE REFOULEMENT
CONFORME UL 971 - COURONNES/BARRES

TUBERÍA SIMPLE PARED PARA LÍNEA DE PRODUCTO
EN CONFORMIDAD CON UL 971 - ROLLOS/BARRAS

EINWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF
MIT ZERTIFIKAT UL 971 - ROLLEN/STANGEN

TUBO DE PAREDE SIMPLES PARA LINHA DE PRODUTO
EM CONFORMIDADE COM UL 971 - BOBINAS/BARRAS

TUBO SINGOLA PARETE PER CARBURANTE
IN CONFORMITÀ ALLA NORMA UL 971 - ROTOLI/BARRE

UL 971 LISTED SINGLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAXP)

Code	ø	Package (m)	Dn	S min	S1 min	S2 min	Weight kg/m	Notes
19TSMAXP32R75	32	75	32	3.7	0.3	0.3	0.51	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP50R75	50	75	50	3.7	0.3	0.3	0.84	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP50B6	50	5x5.8	50	3.7	0.3	0.3	0.84	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP63R75	63	75	63	4.7	0.3	0.3	1.25	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP63B6	63	4x5.8	63	4.7	0.3	0.3	1.25	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP90B6	90	2x5.8	90	6.7	0.3	0.3	2.29	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP110B6	110	2x5.8	110	8.1	0.3	0.3	3.26	straight lengths (sticks)/barres/ barras/Stangen/barras/barre



TUYAUTERIE SIMPLE PAROI POUR RÉCUPÉRATION DE VAPEURS
CONFORME UL 971 - COURONNES/BARRES

TUBERÍA SIMPLE PARED PARA RECUPERACIÓN DE VAPORES Y VENTEO
EN CONFORMIDAD CON UL 971 - ROLLOS/BARRAS

EINWANDIGES ROHRSYSTEM FÜR GASPENDELUNG UND ENTLÜFTUNG -
MIT ZERTIFIKAT UL 971 - ROLLEN/STANGEN

TUBO DE PAREDE SIMPLES PARA LINHA DE VAPOR/RESPIRO, EM
CONFORMIDADE COM UL 971 - BOBINAS/BARRAS

TUBO SINGOLA PARETE PER RECUPERO VAPORI E LINEE DI EQUILIBRIO IN
CONFORMITÀ ALLA NORMA UL 971 - ROTOLI/BARRE

UL 971 LISTED SINGLE WALL VAPOR / VENT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAXP)

Code	ø	Package (m)	Dn	S min	S1 min	Weight kg/m	Notes
19TSMAXP50R75	50	75	50	3.7	0.3	0.64	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP50B6	50	5x5.8	50	3.7	0.3	0.64	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP63R75	63	75	63	4.7	0.3	0.91	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP63B6	63	4x5.8	63	4.7	0.3	0.91	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP90R30	90	30	90	6.7	0.3	1.80	coils/couronnes/rollos Rollen/bobinas/rotoli
19TSMAXP90B6	90	2x5.8	90	6.7	0.3	1.80	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXP110B6	110	2x5.8	110	8.1	0.3	2.66	straight lengths (sticks)/barres/ barras/Stangen/barras/barre

N.B.:

Please contact NUPI INDUSTRIE ITALIANE for non-standard lengths and delivery time.

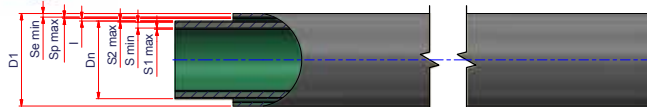
S'il vous plaît contactez NUPI INDUSTRIE ITALIANE pour longueurs hors standard et temps de livraison.

Les rogamos que contacten NUPI INDUSTRIE ITALIANE para longitudes no estándar y tiempo de entrega.

Wegen Längen außerhalb des Standards und den jeweiligen Lieferzeiten wenden Sie sich bitte an NUPI INDUSTRIE ITALIANE.

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Contattare NUPI INDUSTRIE ITALIANE per lunghezze fuori standard e relativi tempi di consegna.



TUYAUTERIE DOUBLE PAROI POUR REFOULEMENT CONFORME UL 971 - COURONNES/BARRES

TUBERÍA DOBLE PARED PARA LÍNEA DE PRODUCTO EN CONFORMIDAD CON UL 971 - ROLLOS/BARRAS

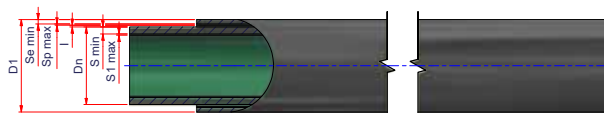
DOPELWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF - MIT ZERTIFIKAT UL 971 - ROLLEN/STANGEN

TUBO DE PAREDE DUPLA PARA LINHA DE PRODUTO, EM CONFORMIDADE COM UL 971 - BOBINAS/BARRAS

TUBO DOPPIA PARETE PER CARBURANTE IN CONFORMITÀ ALLA NORMA UL 971 - ROTOLI/BARRE

UL 971 LISTED DOUBLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAXPD)

Code	ø	Package (m)	Dn	D1	l	S min	S1 max	S2 max	Se min	Sp max	Weight kg/m	Notes
19TSMAXPD3250R75	32	75	32	50	11.3	3.7	0.5	0.5	2.5	0.5	1.01	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMAXPD3250B6	32	4x5.8	32	50	11.3	3.7	0.5	0.5	2.5	0.5	1.01	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD50R75	50	75	50	63	3.1	3.7	0.5	0.5	2.5	0.5	1.47	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMAXPD50B6	50	4x5.8	50	63	3.1	3.7	0.5	0.5	2.5	0.5	1.47	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD63R75	63	75	63	75	2.3	4.7	0.5	0.5	2.9	0.5	2.09	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMAXPD63B6	63	3x5.8	63	75	2.3	4.7	0.5	0.5	2.9	0.5	2.09	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD90B6	90	1x5.8	90	125	11.9	6.7	0.5	0.5	4.8	0.5	4.46	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD110B6	110	1x5.8	110	125	2.2	8.1	0.5	0.5	4.8	0.5	5.42	straight lengths (sticks)/barres/ barras/Stangen/barras/barre



TUYAUTERIE DOUBLE PAROI POUR RÉCUPÉRATION DE VAPEURS CONFORME UL 971 - COURONNES/BARRES

TUBERÍA DOBLE PARED PARA RECUPERACIÓN DE VAPORES Y VENTEO EN CONFORMIDAD CON UL 971 - ROLLOS/BARRAS

DOPELWANDIGES ROHRSYSTEM FÜR GASPENDELUNG UND ENTLÜFTUNG - MIT ZERTIFIKAT UL 971 - ROLLEN/STANGEN

TUBO DE PAREDE DUPLA PARA LINHA DE VAPOR/RESPIRO, EM CONFORMIDADE COM UL 971 - BOBINAS/BARRAS

TUBO DOPPIA PARETE PER RECUPERO VAPORI E LINEE DI EQUILIBRIO IN CONFORMITÀ ALLA NORMA UL 971 - ROTOLI/BARRE

UL 971 LISTED DOUBLE WALL VAPOR / VENT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMAXPD)

Code	ø	Package (m)	Dn	D1	l	S min	S max	Se min	Sp max	Weight kg/m	Notes
19TSMAXPD50R75	50	75	50	63	3.6	3.7	0.5	2.5	0.5	1.28	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMAXPD50B6	50	4x5.8	50	63	3.6	3.7	0.5	2.5	0.5	1.28	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD63R75	63	75	63	75	2.8	4.7	0.5	2.9	0.5	1.75	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMAXPD63B6	63	3x5.8	63	75	2.8	4.7	0.5	2.9	0.5	1.75	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD90B6	90	1x5.8	90	125	12.4	6.7	0.5	4.8	0.5	3.97	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMAXPD110B6	110	1x5.8	110	125	2.3	8.1	0.5	4.8	0.5	4.82	straight lengths (sticks)/barres/ barras/Stangen/barras/barre

N.B.:

Please contact NUPI INDUSTRIE ITALIANE for non-standard lengths and delivery time.

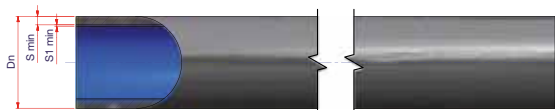
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Para cumprimentos fora do padrão e prazos de entrega favor contactar a NUPI INDUSTRIE ITALIANE.

Contattare NUPI INDUSTRIE ITALIANE per lunghezze fuori standard e relativi tempi di consegna.



TUYAUTERIE SIMPLE PAROI POUR LIGNES DE REFOULEMENT (ADBLUE/UREA)
- COURONNES/BARRAS

TUBERÍA SIMPLE PARED PARA LÍNEA DE PRODUCTO (ADBLUE/UREA) -
ROLLOS/BARRAS

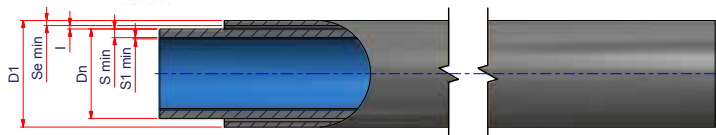
EINWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF (ADBLUE/UREA) - ROLLEN/
STANGEN

TUBO DE PAREDE SIMPLES PARA LINHA DE PRODUTO (ADBLUE/UREIA) -
BOBINAS/BARRAS

TUBO SINGOLA PARETE PER CARBURANTE (ADBLUE/UREA) - ROTOLI/BARRE

ADBLUE/DEF/UREA SINGLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMADUREA)

Code	ø	Package (m)	Dn	S min	S1 min	Weight kg/m	Notes
19TSMADUREA32B6	32	5x5.8	32	2.4	1	0.33	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA32R75	32	75	32	2.4	1	0.33	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA50B6	50	5x5.8	50	3.7	1	0.62	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA50R75	50	75	50	3.7	1	0.62	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA63B6	63	4x5.8	63	4.7	1	1.03	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA63R75	63	75	63	4.7	1	1.03	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA90B6	90	2x5.8	90	6.7	1	2.17	straight lengths (sticks)/barres/ barras/Stangen/barras/barre



TUYAUTERIE DOUBLE PAROI POUR LIGNES DE REFOULEMENT (ADBLUE/
UREA) - COURONNES/BARRAS

TUBERÍA DOBLE PARED PARA LÍNEA DE PRODUCTO (ADBLUE/UREA) -
ROLLOS/BARRAS

DOPPELWANDIGES ROHRSYSTEM FÜR KRAFTSTOFF (ADBLUE/UREA) -
ROLLEN/STANGEN

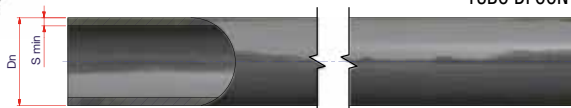
TUBO DE PAREDE DUPLA PARA LINHA DE PRODUTO (ADBLUE/UREIA) -
BOBINAS/BARRAS

TUBO DOPPIA PARETE PER CARBURANTE (ADBLUE/UREA) - ROTOLI/
BARRE

ADBLUE/DEF/UREA DOUBLE WALL PRODUCT PIPE - COILS, STRAIGHT LENGTHS/STICKS (TSMADUREA)

Code	ø	Package (m)	Dn	D1	l	S min	S1 min	Se min	Weight kg/m	Notes
19TSMADUREA3240B6	32	5x5.8	32	40	1.6	2.4	1	2.4	0.63	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA3240R75	32	75	32	40	1.6	2.4	1	2.4	0.63	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA50B6	50	4x5.8	50	63	4	3.7	1	2.5	1.15	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA50R75	50	75	50	63	4	3.7	1	2.5	1.15	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA63B6	63	3x5.8	63	75	3.2	4.7	1	2.9	1.74	straight lengths (sticks)/barres/ barras/Stangen/barras/barre
19TSMADUREA63R75	63	75	63	75	3.2	4.7	1	2.9	1.74	coils/couronnes/rollos/ Rollen/bobinas/rotoli
19TSMADUREA90B6	90	1x5.8	90	125	13.2	6.7	1	4.8	4.12	straight lengths (sticks)/barres/ barras/Stangen/barras/barre

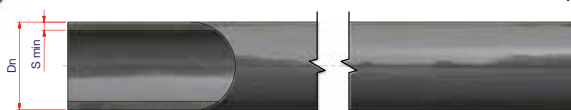
N.B.: diameter 160 available for the UREA system upon request - diamètre 160 disponible pour le système URÉE sur demande - Durchmesser 160 für das Harnstoffsystem (UREA) auf Anfrage erhältlich - diámetro 160 disponível para o sistema UREIA sob encomenda - diametro 160 disponibile per il sistema UREA su richiesta



TUYAUTERIE SECONDAIRE CONFORME EN 14125 - BARRES
 TUBERÍA SECUNDARIA EN CONFORMIDAD CON EN 14125 - BARRAS
 MANTELROHRSYSTEM - MIT ZERTIFIKAT EN 14125 - STANGEN
 TUBO DE CONTENÇÃO SECUNDÁRIO EM CONFORMIDADE COM EN 14125 - BARRAS
 TUBO DI CONTENIMENTO SECONDARIO IN CONFORMITÀ ALLA NORMA EN 14125 - BARRE

EN 14125 LISTED SECONDARY CONTAINMENT PIPE - STRAIGHT LENGTHS/STICKS (TSMASHS)

Code	ø	Package (m)	Dn	S min	Weight kg/m	Notes
19TSMASHS40B6	40	4x5.8	40	2.4	0.30	for/pour/para/für/para/per 32 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASHS63B6	63	4x5.8	63	2.5	0.53	for/pour/para/für/para/per 50 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASHS75B6	75	3x5.8	75	2.9	0.71	for/pour/para/für/para/per 63 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASHS125B6	125	1x5.8	125	4.8	1.95	for/pour/para/für/para/per 90 mm and/et/y/ und/e 110 mm primary/ primaire/primario/ Primärrohr/primário/primario
19TSMASHS225B6	225	1x5.8	225	8.6	6.24	for/pour/para/für/para/per 160 mm primary/ primaire/primario/Primärrohr/primário/primario



TUYAUTERIE SECONDAIRE CONFORME IP ET KIWA - BARRES
 TUBERÍA SECUNDARIA EN CONFORMIDAD CON IP Y KIWA - BARRAS
 MANTELROHRSYSTEM - MIT ZERTIFIKAT IP UND KIWA - STANGEN
 TUBO DE CONTENÇÃO SECUNDÁRIO EM CONFORMIDADE COM IP E KIWA - BARRAS
 TUBO DI CONTENIMENTO SECONDARIO IN ACCORDO CON IP E KIWA - BARRE

EN 14125 & KIWA LISTED SECONDARY CONTAINMENT PIPE - STRAIGHT LENGTHS/STICKS (TSMASUS)

Code	ø	Package (m)	Dn	S min	Weight kg/m	Notes
19TSMASUS63B6	63	4x5.8	63	2.5	0.53	for/pour/para/für/para/per 50 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASUS75B6	75	3x5.8	75	2.9	0.71	for/pour/para/für/para/per 63 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASUS125B6	125	1x5.8	125	4.8	1.95	for/pour/para/für/para/per 90 mm and/et/y/ und/e 110 mm primary/ primaire/primario/ Primärrohr/primário/primario
19TSMASUS225B6	225	1x5.8	225	8.6	6.24	for/pour/para/für/para/per 160 mm primary/ primaire/primario/Primärrohr/primário/primario



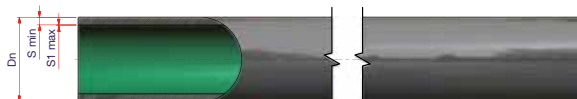
TUYAUTERIE SECONDAIRE POUR ADBLUE/URÉE - BARRES
 TUBERÍA SECUNDARIA PARA ADBLUE/UREA - BARRAS
 MANTELROHRSYSTEM FÜR ADBLUE/UREA - STANGEN
 TUBO DE CONTENÇÃO SECUNDÁRIO PARA ADBLUE/UREIA - BARRAS
 TUBO DI CONTENIMENTO SECONDARIO PER ADBLUE/UREA - BARRE

ADBLUE/DEF/UREA SECONDARY CONTAINMENT PIPE - STRAIGHT LENGTHS/STICKS (TSMASUREA)

Code	ø	Package (m)	Dn	S min	Weight kg/m	Notes
19TSMASUREA40B6	40	4x5.8	40	2.4	0.30	for/pour/para/für/para/per 32 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASUREA63B6	63	4x5.8	63	2.5	0.53	for/pour/para/für/para/per 50 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASUREA75B6	75	3x5.8	75	2.9	0.71	for/pour/para/für/para/per 63 mm primary/ primaire/primario/Primärrohr/primário/primario
19TSMASUREA125B6	125	1x5.8	125	4.8	1.95	for/pour/para/für/para/per 90 mm and/et/y/ und/e 110 mm primary/ primaire/primario/Primärrohr/primário/primario



TUYAUTERIE SECONDAIRE CONFORME UL 971 - BARRES
 TUBERÍA SECUNDARIA EN CONFORMIDAD CON UL 971 - BARRAS
 MANTELROHRSYSTEM - MIT ZERTIFIKAT UL 971 - STANGEN
 TUBO DE CONTENÇÃO SECUNDÁRIO EM CONFORMIDADE COM UL 971 - BARRAS
 TUBO DI CONTENIMENTO SECONDARIO IN CONFORMITÀ ALLA NORMA UL 971 - BARRE

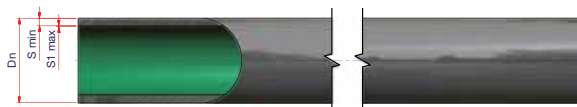


UL 971 LISTED SECONDARY CONTAINMENT PIPE - STRAIGHT LENGTHS/STICKS (TSMAXS)

Code	ø	Package (m)	Dn	S min	S1 max	Weight kg/m	Notes
19TSMAXS50B6	50	4x5.8	50	2.5	0.5	0.50	for/pour/para/für/para/per 32 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAXS63B6	63	4x5.8	63	2.5	0.5	0.64	for/pour/para/für/para/per 50 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAXS75B6	75	3x5.8	75	2.9	0.5	0.84	for/pour/para/für/para/per 63 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAXS125B6	125	1x5.8	125	4.8	0.5	2.17	for/pour/para/für/para/per 90 mm and/et/y/ und/e 110 mm primary/primaire/primario/ Primärrohr/primário/primário



TUYAUTERIE SECONDAIRE POUR RÉCUPÉRATION DE VAPEURS ET EVENT CONFORME UL 971 - BARRES
 TUBERÍA SECUNDARIA PARA RECUPERACIÓN DE VAPORES Y VENTEO EN CONFORMIDAD CON UL 971 - BARRAS
 MANTELROHRSYSTEM FÜR GASPENDELUNG UND ENTLÜFTUNG - MIT ZERTIFIKAT UL 971 - STANGEN
 TUBO DE CONTENÇÃO SECUNDÁRIO PARA LINHA DE VAPOR E RESPIRO EM CONFORMIDADE COM UL 971 - BARRAS
 TUBO DI CONTENIMENTO SECONDARIO PER RECUPERO VAPORI E LINEE DI EQUILIBRIO IN CONFORMITÀ ALLA NORMA UL 971 - BARRE



UL 971 LISTED SECONDARY CONTAINMENT VAPOR / VENT PIPE - STRAIGHT LENGTHS/STICKS (TSMAUXS)

Code	ø	Package (m)	Dn	S min	S1 max	Weight kg/m	Notes
19TSMAUXS50B6	50	4x5.8	50	2.5	0.5	0.50	for/pour/para/für/para/per 32 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAUXS63B6	63	4x5.8	63	2.5	0.5	0.64	for/pour/para/für/para/per 50 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAUXS75B6	75	3x5.8	75	2.9	0.5	0.85	for/pour/para/für/para/per 63 mm primary/ primaire/primario/Primärrohr/primário/ primário
19TSMAUXS125B6	125	1x5.8	125	4.8	0.5	2.17	for/pour/para/für/para/per 90 mm and/et/y/ und/e 110 mm primary/primaire/primario/ Primärrohr/primário/primário

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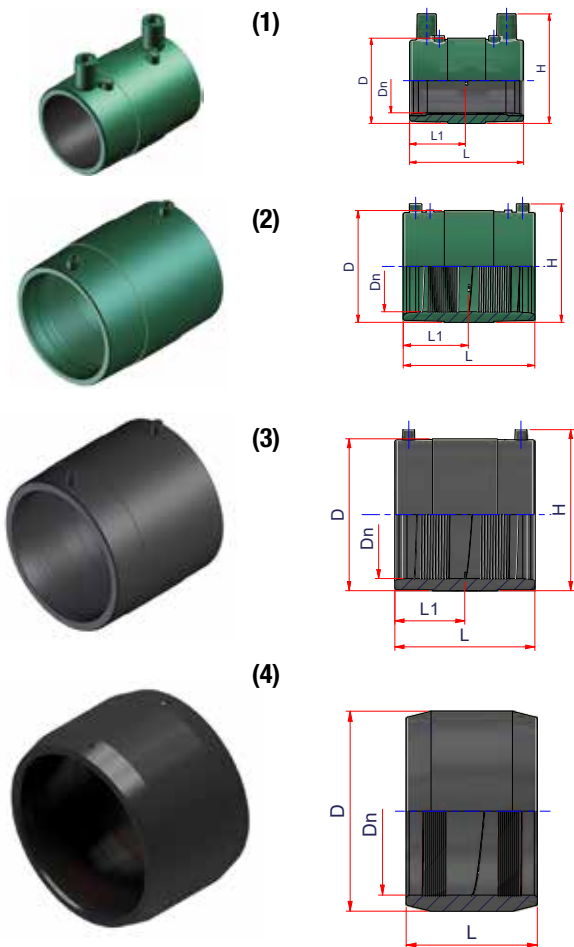
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Contattare NUPI INDUSTRIE ITALIANE per lunghezze fuori standard e relativi tempi di consegna.

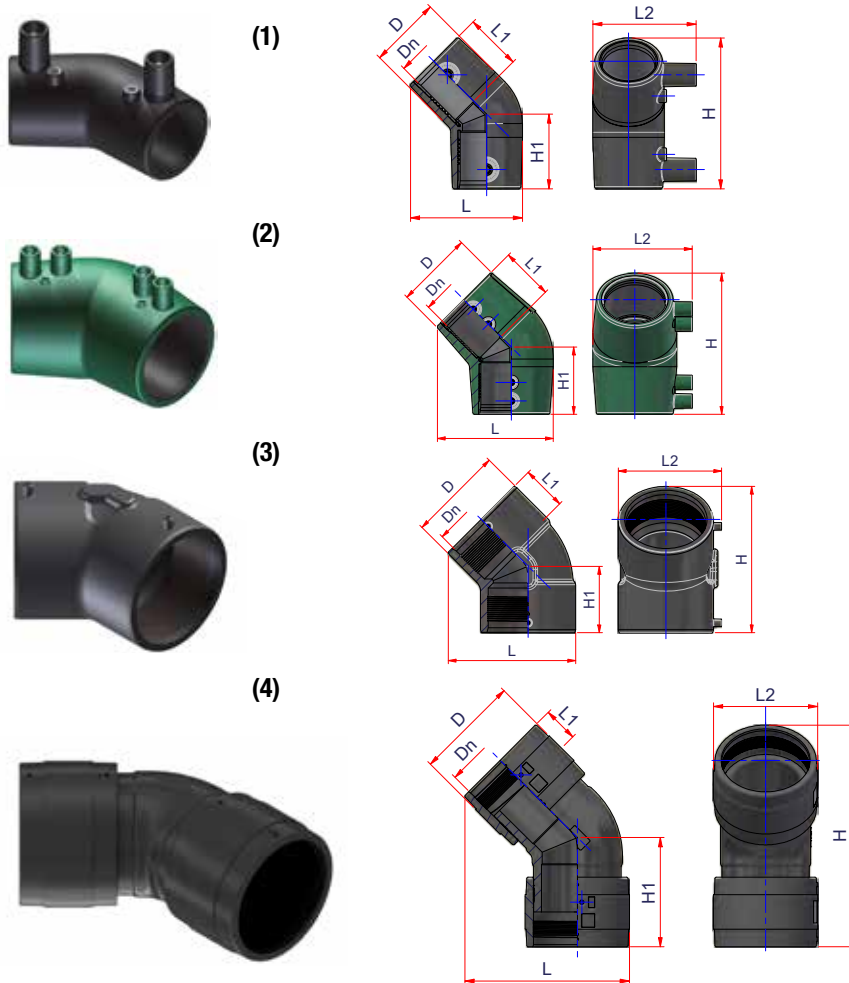
SINGLE WALL FITTINGS
RACCORDS SIMPLE PAROI
ACCESORIOS SIMPLE PARED
EINWANDIGE FITTINGS
ACESSÓRIOS DE PAREDE SIMPLES
RACCORDI SINGOLA PARETE



MANCHON SIMPLE PAREI ELECTROSOUDABLE
 MANGUITO SIMPLE PARED ELECTROSOLDABLE
 ELEKTROSCHEISSBARE EINWANDIGE MUFFE
 UNIÃO PAREDE SIMPLS ELECTROSOLDÁVEL
 MANICOTTO SINGOLA PARETE ELETTRISALDABILE

COUPLER - ELECTROFUSION (SME - SMEN)

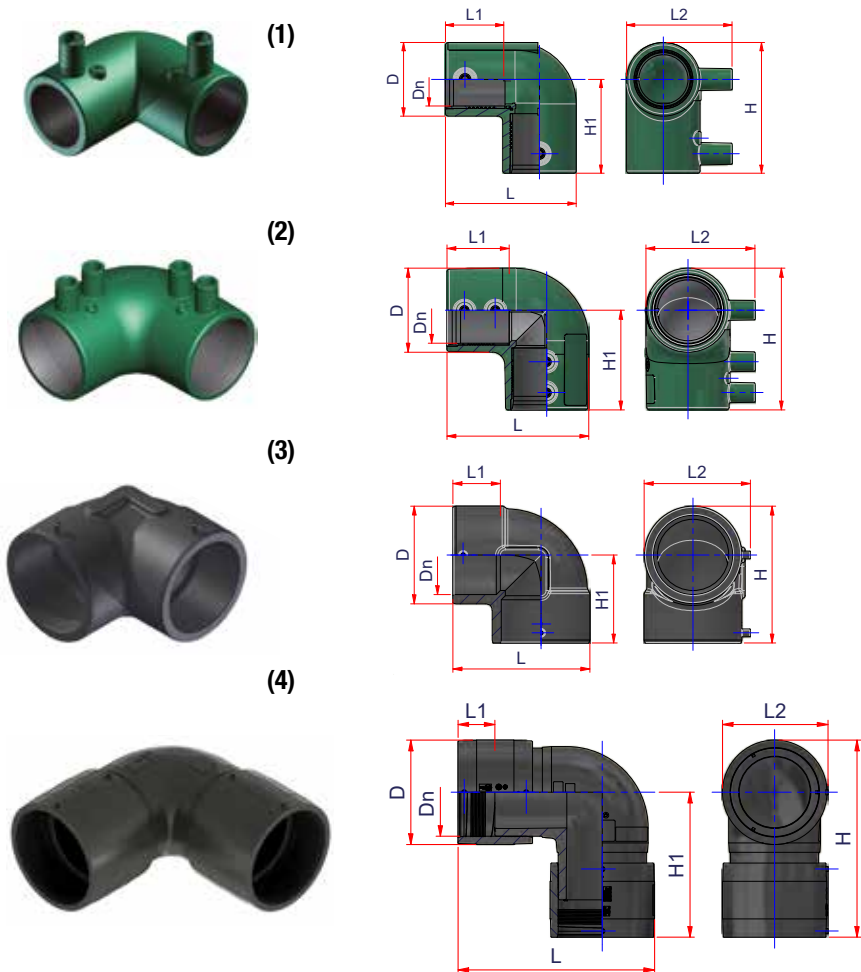
Code	\varnothing	D_n	D	L_1	L	H	Notes
19SME32 ⁽¹⁾	32	32	46	34	70	65	
19SME40 ⁽¹⁾	40	40	55	41	84	75	
19SME50 ⁽¹⁾	50	50	67	42	87	86	
19SME63 ⁽¹⁾	63	63	80	48	98	98	
19SMEN90 ⁽²⁾	90	90	113	72	145	128	
19SMEN110 ⁽²⁾	110	110	134	77	155	150	
19SMEN160 ⁽³⁾	160	160	191	86	173	201	
19SMEN200 ⁽³⁾	200	200	236	92	185	243	
19SMEN250 ⁽³⁾	250	250	296	106	212	300	
19SMEN280 ⁽⁴⁾	280	280	338	135	270	340	
19SMEN315 ⁽⁴⁾	315	315	375.5	126	252	381	



MANCOUDE SIMPLE PAROI À 45° ELECTROSOUDABLE
 CODO SIMPLE PARED DE 45° ELECTROSOUDABLE
 ELEKTROSCHWEISSBARER EINWANDIGER 45°-WINKEL
 COTOVELO 45° PAREDE SIMPLES ELECTROSOLDÁVEL
 CURVA SINGOLA PARETE A 45° ELETTRISALDABILE

ELBOW 45° - ELECTROFUSION (SCE)

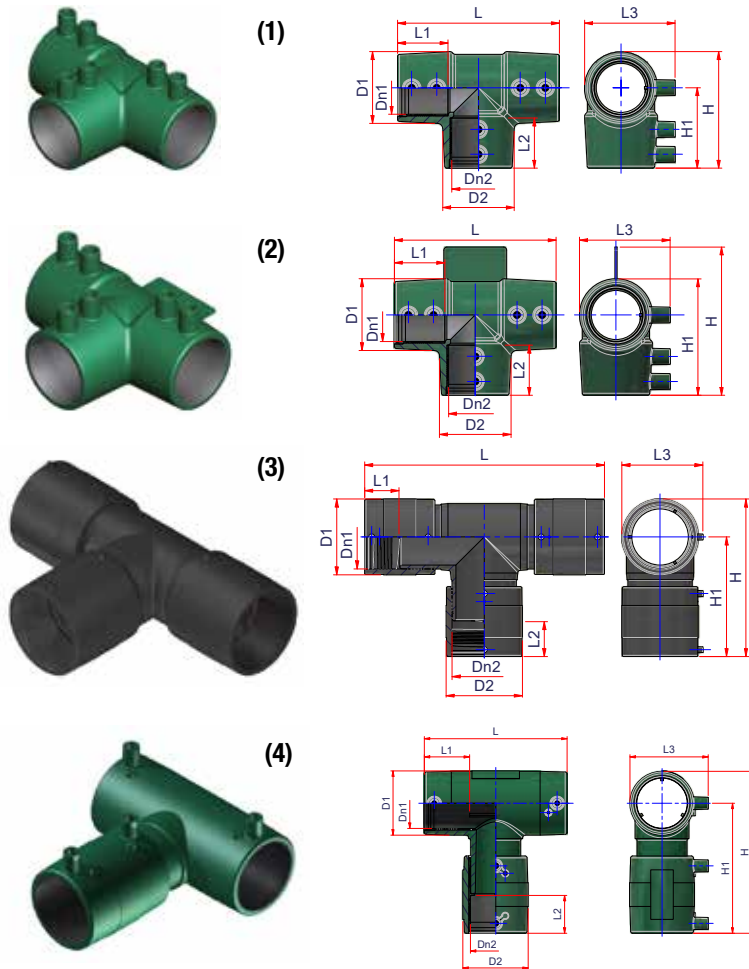
Code	\varnothing	Dn	D	L1	L2	L	H1	H	Notes
19SCE32 ⁽¹⁾	32	32	45	36	64	70.5	46.5	94.5	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19SCE50 ⁽²⁾	50	50	65	48	84	99	62.5	128.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE63 ⁽²⁾	63	63	82	54	101	119	70	148	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE90 ⁽²⁾	90	90	120	70	145	171	98.5	210	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE110 ⁽²⁾	110	110	136	80.5	161.5	197	114.5	243	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE160 ⁽³⁾	160	160	194	86	211.5	260	134	297	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19SCE200 ⁽³⁾	200	200	243	99	250	325	167	370	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19SCE250 ⁽⁴⁾	250	250	300	106	300	484	326	660	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE280 ⁽⁴⁾	280	280	338	135	338	563.5	392	786.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCE315 ⁽⁴⁾	315	315	375.5	126	375.5	597	394	804	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare



COUDE SIMPLE PARI À 90° ELECTROSOUDABLE
 CODO SIMPLE PARED DE 90° ELECTROSOUDABLE
 ELEKTROSCHWEISSBARER EINWANDIGER 90°-WINKEL
 COTOVELO 90° PAREDE SIMPLES ELECTROSOLDÁVEL
 CURVA SINGOLA PARETE A 90° ELETTRISALDABILE

ELBOW 90° - ELECTROFUSION (SGE)

Code	ø	Dn	D	L1	L2	L	H1	H	Notes
19SGE32 ⁽¹⁾	32	32	45	35	65	66.5	57.5	80.5	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilaire
19SGE40 ⁽²⁾	40	40	56	41	75	95.5	67.5	95.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE50 ⁽²⁾	50	50	65	47	84	109.5	77	109.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE63 ⁽²⁾	63	63	82	53	100	129	88	129	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE90 ⁽²⁾	90	90	120	68	136	182	122	182	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE110 ⁽²⁾	110	110	136	81	154	210	140.5	210	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE160 ⁽³⁾	160	160	194	90	208	267	173	267	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilaire
19SGE200 ⁽³⁾	200	200	243	100	255	335	213	335.5	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilaire
19SGE250 ⁽⁴⁾	250	250	300	106	300	710	411	561	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE280 ⁽⁴⁾	280	280	338	135	338	798	460	629	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGE315 ⁽⁴⁾	315	315	375.5	126	375.5	860	484	672	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare



TÉ ÉGAL SIMPLE PAREI ELECTROSOUDABLE
TE SIMPLE PARED ELECTROSOUDABLE
ELEKTROSCHWEISSBARES EINWANDIGES T-STÜCK
TUBO EM T PAREDE SIMPLES ELECTROSOLDÁVEL
TEE SINGOLA PARETE ELETTRISALDABILE

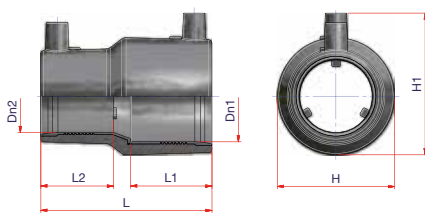
EQUAL TEE - ELECTROFUSION (STE - STELV)

Code	ø	Dn1	Dn2	D1	D2	L1	L2	L3	L	H1	H	Notes
19STELV32 ⁽⁴⁾ •	32	32	32	44	46	44	39	74	133	118	192	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE40 ⁽¹⁾	40	40	40	61	61	31	31	75.5	140	70	100.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19STELV40 ⁽⁴⁾ •	40	40	40	54	55	44	42	74	133	125	152	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE50 ⁽²⁾	50	50	50	69	69	48	48	86	154	77	142	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19STELV50 ⁽⁴⁾ •	50	50	50	66	67	46.5	42	85	153	142	175	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE63 ⁽¹⁾	63	63	63	87	87	54	54	103	182	91	135	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19STELV63 ⁽⁴⁾ •	63	63	63	84	83	87	48	99	180	162	204	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE90 ⁽¹⁾	90	90	90	119	119	70	70	135.5	244	122	181.5	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19STE110 ⁽¹⁾	110	110	110	140	140	83	83	154	288	144	214	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19STE160 ⁽³⁾ •	160	160	160	191	191	87	87	201	608	304	399.5	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE200 ⁽³⁾ •	200	200	200	236	236	92	92	243	684	342	460	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE250 ⁽³⁾ •	250	250	250	296	296	106	106	300	842	421	569	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE280 ⁽³⁾ •	280	280	280	338	338	135	135	340	920	460	629	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare
19STE315 ⁽³⁾ •	315	315	315	375.5	375.5	126	126	381	1012	506	694	single wire/monofilaire/unifilar/Einleitersystem/unifilar/monofilare

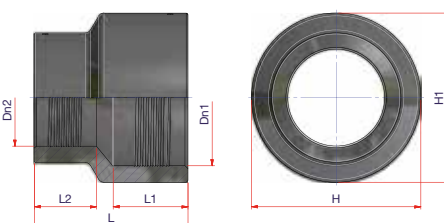
• tee+coupler - té+manchon - te+manguito - T-Stück+ Muffe - tubo em T + união - tee+manicotto



(1)



(2)



RÉDUCTION ELECTROSOUISIBLE
 REDUCCIÓIN ELECTROSOLDABLE
 ELEKTROSCHWEISSBARES REDUZIERSTÜCK
 REDUÇÃO ELECTROSOLDÁVEL
 RIDUZIONE ELETTRISALDABILE

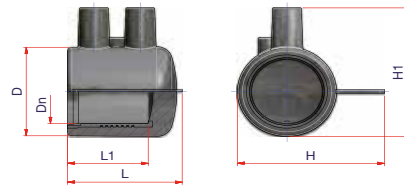
CONCENTRIC REDUCER - ELECTROFUSION (SRDEL)

Code	ø	Dn1	Dn2	L1	L2	L	H1	H	Notes
19SRDEL4032 ⁽¹⁾	40 x 32	40	32	47	42	95	74	55	
19SRDEL5032 ⁽¹⁾	50 x 32	50	32	49.5	41.5	100	85	64	
19SRDEL6332 ⁽¹⁾	63 x 32	63	32	55.5	42	118	99	81.5	
19SRDEL6350 ⁽¹⁾	63 x 50	63	50	55.5	50	118	99	81.5	
19SRDEL7563 ⁽¹⁾	75 x 63	75	63	60	57	125	114	97	
19SRDEL9050 ⁽¹⁾	90 x 50	90	50	72	49	142	133.5	117	
19SRDEL9063 ⁽¹⁾	90 x 63	90	63	68	62	150	131	115	
19SRDEL11063 ⁽¹⁾	110 x 63	110	63	72.5	63	160	150.5	135	
19SRDEL11090 ⁽¹⁾	110 x 90	110	90	73	68.5	158	150.5	135	
19SRDEL200160 ^{(2) (*)}	200 x 160	200	160	113	102	225	250	250	
19SRDEL250200 ^{(2) (*)}	250 x 200	250	200	119	98	242	305	305	
19SRDEL315250 ^{(2) (*)}	315 x 250	315	250	120	120	270	390	390	
19SRDEL315280 ^{(2) (*)}	315 x 280	315	280	155	130	295	390	390	

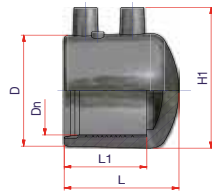
(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta



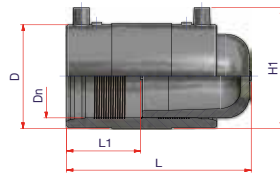
(1)



(2)



(3)

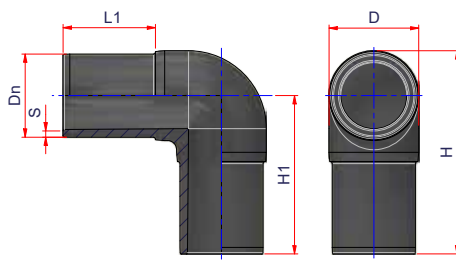


BOUCHON ELECTROSOUABLE
TAPÓN ELECTROSOLDABLE
ELEKTROSCHWEISSBARER VERSCHLUSS
TAMPA ELECTROSOLDÁVEL
TAPPO ELETTRISALDABILE

END CAP - ELECTROFUSION (STPCLEL)

Code	ø	Dn	D	L1	L	H	H1	Notes
19STPCLEL32 ⁽¹⁾	32	32	45	36	52	67	65	
19STPCLEL40 ⁽¹⁾	40	40	53	43	62.5	80	73	
19STPCLEL50 ⁽¹⁾	50	50	68	46.5	61	89	86	
19STPCLEL63 ⁽²⁾	63	63	80.5	52	70	-	100	
19STPCLEL90 ⁽³⁾ •	90	90	113	72	180	-	130	
19STPCLEL110 ⁽³⁾ •	110	110	136	76.5	195	-	144	
19STPCLEL125 ⁽³⁾ •	125	125	156	82	210	-	168	
19STPCLEL160 ⁽³⁾ •	160	160	191	87	230	-	201	
19STPCLEL200 ⁽³⁾ •	200	200	236	92	265	-	243	
19STPCLEL250 ⁽³⁾ •	250	250	296	106	256	-	300	
19STPCLEL280 ⁽³⁾ •	280	280	355	135	227	-	355	
19STPCLEL315 ⁽³⁾ •	315	315	400	126	328	-	400	

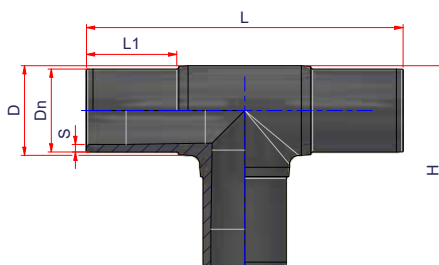
• spigot end cap+coupler – bouchon à ergot+manchon – tapón espiga+manguito - Stutzenverschluss+Muffe – tampa do espigão+união – tappo a codolo+manicotto



COUDE SIMPLE PAREI À 90° À ERGOT
 CODO SIMPLE PARED ESPIGA DE 90°
 EINWANDIGER 90°-KRÜMMER MIT STUTZEN
 COTOVELO 90° DE PAREDE SIMPLES COM ESPIGÃO
 CURVA SINGOLA PARETE A 90° A CODOLO

ELBOW 90° - LONG SPIGOT (SG)

Code	ø	Dn	D	S	L1	H	Notes
19SG32	32	32	35	3	59	93	
19SG40	40	40	43	3.7	57	107	
19SG50	50	50	53	4.6	60	120	
19SG63	63	63	68	5.8	70	154	
19SG90	90	90	96	8.2	89	197	
19SG110	110	110	121	10	87	212.5	
19SG160	160	160	172	14.6	101	323.5	
19SG200	200	200	213	18.2	116	354	
19SG250	250	250	260	22.7	135	435	
19SG280	280	280	285	25.4	140	485	
19SG315	315	315	320	28.6	165	518	



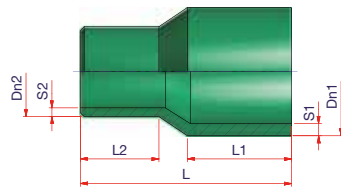
TÉ ÉGAL SIMPLE PAREI À ERGOT
 TE SIMPLE PARED ESPIGA
 EINWANDIGES T-STÜCK MIT STUTZEN
 TUBO EM T PAREDE SIMPLES COM ESPIGÃO
 TEE SINGOLA PARETE A CODOLO

EQUAL TEE - LONG SPIGOT (ST)

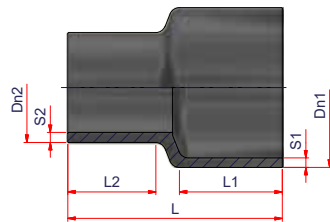
Code	ø	Dn	D	S	L1	L	H	Notes
19ST32	32	32	34	3	60	163	98,5	
19ST40	40	40	42	3,7	60	168	105	
19ST50	50	50	53	4,6	57	180	116,5	
19ST63	63	63	68	5,8	70	240	154	
19ST90	90	90	97,5	8,2	90	297	197	
19ST110	110	110	122	10	87	320	221	
19ST160	160	160	167	14,6	103	420	293,5	
19ST200	200	200	208,5	18,2	117	500	354	
19ST250	250	250	260,5	22,7	135	610	435	
19ST280	280	280	288	25,4	155	650	469	
19ST315	315	315	328,5	28,6	169	717	523	



(1)



(2)



RÉDUCTION (TERMINAISON MÂLE X TERMINAISON MÂLE)
 REDUCCIÓN (ESPIGA MACHO X ESPIGA MACHO)
 REDUZIERSTÜCK (STUTZEN X STUTZEN)
 REDUÇÃO (ESPIGÃO MACHO X ESPIGÃO MACHO)
 RIDUZIONE (CODOLO MASCHIO X CODOLO MASCHIO)

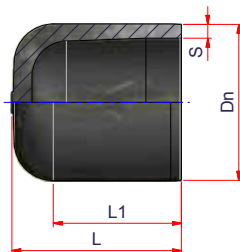
CONCENTRIC REDUCER - SPIGOT X SPIGOT (SR)

Code	ø	Dn1	Dn2	S1	S2	L1	L2	L	Notes
19SR4032 ⁽¹⁾	40 x 32	40	32	3.7	3	49	43	100	
19SR5032 ⁽¹⁾	50 x 32	50	32	4.6	3	57	41	113	
19SR5040 ⁽¹⁾	50 x 40	50	40	4.6	3.7	57	49	110	
19SR6332 ⁽¹⁾	63 x 32	63	32	5.8	3	57	44	129	
19SR6340 ⁽¹⁾	63 x 40	63	40	5.8	3.7	57	47	122	
19SR6350 ⁽¹⁾	63 x 50	63	50	5.8	4.6	60	54	139	
19SR9050 ⁽¹⁾	90 x 50	90	50	8.2	4.6	73	58	151	
19SR9063 ⁽¹⁾	90 x 63	90	63	8.2	5.8	73	55	148	
19SR11063 ⁽¹⁾	110 x 63	110	63	10	5.8	85	64	175	
19SR11090 ⁽¹⁾	110 x 90	110	90	10	8.2	76	68	171	
19SR16090 ⁽²⁾	160 x 90	160	90	14.6	8.2	108	90	230	
19SR160110 ⁽²⁾	160 x 110	160	110	14.6	10	103	88	215	
19SR200160 ⁽²⁾	200 x 160	200	160	18.2	14.6	118	101	240	
19SR250200 ⁽²⁾	250 x 200	250	200	22.7	18.2	130	115	280	
19SR280200 ⁽²⁾	280 x 200	280	200	25.4	18.2	142	115	292	
19SE280250 ⁽²⁾	280 x 250	280	250	25.4	22.7	140	130	287	
19SR315250 ⁽²⁾	315 x 250	315	250	28.6	22.7	152	131	305	
19SR315280 ⁽²⁾	315 x 280	315	280	28.6	25.4	152	141	315	

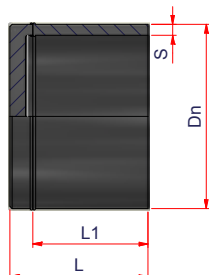
• elongated spigot - ergot allongé - espiga alargada - verlängerter Schaft - espiga alongada - codolo allungato



(1)



(2)



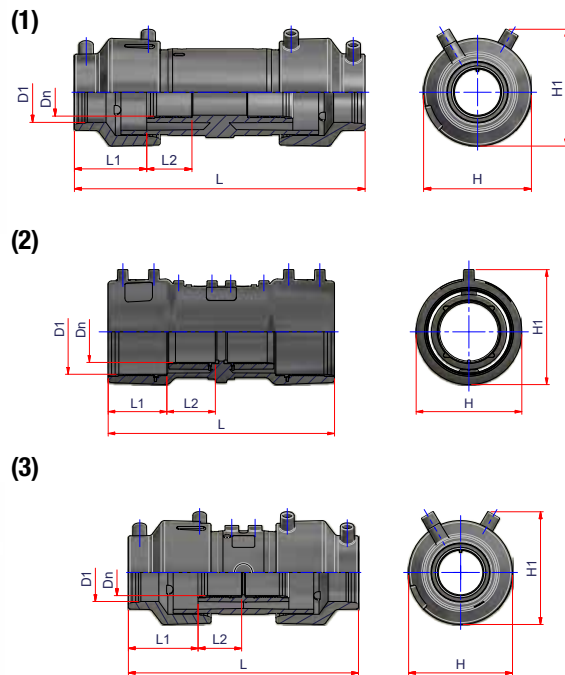
BOUCHON À ERGOT
TAPÓN EPIGA
STUTZENVERSCHLUSS
TAMPA DO EPIGÃO
TAPPO A CODOLO

SPIGOT END CAP (STPCL)

Code	ø	Dn	S	L1	L	Notes
19STPCL32 ⁽¹⁾	32	32	3	49	57	
19STPCL40 ⁽¹⁾	40	40	3.7	53	64	
19STPCL50 ⁽¹⁾	50	50	4.6	58	70	
19STPCL63 ⁽¹⁾	63	63	5.8	68	84	
19STPCL90 ⁽¹⁾	90	90	8.2	83	103	
19STPCL110 ⁽¹⁾	110	110	10	87	115	
19STPCL125 ⁽¹⁾	125	125	11.4	95	125	
19STPCL160 ⁽¹⁾	160	160	14.6	108	140	
19STPCL200 ⁽¹⁾	200	200	18.2	133	172	
19STPCL250 ⁽¹⁾	250	250	22.7	117	150	
19STPCL280 ⁽²⁾ •	280	280	25.4	112	162	
19STPCL315 ⁽²⁾ •	315	315	28.6	157	270	

• elongated spigot - ergot allongé - espiga alargada - verlängerter Schaft - espiga alongada - codolo allungato

DOUBLE WALL FITTINGS
RACCORDS DOUBLE PAROI
ACCESORIOS DOBLE PARED
DOPPELWANDIGE FITTINGS
ACESSÓRIOS DE PAREDE DUPLA
RACCORDI DOPPIA PARETE

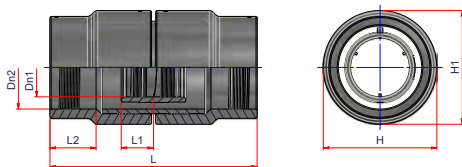


MANCHON COAXIAL POUR TUYAUTERIE DOUBLE PAROI
ELECTROSOUDABLE
MANGUITO COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE
ELEKTROSCHWEISSBARE KOAXIALE MUFFE FÜR
DOPPELWANDIGES ROHRSYSTEM
UNIÃO COAXIAL DE PAREDE DUPLA ELECTROSOLDÁVEL
MANICOTTO COASSIALE DOPPIA PARETE
ELETTRISALDABILE

COAXIAL COUPLER - ELECTROFUSION (SMEDW)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SMEDW32 ⁽¹⁾ •	32	32	40	125	36.6	333	99	81.5	
19SMEDW50 ⁽³⁾ •	50	50	63	77	48	254	124	114	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDW63 ⁽³⁾ •	63	63	75	89	54	289	143	135	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDW90 ⁽²⁾	90	90	125	91	70	340	172	159	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDW110 ⁽³⁾	110	110	125	107	83	402	207	191	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse

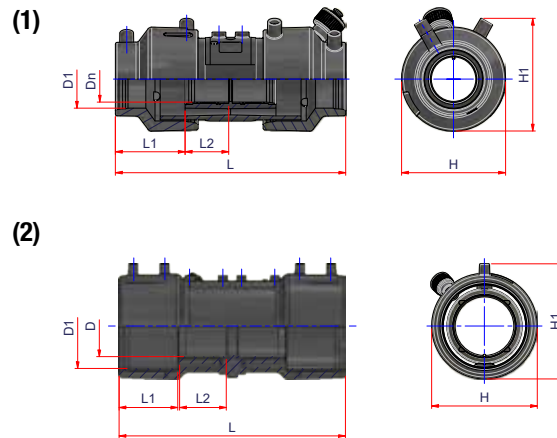


MANCHON COAXIAL POUR TUYAUTERIE DOUBLE PAROI
ELECTROSOUDABLE
MANGUITO COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE
ELEKTROSCHWEISSBARE KOAXIALE MUFFE FÜR
DOPPELWANDIGES ROHRSYSTEM
UNIÃO COAXIAL DE PAREDE DUPLA ELECTROSOLDÁVEL
MANICOTTO COASSIALE DOPPIA PARETE
ELETTRISALDABILE

COAXIAL COUPLER - ELECTROFUSION (SMEDWR)

Code	ø	Dn1	Dn2	L1	L2	L	H1	H	Notes
19SMEDWR160225 ^{(*) (**)}	160 x 225	160	225	87.5	125	561	308	308	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SMEDWR200250 ^(*)	200 x 250	200	250	91.5	120	610	400	400	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare

- (*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta
- (**) you can use items SMEN160 + SMES225 for unbound bars - vous pouvez utiliser les articles SMEN160 + SMES225 pour des barres non liées - es posible utilizar los artículos SMEN160 + SMES225 para barras no vinculadas - Sie können SMEN160 + SMES225 für ungebundene Stangen benutzen - é possível usar os artigos SMEN160 + SMES225 para barras não ligadas - è possibile utilizzare gli articoli SMEN160 + SMES225 per barre libere

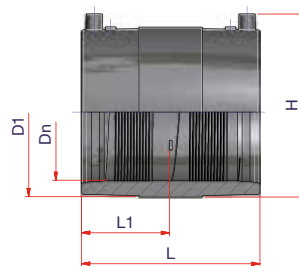


MANCHON COAXIAL POUR TUYAUTERIE DOUBLE PARI
ELECTROSODABLE AVEC PRISE DE TEST
MANGUITO COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE CON VÁLVULA DE PRUEBA
ELEKTROSCHEISSBARE KOAXIALE MUFFE FÜR
DOPPELWANDIGES ROHRSYSTEM MIT PRÜFANSCHLUSS
UNIÃO COAXIAL DE PAREDE DUPLA ELECTROSOLDÁVEL
COM TOMADA PARA TESTE
MANICOTTO COASSIALE DOPPIA PARETE
ELETTROSALDABILE CON VALVOLA DI PROVA PER TEST IN
PRESSIONE

COAXIAL COUPLER WITH TEST PORT - ELECTROFUSION (SMEDWTP)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SMEDWTP50 ⁽¹⁾ •	50	50	63	77	48	254	124	114	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDWTP63 ⁽¹⁾ •	63	63	75	89	54	289	143	135	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDWTP90 ⁽²⁾	90	90	125	91	70	340	172	159	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta
19SMEDWTP110 ⁽¹⁾	110	110	125	107	83	402	207	191	compact design - structure compacte - estructura compacta - kompakte struktur - estrutura compacta - struttura compatta

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse

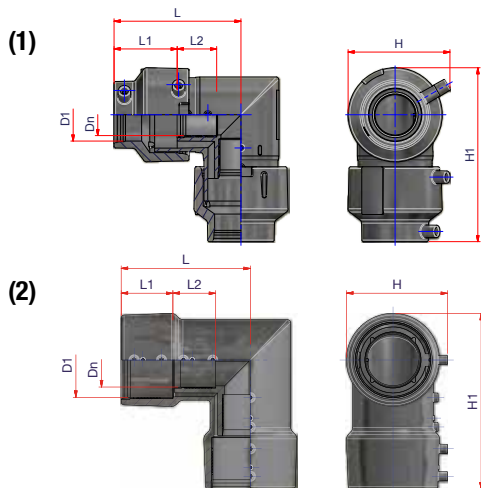


MANCHON POUR TUYAU SECONDAIRE ELECTROSODABLE
MANGUITO PARA TUBERÍA SECUNDARIA ELECTROSOLDABLE
ELEKTROSCHEISSBARE MUFFE FÜR MANTELROHRSYSTEM
UNIÃO PARA TUBO DE CONTENÇÃO SECUNDÁRIO ELECTROSODÁVEL
MANICOTTO PER TUBO SECONDARIO ELETTROSALDABILE

SECONDARY CONTAINMENT COUPLER - ELECTROFUSION (SMES)

Code	ø	Dn	D1	L1	L	H	Notes
19SMES75 (*)	75	75	98	61	125	114	
19SMES125	125	125	156	82	166	168	
19SMES160	160	160	191	87	175	201	
19SMES225 (*)	225	225	272	104	212	274	

- (*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

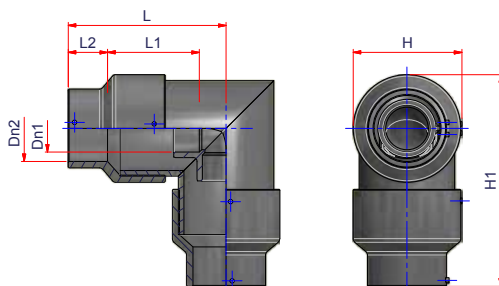


COUDE COAXIAL À 90° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOLDABLE
CODO COAXIAL DE 90° PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE
ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
90°-KRÜMMER
COTOVELO 90° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL
CURVA COASSIALE A 90° DOPPIA PARETE
ELETTRISALDABILE

COAXIAL ELBOW 90° - ELECTROFUSION (SGEDW)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SGEDW32 ⁽¹⁾ •	32	32	40	125.5	37	183.5	224.5	102	
19SGEDW50 ⁽¹⁾ •	50	50	63	77	48	154	211	125	
19SGEDW63 ⁽¹⁾ •	63	63	75	88	54	179	247	143	
19SGEDW90 ⁽²⁾	90	90	125	91	70	220	299	172	
19SGEDW110 ⁽¹⁾ •	110	110	125	103.5	83	245.5	340.5	203	

• reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse



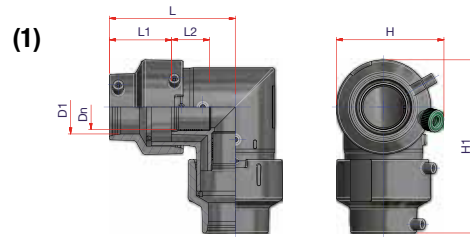
COUDE COAXIAL À 90° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOLDABLE
CODO COAXIAL DE 90° PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE
ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
90°-KRÜMMER
COTOVELO 90° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL
CURVA COASSIALE A 90° DOPPIA PARETE
ELETTRISALDABILE

COAXIAL ELBOW 90° - ELECTROFUSION (SGEDWR)

Code	ø	Dn1	Dn2	L1	L2	L	H1	H	Notes
19SGEDWR160225 •(*)	160 x 225	160	225	303	125	516	698	359	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SGEDWR200250 •(*)	200 x 250	200	250	277.5	120	508	708	400	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare

• reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse

(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta



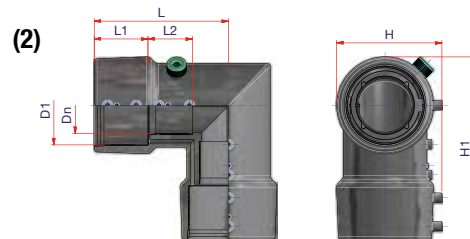
COUDE COAXIAL À 90° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOUDABLE AVEC PRISE DE TEST

CODO COAXIAL DE 90° PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE CON VÁLVULA DE PRUEBA

ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
90°-KRÜMMER MIT PRÜFANSCHLUSS

COTOVELO 90° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL COM TOMADA PARA TESTE

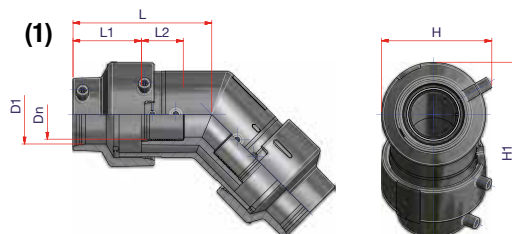
CURVA COASSIALE A 90° DOPPIA PARETE
ELETTROSALDABILE CON VALVOLA DI PROVA PER TEST IN
PRESSIONE



COAXIAL ELBOW 90° WITH TEST PORT - ELECTROFUSION (SGEDWTP)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SGEDWTP50 ⁽¹⁾ •	50	50	63	77	48	154	211	125	
19SGEDWTP63 ⁽¹⁾ •	63	63	75	88	54	179	247	143	
19SGEDWTP90 ⁽²⁾	90	90	125	91	70	220	299	172	
19SGEDWTP110 ⁽¹⁾ •	110	110	125	103.5	83	245.5	340.5	203	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse



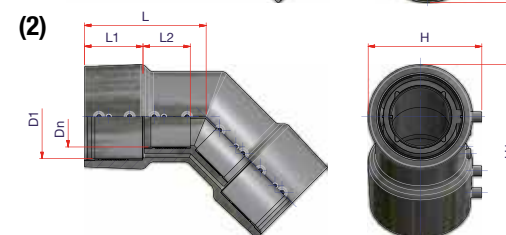
COUDE COAXIAL À 45° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOUDABLE

CODO COAXIAL DE 45° PARA TUBERÍA DOBLE PARED
ELECTROSOLDABLE

ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
45°-KRÜMMER

COTOVELO 45° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL

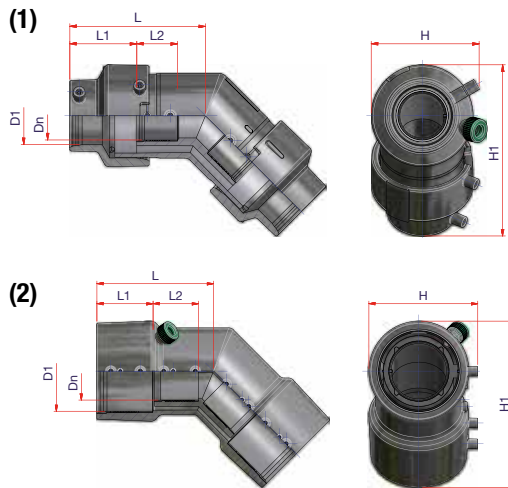
CURVA COASSIALE A 45° DOPPIA PARETE
ELETTROSALDABILE



COAXIAL ELBOW 45° - ELECTROFUSION (SCEDW)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SCEDW50 ⁽¹⁾ •	50	50	63	77	48	154	194	124	
19SCEDW63 ⁽¹⁾ •	63	63	75	89	54	180	227	150	
19SCEDW90 ⁽²⁾	90	90	125	91	70	185	263	172	
19SCEDW110 ⁽¹⁾ •	110	110	125	103.5	83	245.5	330	203	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse

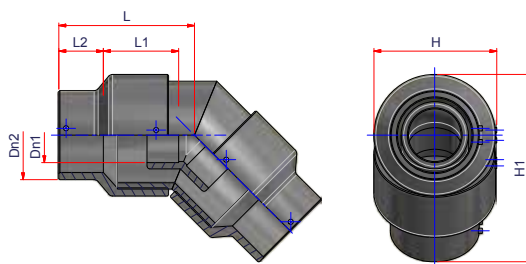


COUDE COAXIAL À 45° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOUDABLE AVEC PRISE DE TEST
CODO COAXIAL DE 45° PARA TUBERÍA DOBLE PARED
ELECTROSOUDABLE CON VÁLVULA DE PRUEBA
ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
45°-KRÜMMER MIT PRÜFVENTIL FÜR DRUCKTEST
COTOVELO 45° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL COM TOMADA PARA TESTE
CURVA COASSIALE A 45° DOPPIA PARETE
ELETTROSALDABILE CON VALVOLA DI PROVA PER TEST IN
PRESSIONE

COAXIAL ELBOW 45° WITH TEST PORT - ELECTROFUSION (SCEDWTP)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19SCEDWTP50 ⁽¹⁾ •	50	50	63	77	48	154	194	124	
19SCEDWTP63 ⁽¹⁾ •	63	63	75	89	54	180	227	150	
19SCEDWTP90 ⁽²⁾	90	90	125	91	70	185	263	172	
19SCEDWTP110 ⁽¹⁾ •	110	110	125	103.5	83	245.5	330	203	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluídas - riduzioni per tubo primario e secundario incluse



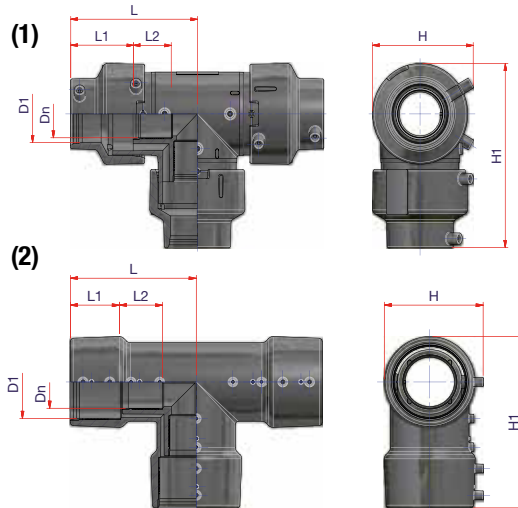
COUDE COAXIAL À 45° POUR TUYAUTERIE DOUBLE PARI
ELECTROSOUDABLE
CODO COAXIAL DE 45° PARA TUBERÍA DOBLE PARED
ELECTROSOUDABLE
ELEKTROSCHWEISSBARER DOPPELWANDIGER KOAXIALER
45°-KRÜMMER
COTOVELO 45° COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL
CURVA COASSIALE A 45° DOPPIA PARETE
ELETTROSALDABILE

COAXIAL ELBOW 45° - ELECTROFUSION (SCEDWR)

Code	ø	Dn1	Dn2	L1	L2	L	H1	H	Notes
19SCEDWR160225 •(*)	160 x 225	160	225	224.5	125	396	547	363	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare
19SCEDWR200250 •(*)	200 x 250	200	250	200	120	385	572	400	double wire/bifilaire/bifilar/Doppelleitungssystem/bifilar/bifilare

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluídas - riduzioni per tubo primario e secundario incluse

(*) available upon request - disponible sur demande - disponible sob encomenda - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

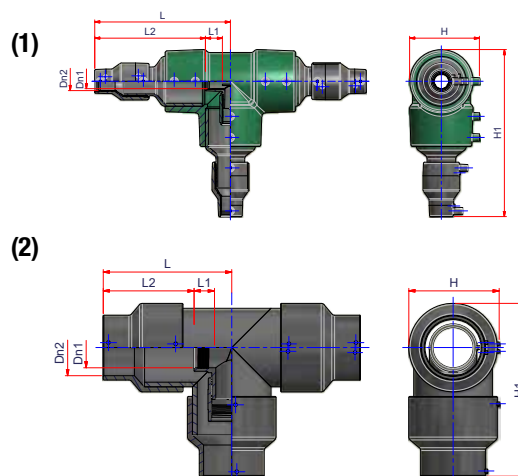


TÉ COAXIAL POUR TUYAUTERIE DOUBLE PAROI
ELECTROSOUDABLE
TE COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOUDABLE
ELEKTROSCHWEISSBARES DOPPELWANDIGES KOAXIALES
T-STÜCK
TUBO EM T DE PAREDE DUPLA ELECTROSOLDÁVEL
TEE COASSIALE DOPPIA PARETE ELETROSALDABILE

COAXIAL EQUAL TEE - ELECTROFUSION (STEDW)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19STEDW50 ⁽¹⁾ •	50	50	63	77	48	154	211	124	
19STEDW63 ⁽¹⁾ •	63	63	75	88	54	179	247	143	
19STEDW90 ⁽²⁾	90	90	125	91	70	220	299	176	
19STEDW110 ⁽¹⁾ •	110	110	125	105	83	245	340	203	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse

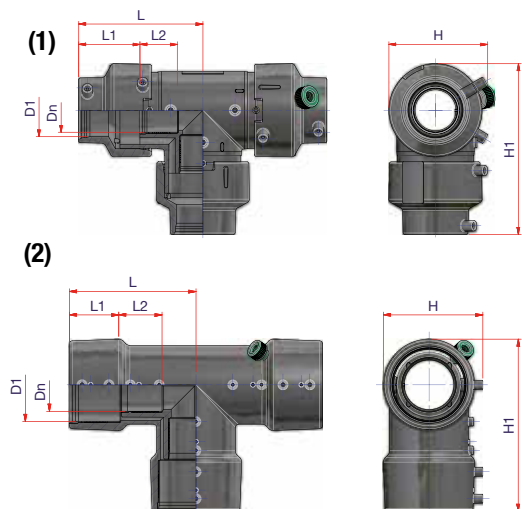


TÉ COAXIAL POUR TUYAUTERIE DOUBLE PAROI
ELECTROSOUDABLE
TE COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOUDABLE
ELEKTROSCHWEISSBARES DOPPELWANDIGES KOAXIALES
T-STÜCK
TUBO EM T DE PAREDE DUPLA ELECTROSOLDÁVEL
TEE COASSIALE DOPPIA PARETE ELETROSALDABILE

COAXIAL EQUAL TEE - ELECTROFUSION (STEDWR)

Code	ø	Dn1	Dn2	L1	L2	L	H1	H	Notes
19STEDWR32 ⁽¹⁾ •	32 x 40	32	40	37.5	245	300	369	154	
19STEDWR160225 ⁽³⁾ • (*)	160 x 225	160	225	81.6	370	516	698.5	358.7	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse
- (*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

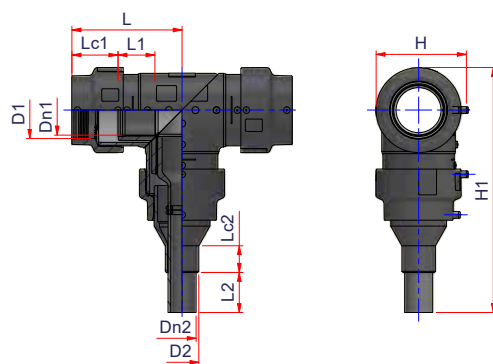


TÉ COAXIAL POUR TUYAUTERIE DOUBLE PARI
ELECTROSOUDABLE AVEC PRISE DE TEST
TE COAXIAL PARA TUBERÍA DOBLE PARED
ELECTROSOOLDABLE CON VÁLVULA DE PRUEBA
ELEKTROSCHWEISSBARES DOPPELWANDIGES KOAXIALES
T-STÜCK MIT PRÜFVENTIL FÜR DRUCKTEST
TUBO EM T COAXIAL DE PAREDE DUPLA
ELECTROSOLDÁVEL COM TOMADA PARA TESTE
TEE COASSIALE A 90° DOPPIA PARETE
ELETTROSALDABILE CON VALVOLA DI PROVA

COAXIAL EQUAL TEE WITH TEST PORT - ELECTROFUSION (STEDWTP)

Code	ø	Dn	D1	L1	L2	L	H1	H	Notes
19STEDWTP50 ⁽¹⁾ •	50	50	63	77	48	154	211	124	
19STEDWTP63 ⁽¹⁾ •	63	63	75	88	54	179	247	143	
19STEDWTP90 ⁽²⁾	90	90	125	91	70	220	299	176	
19STEDWTP110 ⁽¹⁾ •	110	110	125	105	83	245	340	203	

- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse



TÉ REDUITE POUR TUYAUTERIE DOUBLE PARI
TE REDUCIDA PARA TUBERÍA DOBLE PARED
REDUZIERTES T-STÜCK FÜR DOPPELWANDIGES ROHR
TUBO EM T COM REDUÇÃO PARA TUBULAÇÃO DE PAREDE DUPLA
TEE RIDOTTA PER TUBO DOPPIA PARETE

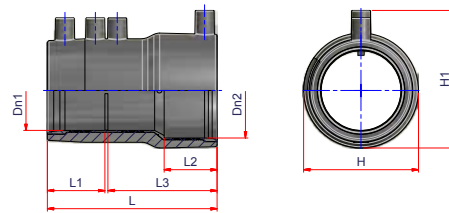
REDUCING TEE FOR DOUBLE WALL PIPE (STREDWR)

Code	ø	Dn1	D1	Dn2	D2	L1	Lc1	L2	Lc2	L	H1	H	Notes
19STREDW11063 •	110 x 63	110	125	63	75	83	105	90	60	247	550	203.5	
19STREDW11090 •	110 x 90	110	125	90	125	81.5	105	80	138	247	560.5	203.5	

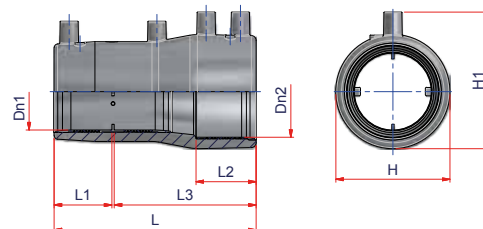
- reducers for primary and secondary pipe included - réductions pour tuyau primaire et secondaire inclus - reducciones para tubo primario y secundario incluidas - mit Reduzierstücken für Medium- und Mantelrohr - reduções para tubo primário e secundário incluidas - riduzioni per tubo primario e secundario incluse



(1)

RACCORD TERMINAL ELETROSOLDABILE DOUBLE PARI
- STRUCTURE COMPACTEUNIÓN TERMINAL ELECTROSOLDABLE DOBLE PARED -
ESTRUCTURA COMPACTADOPPELWANDIGES ELEKTROSCHWEISSBARES END-
FITTING - KOMPACTE STRUKTURUNIÃO TERMINAL DE PAREDE DUPLA ELECTROSOLDÁVEL
- ESTRUTURA COMPACTARACCORDO TERMINALE ELETTRISALDABILE DOPPIA
PARETE - STRUTTURA COMPATTA

(2)

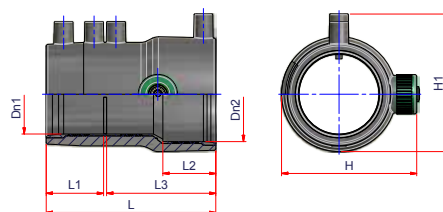


DOUBLE WALL TERMINATION FITTING - ELECTROFUSION - COMPACT DESIGN (SETFC-SETF)

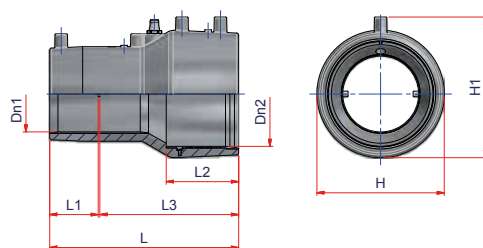
Code	ø	Dn1	Dn2	L1	L2	L3	L	H1	H	Notes
19SETFC32 ⁽¹⁾	32	32	40	37	48	95	136	74	55	
19SETFC50 ⁽¹⁾	50	50	63	45	42.5	86.5	136	98	80	
19SETFC63 ⁽¹⁾	63	63	75	45	42.5	86.5	136	110	92	
19SETF90 ⁽²⁾	90	90	125	59	88	169.5	230	172	155	
19SETFC110 ⁽¹⁾	110	110	125	69	65.5	134	207.5	168	156	



(1)

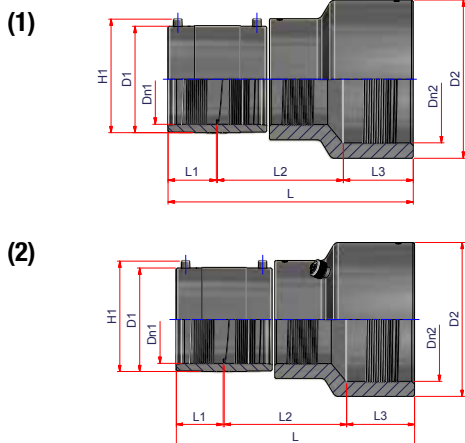
RACCORD TERMINAL ELETROSOLDABILE DOUBLE PARI
AVEC PRISE DE TEST - STRUCTURE COMPACTEUNIÓN TERMINAL ELECTROSOLDABLE DOBLE PARED CON
VÁLVULA DE PRUEBA - ESTRUCTURA COMPACTADOPPELWANDIGES ELEKTROSCHWEISSBARES END-FITTING
MIT PRÜFVENTIL FÜR DRUCKTEST - KOMPACTE STRUKTURUNIÃO TERMINAL DE PAREDE DUPLA ELECTROSOLDÁVEL
COM TOMADA PARA TESTE - ESTRUTURA COMPACTARACCORDO TERMINALE ELETTRISALDABILE DOPPIA
PARETE CON VALVOLA DI PROVA - STRUTTURA COMPATTA

(2)



DOUBLE WALL TERMINATION FITTING WITH TEST PORT - ELECTROFUSION - COMPACT DESIGN (SETFCV-SETFV)

Code	ø	Dn1	Dn2	L1	L2	L3	L	H1	H	Notes
19SETFCV32 ⁽¹⁾	32	32	40	37	48	95	136	74	75	
19SETFCV50 ⁽¹⁾	50	50	63	45	42.5	86.5	136	98	96.5	
19SETFCV63 ⁽¹⁾	63	63	75	45	42.5	86.5	136	110	108	
19SETFV90 ⁽²⁾	90	90	125	59	88	169.5	230	132	155	
19SETFCV110 ⁽¹⁾	110	110	125	69	65.5	134	207.5	168	172.5	

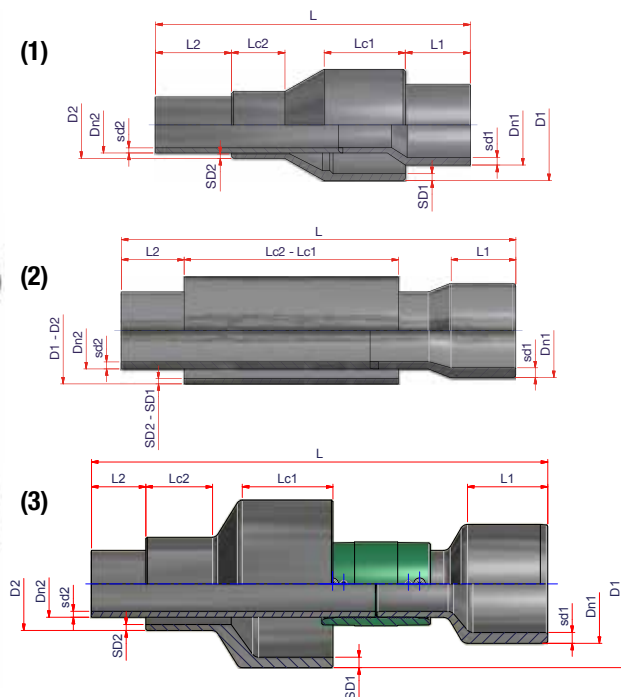


RACCORD TERMINALE ELECTROSOLDABLE DOUBLE PARI
 UNIÓN TERMINAL ELECTROSOLDABLE DOBLE PARED
 DOPPELWANDIGES ELEKTROSCHWEISSBARES END-FITTING
 UNIÃO TERMINAL DE PAREDE DUPLA ELECTROSOLDÁVEL
 RACCORDO TERMINALE ELETTRISALDABILE DOPPIA PARETE

DOUBLE WALL TERMINATION FITTING - ELECTROFUSION - (SETFR-SETFVR)

Code	ø	Dn1	Dn2	D1	D2	L	L1	L2	L3	H1	Notes
19SETFR160225 ⁽¹⁾	160	160	225	191	278	435	86	223	124	201	
19SETFVR160225 ^{(2) (*)}	160	160	225	191	278	435	86	223	124	201	
19SETFVR200250 ^{(2) (*)}	200	200	250	238	305	447	91.5	200.5	121	248	

(*) with test port - avec prise de test - con válvula de prueba - mit Prüfanschluss - com tomada para teste - con valvola di prova



RÉDUCTION CONCENTRIQUE POUR DOUBLE PARI
 (TERMINAISON MÂLE X TERMINAISON MÂLE)
 REDUCCIÓN CONCENTRICA DOBLE PARED (ESPIGA
 MACHO X ESPIGA MACHO)
 KONZENTRISCHES REDUZIERSTÜCK FÜR
 DOPPELWANDIGES ROHRSYSTEM (STUTZEN MIT
 INNENGEWINDE X STUTZEN MIT INNENGEWINDE)
 REDUÇÃO CONCÊNTRICA PAREDE DUPLA (ESPIGÃO
 MACHO X ESPIGÃO MACHO)
 RIDUZIONE CONCENTRICA DOPPIA PARETE (CODOLO
 MASCHIO X CODOLO MASCHIO)

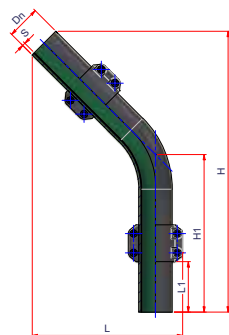
COAXIAL REDUCER - SPIGOT X SPIGOT (SRDW)

Code	ø	Dn1	Dn2	D1	D2	sd1	sd2	SD1	SD2	L1	L2	L	Lc1	Lc2	Notes
19SRDW5032 ⁽¹⁾	50 x 32	50	32	63	40	4.6	3	5.7	3.7	80	116	318	57.5	47	
19SRDW6350 ⁽¹⁾	63 x 50	63	50	75	63	5.7	4.6	4.6	3.8	90	84	314	66	44	
19SRDW9050 ⁽¹⁾	90 x 50	90	50	125	63	8.2	4.6	7.4	3.8	73	83	341	87	55	
19SRDW9063 ⁽¹⁾	90 x 63	90	63	125	75	8.2	5.7	7.4	5	73	85	353	91	60	
19SRDW11063 ⁽¹⁾	110 x 63	110	63	125	75	10	5.7	7.4	5	110	90	395	91	60	
19SRDW11090 ⁽²⁾	110 x 90	110	90	125	125	10	8.2	6	6	76	80	406	200	200	
19SRDW16090 ^{(3) (*)}	160 x 90	160	90	225	125	14.6	8.2	13.4	7.4	106	73	614	122	90	
19SRDW160110 ^{(3) (*)}	160 x 110	160	110	225	125	14.6	10	13.4	5.4	105	99.5	642	122	90	

couplers not included - manchons non inclus - manguitos no incluidos - ohne Muffen - uniões não incluídas - manicotti non inclusi

(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

FORMED FITTINGS
RACCORDS À GRAND RAYON
ACCESORIOS DE LARGO RADIO
GROSSE RADIUS-FITTINGS
ACESSÓRIOS LARGO RADIO
RACCORDI AMPIO RAGGIO

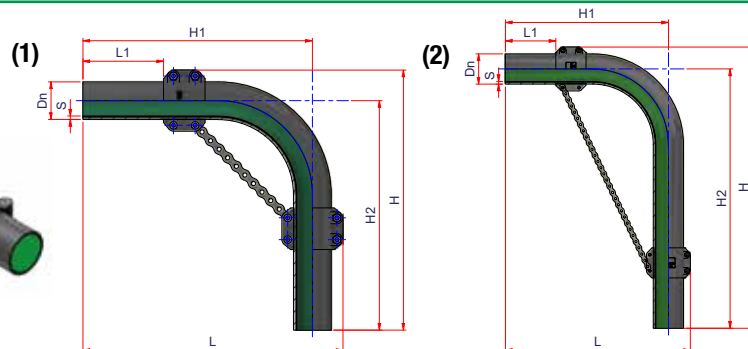


COUDE SIMPLE PAROI À 45°
 CODO SIMPLE PARED DE 45°
 EINWANDIGER 45°-KRÜMMER
 COTOVELO DE PAREDE SIMPLES 45°
 CURVA SINGOLA PARETE A 45°

FORMED BEND 45° (SCB)

Code	ø	Dn	S	L1	L	H1	H	Notes
19SCB50	50	50	4.7	125	271	295	521	
19SCB63	63	63	5.7	125	283	297	530	

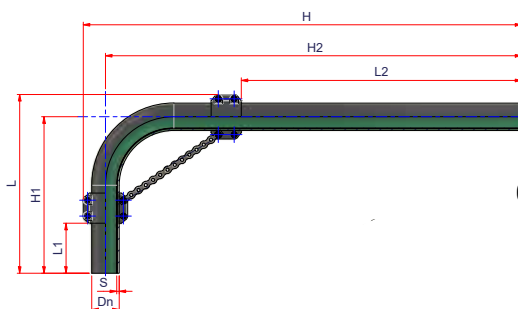
FORMED



COUDE SIMPLE PAROI À 90°
 CODO SIMPLE PARED DE 90°
 EINWANDIGER 90°-KRÜMMER
 COTOVELO DE PAREDE SIMPLES 90°
 CURVA SINGOLA PARETE A 90°

FORMED BEND 90° (SGB)

Code	ø	Dn	S	L1	L	H1	H2	H	Notes
19SGB50 ⁽¹⁾	50	50	4.7	135	370	322	322	370	
19SGB63 ⁽¹⁾	63	63	5.7	135	435	384	384	435	
19SGB90 ⁽²⁾	90	90	7.7	150	550	485	772	837	
19SGB110 ⁽¹⁾	110	110	9.1	100	536	460.4	460.4	536	



COUDE SIMPLE PAROI LONG À 90°
 CODO SIMPLE PARED LARGO DE 90°
 EINWANDIGER 90°-KRÜMMER, LANG
 COTOVELO DE PAREDE SIMPLES LONGO 90°
 CURVA SINGOLA PARETE LUNGA A 90°

EXTENDED FORMED BEND 90° (SGBEXT)

Code	ø	Dn	S	L1	L2	L	H1	H2	H	Notes
19SGBEXT50	50	50	4.7	115	700	358	328	925	955	
19SGBEXT63	63	63	5.7	115	645	396.5	360	958	994.5	



COUDE DOUBLE PARI À 45°
 CODO DE 45° DOBLE PARED
 DOPPELWANDIGER 45°-KRÜMMER
 COTOVELO 45° DE PAREDE DUPLA
 CURVA A 45° DOPPIA PARETE

BEND 45° (SCBD)

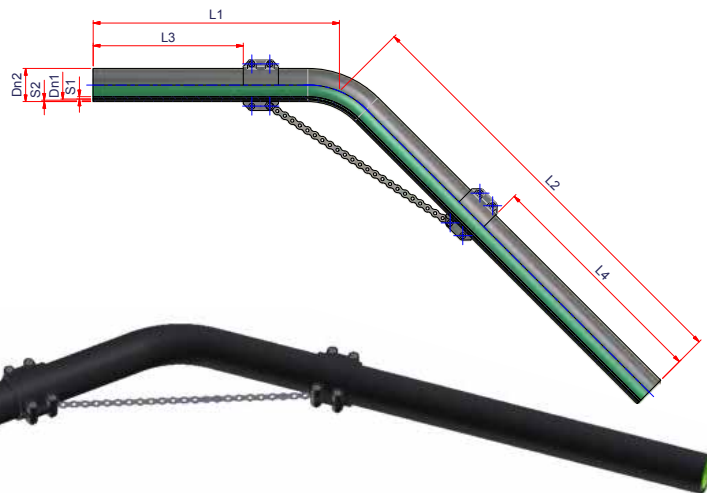
Code	ø	Dn1	Dn2	S1	S2	L1	L	Notes
19SCBD50	50	50	63	4.7	3.8	185	408	
19SCBD63	63	63	75	5.7	4.4	185	402	



COUDE DOUBLE PARI À 90°
 CODO DE 90° DOBLE PARED
 DOPPELWANDIGER 90°-KRÜMMER
 COTOVELO 90° DE PAREDE DUPLA
 CURVA A 90° DOPPIA PARETE

BEND 90° (SGBD)

Code	ø	Dn1	Dn2	S1	S2	L1	L	Notes
19SGBD32	32	32	40	3.4	2.4	200	421.5	
19SGBD50	50	50	63	4.7	2.5	200	534	
19SGBD63	63	63	75	5.7	2.9	200	438	



COUDE DOUBLE ENVELOPPE À 45 CONFORME UL 971
 CODO DE 45° DOBLE CONTENIMIENTO EN CONFORMIDAD CON UL 971
 DOPPELWANDIGER 45°-KRÜMMER MIT ZERTIFIKAT UL 971
 COTOVELO DE PAREDE DUPLA 45° EM CONFORMIDADE COM UL 971
 CURVA A 45° DOPPIA PARETE IN CONFORMITÀ ALLA NORMA UL 971



UL 971 LISTED DOUBLE WALL BEND 45° (SCBXPD)

Code	Dn1	Dn2	S1	S2	L1	L2	L3	L4	Notes
19SCBXPDP6372	63	75	5.7	3.4	564	2134	340	1910	

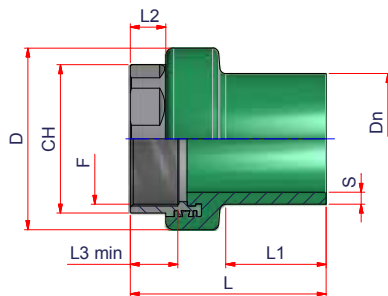


COUDE DOUBLE PAROI À 90° (URÉE)
 CODO DE 90° DOBLE PARED (UREA)
 DOPPELWANDIGER 90°-KRÜMMER (UREA)
 COTOVELO DE PAREDE DUPLA 90° (UREIA)
 CURVA A 90° DOPPIA PARETE (UREA)

DOUBLE WALL BEND 90° - UREA (SGBDU)


Code	ø	Dn1	Dn2	S1	S2	L1	L	Notes
19SGBDU32	32	32	40	3.4	2.4	200	421.5	

**THREADED FITTINGS
RACCORDS FILETÉS
ACCESORIOS ROSCADOS
GEWINDEFITTINGS
ACESSÓRIOS ROSCADOS
RACCORDI FILETTATI**



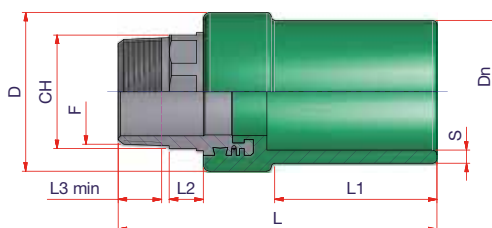
ADAPTATEUR FEMELLE SIMPLE PAREI NICKELÉ
 ADAPTADOR HEMBRA SIMPLE PARED NIQUELADO
 EINWANDIGER ADAPTER MIT INNENGEWINDE, VERNICKELT
 ADAPTADOR FÊMEA DE PAREDE SIMPLES NIQUELADO
 ADATTATORE FEMMINA SINGOLA PARETE NICHELATO

ADAPTER FEMALE NICKEL PLATED (SAFNP)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAFNP321	32 x 1"	32	1"	3.0	50	89	47	13	21	38	
19SAFNP40114	40 x 1 ¼"	40	1 ¼"	3.7	64	100	53	14	21.4	46	
19SAFNP50112	50 x 1 ½"	50	1 ½"	4.6	70	110	62	15	19	55	
19SAFNP502 (*)	50 x 2"	50	2"	4.6	84	115	62	20	23.7	65	BSP thread filet BSP rosca BSP
19SAFNP63112	63 x 1 ½"	63	1 ½"	5.8	71	118	69	15	19	55	BSP-Gewinde rosca BSP filettatura BSP
19SAFNP632	63 x 2"	63	2"	5.8	84	122	69	20	23.7	65	
19SAFNP903	90 x 3"	90	3"	8.2	119	153	87	24	33.3	95	
19SAFNP1103	110 x 3"	110	3"	10.0	125	170	95	24	33.3	95	
19SAFNP1104	110 x 4"	110	4"	10.0	153	165	85.5	30	39.3	120	
19SAFNP321NPT	32 x 1"	32	1" NPT	3.0	50	89	47	13	16.8	38	
19SAFNP40114NPT	40 x 1 ¼"	40	1 ¼" NPT	3.7	64	100	53	15	17.3	46	
19SAFNP50112NPT	50 x 1 ½"	50	1 ½" NPT	4.6	70	110	62	15	17.3	55	
19SAFNP502NPT (*)	50 x 2"	50	2" NPT	4.6	84	115	62	20	17.7	65	NPT thread filet NPT rosca NPT
19SAFNP63112NPT (*)	63 x 1 ½"	63	1 ½" NPT	5.8	71	118	69	15	17.3	55	NPT-Gewinde rosca NPT filettatura NPT
19SAFNP632NPT	63 x 2"	63	2" NPT	5.8	84	122	69	20	17.7	65	
19SAFNP903NPT	90 x 3"	90	3" NPT	8.2	119	153	87	24	25.8	95	
19SAFNP1103NPT	110 x 3"	110	3" NPT	10.0	125	170	95	24	25.8	95	
19SAFNP1104NPT	110 x 4"	110	4" NPT	10.0	153	165	85.5	30	27.8	120	


(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

THREADED

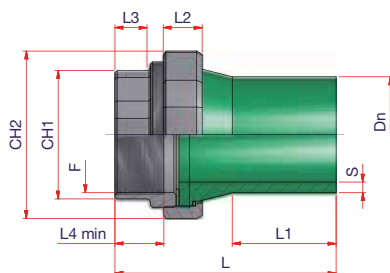


ADAPTATEUR MÂLE SIMPLE PARI NICELÉ
 ADAPTADOR MACHO SIMPLE PARED NIQUELADO
 EINWANDIGER ADAPTER MIT AUSSENGEWINDE, VERNICKELT
 ADAPTADOR MACHO DE PAREDE SIMPLES NIQUELADO
 ADATTATORE MASCHIO SINGOLA PARETE NICHELATO

ADAPTER MALE NICKEL PLATED (SAMNP)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAMNP321*	32 x 1"	32	1"	3.0	50	110	48	13	16.8	34	
19SAMNP40114	40 x 1 1/4"	40	1 1/4"	3.7	63	124	53	15	19.1	42	
19SAMNP50112	50 x 1 1/2"	50	1 1/2"	4.6	70	133	62	15	19.1	50	
19SAMNP502	50 x 2"	50	2"	4.6	83	138	62	18	23.4	60	BSP thread filet BSP rosca BSP
19SAMNP63112	63 x 1 1/2"	63	1 1/2"	5.8	70	140	71	15	19.1	50	BSP-Gewinde rosca BSP
19SAMNP632	63 x 2"	63	2"	5.8	83	147	69	18	23.4	60	filettatura BSP
19SAMNP903	90 x 3"	90	3"	8.2	118	181	87	23	29.8	90	
19SAMNP1104	110 x 4"	110	4"	10.0	153	202	85.5	30	35.8	115	
19SAMNP321NPT *	32 x 1"	32	1"	3.0	50	110	48	11	17.4	34	
19SAMNP40114NPT	40 x 1 1/4"	40	1 1/4"	3.7	63	124	53	15	18.0	42	
19SAMNP50112NPT	50 x 1 1/2"	50	1 1/2" NPT	4.6	70	133	62	15	18.4	50	NPT thread filet NPT
19SAMNP502NPT	50 x 2"	50	2" NPT	4.6	83	138	62	18	19.2	60	rosca NPT
19SAMNP63112NPT	63 x 1 1/2"	63	1 1/2" NPT	5.8	70	140	71	15	18.4	50	NPT-Gewinde rosca NPT
19SAMNP632NPT	63 x 2"	63	2" NPT	5.8	83	147	69	18	19.2	60	filettatura NPT
19SAMNP903NPT	90 x 3"	90	3" NPT	8.2	118	181	87	20	30.5	90	
19SAMNP1104NPT	110 x 4"	110	4" NPT	10.0	153	202	85.5	30	35.8	115	

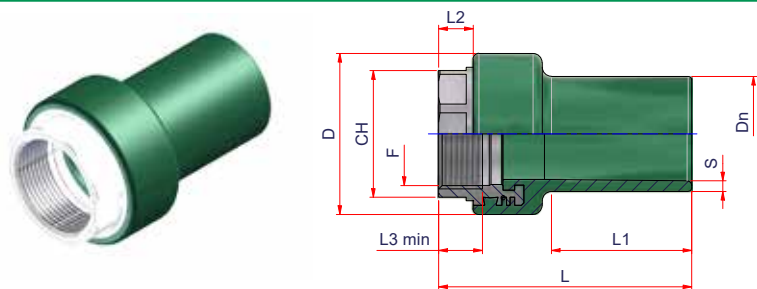
(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda- disponibile su richiesta



RACCORD UNION SIMPLE PARI EN TROIS PIÈCES - GALVANISÉ
 CONEXIÓN UNIÓN SIMPLE PARED DE TRES PIEZAS - GALVANIZADO
 EINWANDIGER DREITEILIGER ÜBERGANGSADAPTER - VERZINKT
 UNIÃO TRÊS PEÇAS DE PAREDE SIMPLES - GALVANIZADA
 GIUNTO A TRE PEZZI SINGOLA PARETE - GALVANIZZATO


UNION THREE-PIECE - GALVANISED (SRCPG)

Code	ø	Dn	F	S	L1	L2	L3	L4 min	L	CH1	CH2	Notes
19SRCPG321	32 x 1"	32	1"	3.0	45	22	16	21	107	38	55	
19SRCPG40114	40 x 1 1/4"	40	1 1/4"	3.7	65	24	17	21.4	129	48	69	BSP thread filet BSP rosca BSP
19SRCPG50112	50 x 1 1/2"	50	1 1/2"	4.6	66.5	25	20	19	132	53	73	BSP-Gewinde rosca BSP
19SRCPG632	63 x 2"	63	2"	5.8	70	27	24	23.7	149	65	89	filettatura BSP
19SRCPG903	90 x 3"	90	3"	8.2	94	31	30	33.3	180	95	127	
19SRCPG50112NPT	50 x 1 1/2"	50	1 1/2"	4.6	66.5	25	20	17.3	132	53	73	
19SRCPG632NPT	63 x 2"	63	2"	5.8	70	27	24	17.7	149	65	89	NPT thread filet NPT
19SRCPG903NPT	90 x 3"	90	3"	8.2	94	31	30	25.8	180	95	127	rosca NPT NPT-Gewinde rosca NPT
												filettatura NPT



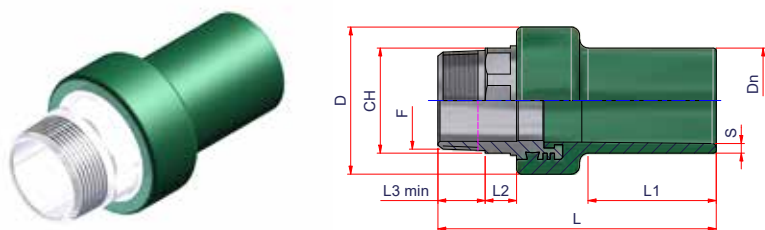
ADAPTATEUR FEMELLE SIMPLE PAROI FILÉT INOX (AISI 304)
 ADAPTADOR HEMBRA SIMPLE PARED ROSCA INOX (AISI 304)
 EINWANDIGER ADAPTER MIT INNENGEWINDE AUS ROSTFREIEM STAHL (AISI 304)
 ADAPTADOR FÊMEA DE PAREDE SIMPLES, ROSCA INOX (AISI 304)
 ADATTATORE FEMMINA SINGOLA PARETE CON INSERTO INOX (AISI 304)

ADAPTER FEMALE STAINLESS STEEL - AISI 304 (SAF_SS)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAF321SS	32 x 1"	32	1"	3.0	50	89	47	13	19.1	38	
19SAF40114SS	40 x 1 ¼"	40	1 ¼"	3.7	64	100	53	15	21.4	46	
19SAF50112SS	50 x 1 ½"	50	1 ½"	4.6	70	110	62	15	19	55	
19SAF502SS	50 x 2"	50	2"	4.6	84	115	62	20	23.7	65	BSP thread filet BSP rosca BSP
19SAF63112SS	63 x 1 ½"	63	1 ½"	5.8	71	118	69	15	19	55	BSP-Gewinde rosca BSP
19SAF632SS	63 x 2"	63	2"	5.8	84	122	69	20	23.7	65	filettatura BSP
19SAF903SS	90 x 3"	90	3"	8.2	119	153	87	24	33.3	95	
19SAF1104SS	110 x 4"	110	4"	10.0	153	165	85.5	30	39.3	120	
19SAF321SSNPT	32 x 1"	32	1" NPT	3.0	50	89	47	13	16.8	38	
19SAF50112SSNPT	50 x 1 ½"	50	1 ½" NPT	4.6	70	110	62	15	17.3	55	
19SAF502SSNPT	50 x 2"	50	2" NPT	4.6	84	115	62	20	17.7	65	NPT thread filet NPT
19SAF63112SSNPT	63 x 1 ½"	63	1 ½" NPT	5.8	71	118	69	15	17.3	55	rosca NPT
19SAF632SSNPT	63 x 2"	63	2" NPT	5.8	84	122	69	20	17.7	65	NPT-Gewinde
19SAF903SSNPT	90 x 3"	90	3" NPT	8.2	119	153	87	24	25.8	95	rosca NPT
19SAF1104SSNPT	110 x 4"	110	4" NPT	10.0	153	165	85.5	30	27.8	120	filettatura NPT

for special applications (Adblue) - pour applications spéciales (Adblue) - para aplicaciones especiales (Adblue) - für Spezialanwendungen (Adblue) - para aplicações especiais (Adblue) - per applicazioni speciali (Adblue)

THREADED

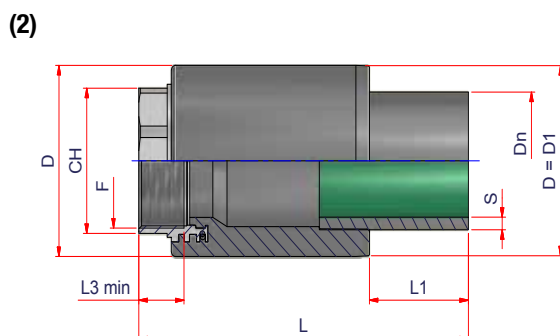
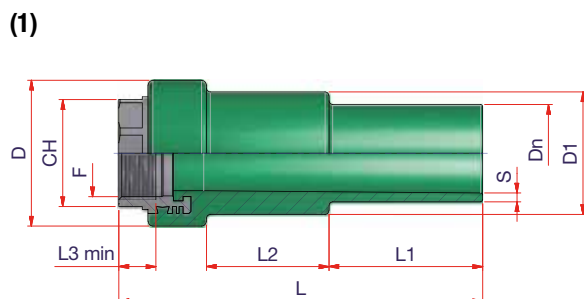


ADAPTATEUR MÂLE SIMPLE PAROI FILÉT INOX (AISI 304)
 ADAPTADOR MACHO SIMPLE PARED ROSCA INOX (AISI 304)
 EINWANDIGER ADAPTER MIT AUSSENGEWINDE AUS ROSTFREIEM STAHL (AISI 304)
 ADAPTADOR MACHO DE PAREDE SIMPLES, ROSCA INOX (AISI 304)
 ADATTATORE MASCHIO SINGOLA PARETE CON INSERTO INOX (AISI 304)

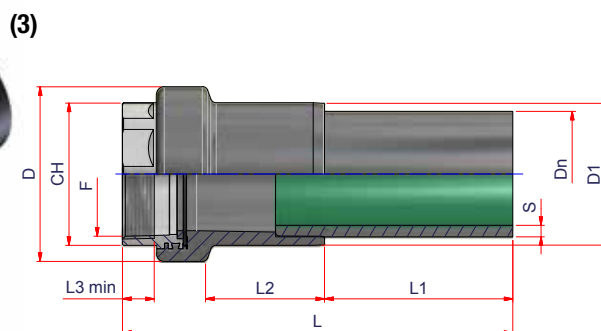
ADAPTER MALE STAINLESS STEEL - AISI 304 (SAM_SS)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAM321SS	32 x 1"	32	1"	3.0	50	110	48	13	16.8	34	
19SAM40114SS	40 x 1 ¼"	40	1 ¼"	3.7	63	124	53	15	19.1	42	
19SAM50112SS	50 x 1 ½"	50	1 ½"	4.6	70	133	62	15	19.1	50	
19SAM63112SS	63 x 1 ½"	63	1 ½"	5.8	70	140	71	15	19.1	50	BSP thread filet BSP rosca BSP
19SAM632SS	63 x 2"	63	2"	5.8	83	147	69	18	23.4	60	BSP-Gewinde rosca BSP
19SAM903SS	90 x 3"	90	3"	8.2	118	181	87	23	29.8	90	filettatura BSP
19SAM1104SS	110 x 4"	110	4"	10.0	153	202	85.5	30	35.8	115	


for special applications (Adblue) / also available with NPT thread - pour applications spéciales (Adblue) / disponibles aussi avec filet NPT - para aplicaciones especiales (Adblue) / disponibles también con rosca NPT - für Spezialanwendungen (Adblue) / verfügbar auch mit NPT-Gewinde - para aplicações especiais (Adblue) / disponíveis também com rosca NPT - per applicazioni speciali (Adblue) / disponibili anche con filettatura NPT



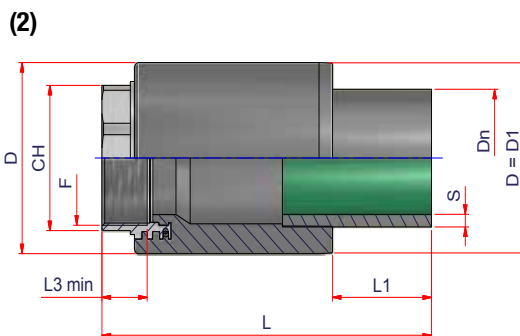
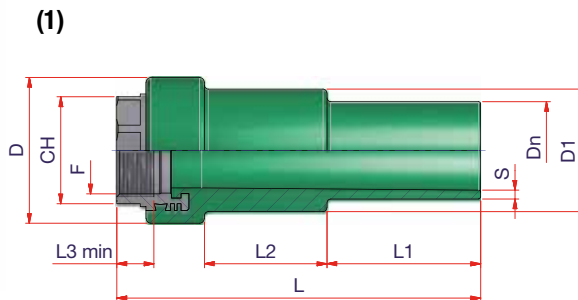
ADAPTATEUR FEMELLE DOUBLE PARI NIQUÉLÉ POUR SYSTÈME COAXIAL
 ADAPTADOR HEMBRA DOBLE PARED NIQUELADO PARA EL SISTEMA COAXIAL
 DOPPELWANDIGER ADAPTER MIT INNENGEWINDE FÜR KOAXIALSYSTEM, VERNICKELT
 ADAPTADOR FÊMEA DE PAREDE DUPLA NIQUELADO PARA CONEXÕES COAXIAIS
 ADATTATORE FEMMINA DOPPIA PARETE NICHELATO PER SISTEMA COASSIALE



ADAPTER FEMALE FOR COAXIAL FITTINGS NICKEL PLATED (SAWFDNP)

Code	ø	Dn	F	D1	D	S	L	L1	L2	L3 min	CH	Notes
19SAWFDNP50112 ⁽¹⁾	50 x 1 1/2"	50	1 1/2"	63	75	4.6	187	79	63	19	55	
19SAWFDNP502 ^{(1) (*)}	50 x 2"	50	2"	63	90	4.6	-	79	63	23.7	65	
19SAWFDNP63112 ^{(1) (*)}	63 x 1 1/2"	63	1 1/2"	75	75	5.8	205	90	70	19	55	BSP thread/filet BSP/ rosca BSP/BSP-Gewinde/ rosca BSP/filettatura BSP
19SAWFDNP632 ⁽¹⁾	63 x 2"	63	2"	75	90	5.8	210	90	70	23.7	65	
19SAWFDNP903 ⁽²⁾	90 x 3"	90	3"	125	125	8.2	243	73	-	33.3	95	
19SAWFDNP1104 ⁽³⁾	110 x 4"	110	4"	125	153	10	342	165	95	39.3	120	
19SAWFDNP50112NPT ⁽¹⁾	50 x 1 1/2"	50	1 1/2"NPT	63	75	4.6	187	79	63	17.3	55	
19SAWFDNP502NPT ^{(1) (*)}	50 x 2"	50	2"NPT	63	90	4.6	-	79	63	17.7	65	
19SAWFDNP63112NPT ^{(1) (*)}	63 x 1 1/2"	63	1 1/2"NPT	75	75	5.8	205	90	70	17.3	55	NPT thread/filet NPT/ rosca NPT/NPT-Gewinde/ rosca NPT/filettatura NPT
19SAWFDNP632NPT ⁽¹⁾	63 x 2"	63	2" NPT	75	90	5.8	210	90	70	17.7	65	
19SAWFDNP903NPT ⁽²⁾	90 x 3"	90	3" NPT	125	125	8.2	243	73	-	25.8	95	
19SAWFDNP1104NPT ⁽³⁾	110 x 4"	110	4" NPT	125	153	10	342	165	95	27.8	120	

(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta



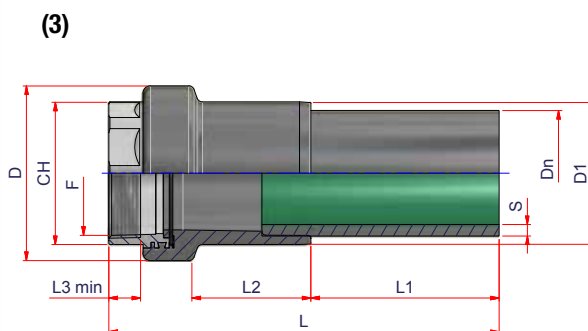
ADAPTATEUR FEMELLE DOUBLE PARI POUR SYSTÈME COAXIAL FILÉT INOX (AISI 304)

ADAPTADOR HEMBRA DOBLE PARED PARA EL SISTEMA COAXIAL ROSCA INOX (AISI 304)


DOPPELWANDIGER ADAPTER FÜR KOAXIALSYSTEM MIT INNENGEWINDE AUS ROSTFREIEM STAHL (AISI 304)

ADAPTADOR FÊMEA DE PAREDE DUPLA PARA CONEXÕES COAXIAIS ROSCA INOX (AISI 304)

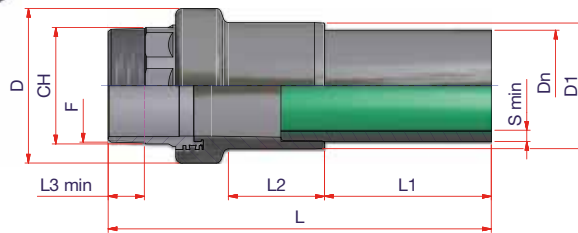
ADATTATORE FEMMINA DOPPIA PARETE PER SISTEMA COASSIALE INSERTO INOX (AISI 304)



ADAPTER FEMALE FOR COAXIAL FITTINGS STAINLESS STEEL - AISI 304 (SAWFD_SS)

Code	ø	Dn	F	D1	D	S	L	L1	L2	L3 min	CH	Notes
19SAWFD50112SS ⁽¹⁾	50 x 1 1/2"	50	1 1/2"	63	75	4.6	187	79	63	19	55	
19SAWFD63112SS ⁽¹⁾	63 x 1 1/2"	63	1 1/2"	75	75	5.8	205	90	70	19	55	
19SAWFD632SS ⁽¹⁾	63 x 2"	63	2"	75	90	5.8	210	90	70	23.7	65	BSP thread/filet BSP/ rosca BSP/BSP-Gewinde/ rosca BSP/filettatura BSP
19SAWFD903SS ⁽²⁾	90 x 3"	90	3"	125	125	8.2	243	73	-	33.3	95	
19SAWFD1104SS ⁽³⁾	110 x 4"	110	4"	125	153	10	342	165	95	39.3	120	
19SAWFD50112SSNPT ⁽¹⁾	50 x 1 1/2"	50	1 1/2"	63	75	4.6	187	79	63	17.3	55	
19SAWFD63112SSNPT ⁽¹⁾	63 x 1 1/2"	63	1 1/2"	75	75	5.8	205	90	70	17.3	55	
19SAWFD632SSNPT ⁽¹⁾	63 x 2"	63	2"	75	90	5.8	210	90	70	17.7	65	 NPT thread/filet NPT/ rosca NPT/NPT-Gewinde/ rosca NPT/filettatura NPT
19SAWFD903SSNPT ⁽²⁾	90 x 3"	90	3"	125	125	8.2	243	73	-	25.8	95	
19SAWFD1104SSNPT ⁽³⁾	110 x 4"	110	4"	125	153	10	342	165	95	27.8	120	

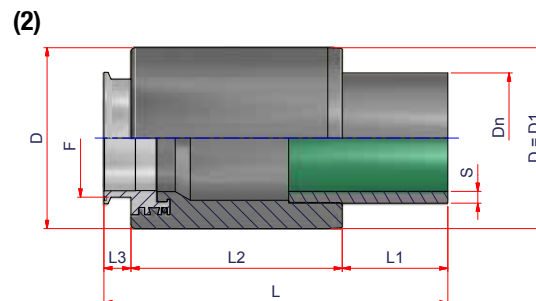
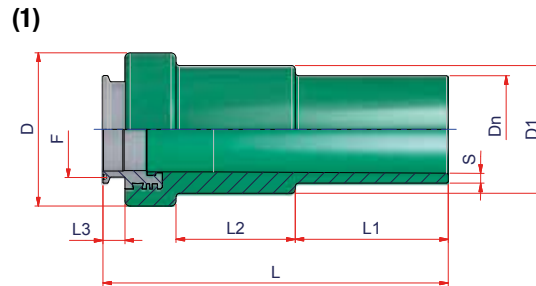
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ADAPTATEUR MÂLE DOUBLE PAREI NICKELÉ POUR SYSTÈME COAXIAL
 ADAPTADOR MACHO DOBLE PARED NIQUELADO PARA EL SISTEMA COAXIAL
 DOPPELWANDIGER ADAPTER MIT AUSSENGEWINDE FÜR KOAXIALSYSTEM, VERNICKELT
 ADAPTADOR MACHO DE PAREDE DUPLA NIQUELADO PARA CONEXÕES COAXIAIS
 ADATTATORE MASCHIO DOPPIA PARETE NICHELATO PER SISTEMA COASSIALE

ADAPTER MALE FOR COAXIAL FITTINGS NICKEL PLATED (SAWMDNP)

Code	ø	Dn	F	D1	D	S min	L	L1	L2	L3 min	CH	Notes
19SAWMDNP1104	110 x 4"	110	4"	125	153	9.1	379	165	95	35.8	115	



ADAPTATEUR RAPIDE DOUBLE PAREI EZ-FIT POUR SYSTÈME COAXIAL
 ADAPTADOR DOBLE PARED EZ-FIT PARA EL SISTEMA COAXIAL
 DOPPELWANDIGER EZ-FIT-ADAPTER FÜR KOAXIALSYSTEM
 ADAPTADOR EZ-FIT PAREDE DE DUPLA PARA CONEXÕES COAXIAIS
 ADATTATORE EZ-FIT DOPPIA PARETE PER SISTEMA COASSIALE

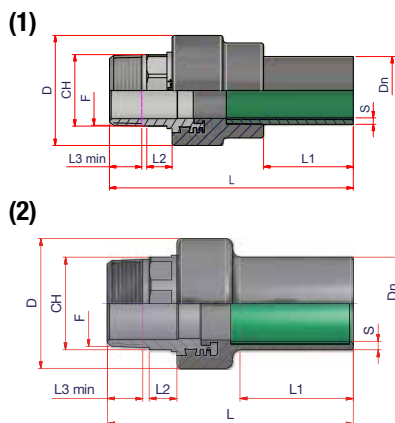


ADAPTER EZ-FIT FOR COAXIAL FITTINGS (SAEWF)

Code	ø	Dn	F	D1	D	S	L	L1	L2	L3	Notes
19SAEWF50 ⁽¹⁾	50	50	EZ 2"	63	90	4.6	172	79	63	13	
19SAEWF63 ⁽¹⁾	63	63	EZ 2"	75	90	5.8	190	90	70	13	
19SAEWF90 ⁽²⁾	90	90	EZ 3"	125	125	8.2	238	74	146	18.7	
19SAEWF110 ^{(2) (*)}	110	110	EZ 4"	125	125	11	330	165	146	18.7	

(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta

THREADED

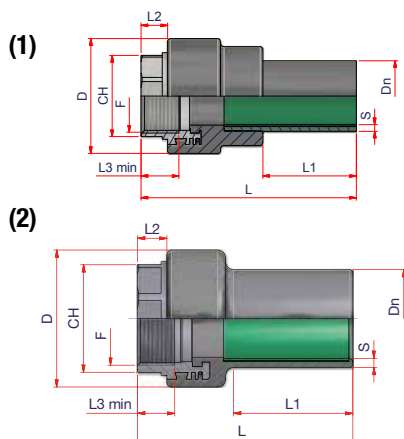


ADAPTATEUR MÂLE NICKELÉ AVEC COUCHE DE PROTECTION
 ADAPTADOR MACHO NIQUELADO CON CAPA DE PROTECCIÓN
 VERNICKELTER ÜBERGANGSADAPTER MIT AUSSENGEWINDE MIT SCHUTZSCHICHT
 ADAPTADOR MACHO NIQUELADO COM REVESTIMENTO INTERNO DE PROTECÇÃO
 ADATTATORE MASCHIO NICHELATO CON STRATO PROTETTIVO

ADAPTER MALE NICKEL PLATED WITH INNER PROTECTIVE LINER (SAMONP)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAMONP321 ⁽¹⁾	32 x 1"	32	1"	3.5	54	134	50	14	18	34	
19SAMONP40114 ⁽¹⁾	40 x 1 1/4"	40	1 1/4"	4.1	65	144	53	15	19.1	42	
19SAMONP50112 ⁽²⁾	50 x 1 1/2"	50	1 1/2"	4.6	70	133	62	14	19.1	50	
19SAMONP632 ⁽²⁾	63 x 2"	63	2"	5.8	83	147	69	18	23.4	60	

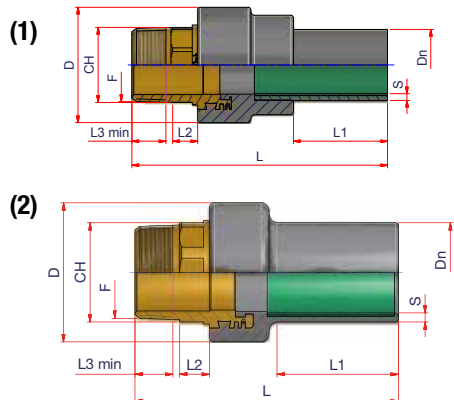
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ADAPTATEUR FEMELLE NICKELÉ AVEC COUCHE DE PROTECTION
 ADAPTADOR HEMBRA NIQUELADO CON CAPA DE PROTECCIÓN
 ADAPTER MIT INNENGEWINDE MIT SCHUTZSCHICHT, VERNICKELT
 ADAPTADOR FÊMEA NIQUELADO COM REVESTIMENTO INTERNO DE PROTECÇÃO
 ADATTATORE FEMMINA NICHELATO CON STRATO PROTETTIVO

ADAPTER FEMALE NICKEL PLATED WITH INNER PROTECTIVE LINER (SAFONP)

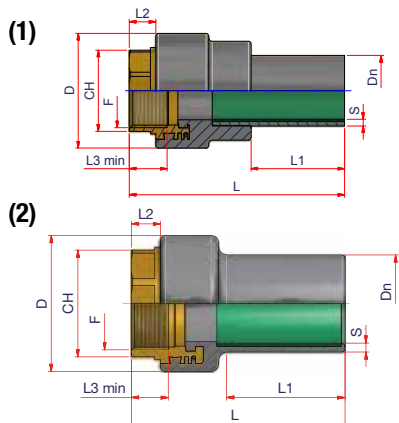
Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAFONP321 ⁽¹⁾	32 x 1"	32	1"	3.5	54	115	50	13	21	38	
19SAFONP40114 ⁽¹⁾	40 x 1 1/4"	40	1 1/4"	4.1	65	122	53	15	21.4	46	
19SAFONP50112 ⁽²⁾	50 x 1 1/2"	50	1 1/2"	4.6	70	110	62	15	19	55	
19SAFONP632 ⁽²⁾	63 x 2"	63	2"	5.8	84	122	69	20	23.7	65	



ADAPTATEUR MÂLE AVEC COUCHE DE PROTECTION
 ADAPTADOR MACHO CON CAPA DE PROTECCIÓN
 ADAPTER MIT AUSSENGEWINDE MIT SCHUTZSCHICHT
 ADAPTADOR MACHO COM REVESTIMENTO INTERNO DE PROTECÇÃO
 ADATTATORE MASCHIO CON STRATO PROTETTIVO

ADAPTER MALE WITH INNER PROTECTIVE LINER (SAMO)

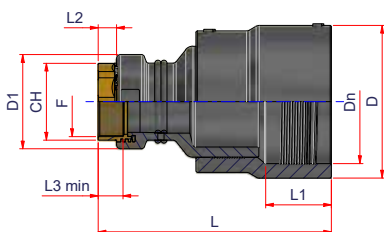
Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAM0321 ⁽¹⁾	32 x 1"	32	1"	3.5	54	134	50	14	18	34	
19SAM040114 ⁽¹⁾	40 x 1 1/4"	40	1 1/4"	4.1	65	144	53	15	19.1	42	
19SAM050112 ⁽²⁾	50 x 1 1/2"	50	1 1/2"	4.6	70	133	62	14	19.1	50	
19SAM0632 ⁽²⁾	63 x 2"	63	2"	5.8	83	147	69	18	23.4	60	
19SAM0903 ⁽²⁾	90 x 3"	90	3"	8.2	118	183	87	23	29.8	90	



ADAPTATEUR FEMELLE AVEC COUCHE DE PROTECTION
 ADAPTADOR HEMBRA CON CAPA DE PROTECCIÓN
 ADAPTER MIT INNENGEWINDE MIT SCHUTZSCHICHT
 ADAPTADOR FÊMEA COM REVESTIMENTO INTERNO DE PROTECÇÃO
 ADATTATORE FEMMINA CON STRATO PROTETTIVO

ADAPTER FEMALE WITH INNER PROTECTIVE LINER (SAFO)

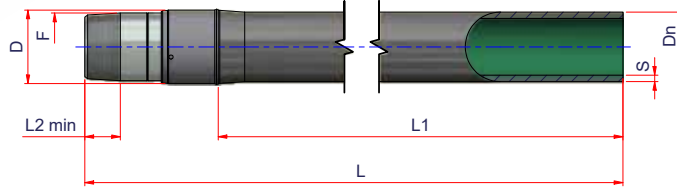
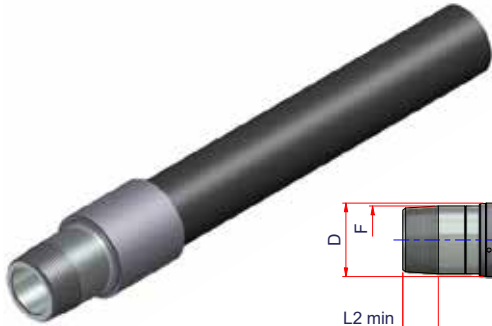
Code	ø	Dn	F	S	D	L	L1	L2	L3 min	CH	Notes
19SAF0321 ⁽¹⁾	32 x 1"	32	1"	3.5	54	115	50	13	21	38	
19SAF040114 ⁽¹⁾	40 x 1 1/4"	40	1 1/4"	4.1	65	122	53	15	21.4	46	
19SAF050112 ⁽²⁾	50 x 1 1/2"	50	1 1/2"	4.6	70	110	62	15	19	55	
19SAF0632 ⁽²⁾	63 x 2"	63	2"	5.8	84	122	69	20	23.7	65	



ADAPTATEUR FEMELLE ELECTROSODABLE
 ADAPTADOR HEMBRA ELECTROSOLDABLE
 ELEKTROSCHWEISSBARER EINWANDIGER ADAPTER
 ADAPTADOR FÊMEA ELECTROSOLDÁVEL
 ADATTATORE FEMMINA ELETROSALDABILE



ADAPTER FEMALE - ELECTROFUSION (SA)

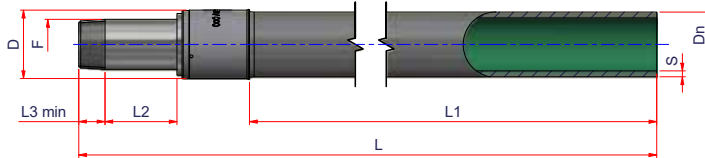
Code	ø	Dn	F	D	D1	L	L1	L2	L3 min	CH	Notes
19SA200F4	200 x 4"	200	4"	248	153	379	107	30	39.3	120	
19SA250F4	250 x 4"	250	4"	308	153	411	121	30	39.3	120	



ADAPTATEUR MÂLE LONG SIMPLE PARI
 ADAPTADOR MACHO LARGO SIMPLE PARED
 EINWANDIGER ADAPTER MIT AUSSENGEWINDE, LANG
 TRANSIÇÃO MACHO LONGA DE PAREDE SIMPLS
 ADATTATORE MASCHIO LUNGO SINGOLA PARETE

RISER (SALM)

Code	ø	Dn	F	S	D	L	L1	L2 min	Notes
19SALM50112	50 x 1 1/2"	50	1 1/2"	4.5	54	1026	930	19.1	
19SALM63112	63 x 1 1/2"	63	1 1/2"	6	68	1028	908	19.1	
19SALM632	63 x 2"	63	2"	6	68	1033	908	23.4	
19SALM50112NPT	50 x 1 1/2"	50	1 1/2" NPT	4.5	54	1041	930	18.4	 NPT thread/filet NPT/ rosca NPT/NPT-Gewinde/ rosca NPT/filettatura NPT
19SALM63112NPT	63 x 1 1/2"	63	1 1/2" NPT	6	68	1043	908	18.4	
19SALM632NPT	63 x 2"	63	2" NPT	6	68	1048	908	19.2	
NEW 19SALM50112SSNPT	50 x 1 1/2"	50	1 1/2" NPT	4.5	54	1041	930	18.4	 Stainless Steel AISI 304 and NPT thread Acier inoxydable AISI 304 et filet NPT Acero inoxidable AISI 304 y rosca NPT Rostfreier Stahl AISI 304 und NPT-Gewinde Aço inoxidável AISI 304 e rosca NPT Acciaio inox AISI 304 e filettatura NPT
NEW 19SALM63112SSNPT	63 x 1 1/2"	63	1 1/2" NPT	6	68	1043	908	18.4	
NEW 19SALM632SSNPT	63 x 2"	63	2" NPT	6	68	1048	908	19.2	

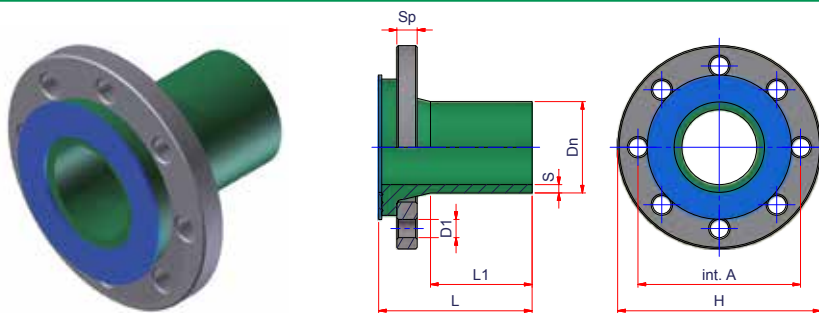


ADAPTATEUR MÂLE SIMPLE PARI AVEC COLLET LONG
 ADAPTADOR MACHO SIMPLE PARED CON COLLAR LARGO
 EINWANDIGER ADAPTER MIT AUSSENGEWINDE UND LANGEM HALS
 TRANSIÇÃO MACHO DE PAREDE SIMPLS COM COLAR LONGO
 ADATTATORE MASCHIO SINGOLA PARETE CON COLLARE ALLUNGATO

RISER MALE LONG COLLAR (SALM_T70SS - SALM_T70)

Code	ø	Dn	F	S	D	L	L1	L2	L3 min	Notes
19SALM50112T70SS	50 x 1 1/2"	50	1 1/2"	4.5	54	1065	930	70	19.1	Stainless Steel AISI 304 - Rostfreier Stahl AISI 304 - INOX AISI 304
19SALM63112T70SS	63 x 1 1/2"	63	1 1/2"	5.7	68	1074	908	70	19.1	Stainless Steel AISI 304 - Rostfreier Stahl AISI 304 - INOX AISI 304
19SALM63112T70	63 x 1 1/2"	63	1 1/2"	5.7	68	1074	908	70	19.1	nickel plated - nickelé - niquelado vernickelt - niquelado - nichelato

FLANGED FITTINGS
RACCORDS À BRIDES
ACCESORIOS CON BRIDA
FLANSCH-FITTINGS
ACESSÓRIOS FLANGEADOS
RACCORDI FLANGIATI

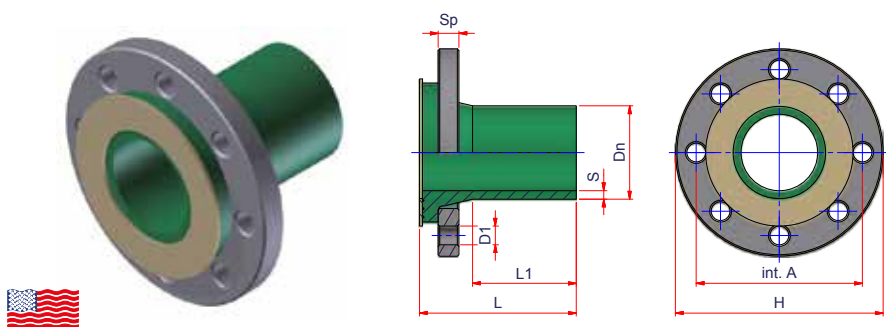


KIT BRIDE
 KIT BRIDA
 FLANSCH-KIT
 KIT FLANGE
 KIT FLANGIA

LOOSE FLANGE - KIT (SFLAK)

Code	ø	Dn	S	L	L1	Sp	H	Int. A	D1	Holes (no.)	Notes
19SFLAK32	32	32	3.0	78	42	12	115	85	14	4	
19SFLAK40	40	40	3.7	98	63	16	140	100	18	4	
19SFLAK50	50	50	4.6	99	65	16	150	110	18	4	
19SFLAK63	63	63	5.8	117	69.5	18	165	125	18	4	
19SFLAK90	90	90	8.2	131.5	93.5	20	200	160	18	8	UNI-DIN flange bride UNI-DIN brida UNI-DIN UNI-DIN Flansch flange UNI-DIN flangia UNI-DIN
19SFLAK110	110	110	10.0	135	92	20	220	180	18	8	
19SFLAK160	160	160	14.6	162	102.5	22	285	240	22	8	
19SFLAK200	200	200	18.2	212	140	26	340	295	22	12	
19SFLAK250	250	250	22.7	199	130	28	405	355	25	12	
19SFLAK280	280	280	25.4	218	149	28	405	355	25	12	
19SFLAK315	315	315	28.6	203	128	32	460	410	25	12	

bolts, nuts and washers not included - boulons, écrous et plaquettes non inclus - pernos, arandelas y tuercas no incluidos - ohne Bolzen, Muttern und Scheiben - parafusos, porcas e arruelas não incluídos - dadi, bulloni e rondelle non inclusi



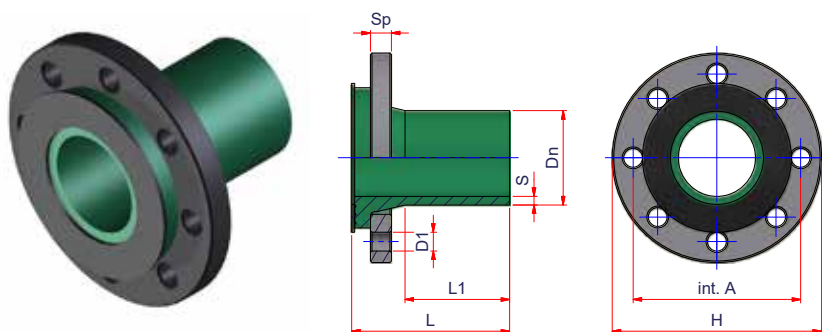
KIT BRIDE
 KIT BRIDA
 FLANSCH-KIT
 KIT FLANGE
 KIT FLANGIA

LOOSE FLANGE - KIT (SFLAKA)

Code	ø	Dn	S	L	L1	Sp	H	Int. A	D1	Holes (no.)	Notes
19SFLAKA32	32	32	3.0	78	42	10	108	79	15.9	4	
19SFLAKA40	40	40	3.7	98	63	12	117.5	89	15.9	4	
19SFLAKA50	50	50	4.6	96	65	12	127	98.4	15.9	4	
19SFLAKA63	63	63	5.8	116	75	12	152.4	120.6	19	4	
19SFLAKA90	90	90	8.2	154.5	100	13	190.5	152.4	19	4	ANSI 150 flange bride ANSI 150 brida ANSI 150 ANSI 150 Flansch flange ANSI 150 flangia ANSI 150
19SFLAKA110	110	110	10.0	150	98.5	13	228.6	190.5	19	8	
19SFLAKA160	160	160	14.6	180	105	14	279.4	241.2	22.2	8	
19SFLAKA200	200	200	18.2	212	140	16	343	298	22.2	8	
19SFLAKA250	250	250	22.7	199	130	18	406	362	25.4	12	
19SFLAKA280	280	280	25.4	218	149	18	406	362	25.4	12	
19SFLAKA315	315	315	28.6	203	128	20	483	432	25.4	12	

bolts, nuts and washers not included - boulons, écrous et plaquettes non inclus - pernos, arandelas y tuercas no incluidos - ohne Bolzen, Muttern und Scheiben - parafusos, porcas e arruelas não incluídos - dadi, bulloni e rondelle non inclusi

FLANGED

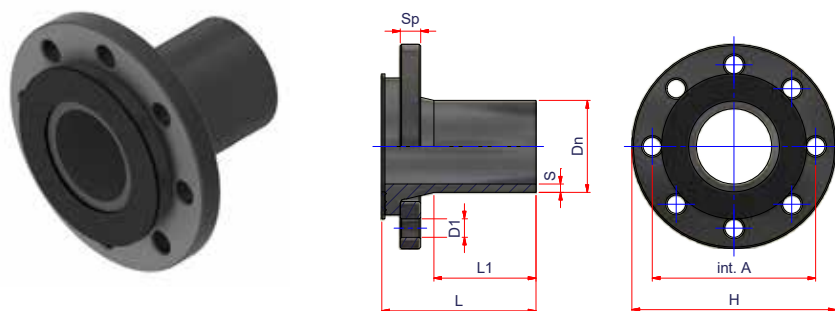


KIT BRIDE – BRIDE INOX (AISI 304) ET JOINT EN VITON
 KIT BRIDA – BRIDA INOX (AISI 304) Y JUNTA DE VITON
 FLANSCH-KIT - FLANSCH AUS ROSTFREIEM STAHL (AISI 304)
 UND VITON-DICHTUNG
 KIT FLANGE - FLANGE INOX (AISI 304) E JUNTA EM VITON
 KIT FLANGIA – FLANGIA INOX (AISI 304) E GUARNIZIONE IN VITON

LOOSE FLANGE KIT – STAINLESS STEEL FLANGE - AISI 304 - VITON GASKET (SFLAK_SSV)

Code	ø	Dn	S	L	L1	Sp	H	Int. A	D1	Holes (no.)	Notes
19SFLAK32SSV	32	32	3	78	45	10	115	85	14	4	
19SFLAK40SSV	40	40	3.7	95	63	12	140	100	18	4	
19SFLAK50SSV	50	50	4.6	96	65	12	150	110	18	4	UNI-DIN flange
19SFLAK63SSV	63	63	5.8	116	75	12	165	125	18	4	bride UNI-DIN
19SFLAK90SSV	90	90	8.2	154.5	100	13	200	160	18	8	brida UNI-DIN
19SFLAK110SSV	110	110	10	150	98.5	13	220	180	18	8	UNI-DIN-Flansch
19SFLAK160SSV	160	160	14.6	180	105	13	285	240	22	8	flange UNI-DIN
											flangia UNI-DIN

bolts, nuts and washers not included - boulons, écrous et plaquettes non inclus - pernos, arandelas y tuercas no incluidos - ohne Bolzen, Muttern und Scheiben - parafusos, porcas e arruelas não incluídos - dadi, bulloni e rondelle non inclusi

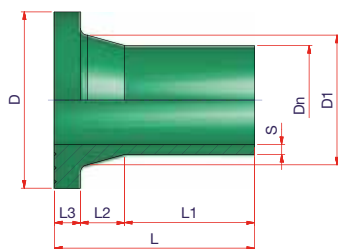


KIT BRIDE - BRIDE EN FONTE RECOUVERTE DE PP AVEC JOINT EN VITON
 KIT BRIDA - BRIDA DE FUNDICIÓN RECUBIERTA DE PP CON JUNTA DE VITON
 FLANSCH-KIT - GUSSEISERNER FLANSCH MIT PP UND VITON BESCHICHTUNG-DICHTUNG
 KIT FLANGE - FLANGE EM FERRO FUNDIDO REVESTIDO COM PP E JUNTA EM VITON
 KIT FLANGIA - FLANGIA IN GHISA RICOPERTA IN PP E GUARNIZIONE IN VITON

LOOSE FLANGE KIT - CAST IRON FLANGE COATED IN PP - VITON GASKET (SFLAK_PP)

Code	ø	Dn	S	L	L1	Sp	H	Int. A	D1	Holes (no.)	Notes
19SFLAK32PP	32	32	3	78	45	17	122	85	14	4	
19SFLAK50PP	50	50	4.6	96	65	19	156	110	18	4	
19SFLAK63PP	63	63	5.8	116	75	20	171	125	18	4	
19SFLAK90PP	90	90	8.2	154.5	100	21	206	160	18	8	
19SFLAK110PP	110	110	10	150	98.5	22	226	180	18	8	
19SFLAK160PP	160	160	14.6	180	105	28	296	240	22	8	

bolts, nuts and washers not included - boulons, écrous et plaquettes non inclus - pernos, arandelas y tuercas no incluidos - ohne Bolzen, Muttern und Scheiben - parafusos, porcas e arruelas não incluídos - dadi, bulloni e rondelle non inclusi



PIÈCES DE RECHANGE - COLLET
 REPUESTOS - CASQUILLO
 ERSATZTEILE - STUTZEN
 PEÇAS DE REPOSIÇÃO - COLARINHO
 PARTI DI RICAMBIO - CARTELLA

LOOSE FLANGE - SPARE PARTS - STUB END (SCART)

Code	ø	Dn	D1	D	S	L	L1	L2	L3	Notes
19SCART32	32	32	40	68	3.0	75	42	23	10	
19SCART40	40	40	50	78	3.7	95	63	21	11	
19SCART50	50	50	61	88	4.6	96	65	19	12	
19SCART63	63	63	75	102	5.8	114	69.5	26.5	17	
19SCART90	90	90	105	138	8.2	128.5	93.5	18	16	
19SCART110	110	110	125	158	10.0	132	92	20	19	
19SCART160	160	160	173	212	14.6	158	102.5	30	25	
19SCART200	200	200	232	268	18.2	208	140	37	31	
19SCART250	250	250	290	318	22.7	196	130	31	35	
19SCART280	280	280	291	320	25.4	215	149	30	36	
19SCART315	315	315	346	366	28.6	200	128	38	34	

For stainless steel flanges, see the AdBlue/Def/Urea section / Pour les brides en acier voir la section AdBlue/Def /Urée / Para las bridas de acero véase sección AdBlue/Def /Urea / Für Flansche aus rostfreiem Stahl sehen Sie die Abschnitt AdBlue/Def/Ureia / Para as flanges de aço ver secção AdBlue/Def/Ureia / Per le flange INOX vedere sezione AdBlue/Def/Urea.

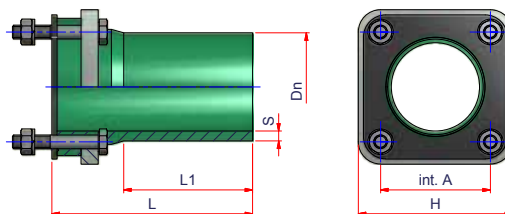
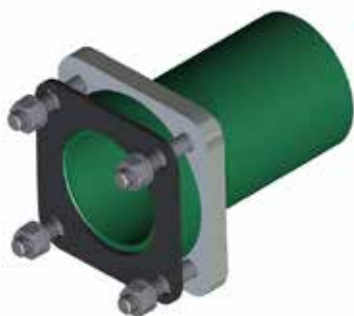
FLANGED



KIT BRIDE FEMELLE TARAUDÉE (KIT BRIDE + BRIDE FIXE TARAUDÉE + BOULONS)
 KIT BRIDA HEMBRA ROSCADA (KIT BRIDA + BRIDA FIJA ROSCADA + PERNOS)
 FLANSCH MIT INNENGEWINDE (FLANSCH-KIT + FESTER GEWINDEFLENSCH + BOLZEN)
 KIT FLANGE ROSCA FÊMEA (KIT FLANGE + FLANGE FIXO ROSCADO + PARAFUSOS)
 KIT FLANGIA FEMMINA FILETTATA (KIT FLANGIA + FLANGIA FISSA FILETTATA + BULLONI)

FEMALE THREADED FLANGE KIT - FLANGE KIT + FIXED THREADED FLANGE + BOLTS (SFFK)

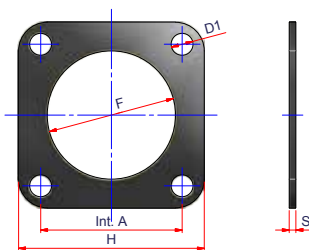
Code	ø	Notes
19SFFK50112	50 x 1 1/2"	
19SFFK632	63 x 2"	UNI-DIN flange bride UNI-DIN
19SFFK903	90 x 3"	brida UNI-DIN UNI-DIN Flansch
19SFFK1104	110 x 4"	flange UNI-DIN flangia UNI-DIN



KIT BRIDE CARRÉE
 KIT BRIDA CUADRADA
 FLANSCH-KIT - VIERECKIGER FLANSCH
 KIT COLARINHO / FLANGE QUADRADA
 KIT FLANGIA QUADRA

SQUARE FLANGE KIT (SAFFQI)

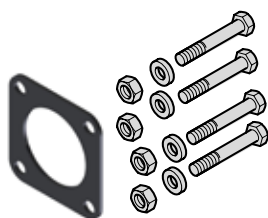
Code	ø	Dn	S	L	L1	H	Int. A	Notes
19SAFFQI50	50	50	4.6	100	67	76	57	
19SAFFQI63	63	63	5.8	115	70	90	64	Viton gasket joint en Viton
19SAFFQI90	90	90	8.2	130	95	114	89	junta de Viton
19SAFFQI110	110	110	10.0	135	95	145	114	Viton-Dichtung junta em Viton
								guarnizione in Viton



JOINT EN VITON CARRÉ POUR SAQF-SAQM
 JUNTA DE VITON CUADRADA PARA SAQF-SAQM
 VIERECKIGE VITON-DICHTUNG FÜR SAQF-SAQM
 JUNTA QUADRADA EM VITON PARA SAQF-SAQM
 GUARNIZIONE QUADRA IN VITON PER SAQF-SAQM

VITON SQUARE GASKET FOR SAQF - SAQM (SGUAQV)

Code	ø	F	H	Int. A	D1	S	Notes
39SGUAQV112	50	45	76	57	10	3	
39SGUAQV2	63	58	84	64	10	3	Viton gasket joint en Viton
39SGUAQV3	90	86	114	89	12	3	junta de Viton
39SGUAQV4	110	111	145	114	14	3	Viton-Dichtung junta em Viton
							guarnizione in Viton

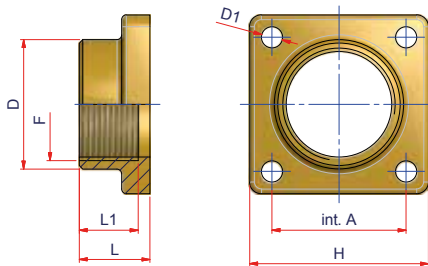


KIT D'ASSEMBLAGE POUR CONTRE-BRIDE SAQF-SAQM
 KIT DE MONTAJE PARA CONTRABRIDA SAQF-SAQM
 MONTAGE-KIT FÜR GEGENFLANSCH SAQF-SAQM
 KIT MONTAGEM PARA CONTRAFLANGE SAQF-SAQM
 KIT DI MONTAGGIO PER CONTROFLANGIA SAQF-SAQM

ASSEMBLY KIT FOR COUNTER FLANGE SAQF-SAQM (SAQFMKI)

Code	ø	Notes
19SAQFMKI112	50 x 1 1/2"	for/pour/para/für/para/per SAQF112 - SAQM112
19SAQFMKI2	63 x 2"	for/pour/para/für/para/per SAQF2 - SAQM2
19SAQFMKI3	90 x 3"	for/pour/para/für/para/per SAQF3 - SAQM3
19SAQFMKI4	110 x 4"	for/pour/para/für/para/per SAQF4 - SAQM4

Viton gasket/joint en Viton/junta de Viton/Viton-Dichtung/junta em Viton/guarnizione in Viton

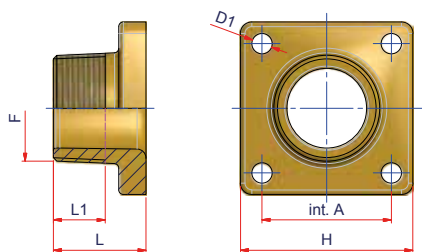


NON-APPROVED FITTINGS
RACCORDS SANS CERTIFICATION
ACCESORIOS SIN CERTIFICACIÓN
NICHT ZERTIFIZIERTE FITTINGS
ACESSÓRIOS NÃO CERTIFICADOS
RACCORDI NON CERTIFICATI

CONTRE-BRIDE FEMELLE
CONTRABRIDA HEMBRA
GEGENFLANSCH MIT INNENGEWINDE
CONTRAFRANGE FÊMEA
CONTROFLANGIA FEMMINA

COUNTER FLANGE FEMALE (SAQF)

Code	ø	F	D	L	L1	H	int. A	D1	Notes
19SAQF112	50 x 1 1/2"	1 1/2"	58	25	20	76	57	9	F BSP thread
19SAQF2	63 x 2"	2"	70	30	25	83	64	9	filet F BSP rosca H BSP
19SAQF3	90 x 3"	3"	100	35	30	114	89	11	BSP-Innengewinde rosca H BSP
19SAQF4	110 x 4"	4"	127	45	40	142	114	13	filettatura F BSP



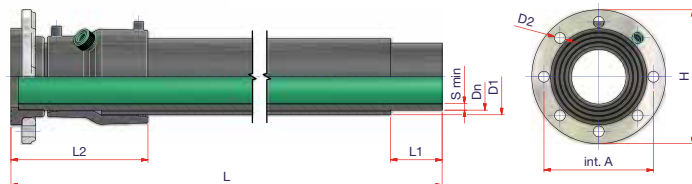
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RACCORDS SANS CERTIFICATION
ACCESORIOS SIN CERTIFICACIÓN
NICHT ZERTIFIZIERTE FITTINGS
ACESSÓRIOS NÃO CERTIFICADOS
RACCORDI NON CERTIFICATI

CONTRE-BRIDE MÂLE
CONTRABRIDA MACHO
GEGENFLANSCH MIT AUSSENGEWINDE
CONTRAFRANGE MACHO
CONTROFLANGIA MASCHIO

COUNTER FLANGE MALE (SAQM)

Code	ø	F	L	L1	H	int. A	D1	Notes
19SAQM112	50 x 1 1/2"	1 1/2"	40	20	76	57	9	M BSP thread
19SAQM2	63 x 2"	2"	45	25	83	64	9	filet M BSP rosca M BSP
19SAQM3	90 x 3"	3"	50	30	114	89	11	BSP-Aussengewinde rosca M BSP
19SAQM4	110 x 4"	4"	60	40	142	114	13	filettatura M BSP

FLANGED

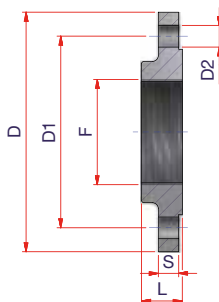


KIT TERMINAL DOUBLE PAROI AVEC BRIDE 110/125
KIT TERMINAL DOBLE PARED CON BRIDA 110/125
DOPPELWANDIGES END-FITTING MIT FLANSCH 110/125
KIT TERMINAL DE PAREDE DUPLA COM FLANGE 110/125
KIT TERMINALE DOPPIA PARETE CON FLANGIA 110/125

DOUBLE WALL TERMINATION FITTING KIT WITH FLANGE 110/125 (SETFVKFLA)

Code	ø	Dn	S min	D1	L1	L2	L	H	int. A	D2	Holes (no.)	Notes
19SETFVKFLA110 (*)	110	110	9.1	125	85	225	785	220	180	18	8	UNI-DIN flange bride UNI-DIN brida UNI-DIN UNI-DIN-Flansch flange UNI-DIN flangia UNI-DIN

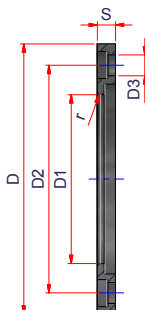
(*) with test port - avec prise de test - con válvula de prueba - mit Prüfanschluss - com tomada para teste - con valvola di prova



BRIDE FEMELLE EN1092
 BRIDA ROSCADA HEMBRA EN1092
 FLANSCH MIT INNENGEWINDE EN1092
 FLANGE ROSCA FÊMEA EN1092
 FLANGIA FEMMINA EN1092

FEMALE FLANGE EN1092 (FLAFF)

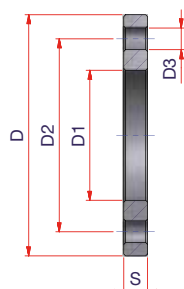
Code	ø	Pn	F	Dn	D	D1	D2	S	L	Holes (no.)	Screws (type)	Notes
00FLAFF112	40 x 1 1/2"	16	1 1/2"	40	150	110	18	13	26	4	M16	
00FLAFF2	50 x 2"	16	2"	50	165	125	18	13	28	4	M16	UNI EN 1092-1
00FLAFF3	80 x 3"	16	3"	80	200	160	18	17	34	8	M16	
00FLAFF4	100 x 4"	16	4"	100	220	180	18	17	38	8	M20	



BRIDE EN FONTE RECOUVERTE DE POLYPROPYLÈNE
 BRIDA DE FUNDICIÓN RECUBIERTA DE POLIPROPILENO
 MIT POLYPROPYLEN BESCHICHTETER GUSSEISENFLANSCH
 FLANGE EM FERRO FUNDIDO REVESTIDO COM POLIPROPILENO
 FLANGIA IN GHISA RICOPERTA DI POLIPROPILENO

POLYPROPYLENE COATED CAST IRON FLANGE (FLAACPP)

Code	ø	Pn	dn(PE)	Dn	D	D1	D2	S	r	D3	Holes (no.)	Screws (type)	Notes
00FLAACPP032	32	10-16	32	25	122	42	85	17	3	14	4	M12	
00FLAACPP050	50	10-16	50	40	156	62	110	19	3	18	4	M16	
00FLAACPP063	63	10-16	63	50	171	78	125	20	3	18	4	M16	
00FLAACPP090	90	10-16	90	80	206	108	160	21	3	18	8	M16	
00FLAACPP110	110	10-16	110	100	226	128	180	22	3	18	8	M16	
00FLAACPP160	160	10-16	160	150	296	178	240	28	3	22	8	M20	



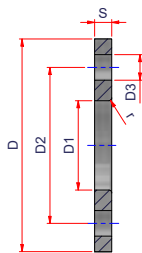
PIÈCES DE RECHANGE – BRIDE INOX (AISI 304)
 REPUESTOS – BRIDA INOX (AISI 304)
 ERSATZTEILE – FLANSCH AUS ROSTFREIEM STAHL (AISI 304)
 PEÇAS DE REPOSIÇÃO – FLANGE INOX (AISI 304)
 PARTI DI RICAMBIO – FLANGIA INOX (AISI 304)

LOOSE FLANGE - SPARE PARTS – STAINLESS STEEL FLANGE AISI 304 (SFLA_SS)

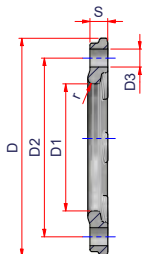
Code	ø	Pn	Dn (PE)	Dn	D	S	D1	D2	D3	Holes (no.)	Screws (type)	Notes
19SFLA32SS	32	16	32	25	115	10	42	85	14	4	M16	
19SFLA40SS	40	16	40	32	140	12	51	100	18	4	M16	
19SFLA50SS	50	16	50	40	150	12	62	110	18	4	M16	UNI-DIN flange bride UNI-DIN brida UNI-DIN UNI-DIN-Flansch flange UNI-DIN flangia UNI-DIN
19SFLA63SS	63	16	63	50	165	12	78	125	18	4	M16	
19SFLA90SS	90	16	90	80	200	13	109	160	18	8	M16	
19SFLA110SS	110	16	110	100	220	13	130	180	18	8	M16	
19SFLA160SS	160	16	160	150	285	13	182	240	22	8	M16	



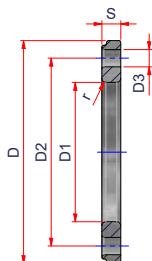
(1)



(2)



(3)

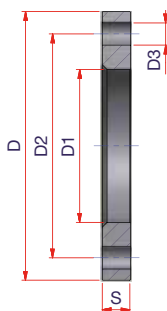


PIÈCES DE RECHANGE - BRIDE
 REPUESTOS - BRIDA
 ERSATZTEILE - FLANSCH
 PEÇAS DE REPOSIÇÃO - FLANGE
 PARTI DI RICAMBIO - FLANGIA

LOOSE FLANGE - SPARE PARTS - FLANGE (FLAAL)

Code	ø	Pn	Dn (PE)	Dn	D	S	D1	r	D2	D3	Holes (no.)	Screws (type)	Notes
00FLAAL032 ⁽¹⁾	32	16	32	25	115	12	45	4	85	14	4	M12	
00FLAAL040 ⁽¹⁾	40	16	40	32	140	16	55	4	100	18	4	M16	
00FLAAL050 ⁽¹⁾	50	16	50	40	150	16	66	4	110	18	4	M16	
00FLAAL063 ⁽²⁾	63	16	63	50	165	18	78	4	125	18	4	M16	
00FLAAL090 ⁽²⁾	90	16	90	80	200	20	108	5	160	18	8	M16	UNI-DIN flange bride UNI-DIN
00FLAAL110 ⁽²⁾	110	16	110	100	220	20	128	5	180	18	8	M16	brida UNI-DIN UNI-DIN Flansch
00FLAAL160 ⁽²⁾	160	16	160	150	285	22	178	5	240	22	8	M20	flange UNI-DIN flangia UNI-DIN
00FLAAL200225/16 ⁽³⁾	200	16	200	200	340	26	238	6	295	22	12	M20	
00FLAAL250/16 ⁽³⁾	250	16	250	250	395	28	288	6	355	25	12	M24	
00FLAAL280/16 ⁽³⁾	280	16	280	250	405	28	294	6	355	25	12	M24	
00FLAAL315/16 ⁽³⁾	315	16	315	300	460	32	338	6	410	25	12	M24	

FLANGED

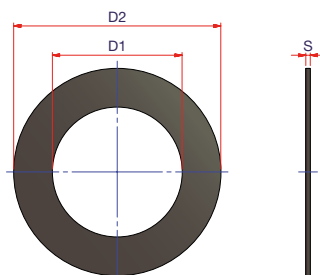


PIÈCES DE RECHANGE - BRIDE
 REPUESTOS - BRIDA
 ERSATZTEILE - FLANSCH
 PEÇAS DE REPOSIÇÃO - FLANGE
 PARTI DI RICAMBIO - FLANGIA



LOOSE FLANGE - SPARE PARTS - FLANGE ANSI 150 (SFLAA)

Code	ø	Pn	Dn (PE)	ANSI 150 Hole Pattern	D	S	D1	D2	D3	Holes (no.)	Screws (type)	Notes
19SFLAA32	32	16	32	1"	107.9	10	42	79.4	15.9	4	M14	
19SFLAA40	40	16	40	1 ¼"	117.5	12	51	88.9	15.9	4	M14	
19SFLAA50	50	16	50	1 ½"	127	12	62	98.4	15.9	4	M14	
19SFLAA63	63	16	63	2"	152.4	12	78	120.6	19	4	M16	
19SFLAA90	90	16	90	3"	190.5	13	108	152.4	19	4	M16	ANSI 150 flange brida ANSI 150 brida ANSI 150 ANSI 150 Flansch flange ANSI 150 flangia ANSI 150
19SFLAA110	110	16	110	4"	228.6	13	128	190.5	19	8	M16	
19SFLAA160	160	16	160	6"	279.4	14	178	241.2	22.2	8	M20	
19SFLAA200	200	16	200	8"	342.9	16	238	298.4	22.2	8	M20	
19SFLAA250	250	16	250	10"	406.4	18	288	361.9	25.4	12	M22	
19SFLAA280	280	16	280	10"	406.4	18	294	361.9	25.4	12	M22	
19SFLAA315	315	16	315	12"	482.6	20	338	431.8	25.4	12	M22	

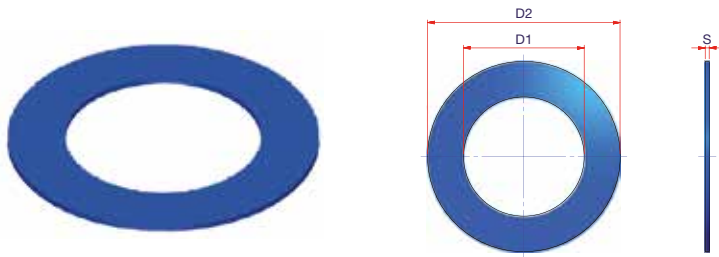


PIÈCES DE RECHANGE - JOINT EN VITON
 REPUESTOS - JUNTA DE VITON
 ERSATZTEILE - VITON-DICHTUNG
 PEÇAS DE REPOSIÇÃO - JUNTA EM VITON
 PARTI DI RICAMBIO - GUARNIZIONE IN VITON

LOOSE FLANGE - SPARE PARTS - VITON GASKET (SGUAV)

Code	ø	D1	D2	S	Notes
39SGUAV32	32	30	71	3	
39SGUAV40	40	34	80	3	
39SGUAV50	50	45	92	3	
39SGUAV63	63	60	107	3	
39SGUAV90	90	89	142	3	
39SGUAV110	110	110	162	3	
39SGUAV160	160	134	212	4	

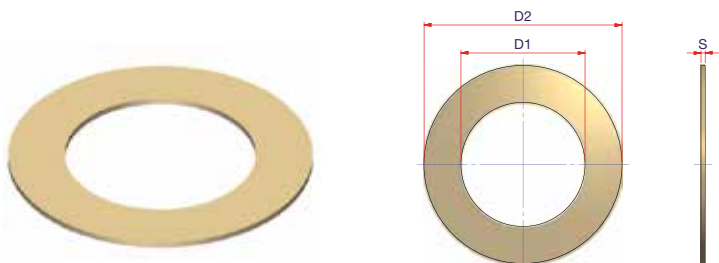
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PIÈCES DE RECHANGE - JOINT
 REPUESTOS - JUNTA
 ERSATZTEILE - DICHTUNG
 PEÇAS DE REPOSIÇÃO - JUNTA
 PARTI DI RICAMBIO - GUARNIZIONE

LOOSE FLANGE - SPARE PARTS - GASKET (SGUAB)

Code	ø	D1	D2	S	Notes
39SGUAB32	32	30	71	3	
39SGUAB40	40	34	80	3	
39SGUAB50	50	45	92	3	
39SGUAB63	63	60	107	3	
39SGUAB90	90	89	142	3	
39SGUAB110	110	110	162	3	
39SGUAB160	160	134	212	4	
39SGUAB200	200	166	268	4	
39SGUAB250	250	267	328	3	
39SGUAB280	280	255	320	3	
39SGUAB315	315	318	378	3	

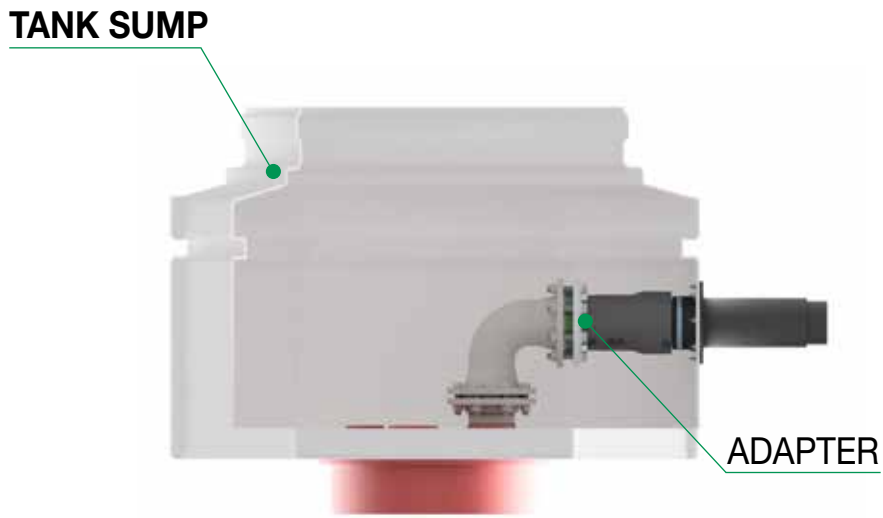
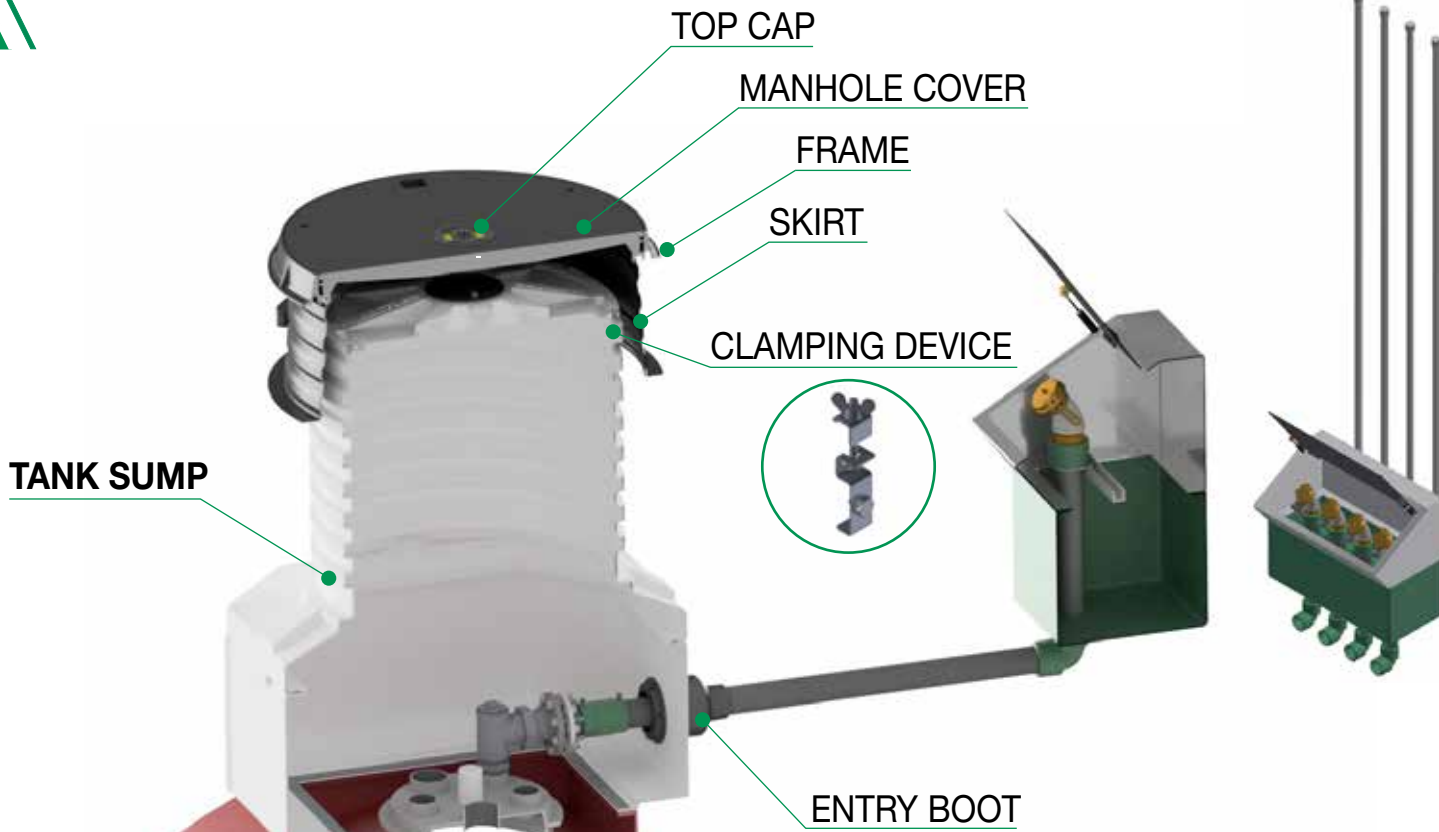


PIÈCES DE RECHANGE - JOINT CONFORME UL 971
 REPUESTOS - JUNTA EN CONFORMIDAD CON UL 971
 ERSATZTEILE - DICHTUNG MIT ZERTIFIKAT UL 971
 PEÇAS DE REPOSIÇÃO - JUNTA EM CONFORMIDADE COM UL 971
 PARTI DI RICAMBIO - GUARNIZIONE IN CONFORMITÀ ALLA NORMA UL 971

UL 971 LISTED LOOSE FLANGE - SPARE PARTS - GASKET (SGUA)

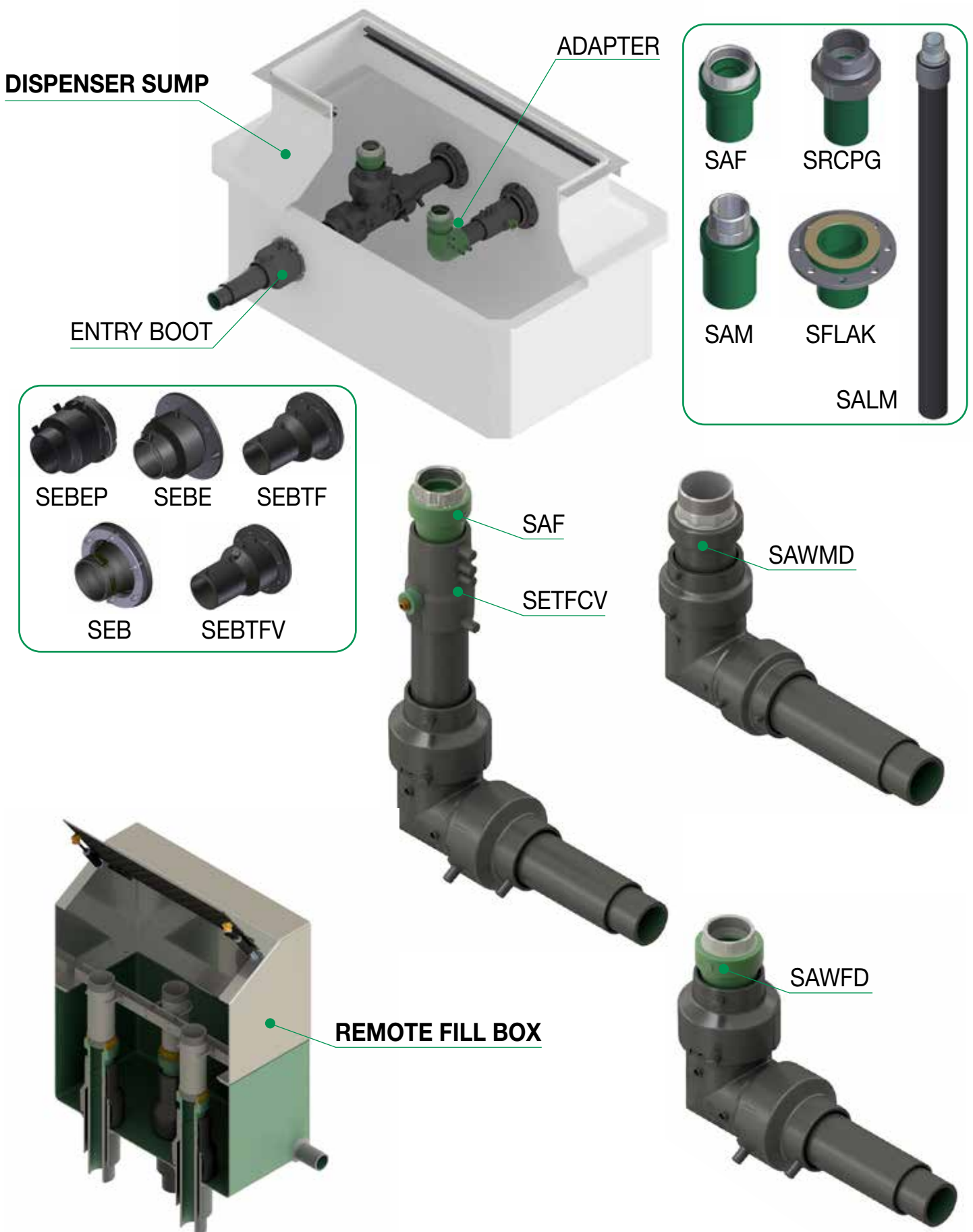
Code	ø	D1	D2	S	Notes
39SGUA32	32	30	71	3	
39SGUA40	40	34	80	3	
39SGUA50	50	45	92	3	
39SGUA63	63	60	107	3	
39SGUA90	90	89	142	3	
39SGUA110	110	110	162	3	
39SGUA160	160	134	212	4	
39SGUA200	200	166	268	4	
39SGUA250	250	267	328	3	
39SGUA280	280	255	320	3	
39SGUA315	315	318	378	3	

**TANK, DISPENSER AND FILL SUMPS
CAISSONS POUR TROU D'HOMME,
DISTRIBUTEUR, DÉPOTAGE
ARQUETAS PARA PASO DE HOMBRE Y PARA SURTIDOR,
DEPÓSITOS PARA LLENADO
TANKSCHACHTEN, ZAPFSÄULENSCHACHTEN,
KONZENTRATWANNEN
POÇOS DE INSPECÇÃO, POÇOS DE INSPECÇÃO PARA
DISTRIBUIDOR, CONTAINER PARA DESCARGA
POZZETTI PER PASSO D'UOMO E PER DISTRIBUTORE,
VASCHE PER CARICO CONCENTRATO**

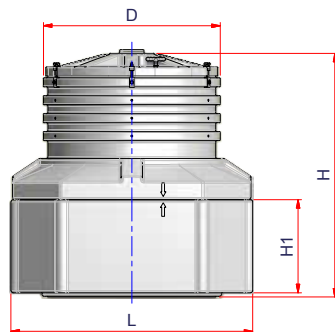


SUMP SYSTEM

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The image is only representative – l’image est simplement illustrative – la imagen es meramente ilustrativa – das Bild ist nur darstellerisch – a imagem é meramente ilustrativa – l’immagine è puramente illustrativa



CAISSON ELECTROSOUDEABLE POUR TROU D'HOMME (PEHD) - COUVERCLE APTE POUR KIT DE MONTAGE ET BOUCHON FILETÉ CENTRAL
 ARQUETA ELECTROSOLDABLE PARA PASO DE HOMBRE (PEAD) - TAPA ADECUADA PARA KIT DE MONTAJE Y TAPÓN CENTRAL ROSCADO
 ELEKTROSCHEISSBARER TANKSCHACHT (PEHD) - DECKEL GEEIGNET FÜR MONTAGESATZ UND MITTIGE GEWINDEKAPPE
 POÇO DE INSPECÇÃO ELECTROSOLDÁVEL (PEAD) - CAPA ADEQUADA PARA KIT DE MONTAGEM E TAMPA CENTRAL COM ROSCA
 POZZETTO ELETTRISALDABILE IN DUE PARTI PER PASSO D'UOMO (PEAD) - COPERCHIO PREDISPOSTO PER KIT DI FISSAGGIO E TAPPO CENTRALE FILETTATO

ELECTROFUSION TANK SUMP (HDPE) - LID READY FOR LID MOUNTING KIT AND TOP THREADED CAP

Code	D	L	H	H1	Notes
19S22TS5238KTN *	987	1330	1350	520	2-piece with bottom opening 860 mm x 860 mm deux pièces ouvert sur le fond 860 mm x 860 mm dos piezas abierto en la parte inferior 860 mm x 860 mm zwei Teile mit Öffnung am Boden 860 mm x 860 mm duas peças abertas na parte inferior 860 mm x 860 mm due pezzi aperto nella parte inferiore 860 mm x 860 mm
19S22TS5238N	987	1330	1350	520	2-piece - deux pièces - dos piezas - zwei Stücke dos pedaços - due pezzi

* The kit includes:
 - 1 perforated gasket
 - 4 backing bars
 - 36 bolts

* Le kit inclut:
 - 1 joint perforée
 - 4 barres de renfort
 - 36 boulons

* El kit incluye:
 - 1 junta perforada
 - 4 barras de refuerzo
 - 36 pernos

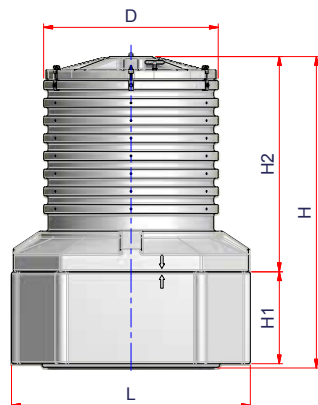
* Der Schweiß-Kit umfasst:
 - 1 perforierte Dichtung
 - 4 Verstärkungsstäbe
 - 36 Bolzen

* O kit contém:
 - 1 junta perfurada
 - 4 barras de suporte
 - 36 parafusos

* Il kit include:
 - 1 guarnizione perforata
 - 4 barre di rinforzo
 - 36 bulloni

We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre. Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro. Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden. Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparli utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.



CAISSON ELECTROSOUDEABLE POUR TROU D'HOMME EN DEUX PIÈCES (PEHD) - LONG - COUVERCLE APTE POUR KIT DE MONTAGE ET BOUCHON FILETÉ CENTRAL
 ARQUETA ELECTROSOLDABLE DE DOS PIEZAS PARA PASO DE HOMBRE (PEAD) - LARGA - TAPA ADECUADA PARA KIT DE MONTAJE Y TAPÓN CENTRAL ROSCADO
 ZWEITEILIGER ELEKTROSCHEISSBARER TANKSCHACHT (PEHD) - STEIGLEITUNG - DECKEL GEEIGNET FÜR MONTAGESATZ UND MITTIGE GEWINDEKAPPE
 POÇO DE INSPECÇÃO ELECTROSOLDÁVEL EM DUAS PEÇAS (PEAD) - LONGO - CAPA ADEQUADA PARA KIT DE MONTAGEM E TAMPA CENTRAL COM ROSCA
 POZZETTO ELETTRISALDABILE IN DUE PARTI PER PASSO D'UOMO (PEAD) - ALTO - COPERCHIO PREDISPOSTO PER KIT DI FISSAGGIO E TAPPO CENTRALE FILETTATO

ELECTROFUSION TANK SUMP (HDPE) - LONG RISER - LID READY FOR LID MOUNTING KIT AND TOP THREADED CAP

Code	D	L	H	H1	H2	Notes
19S22TS5238KTLR*	987	1330	1750	520	1210	2-piece with bottom opening 860 mm x 860 mm deux pièces ouvert sur le fond 860 mm x 860 mm dos piezas abierto en la parte inferior 860 mm x 860 mm zwei Teile mit Öffnung am Boden 860 mm x 860 mm duas peças abertas na parte inferior 860 mm x 860 mm due pezzi aperto nella parte inferiore 860 mm x 860 mm
19S22TS5238LR	987	1330	1750	520	1210	2-piece - deux pièces - dos piezas - zwei Stücke dos pedaços - due pezzi

* The kit includes:
 - 1 perforated gasket
 - 4 backing bars
 - 36 bolts

* Le kit est formé par:
 - 1 joint perforée
 - 4 barres de renfort
 - 36 boulons

* El kit está compuesto por:
 - 1 junta perforada
 - 4 barras de refuerzo
 - 36 pernos

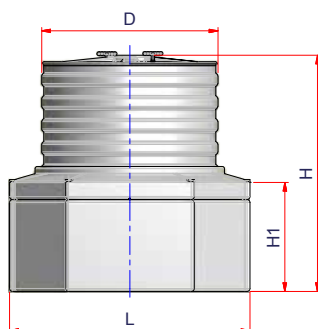
* Der Schweiß-Kit umfasst:
 - 1 perforierte Dichtung
 - 4 Verstärkungsstäbe
 - 36 Bolzen

* O kit contém:
 - 1 junta perfurada
 - 4 barras de suporte
 - 36 parafusos

* Il kit include:
 - 1 guarnizione perforata
 - 4 barre di rinforzo
 - 36 bulloni

We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre. Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro. Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden. Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparli utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.



CAISSON ELECTROSOUDEABLE POUR TROU D'HOMME (PEHD)
 ARQUETA ELECTROSOLDABLE PARA PASO DE HOMBRE (PEAD)
 ELEKTROSCHWEISSBARER TANKSCHACHT (PEHD)
 POÇO DE INSPECÇÃO ELECTROSOLDÁVEL (PEAD)
 POZZETTO ELETTRISALDABILE PER PASSO D'UOMO (PEAD)

ELECTROFUSION TANK SUMP (HDPE)

Code	D	L	H	H1	Notes
19S22TS4536 ⁽¹⁾	783	1150	990	440	2-piece - deux pièces - dos piezas zweitteilig - duas peças - due pezzi
19S22TS5238 ⁽²⁾	958	1300	1300	600	

Use the 19STSIK tool and refer to the assembly instructions for a correct installation
 Pour installer correctement, lire nos instructions d'assemblage et utiliser le kit 19STSIK.
 Para instalar correctamente, leer nuestras instrucciones de montaje y utilizar el kit 19STSIK.
 Für eine korrekte Installation das Werkzeug 19STSIK verwenden und die Montageanleitung lesen.
 Para uma correcta instalação utilizar o 19STSIK e ler as instruções.

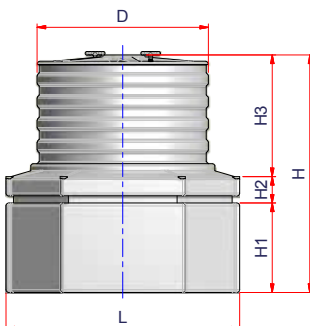
Utilizzare il 19STSIK e leggere le istruzioni di assemblaggio per una corretta installazione

⁽¹⁾ Adjustable height / Hauteur réglable / Altura ajustable / Verstellbare Höhe / Altura regulável / Altezza regolabile min = 625mm max = 990mm

⁽²⁾ Adjustable height / Hauteur réglable / Altura ajustable / Verstellbare Höhe / Altura regulável / Altezza regolabile min = 755mm max = 1253mm

We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre.
 Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro.
 Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden.
 Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparlo utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.



CAISSON POUR TROU D'HOMME (PEHD)
 ARQUETA PARA PASO DE HOMBRE (PEAD)
 TANKSCHACHT (PEHD)
 POÇO DE INSPECÇÃO (PEAD)
 POZZETTO PER PASSO D'UOMO (PEAD)

TANK SUMP (HDPE)

Code	D	L	H	H1	H2	H3	Notes
19STS4536	783	1150	1012	381	137	494	1-piece - une pièce - una pieza einteilig - uma peça - un pezzo
19STS5238	958	1300	1326	500	220	606	

* We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

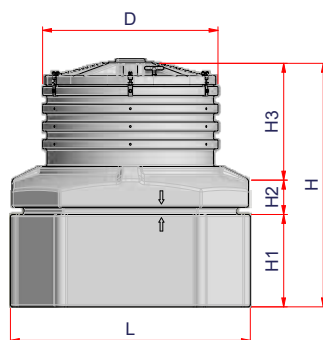
* S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre.

* Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro.

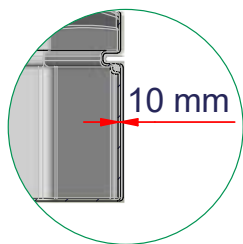
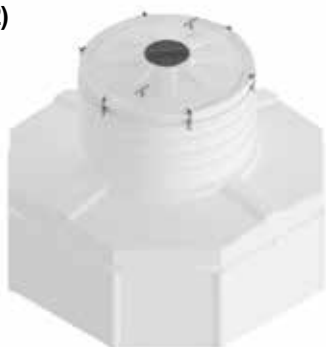
* Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden.

* Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparlo utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.

(1)



(2)



CAISSON POUR TROU D'HOMME (PEHD) - COUVERCLE APTE POUR KIT DE MONTAGE ET BOUCHON FILETÉ CENTRAL - ÉPAISSEUR 10 mm

ARQUETA PARA PASO DE HOMBRE (PEAD) - TAPA ADECUADA PARA KIT DE MONTAJE Y TAPÓN CENTRAL ROSCADO - ESPESOR 10 mm

TANKSCHACHT (PEHD) - DECKEL GEEIGNET FÜR MONTAGESATZ UND MITTIGE GEWINDEKAPPE - DURCHMESSER 10 mm

POÇO DE INSPECÇÃO (PEAD) - CAPA ADEQUADA PARA KIT DE MONTAGEM E TAMPAS CENTRAL COM ROSCA - ESPESURA 10 mm

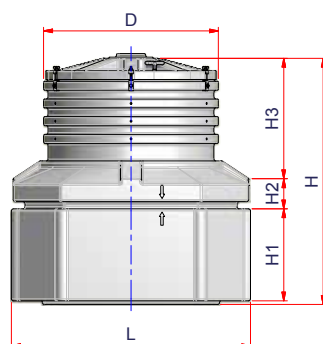
POZZETTO PER PASSO D'UOMO (PEAD) - COPERCHIO PREDISPOSTO PER KIT DI FISSAGGIO E TAPPO CENTRALE FILETTATO - SPESSORE 10 mm

TANK SUMP (HDPE) - LID READY FOR LID MOUNTING KIT AND TOP THREADED CAP - THICKNESS 10 mm

Code	D	L	H	H1	H2	H3	Notes
19STS5238NHBD ⁽¹⁾	987	1330	1400	520	170	680	1-piece - une pièce - uma peça - einteilig - um pedaço - un pezzo
19STS6538NHBD ⁽²⁾	987	1650	1400	520	170	680	1-piece - une pièce - uma peça - einteilig - um pedaço - un pezzo

We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre. Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro. Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden. Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparli utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.



CAISSON POUR TROU D'HOMME (PEHD) - COUVERCLE APTE POUR KIT DE MONTAGE ET BOUCHON FILETÉ CENTRAL

ARQUETA PARA PASO DE HOMBRE (PEAD) - TAPA ADECUADA PARA KIT DE MONTAJE Y TAPÓN CENTRAL ROSCADO

TANKSCHACHT (PEHD) - DECKEL GEEIGNET FÜR MONTAGESATZ UND MITTIGE GEWINDEKAPPE

POÇO DE INSPECÇÃO (PEAD) - CAPA ADEQUADA PARA KIT DE MONTAGEM E TAMPAS CENTRAL COM ROSCA

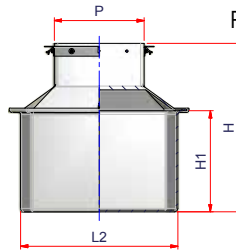
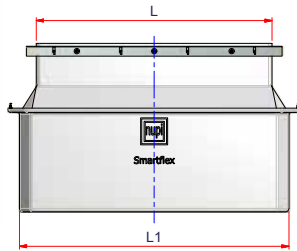
POZZETTO PER PASSO D'UOMO (PEAD) - COPERCHIO PREDISPOSTO PER KIT DI FISSAGGIO E TAPPO CENTRALE FILETTATO

TANK SUMP (HDPE) - LID READY FOR LID MOUNTING KIT AND TOP THREADED CAP

Code	D	L	H	H1	H2	H3	Notes
19STS5238N	987	1330	1400	520	170	680	1-piece - une pièce - uma peça - einteilig - um pedaço - un pezzo

We would like to inform you that the bottom of tank sumps has a small hole. If necessary, it can be closed using items SEBE + STPCL of any diameter.

S'il vous plaît notez que le fond des caissons pour trou d'homme à une petite ouverture. Si nécessaire, cette ouverture peut être fermée à l'aide des articles SEBE + STPCL de n'importe quel diamètre. Les rogamos que tengan en cuenta que el fondo de las arquetas para paso de hombre tiene una pequeña apertura. Si es necesario, es posible cerrarla utilizando los artículos SEBE + STPCL de cualquier diámetro. Bitte beachten Sie, dass sich am Boden des Tankschachts eine kleine Öffnung befindet. Gegebenenfalls können Sie diese Öffnung mit den Artikeln SEBE + STPCL (unabhängig vom Durchmesser) geschlossen werden. Vi segnaliamo che il fondo dei pozzetti per passo d'uomo presenta un piccolo foro. Se necessario, è possibile tapparli utilizzando gli articoli SEBE + STPCL di qualsiasi diametro.

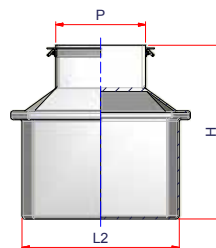
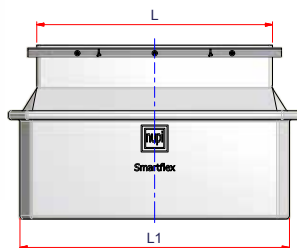


CAISSON ELECTROSOLDABLE POUR DISTRIBUTEUR (PEHD)
 ARQUETA ELECTROSOLDABLE PARA SURTIDOR (PEAD)
 ELEKTROSCHWEISSBARER ZAPFSÄULENSCHACHT (PEHD)
 POÇO DE INSPECÇÃO ELECTROSOLDÁVEL PARA DISTRIBUIDOR (PEAD)
 POZZETTO ELETTRISALDABILE PER DISTRIBUTORE (PEAD)

DISPENSER SUMP (HDPE) - ELECTROFUSION

Code	P	L	L1	L2	H	H1	Notes
19S21DS2111	279	527	864	711	762	457	
19S21DS2518	444	622	864	711	762	457	
19S21DS3016	406	762	1219	711	762	457	2-piece - deux pièces - dos piezas zweiteilig - duas peças - due pezzi
19S21DS4216	406	1067	1219	711	762	457	
19S21DS4620	508	1168	1219	711	762	457	

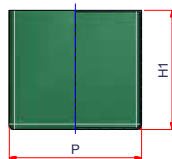
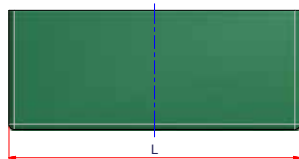
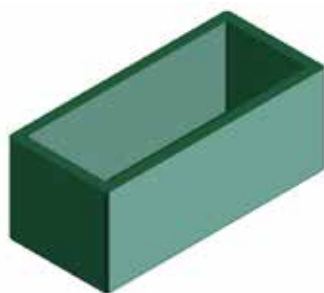
- use the 19SDSIK tool and refer to the assembly instructions for a correct installation
- utiliser le kit 19SDSIK et consulter les instructions pour une installation correcte
- utilizar el kit 19SDSIK y consultar las instrucciones para una instalación correcta
- für eine korrekte Installation das Werkzeug 19SDSIK verwenden und die Montageanleitung lesen
- para uma correcta instalação utilizar o kit 19SDSIK e ler as instruções
- utilizzare il kit 19SDSIK e consultare le istruzioni per una corretta installazione



CAISSON POUR DISTRIBUTEUR (PEHD)
 ARQUETA PARA SURTIDOR (PEAD)
 ZAPFSÄULENSCHACHT (PEHD)
 POÇO DE INSPECÇÃO PARA DISTRIBUIDOR (PEAD)
 POZZETTO PER DISTRIBUTORE (PEAD)

DISPENSER SUMP (HDPE)

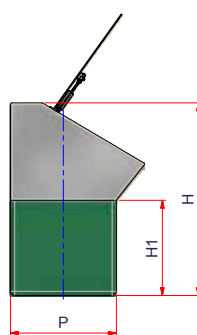
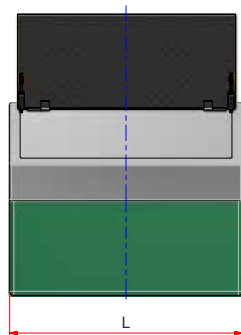
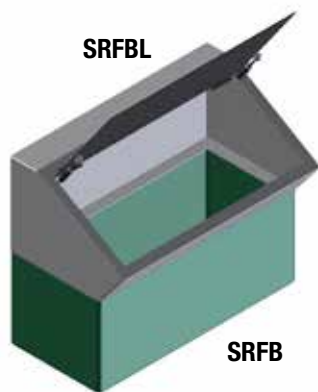
Code	P	L	L1	L2	H	Notes
19SDS2111	279	527	864	711	786	
19SDS2518	444	622	864	711	786	
19SDS3016	406	762	1219	711	786	1-piece - une pièce - una pieza einteilig - uma peça - un pezzo
19SDS4216	406	1067	1219	711	786	
19SDS4620	508	1168	1219	711	786	



CAISSON POUR DISTRIBUTEUR (PEHD)
ARQUETA PARA DISPENSADOR (PEAD)
VERTEILERSCHACHT (PEHD)
POÇO DE INSPECÇÃO PARA DISTRIBUIDOR (PEAD)
POZZETTO PER DISTRIBUTORE (PEAD)

FILL BOX (HDPE)

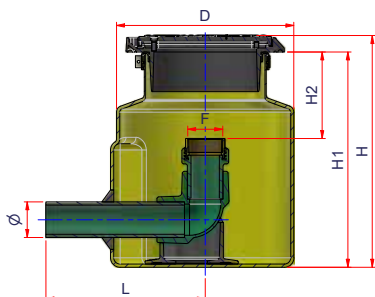
Code	L	P	H1	Notes
19SRFB800	800	500	450	Customizable top opening
19SRFB1100	1100	500	450	Ouverture supérieure personnalisable
19SRFB1600	1600	500	450	Abertura superior personalizable Kundenspezifische obere Öffnung Abertura superior personalizável Apertura superiore personalizzabile



CAISSON POUR DÉPOTAGE (PEAD) ET COUVERCLE
DEPÓSITO PARA LLENADO CONCENTRADO (PEAD) Y TAPA
KONZENTRATWANNE (PEHD) MIT DECKEL
CONTAINER PARA DESCARGA A DISTÂNCIA (PEAD) E TAMPA
VASCA CARICO CONCENTRATO (PEAD) E COPERCHIO

REMOTE FILL BOX (HDPE) AND LID

Code	L	P	H1	H	Notes
19SRFB800	-	-	-	-	Base only without lid/seulement base sans couvercle/sólo base sin tapa/nur Sockel ohne Deckel/somente base sem tampa/solo base senza coperchio
19SRFBL800	-	-	-	-	lid for SRFB800/couvercle pour SRFB800/tapa para SRFB800/Deckel für SRFB800/tampa para SRFB800/coperchio per SRFB800
19SRFBC800	800	500	450	910	complete fill box/caisson complet/dépósito completo/Wanne komplett/container completo/cassone completo
19SRFB1100	-	-	-	-	Base only without lid/seulement base sans couvercle/sólo base sin tapa/nur Sockel ohne Deckel/somente base sem tampa/solo base senza coperchio
19SRFBL1100	-	-	-	-	lid for SRFB1100/couvercle pour SRFB1100/tapa para SRFB1100/Deckel für SRFB1100/tampa para SRFB1100/coperchio per SRFB1100
19SRFBC1100	1100	500	450	910	complete fill box/caisson complet/dépósito completo/Wanne komplett/container completo/cassone completo
19SRFB1600	-	-	-	-	Base only without lid/seulement base sans couvercle/sólo base sin tapa/nur Sockel ohne Deckel/somente base sem tampa/solo base senza coperchio
19SRFBL1600	-	-	-	-	lid for SRFB1600/couvercle pour SRFB1600/tapa para SRFB1600/Deckel für SRFB1600/tampa para SRFB1600/coperchio per SRFB1600
19SRFBC1600	1600	500	450	910	complete fill box/caisson complet/dépósito completo/Wanne komplett/container completo/cassone completo

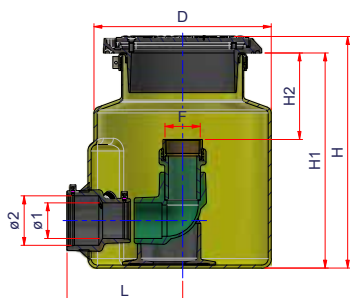


CAISSON DE DEPOTAGE (PEHD) AVEC SORTIE SIMPLE PAROI AVEC TAMPON DE PISTE B125
 ARQUETA DE CONTENIMIENTO PARA LLENADO REMOTO (PEAD) CON SALIDA SIMPLE PARED
 CON TAPA PARA PASO DE HOMBRE B125
 FERNFÜLLSCHACHT (PEHD) - EINWANDIGER AUSLASS MIT SCHACHTDECKEL B125
 POÇO DE INSPECÇÃO PARA DESCARGA À DISTÂNCIA (PEAD) COM SAÍDA DE PAREDE SIMPLES
 COM TAMPON PARA POÇO DE INSPECÇÃO B125
 POZZETTO PER CARICO REMOTO (PEAD) CON USCITA SINGOLA PARETE CON CHIUSINO B125

REMOTE SPILL CONTAINMENT (HDPE) WITH SINGLE WALL OUTPUT WITH MANHOLE COVER B125

Code	Ø (in)	F	D	L	H	H1	H2	Notes
19SSC3FNPTSW	3"	3" NPT	448	402	585	544	215	3" F NPT SW pipe/tuyau SP/tubo SP/EW Rohr/tubo de PS/tubo SP
19SSC3FSW	3"	3"	448	402	585	544	215	3" F BSP SW pipe/tuyau SP/tubo SP/EW Rohr/tubo de PS/tubo SP
19SSC4FNPTSW	4"	4" NPT	448	411	585	544	194	4" F NPT SW pipe/tuyau SP/tubo SP/EW Rohr/tubo de PS/tubo SP
19SSC4FSW	4"	4"	448	411	585	544	194	4" F BSP SW pipe/tuyau SP/tubo SP/EW Rohr/tubo de PS/tubo SP

Available with C250 or D400 manhole cover
 Disponible avec tampon de piste C250 ou D400
 Disponible con tapa para paso de hombre C250 o D400
 Vorrätig mit Schachtdeckel C250 oder D400
 Disponivel com tampa para poço de inspeção C250 o D400
 Disponibile con chiusino versione C250 o D400

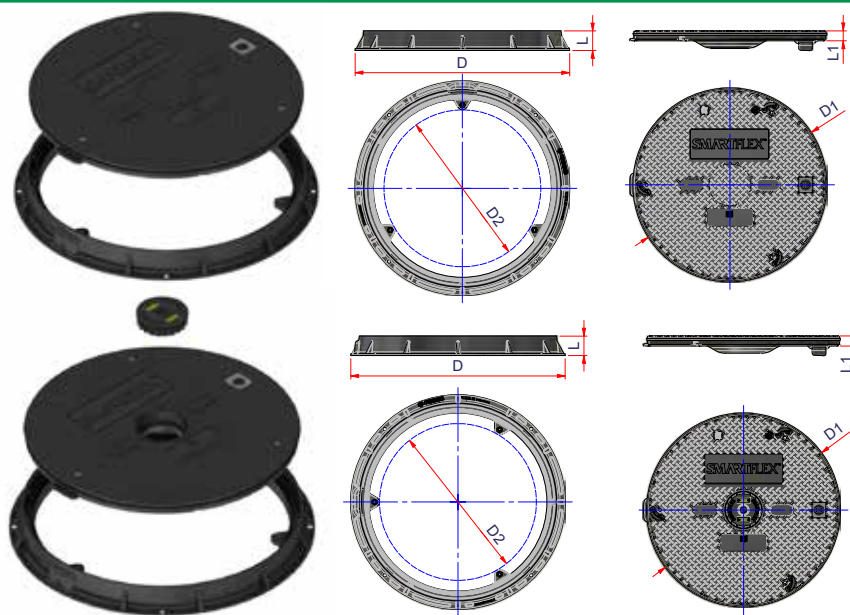


CAISSON DE DEPOTAGE (PEHD) AVEC SORTIE DOUBLE PAROI AVEC TAMPON DE PISTE B125
 ARQUETA DE CONTENIMIENTO PARA LLENADO REMOTO (PEAD) CON SALIDA DOBLE PARED
 CON TAPA PARA PASO DE HOMBRE B125
 FERNFÜLLSCHACHT (PEHD) - DOPPELWANDIGER AUSLASS MIT SCHACHTDECKEL B125
 POÇO DE INSPECÇÃO PARA DESCARGA À DISTÂNCIA (PEAD) COM SAÍDA DE PAREDE DUPLA
 COM TAMPON PARA POÇO DE INSPECÇÃO B125
 POZZETTO PER CARICO REMOTO (PEAD) CON USCITA DOPPIA PARETE CON CHIUSINO B125

REMOTE SPILL CONTAINMENT (HDPE) WITH DOUBLE WALL OUTPUT WITH MANHOLE COVER B125

Code	Ø 1 (in)	Ø 2 (in)	F	D	L	H	H1	H2	Notes
19SSC3FNPTDW	3"	5"	3" NPT	448	292	585	544	215	3" F NPT DW pipe/tuyau DP/tubo DP/DW Rohr/tubo de PD/tubo DP
19SSC3FDW	3"	5"	3"	448	292	585	544	215	3" F BSP DW pipe/tuyau DP/tubo DP/DW Rohr/tubo de PD/tubo DP
19SSC4FNPTDW	4"	5"	4" NPT	448	311	585	544	195	4" F NPT DW pipe/tuyau DP/tubo DP/DW Rohr/tubo de PD/tubo DP
19SSC4FDW	4"	5"	4"	448	311	585	544	195	4" F BSP DW pipe/tuyau DP/tubo DP/DW Rohr/tubo de PD/tubo DP

Available with C250 or D400 manhole cover
 Disponible avec tampon de piste C250 ou D400
 Disponible con tapa para paso de hombre C250 o D400
 Vorrätig mit Schachtdeckel C250 oder D400
 Disponivel com tampa para poço de inspeção C250 o D400
 Disponibile con chiusino versione C250 o D400



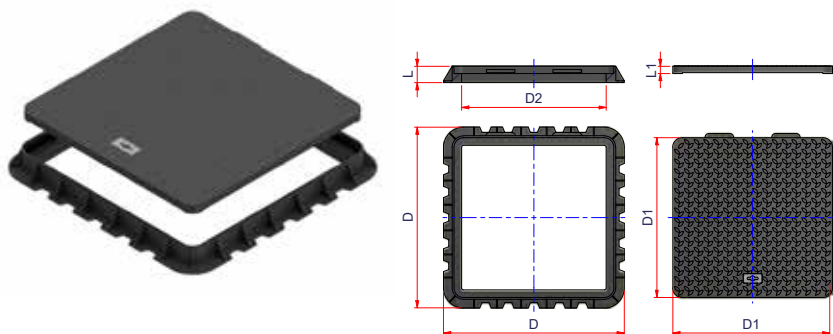
TAMPON DE PISTE HYDROFUGÉ CONFORME EN124 - AVEC OU SANS TAMPONET
 TAPA PARA PASO DE HOMBRE IMPERMEABLE EN ACUERDO CON EN124 - CON O SIN TAPON CENTRAL
 WASSERDICHTER SCHACHTDECKEL MIT ZERTIFIKAT EN124 - MIT ODER OHNE MITTIGEN VERSCHLUSS
 TAMPA PARA POÇO DE INSPECÇÃO IMPERMEÁVEL EM CONFORMIDADE EN124 - COM OU SEM TAMPA CENTRAL
 CHIUSINO PER PASSO D'UOMO IMPERMEABILE IN ACCORDO CON EN124 - CON O SENZA TAPPO CENTRALE

Demonstration image please check the specifications - Image de démonstration vérifier les spécifications - Imagen de demostración verifique las especificaciones - Demonstrationsbild überprüfen Sie die Spezifikationen - Imagem de demonstração verificar as especificações - Immagine dimostrativa verificare le specifiche

WATERTIGHT RAIN TIGHT MANHOLE COVER EN124 LISTED WITH OR WITHOUT DIP CAP

Code		Class EN124	ø	D	L	D2	D1	L1	Notes
19STAM36WTC250	Certificate EN124	C250	36"	1100	89.5	905	985	37.5	NO DIP CAP SANS TAMPONET SIN TAPON CENTRAL OHNE MITTIGEN VERSCHLUSS SEM TAMPA CENTRAL SENZA DIP CAP
19STAM36WTD400		D400	36"	1100	100	905	985	48	
19STAM42WTC250	Certificate EN124	C250	42"	1230	93	980	1120	63	Certified according to EN124 Certificato secondo EN124 Certifié selon EN124 Certificado según EN124 Certificado de acordo com EN124 Zertifiziert nach EN124
19STAM42WTD400		D400	42"	1230	100	980	1120	70	
19STAM36WTC250DC		C250	36"	1100	89.5	905	985	37.5	WITH DIP CAP AVEC TAMPONET CON TAPON CENTRAL MIT MITTIGEN VERSCHLUSS COM TAMPA CENTRAL CON DIP CAP
19STAM36WTD400DC		D400	36"	1100	100	905	985	48	
19STAM42WTC250DC		C250	42"	1230	93	980	1120	63	Tested in compliance with EN124 Testé conformément à la norme EN124 Probado de acuerdo con EN124 Getestet in Übereinstimmung mit EN124 Testado em conformidade com EN124 Testato in conformità con EN124
19STAM42WTD400DC		D400	42"	1230	100	980	1120	70	

SUMP SYSTEM

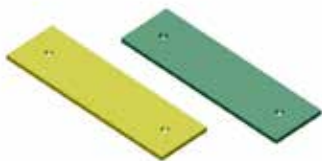


TAMPON DE PISTE CARRÉ HYDROFUGÉ EN MATÉRIAU COMPOSITE CONFORME EN124
 TAPA CUADRADA PARA PASO DE HOMBRE IMPERMEABLE DE MATERIAL COMPUESTO EN ACUERDO CON EN124
 QUADRATISCHER WASSERDICHTER SCHACHTDECKEL AUS VERBUNDSTOFF MIT ZERTIFIKAT EN124
 TAMPA QUADRADA PARA POÇO DE INSPECÇÃO IMPERMEÁVEL EM MATERIAL COMPÓSITO EM CONFORMIDADE EN124
 CHIUSINO QUADRO PER PASSO D'UOMO IMPERMEABILE IN MATERIALE COMPOSITO IN ACCORDO CON EN124

Demonstration image please check the specifications - Image de démonstration vérifier les spécifications - Imagen de demostración verifique las especificaciones - Demonstrationsbild überprüfen Sie die Spezifikationen - Imagem de demonstração verificar as especificações - Immagine dimostrativa verificare le specifiche

SQUARE WATERTIGHT RAIN TIGHT COMPOSITE MANHOLE COVER EN124 LISTED

Code	Class EN124	D	L	D2	D1	L1	Notes
19STAMF600B125	B125	700	42	602	643	28	cover, frame and lock/tampon, cadre et verrou/tapa, marco y cierre/Schachtdeckel, Rahmen und Verriegelung/cobertura, quadro e fechamento/coperchio, telaio, o e serratura
19STAMF760C250	C250	950	86	760	840	38	cover, frame and lock/tampon, cadre et verrou/tapa, marco y cierre/Schachtdeckel, Rahmen und Verriegelung/cobertura, quadro e fechamento/coperchio, telaio, o e serratura
19STAMF760D400	D400	950	100	760	840	52	cover, frame and lock/tampon, cadre et verrou/tapa, marco y cierre/Schachtdeckel, Rahmen und Verriegelung/cobertura, quadro e fechamento/coperchio, telaio, o e serratura



PLAQUE D'IDENTIFICATION DU PRODUIT EN METAL
PLACA DE IDENTIFICACIÓN DEL PRODUCTO DE METAL
PRODUKTTYPENSCHILD AUS METALL
PLACA DE IDENTIFICAÇÃO DO PRODUTO EM METAL
TARGHETTA DI IDENTIFICAZIONE PRODOTTO IN METALLO

METAL STAB FOR PRODUCT IDENTIFICATION

Code	Notes
19STABSYELLOW (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia
19STABSORANGE (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia
19STABSBLACK (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia
19STABSBLUE (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia
19STABSGREEN (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia
19STABSRD (*)	for/pour/para/für/para/per 19STAM42WTCLPDC and/et/y/und/e 19STAM36WTCLPDC item sold in pairs - article vendu par paires - artículo vendido en pares - paarweise verkaufter Artikel - item vendido em pares - articolo venduto a coppia

class C250 / EN124 - classe C250 / EN124 - clase C250 / EN124 - Klasse C250 / EN124 - classe C250 / EN 124 - classe C250 / EN124

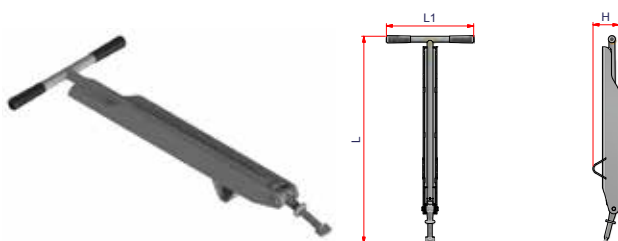
(*) available upon request - disponible sur demande - disponible a pedido - verfügbar auf Anfrage - disponível sob encomenda - disponibile su richiesta



JUPE EN PEHD POUR TAMPON DE PISTE HYDROFUGÉ EN MATÉRIAU COMPOSITE
FALDA DE PEAD PARA PASO DE HOMBRE IMPERMEABLE DE MATERIAL COMPUESTO
RAND AUS PEHD FÜR WASSERDICHTEN SCHACHTDECKEL AUS VERBUNDSTOFF
SAIA EM PEAD PARA TAMPA PARA POÇO DE INSPECÇÃO IMPERMEÁVEL EM MATERIAL COMPÓSITO
GONNA IN PEAD PER CHIUSINO PER PASSO D'UOMO IMPERMEABILE IN MATERIALE COMPOSITO

HDPE SKIRT FOR WATERTIGHT COMPOSITE MANHOLE COVER 19STAM_CLP AND 19STAM_CLPDC

Code	Notes
19SSKIRT36	for/pour/para/für/para/per 19STAM36WT_
19SSKIRT42	for/pour/para/für/para/per 19STAM42WT_







CLE DE VERROUILLAGE POUR TAMPON DE PISTE AVEC DISPOSITIF POUR LA RUPTURE DU SCEAU
LLAVE DE ELEVACIÓN PARA TAPA BOCA DE HOMBRE CON SISTEMA ROMPESELLO
HEBESTANGE FÜR SCHACHTDECKEL MIT DICHTUNGSBRECHER
ALAVANCA DE LEVANTAMENTO PARA TAMPA POÇO DE INSPECÇÃO COM SISTEMA QUEBRA-SELAGEM
ASTA DI SOLLEVAMENTO PER CHIUSINO PASSO D'UOMO CON ROMPISIGILLO

LIFTING PLATE FOR WATERTIGHT COMPOSITE MANHOLE COVER 19STAM_CLP AND 19STAM_CLPDC WITH SEAL BREAKER

Code	L	L1	H
19STAMPLPW	868.5	366	109

WATERTIGHT RAIN TIGHT MANHOLE COVER - SPARE PARTS

	Code	Ø		Notes
	19STAMGASKET36R	36"	radial gasket - joint radial - junta radial Radialdichtung - junta radial - guarnizione radiale	spare gasket joint de rechange
	19STAMGASKET36F	36"	front gasket - joint avant - junta frontal Vordere Dichtung - junta frontal - guarnizione frontale	junta de repuesto Ersatzdichtung
	19STAMGASKET42R	42"		junta de reposição guarnizione di ricambio
	19STAMDIPCAP	36"		spare dip cap tamponet de rechange
		42"		tapón central de repuesto mittiger Ersatzverschluss tampa central de reposição Dip Cap di ricambio
	19STAMGASKETDC	36"		spare seal for dip cap joint de rechange pour tamponet
		42"		junta de repuesto para tapón central Ersatzdichtung für mittigen Verschluss selo de reposição para tampa central guarnizione di ricambio per Dip Cap
	19STAMCLPLUG	36"		spare plug for cam lock bouchon de rechange pour verrou cam lock
		42"		tapón de repuesto para cierre cam lock Ersatzverschluss für Cam Lock plugue de reposição para fechamento cam lock tappo di ricambio



(1)



(2)

KIT DE FERMETURE CAISSON ELECTROSOUDABLE POUR TROU D'HOMME
 KIT DE CIERRE PARA ARQUETA ELECTROSDABLE PARA PASO DE HOMBRE
 ABSCHLUSS-KIT FÜR ELEKTROSCHWEISSBAREN TANKSCHACHT
 KIT DE FECHAMENTO PARA POÇO DE INSPECÇÃO ELECTROSDÁVEL
 KIT CHIUSURA PER POZZETTO PER PASSO D'UOMO ELETTRISALDABILE

CLOSURE KIT FOR ELECTROFUSION TANK SUMP

Code	Description	Notes
19STFG ⁽¹⁾	threaded cap/bouchon fileté/tapón roscado/Gewindekappe/ tampa com rosca/tappo filettato	for lid/pour couvercle/para tapa/für Deckel/para tampa/per coperchio
19SKFSS ⁽²⁾	Stainless Steel clamp/griffe INOX/grifa de unión INOX/ Klammer aus rostfreiem Stahl/grampo INOX/morsetto INOX	for lid/pour couvercle/para tapa/für Deckel/para tampa/per coperchio



COUVERCLE DE RECHANGE POUR CAISSON ELECTROSOUDABLE POUR TROU D'HOMME
 TAPA DE REPUESTO PARA ARQUETA ELECTROSDABLE PARA PASO DE HOMBRE
 ERSATZDECKEL FÜR ELEKTROSCHWEISSBARER TANKSCHACHT
 CAPA DE REPOSIÇÃO PARA POÇO DE INSPECÇÃO ELECTROSDÁVEL L
 COPERCHIO DI RICAMBIO PER POZZETTO ELETTRISALDABILE PER PASSO D'UOMO

SPARE LID FOR ELECTROFUSION TANK SUMP

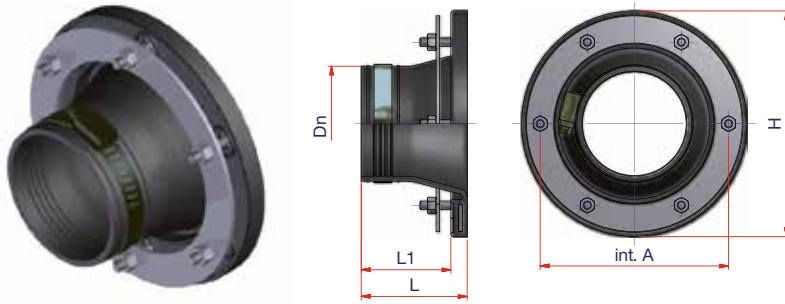
Code	Notes
19STSC5238	



CAOUTCHOUC ISOLANT À DEUX COMPOSANTS EN PATE, MODELABLE ET AUTO-EXTINGUIBLE
 GOMA AISLANTE BICOMPONENTE EN PASTA, MOLDEABLE Y AUTOEXTINGUIBLE
 MODELLIERBARER, SELBSTLÖSCHENDER ZWEIKOMPONENTEN-ISOLIERSTOFF
 BORRACHA ISOLANTE BICOMPONENTE NA MASSA, MOLDÁVEL E AUTO-EXTINGUÍVEL
 GOMMA ISOLANTE BICOMPONENTE IN PASTA, MODELLABILE E AUTOESTINGUENTE

TWO-COMPONENT INSULATING RUBBER PASTE – MOLDABLE, SELF-EXTINGUISHING

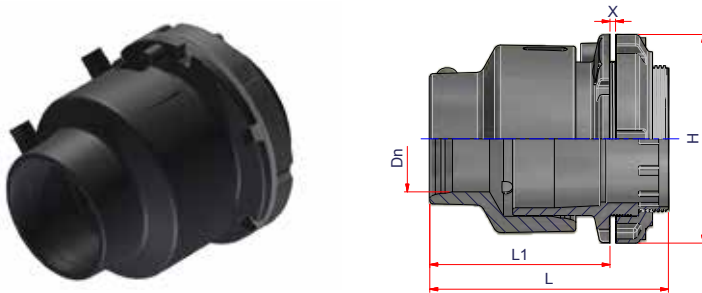
Code	Notes
19SBPASTE	250 g



PRESSE-ÉTOUPE POUR SYSTÈME SP/DP
 PASA-MUROS PARA SISTEMA SP/DP
 ROHRDURCHFÜHRUNG FÜR EIN- UND DOPPELWANDIGES ROHRSYSTEM
 PREME ESTOPA PARA SISTEMA DE PS/PD
 PREMI-STOPPA PER SISTEMA SP/DP

ENTRY BOOT FOR SW - DW SYSTEM (SEB)

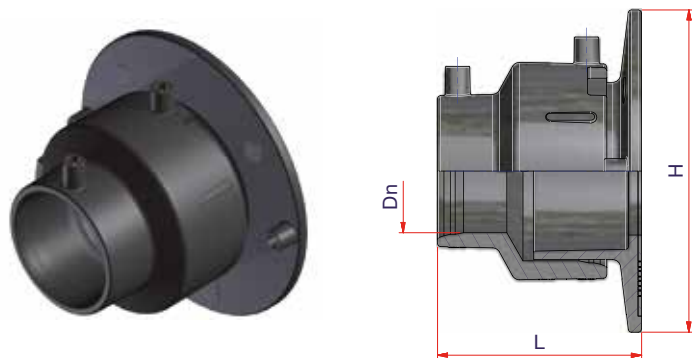
Code	ø	Dn	L1	L	H	int. A	N° Hole	Notes
19SEB25	25	25	43.5	55	128	101.5	4	for SW pipe Ø25mm/pour tuyau SE Ø25mm/para tubo SP Ø25mm/für EW Rohr Ø25mm/para tubo de PS Ø25mm/per tubo SP Ø25mm
19SEB32	32	32	43.5	55	128	101.5	4	for SW pipe Ø32mm/pour tuyau SE Ø32mm/para tubo SP Ø32mm/für EW Rohr Ø32mm/para tubo de PS Ø32mm/per tubo SP Ø32mm
19SEB40	40	40	43.5	55	128	101.5	4	for DW pipe Ø3240mm/pour tuyau DE Ø3240mm/para tubo DP Ø3240mm/für DW Rohr Ø3240mm/para tubo de PD Ø3240mm/per tubo DP Ø3240mm
19SEB50	50	50	63.5	75	160	133.5	6	for SW pipe Ø50mm/pour tuyau SE Ø50mm/para tubo SP Ø50mm/für EW Rohr Ø50mm/para tubo de PS Ø50mm/per tubo SP Ø50mm
19SEB63	63	63	63.5	75	160	133.5	6	for SW pipe Ø63mm and DW pipe Ø 50mm/pour tuyau SE Ø63mm et DE Ø50mm/para tubo SP Ø63mm y DP Ø50mm/für EW Rohr Ø63mm und DW Rohr Ø50mm/para tubo de PS Ø63mm e de PD Ø50mm/per tubo SP Ø63mm e DP Ø50mm
19SEB75	75	75	63.5	75	160	133.5	6	for DW pipe Ø63mm/pour tuyau DE Ø63mm/para tubo DP Ø63mm/für DW Rohr Ø63mm/para tubo de PD Ø63mm/per tubo DP Ø63mm
19SEB90	90	90	63.5	75	160	133.5	6	for SW pipe Ø90mm/pour tuyau SE Ø90mm/para tubo SP Ø90mm/für EW Rohr Ø90mm/para tubo de PS Ø90mm/per tubo SP Ø90mm
19SEB110	110	110	63.5	75	205	178	8	for SW pipe Ø110mm/pour tuyau SE Ø110mm/para tubo SP Ø110mm/für EW Rohr Ø110mm/para tubo de PS Ø110mm/per tubo SP Ø110mm
19SEB125	125	125	63.5	75	205	178	8	for DW pipe with secondary pipe Ø125mm/pour tuyau DE avec sec. Ø125mm/para tubo DP con sec. Ø125mm/für DW Rohr mit Mantelrohr Ø125mm/para tubo de PD con sec. Ø125mm/per tubo DP con sec. Ø125mm



PRESSE-ÉTOUPE MECANIQUE ELECTROSOUDEBLE POUR SYSTÈME SP
 PASA MUROS MECÁNICO ELECTROSOLDABLE PARA SISTEMA SP
 MECHANISCHE ELEKTROSCHWEISSBARE ROHRDURCHFÜHRUNG FÜR EIN ROHRSYSTEM
 PREME ESTOPA MECÂNICO ELECTROSOLDÁVEL PARA SISTEMA DE PS
 PREMI-STOPPA MECCANICO ELETTRISOLDABILE PER SISTEMA SP

MECHANICAL ELECTROFUSION ENTRY BOOT FOR SW (SEBEP)

Code	ø	Dn	L1	L	X	H	Notes
19SEBEPN32	32	32	141	184	5 ÷ 20	100	use 19STAZ86 + 00CHIAVE63
19SEBEPN40	40	40	141	184	5 ÷ 20	100	use 19STAZ86 + 00CHIAVE63
19SEBEPN50	50	50	141	183	4 ÷ 20	100	use 19STAZ86 + 00CHIAVE63
19SEBEP63	63	63	114	159.5	4 ÷ 16	150	use 19STAZ111 + 00CHIAVE90
19SEBEP75	75	75	130	175.5	4 ÷ 16	150	use 19STAZ111 + 00CHIAVE90
19SEBEP90	90	90	228	270	4 ÷ 16	210	use 19STAZ152 + 00CHIAVE110
19SEBEP110	110	110	232	274	4 ÷ 16	210	use 19STAZ152 + 00CHIAVE110
19SEBEP125	125	125	235	277	4 ÷ 16	210	use 19STAZ152 + 00CHIAVE110

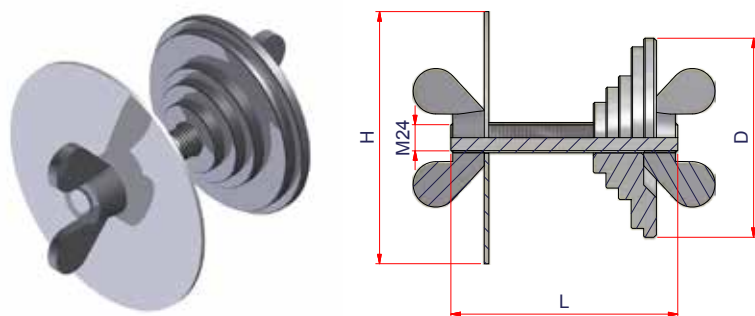


PRESSE-ÉTOUPE ELECTROSOUDABLE POUR SYSTÈME SP/DP
 PASA MUROS ELECTROSOLDABLES PARA SISTEMA SP/DP
 ELEKTROSCHWEISSBARE ROHRDURCHFÜHRUNG FÜR EIN- UND DOPPELWANDIGES ROHRSYSTEM
 PREME ESTOPA ELECTROSOLDÁVEL PARA SISTEMA DE PS/PD
 PREMI-STOPPA ELETTRISALDABILE PER SISTEMA SP/DP

PENETRATION FITTING FOR SW-DW SYSTEM - ELECTROFUSION (SEBE)

Code	ø	Dn	L	H	Notes
19SEBE32	32	32	150	170	for SW pipe Ø32mm/pour tuyau SE Ø32mm/para tubo SP Ø32mm/für EW Rohr Ø32mm/para tubo de PS Ø32mm/per tubo SP Ø32mm
19SEBE40	40	40	148.5	170	for SW pipe Ø40mm/pour tuyau SE Ø40mm/para tubo SP Ø40mm/für EW Rohr Ø40mm/para tubo de PS Ø40mm/per tubo SP Ø40mm
19SEBE50	50	50	148.5	170	for SW pipe Ø50mm/pour tuyau SE Ø50mm/para tubo SP Ø50mm/für EW Rohr Ø50mm/para tubo de PS Ø50mm/per tubo SP Ø50mm
19SEBE63	63	63	112	200	for SW pipe Ø63mm/pour tuyau SE Ø63mm/para tubo SP Ø63mm/für EW Rohr Ø63mm/para tubo de PS Ø63mm/per tubo SP Ø63mm for DW pipe Ø 50mm/pour tuyau DE Ø50mm/para tubo DP Ø50mm/für DW Rohr Ø50mm/para tubo de PD Ø50mm/per tubo DP Ø50mm
19SEBE75	75	75	126,5	200	for DW pipe Ø63mm/pour tuyau DE Ø63mm/para tubo DP Ø63mm/für DW Rohr Ø63mm/para tubo de PD Ø63mm/per tubo DP Ø63mm
19SEBE90	90	90	200	235	for SW pipe Ø90mm/pour tuyau SE Ø90mm/para tubo SP Ø90mm/für EW Rohr Ø90mm/para tubo de PS Ø90mm/per tubo SP Ø90mm
19SEBE110	110	110	205	235	for SW pipe Ø110mm/pour tuyau SE Ø110mm/para tubo SP Ø110mm/für EW Rohr Ø110mm/para tubo de PS Ø110mm/per tubo SP Ø110mm
19SEBE125	125	125	208	235	for DW pipe with secondary pipe Ø125mm/pour tuyau DE avec secondaire Ø125mm/para tubo DP con secundario Ø125mm/für DW Rohr mit Mantelrohr Ø125mm/para tubo de PD con secundário Ø125mm/per tubo DP con secundario Ø125mm

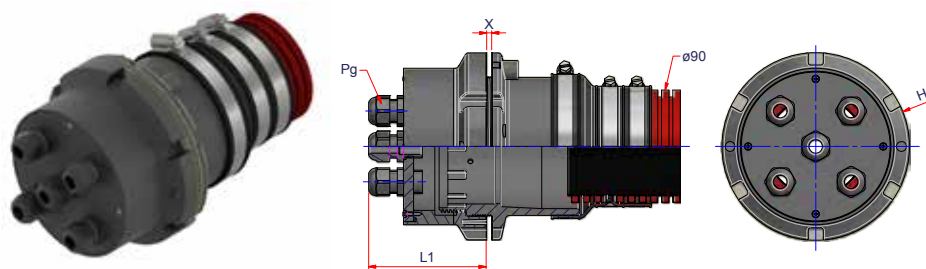
- use the SEBECOMT for a correct installation - utiliser le SEBECOMT pour installer correctement - utilizar el SEBECOMT para instalar de manera correcta - das SEBECOMT benutzen für eine korrekte Anlage - para uma correcta instalação utilizar o SEBECOMT - utilizzare il SEBECOMT per installare correttamente



OUTIL DE COMPRESSION POUR PRESSE-ÉTOUPES ELECTROSOUDABLES
 DISPOSITIVO DE COMPRESIÓN PARA PASA MUROS ELECTROSOLDABLES
 INSTALLATIONSWERKZEUG FÜR ELEKTROSCHWEISSBARE ROHRDURCHFÜHRUNGEN
 DISPOSITIVO DE INSTALAÇÃO PARA PREME ESTOPAS ELECTROSOLDÁVEIS
 UTENSILE DI COMPRESSIONE PER PREMI-STOPPA ELETTRISALDABILI

INSTALLATION TOOL FOR ELECTROFUSION PENETRATION FITTING (SEBECOMT)

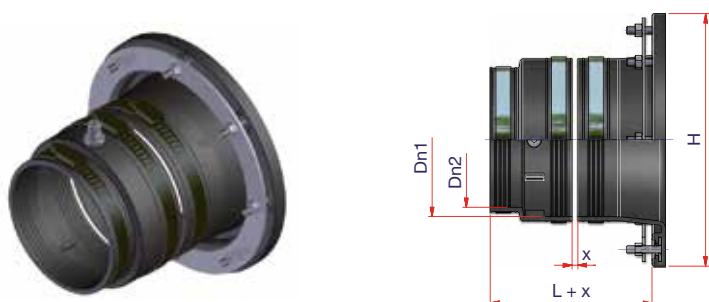
Code	L	D	H	Notes
19SEBECOMT	180	158	200	



PRESSE-ÉTOUPE MECANIQUE - ELECTROSOUDABLE POUR CABLES/TUBES
 PASA-MUROS MECANICO - ELECTROSOUDABLE PARA CABLES/TUBOS
 MECHANISCHE ELEKTROSCHEISSBARE ROHRDURCHFÜHRUNG FÜR KABEL/ROHRE
 PREME ESTOPA MECÂNICO ELECTROSDÁVEL PARA CABOS/TUBOS
 CUFFIA PASSACAVI ELETTRISALDABILE PER CAVI/TUBI

MECHANICAL ELECTROFUSION ENTRY BOOT FOR CABLES/PIPES (SEBPC)

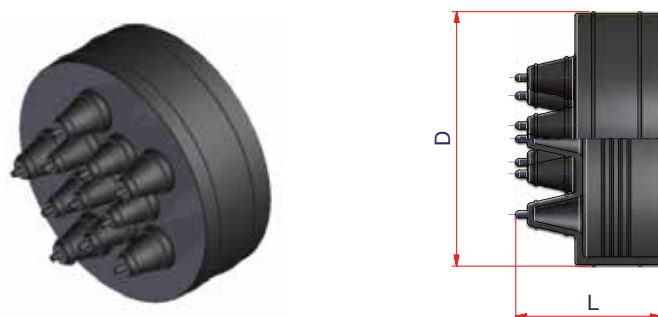
Code	Dn	L1	X	H	Pg	n° Pg	Notes
19SEBPC110129	110	94	4 ÷ 15	150	29	1	for 1 pipe ø 25/pour 1 tube ø 25 para 1 tubo ø 25/für 1 Rohr ø 25 para 1 tubo ø 25/per 1 tubo ø 25
19SEBPC110229	110	94	4 ÷ 15	150	29	2	for 2 pipes ø 25/pour 2 tubes ø 25 para 2 tubos ø 25/für 2 Rohre ø 25 para 2 tubos ø 25/per 2 tubi ø 25
19SEBPC110511	110	94	4 ÷ 15	150	11	5	for 5 cables/pour 5 cables para 5 cables/für 5 Kabel para 5 cabos/per 5 cavi



PRESSE-ÉTOUPE/TERMINAL POUR TUYAU SECONDAIRE
 PASA-MUROS/TERMINAL PARA TUBERÍA SECONDARIA
 ROHRDURCHFÜHRUNG/END-FITTING FÜR MANTELROHR
 PREME ESTOPA/TERMINAL PARA TUBO SECUNDARIO
 PREMISTOPPA/TERMINALE PER TUBO SECONDARIO

SECONDARY CONTAINMENT TERMINATION FITTING (SCUFV)

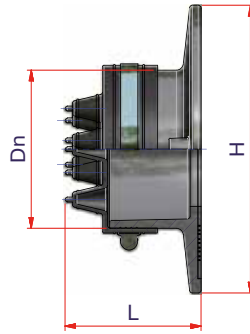
Code	ø	Dn1	Dn2	L + x	H	N° Hole	Notes
19SCUFV125110	125 - 110	125	110	138 + x	205	8	x = pipe length x = longueur tuyau x = longitud tubo x = Rohrlänge x = comprimento tubo x = lunghezza tubo



PRESSE-ÉTOUPE EN CAOUTCHOUC POUR CABLES
 PASA-MUROS DE GOMA PARA CABLES
 GUMMIDURCHFÜHRUNG FÜR KABEL
 PREME ESTOPA EM BORRACHA PARA CABOS
 PREMISTOPPA IN GOMMA PER IL PASSAGGIO DI CAVI

RUBBER ENTRY BOOT CABLE CAP (SCCAB)

Code	ø	D	L	Notes
19SCCAB110	110	118	67.5	



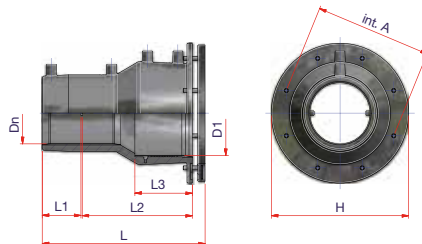
PRESSE-ÉTOUPE ELECTROSOUDABLE AVEC PRESSE-ÉTOUPE EN CAOUTCHOUC POUR CABLES
 PASA-MUROS ELECTROSOLDABLE CON PASA-MUROS DE GOMA PARA CABLES
 ELEKTROSCHEISSBARE ROHRDURCHFÜHRUNG MIT DURCHFÜHRUNG FÜR KABEL
 PREME ESTOPA ELECTROSOLDÁVEL COM PREME ESTOPA EM BORRACHA PARA CABOS
 PREMISTOPPA ELETTRISALDABILE CON PREMISTOPPA IN GOMMA PER IL PASSAGGIO DI CAVI

PENETRATION FITTING WITH RUBBER ENTRY BOOT CABLE CAP ELECTROFUSION (SEBEC)

Code	ø	Dn	L	H	Notes
19SEBEC110	110	110	100	200	



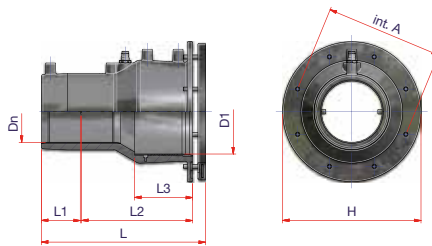
(1)



RACCORD TERMINAL / PRESSE-ÉTOUPE ELECTROSOUDABLE
 UNIÓN TERMINAL / PASA-MUROS ELECTROSOLDABLE
 ELEKTROSCHEISSBARES END-FITTING / ROHRDURCHFÜHRUNG



(2)

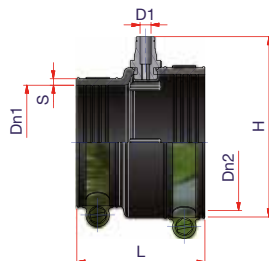


UNIÃO TERMINAL / PREME ESTOPA ELECTROSOLDÁVEL
 RACCORDO TERMINALE / PREMI-STOPPA ELETTRISALDABILE

TERMINATION FITTING / ENTRY BOOT - ELECTROFUSION (SEBTF-SEBTFV)

Code	ø	Dn	D1	L	L1	L2	L3	H	int. A	Holes (no.)	Notes
19SEBTF90 (1)	90	90	125	249	59	168.5	88	210	178	8	
19SEBTFV90 (2) (*)	90	90	125	249	59	168.5	88	210	178	8	

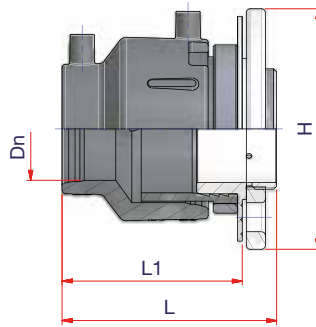
(*) with test port - avec prise de test - con válvula de prueba - mit Prüfanschluss - com tomada para teste - con valvola di prova



RACCORD TERMINAL REDUIT EN CAOUTCHOUC POUR ESSAI DE PRESSION
 RACOR TERMINAL REDUCIDO DE GOMA PARA PRUEBA DE PRESIÓN
 REDUZIERTES GUMMI-END-FITTING FÜR DRUCKTEST
 TERMINAL DE REDUÇÃO EM BORRACHA PARA TESTE SOB PRESSÃO
 TERMINALE RIDOTTO IN GOMMA PER TEST IN PRESSIONE

REDUCING RUBBER TEST BOOT (SRTFV)

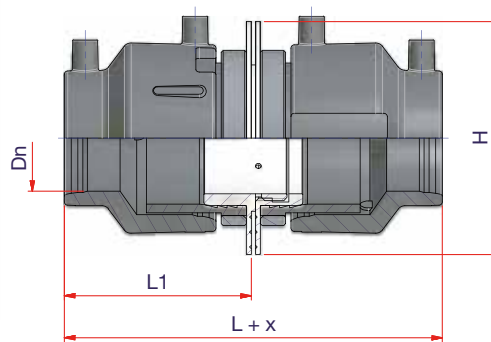
Code	ø	Dn1	Dn2	S	D1	L	H	Notes
19SRTFV50	50	50	63	4.5	6	70	87.5	
19SRTFV63	63	63	75	5.5	6	70	102.5	



PPRESSE-ÉTOUPE POUR CHAMBRE D'ACCES EN FIBRE DE VERRE SIMPLE ENVELOPPE - BRIDE DE ALUMINIUM
 PASAMUROS PARA ARQUETAS DE FIBRA DE VIDRIO SIMPLE PARED - BRIDA DE ALUMINIO
 ROHRDURCHFÜHRUNG FÜR EINWANDIGE GFK-SCHÄCHTE - ALUMINIUM-FLANSCH
 PREME ESTOPA PARA POÇOS DE INSPEÇÃO EM FIBRA DE VIDRO PAREDE SIMPLES - FLANGE DE ALUMÍNIO
 PREMISTOPPA PER POZZETTI IN FIBRA VETRO SINGOLA PARETE - FLANGIA IN ALLUMINIO

PENETRATION FITTING FOR SW FIBERGLASS SUMPS - ALUMINIUM FLANGE (SEBEFM_A)

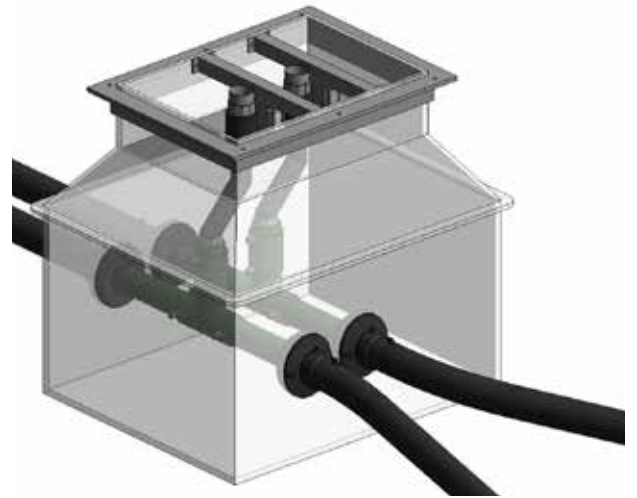
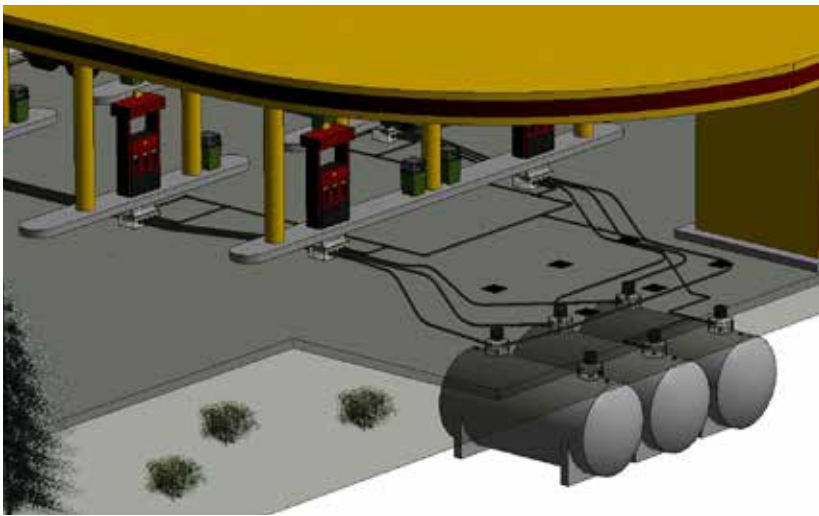
Code	ø	Dn	L1	L	H	Notes
19SEBEFM32A	32	32	141	162	120	
19SEBEFM40A	40	40	141.5	163	120	
19SEBEFM50A	50	50	168	200.5	160	
19SEBEFM63A	63	63	112.3	133.8	150	
19SEBEFM75A	75	75	128	149	150	
19SEBEFM90A	90	90	196.5	221	220	
19SEBEFM110A	110	110	196.5	226	220	
19SEBEFM125A	125	125	198	222.5	220	



PPRESSE-ÉTOUPE POUR CHAMBRE D'ACCES EN FIBRE DE VERRE DOUBLE PARI - BRIDE DE ALUMINIUM
 PASAMUROS PARA ARQUETAS DE FIBRA DE VIDRIO DOBLE PARED - BRIDA DE ALUMINIO
 ROHRDURCHFÜHRUNG FÜR DOPPELWANDIGE GFK-SCHÄCHTE - ALUMINIUM-FLANSCH
 PREME ESTOPA PARA POÇOS DE INSPEÇÃO DE FIBRA DE VIDRO PAREDE DUPLA - FLANGE DE ALUMÍNIO
 PREMISTOPPA PER POZZETTI IN FIBRA VETRO DOPPIA PARETE - FLANGIA IN ALLUMINIO

PENETRATION FITTING FOR DW FIBERGLASS SUMPS - ALUMINIUM FLANGE (SEBEF_A)

Code	ø	Dn	L1	L + x	H	Notes
19SEBEF32A	32	32	141.5	285 + x	120	
19SEBEF40A	40	40	141.5	285.5 + x	120	
19SEBEF50A	50	50	168	338.5 + x	160	
19SEBEF63A	63	63	112.5	227 + x	160	
19SEBEF75A	75	75	127.5	285 + x	160	
19SEBEF90A	90	90	196	395 + x	200	
19SEBEF110A	110	110	201	405 + x	200	
19SEBEF125A	125	125	198	398 + x	200	



EQUIPMENT
EQUIPAMIENTO
OUTILLAGE
WERKZEUGE
EQUIPAMENTO
ATTREZZATURA

EQUIPMENT FOR A CORRECT INSTALLATION
OUTILLAGE POUR UNE INSTALLATION CORRECTE
INSTRUMENTOS PARA UNA INSTALACIÓN CORRECTA
WERKZEUGE FÜR EINE KORREKTE ANLAGE
EQUIPAMENTO PARA UMA INSTALAÇÃO CORRECTA
ATTREZZATURA PER UNA CORRETTA INSTALLAZIONE



AUTOMATIC MULTIFUNCTION WELDING UNIT WITH BARCODE SCANNER

SOUDEUSE MULTI-FONCTION AVEC DOUCHETTE
 MAQUINA DE SOLDAR MULTIFUNCIÓN CON ESCÁNER DE CÓDIGO DE BARRAS
 MEHRZWECK-SCHWEISSMASCHINE MIT BARCODE-SCANNER
 UNIDADE DE SOLDA MULTIFUNCIÓN COM ESCANEADOR DE CÓDIGO DE BARRAS
 SALDATRICE MULTIFUNZIONE CON LETTORE CODICE A BARRE

PIPE CUTTER

COUPE-TUBE
 CORTATUBO
 ROHRABSCHNEIDER
 CORTA-TUBO
 TAGLIATUBO



WHITE MARKER

STYLO BLANC
 MARCADOR BLANCO
 WEISSER MARKIERUNGSTIFT
 CANETA MARCADORA
 PENNARELLO BIANCO



SCRAPER

GRATTEUR
 RASPADOR
 DREHSCHABER
 RASPADOR
 RASCHIETTO



PRIMER

DÉTERGENT
 DETERGENTE
 REINIGUNGSMITTEL
 DETERGENTE
 DETERGENT



PIPE ALIGNER

ALIGNEUR
 POSICIONADOR
 ROHRHALTEVORRICHTUNG
 ALINHADOR
 ALLINEATORE



TOOLING FOR PRESSURE TEST
OUTILLAGE POUR ESSAI DE PRESSION
HERRAMIENTAS PARA PRUEBA DE PRESIÓN
WERKZEUGE FÜR DRUCKPRÜFUNG
INSTRUMENTOS PARA TESTE DE PRESSÃO
ATTREZZATURA PER TEST DI PRESSIONE

TUBE FOR PRESSURE TEST AND MONITORING

TUBE POUR ESSAI DE PRESSION ET MONITORAGE
 TUBO PARA PRUEBA DE PRESIÓN Y MONITORIZACIÓN
 PRÜFROHR FÜR DRUCKTEST UND ÜBERWACHUNG
 TUBO PARA TESTE DE PRESSÃO E MONITORAMENTO
 TUBO PER PROVA IN PRESSIONE E MONITORAGGIO



FEMALE ADAPTER FOR PRESSURE TEST

ADAPTATEUR FEMELLE POUR ESSAI DE PRESSION
 ADAPTADOR HEMBRA PARA PRUEBA DE PRESIÓN
 ADAPTER MIT INNENGEWINDE FÜR DRUCKTEST
 ADAPTADOR FÊMEA PARA TESTE DE PRESSÃO
 ADATTATORE FEMMINA PER PROVA IN PRESSIONE



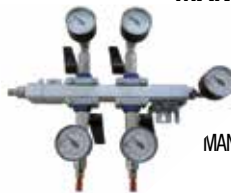
TEST UNIT

UNITÉ POUR ESSAI
 UNIDAD DE PRUEBA
 TESTEINHEIT
 DISPOSITIVO DE TESTE
 UNITÀ PER TEST DI COLLAUDO



MANIFOLD FOR LEAK DETECTION SYSTEM

COLLECTEUR POUR SYSTÈME DE DÉTECTION DE FUITES
 COLECTOR PARA SISTEMA DE DETECCIÓN DE FUGAS
 VERTEILER FÜR LECKÜBERWACHUNGSSYSTEM
 MANIFOLD PARA SISTEMA DE MONITORAMENTO DE VAZAMENTOS
 COLECTOR PER SISTEMA DI MONITORAGGIO PERDITE



REPRESENTATIVE IMAGES - CHOOSE THE SUITABLE EQUIPMENT ACCORDING TO YOUR SPECIFIC NEEDS.
 PHOTOS INDICATIVAS - CHOISIR LES OUTILS NÉCESSAIRES SELON VOS EXIGENCES SPÉCIFIQUES.
 FOTOS INDICATIVAS - ESCOGER LOS INSTRUMENTOS ADECUADOS A SUS EXIGENCIAS ESPECÍFICAS.
 IMAGENS INDICATIVAS - ESCOLHER O EQUIPAMENTO ADEQUADO DE ACORDO COM SUAS NECESSIDADES ESPECÍFICAS.
 REPRÄSENTATIVE BILDER - WÄHLEN SIE DIE GEEIGNETE WERKZEUGE NACH IHREN BESONDEREN BEDÜRFNISSEN AUS.
 FOTO INDICATIVE - SCEGLIERE L'ATTREZZATURA IDONEA ALLE PROPRIE SPECIFICHE ESIGENZE.



KIT DE SOUDURE POUR SYSTÈME SIMPLE PARI
 KIT DE SOLDAR PARA SISTEMA SIMPLE PARED
 SCHWEISS-KIT FÜR EINWANDIGES ROHRSYSTEM
 KIT DE SOLDA PARA SISTEMA DE PAREDE SIMPLES
 KIT DI SALDATURA PER SISTEMI SINGOLA PARETE

WELDING KIT (SW ONLY)

Code	Notes
19SSET5/220	for/pour/para/für/para/per 19SSEL8404/220
19SSET5/110	for/pour/para/für/para/per 19SSEL8404/110
19SSET5LIGHT/220	for/pour/para/für/para/per 19SSEL8404L/220
19SSET5LIGHT/110	for/pour/para/für/para/per 19SSEL8404L/110
19SSET5LP/220	for/pour/para/für/para/per 19SSEL8404LP/220
19SSET5LP/110	for/pour/para/für/para/per 19SSEL8404LP/110
19SSET5SMARTWL/220	for/pour/para/für/para/per 19SMARTWELDLIGHT
19SSET5SMARTWL/110	for/pour/para/für/para/per 19SMARTWELDLIGHT/110

The kit includes:

- no. 1 welding unit
- no. 1 manual scraper (00RAM1)
- no. 1 pipe cutter (19SCUT)
- no. 1 universal scraper (00RAT1A)
- no. 1 spare blades set (50LAMARAT1A2A, 19SLRCUT)
- no. 1 white marker (00MARK)

Le kit inclut:

- n. 1 machine à souder
- n. 1 gratteur manuel (00RAM1)
- n. 1 coupe-tube (19SCUT)
- n. 1 gratteur universel (00RAT1A)
- n. 1 set de lames de rechange (50LAMARAT1A2A, 19SLRCUT)
- n. 1 stylo (00MARK)

El kit incluye:

- n. 1 maquina de soldar
- n. 1 raspador manual (00RAM1)
- n. 1 corta-tubo (19SCUT)
- n. 1 raspador universal (00RAT1A)
- n. 1 conjunto de cuchillas de repuesto (50LAMARAT1A2A, 19SLRCUT)
- n. 1 marcador (00MARK)

Der Schweiß-Kit umfasst:

- n. 1 Schweißmaschine
- n. 1 Handschaber (00RAM1)
- n. 1 Rohrab Schneider (19SCUT)
- n. 1 Allzweck-Schaber (00RAT1A)
- n. 1 Ersatzklingsatz (50LAMARAT1A2A, 19SLRCUT)
- n. 1 Markierungsstift (00MARK)

O kit contém:

- 1 unidade de solda
- 1 raspador manual (00RAM1)
- 1 corta-tubo (19SCUT)
- 1 raspador rotativo universal (00RAT1A)
- 1 jogo de lâminas sobressalentes (50LAMARAT1A2A, 19SLRCUT)
- 1 caneta marcadora (00MARK)

Il kit include:

- n. 1 saldatrice
- n. 1 raschietto manuale (00RAM1)
- n. 1 tagliatubo (19SCUT)
- n. 1 raschietto universale (00RAT1A)
- n. 1 set di lame di ricambio (50LAMARAT1A2A, 19SLRCUT)
- n. 1 pennarello (00MARK)



KIT DE SOUDURE POUR SIMPLE ET DOUBLE PAROI
 KIT DE SOLDAR PARA SIMPLE Y DOBLE SIMPLE PARED
 SCHWEISS-KIT FÜR EINWANDIGES UND DOPPELWANDIGES ROHRSYSTEM
 KIT DE SOLDA PARA PAREDE SIMPLES E DUPLA
 KIT DI SALDATURA PER SINGOLA E DOPPIA PARETE

WELDING KIT (SW AND DW)

Code	Notes
19SSET6/220	for/pour/para/für/para/per 19SSEL8404/220
19SSET6/110	for/pour/para/für/para/per 19SSEL8404/110
19SSET6LIGHT/220	for/pour/para/für/para/per 19SSEL8404L/220
19SSET6LIGHT/110	for/pour/para/für/para/per 19SSEL8404L/110
19SSET6LP/220	for/pour/para/für/para/per 19SSEL8404LP/220
19SSET6LP/110	for/pour/para/für/para/per 19SSEL8404LP/110
19SSET6SMARTWL/220	for/pour/para/für/para/per 19SMARTWELDLIGHT
19SSET6SMARTWL/110	for/pour/para/für/para/per 19SMARTWELDLIGHT/110

The kit includes:

- no. 1 welding unit
- no. 1 manual scraper (OORAM1)
- no. 1 pipe cutter (19SCUT)
- no. 1 pipe cutter for double wall pipe (19SCUTDW)
- no. 1 universal scraper (OORAT1A)
- no. 1 spare blades set (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- no. 1 white marker (OOMARK)
- no. 1 pliers for double wall pipe (19SPLIDW)
- no. 1 spare protection sleeves (19STP)

Le kit inclut:

- n. 1 machine à souder
- n. 1 gratteur manuel (OORAM1)
- n. 1 coupe-tube (19SCUT)
- n. 1 coupe-tube pour double paroi (19SCUTDW)
- n. 1 gratteur universel (OORAT1A)
- n. 1 set de lames de rechange (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- n. 1 stylo (OOMARK)
- n. 1 pince pour tuyauterie double enveloppe (19SPLIDW)
- n. 1 gabarits de rechange (19STP)

El kit incluye:

- n. 1 máquina de soldar
- n. 1 raspador manual (OORAM1)
- n. 1 corta-tubo (19SCUT)
- n. 1 corta-tubo doble pared (19SCUTDW)
- n. 1 raspador universal (OORAT1A)
- n. 1 set de cuchillas de repuesto (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- n. 1 marcador (OOMARK)
- n. 1 pinzas para tubería doble pared (19SPLIDW)
- n. 1 gálambos de repuesto (19STP)

Der Schweiß-Kit umfasst:

- n. 1 Schweißmaschine
- n. 1 Handschaber (OORAM1)
- n. 1 Rohrabscneider (19SCUT)
- n. 1 Rohrabscneider für doppelwandiges Rohrsystem (19SCUTDW)
- n. 1 Allzweck-Schaber (OORAT1A)
- n. 1 Ersatzklingsatz (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- n. 1 Markierungsstift (OOMARK)
- n. 1 Zange für doppelwandiges Rohrsystem (19SPLIDW)
- n. 1 Ersatzschutzschablone (19STP)

O kit contém:

- 1 unidade de solda
- 1 raspador manual (OORAM1)
- 1 corta-tubo (19SCUT)
- 1 corta-tubo para tubo de parede dupla (19SCUTDW)
- 1 raspador rotativo universal (OORAT1A)
- 1 jogo de lâminas sobressalentes (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- 1 caneta marcadora (OOMARK)
- 1 alicate de pressão para tubo de parede dupla (19SPLIDW)
- 1 união sobressalente (19STP)

Il kit include:

- n. 1 saldatrice
- n. 1 raschietto manuale (OORAM1)
- n. 1 tagliatubo (19SCUT)
- n. 1 tagliatubo per tubo doppia parete (19SCUTDW)
- n. 1 raschietto universale (OORAT1A)
- n. 1 set di lame di ricambio (50LAMARAT1A2A, 19SLRCUT, 19SLRDW)
- n. 1 pennarello (OOMARK)
- n. 1 pinza per tubo doppia parete (19SPLIDW)
- n. 1 manicotti di protezione di ricambio (19STP)



SOUDEUSE MULTI-FONCTION AVEC DOUCHETTE
 MÁQUINA DE SOLDAR MULTIFUNCIÓN CON ESCÁNER DE CÓDIGO DE BARRAS
 MEHRZWECK-SCHWEISSMASCHINE MIT BARCODE-SCANNER
 UNIDADE DE SOLDA MULTIFUNCIONAL COM ESCANEADOR DE CÓDIGO DE BARRAS
 SALDATRICE AUTOMATICA MULTIFUNZIONE CON LETTORE CODICE A BARRE

AUTOMATIC MULTIFUNCTION WELDING UNIT WITH BARCODE SCANNER

Code	Ø Welding Range	Voltage
19SSEL8404/220	20 ÷ 630	220V
19SSEL8404/110	20 ÷ 630	110V

- Ambient temperature sensor
- Welding voltage regulation 5-42 V
- Download by means of USB technology
- Power Max: 2500 VA
- Size: 340x450xH220 mm
- Weight: 25,2 kg
- Index Protection: IP54

- Détection de la température ambiante
- Réglage de la tension de soudure entre 5 et 42 V
- Déchargement par technologie USB
- Puissance max: 2500 VA
- Dimensions: 340x450xH220 mm
- Poids: 25,2 kg
- Protection: IP54

- Medición temperatura ambiente
- Regulación de la tensión de soldadura 5 - 42 V
- Descarga datos por medio de tecnología USB
- Potencia máxima: 2500 VA
- Dimensiones: 340x450xH220 mm
- Peso: 25,2 kg
- Protección: IP54

- Erfassung der Raumtemperatur
- Einstellung der Schweißspannung 5-42 V
- USB-Technologie für die Fernübertragung der Schweißprotokolle und der Drucktests
- Max. Leistung: 2500 VA
- Abmessungen: 340x450xH220 mm
- Gewicht: 25,2 kg
- Schutzgrad IP54

- Detecção da temperatura ambiente
- Ajuste da tensão de solda 5-42 V
- Download para PC via tecnologia USB
- Potência máxima 2500 VA
- Dimensões 340x450xH220 mm
- Peso: 25,2 kg
- Protecção: IP54

- Rilevazione temperatura ambiente
- Regolazione della tensione di saldatura 5-42 V
- Scarico dati tramite USB a PC
- Potenza Max: 2500 VA
- Dimensioni: 340x450xH220 mm
- Peso: 25,2 kg
- Protezione: IP54



SOUDEUSE MULTI-FONCTION AVEC DOUCHETTE - VERSION LEGÈRE
 MÁQUINA DE SOLDAR MULTIFUNCIÓN CON ESCÁNER DE CÓDIGO DE BARRAS - VERSIÓN LIGERA
 MEHRZWECK-SCHWEISSMASCHINE MIT BARCODE-SCANNER - LEICHTE VERSION
 UNIDADE DE SOLDA MULTIFUNCIONAL COM ESCANEADOR DE CÓDIGO DE BARRAS - VERSÃO LEVE
 SALDATRICE AUTOMATICA MULTIFUNZIONE CON LETTORE CODICE A BARRE - VERSIONE LEGGERA

AUTOMATIC MULTIFUNCTION WELDING UNIT WITH BARCODE SCANNER - LIGHT VERSION

Code	Ø Welding Range	Voltage
19SSEL8404L/220	20 ÷ 160	220V
19SSEL8404L/110	20 ÷ 160	110V

welds up to DW Ø110 piping - soude jusqu'à DP Ø110 - suelda hasta Ø DP 110 - schweißt bis zu DW Rohr Ø110 - solda até PD Ø110 - solda fino a DP Ø110
 welding kit available - kit de soudure disponible - kit de soldadura disponible - Schweiß-Kit vorrätig - kit de solda disponível - kit di saldatura disponibile

- Ambient temperature sensor
- Welding voltage regulation 5-42 V
- Download by means of USB technology
- Power Max: 1000 VA
- Size: 314x350xH170 mm
- Weight: 13 kg
- Index Protection: IP54

- Détection de la température ambiante
- Réglage de la tension de soudure entre 5 et 42 V
- Déchargement à ordinateur par technologie USB
- Puissance max: 1000 VA
- Dimensions: 314x350xH170 mm
- Poids: 13 kgs
- Protection: IP54

- Medición temperatura ambiente
- Regulación de la tensión de soldadura 5-42 V.
- Descarga datos a ordenador por medio de tecnología USB
- Potencia máxima: 1000 VA
- Dimensiones: 314x350xH170 mm
- Peso: 13 kg
- Protección: IP54

- Erfassung der Raumtemperatur
- Einstellung der Schweißspannung 5-42 V
- USB-Technologie für die Fernübertragung der Schweißprotokolle und der Drucktests
- Max. Leistung: 1000 VA
- Abmessungen: 314x350xH170 mm
- Gewicht: 13 kg
- Schutzgrad IP54

- Detecção da temperatura ambiente
- Ajuste da tensão de solda 5-42 V
- Download para PC via tecnologia USB
- Potência máxima 1000 VA
- Dimensões 314x350xH170 mm
- Peso: 13 kg
- Protecção: IP54

- Rilevazione temperatura ambiente
- Regolazione della tensione di saldatura 5-42 V
- Scarico dati tramite collegamento USB a PC
- Potenza Max: 1000 VA
- Dimensioni: 314x350xH170 mm
- Peso: 13 kg
- Protezione: IP54



SOUDEUSE MULTI-FONCTION AVEC DOUCHETTE INCORPORÉE EN COFFRET
 MÁQUINA DE SOLDAR MULTIFUNCIÓN CON ESCÁNER DE CÓDIGO DE BARRAS INCORPORADA EN CAJA
 MEHRZWECK-SCHWEISSMASCHINE MIT BARCODE-SCANNER IM GEHÄUSE ENTHALTEN
 UNIDADE DE SOLDA MULTIFUNCIÓN COM ESCANEADOR DE CÓDIGO DE BARRAS INCORPORADO NA CAIXA
 SALDATRICE MULTIFUNZIONE CON LETTORE CODICE A BARRE INCORPORATA IN VALIGETTA

MULTIFUNCTION WELDING UNIT INCORPORATED IN SUITCASE WITH BARCODE SCANNER

Code	Ø Welding Range	Voltage
19SSEL8404LP/220	20 ÷ 160	220V
19SSEL8404LP/110	20 ÷ 160	110V

welds up to DW Ø110 piping - soude jusqu'à DP Ø110 - suelda hasta Ø DP 110 - schweiß bis zu DW Rohr Ø110 - solda até PD Ø110 - solda fino a DP Ø110
 welding kit available - kit de soudure disponible - kit de soldadura disponible - Schweiß-Kit vorrätig - kit de solda disponível - kit di saldatura disponibile

- Ambient temperature sensor
- Welding voltage regulation 5-42 V
- Download by means of USB technology
- Power Max: 1500 VA
- Size: 510x410xH200 mm
- Weight: 16 kg
- Index Protection: IP54

- Erfassung der Raumtemperatur
- Einstellung der Schweißspannung 5-42 V
- USB-Technologie für die Fernübertragung der Schweißprotokolle und der Drucktests
- Max. Leistung: 1500 VA
- Abmessungen: 510x410xH200 mm
- Gewicht: 16 kg
- Schutzgrad IP54

- Détection de la température ambiante
- Réglage de la tension de soudure entre 5 et 42 V
- Déchargement à ordinateur par technologie USB
- Puissance max: 1500 VA
- Dimensions: 510x410xH200 mm
- Poids: 16 kgs
- Protection: IP54

- Detecção da temperatura ambiente
- Ajuste da tensão de solda 5-42 V
- Download para PC via tecnologia USB
- Potência máxima 1500 VA
- Dimensões 510x410xH200 mm
- Peso: 16 kg
- Protecção: IP54

- Medición temperatura ambiente
- Regulación de la tensión de soldadura 5-42 V.
- Descarga datos a ordenador por medio de tecnología USB
- Potencia máxima: 1500 VA
- Dimensiones: 510x410xH200 mm
- Peso: 16 kg
- Protección: IP54

- Rilevazione temperatura ambiente
- Regolazione della tensione di saldatura 5-42 V
- Scarico dati tramite collegamento USB a PC
- Potenza Max: 1500 VA
- Dimensioni: 510x410xH200 mm
- Peso: 16 kg
- Protezione: IP54



Nupi Welding Cloud



SOUDEUSE MULTI-FONCTION SMART AVEC DOUCHETTE INCORPORÉE EN COFFRET - VERSION LEGÈRE
 MÁQUINA DE SOLDAR MULTIFUNCIÓN SMART CON ESCÁNER DE CÓDIGO DE BARRAS INCORPORADA EN CAJA -
 VERSIÓN LIGERA
 MEHRZWECK-SCHWEISSMASCHINE MIT BARCODE-SCANNER IM GEHÄUSE ENTHALTEN - LEICHTE VERSION
 E DE SOLDA MULTIFUNCIÓN SMART COM ESCANEADOR DE CÓDIGO DE BARRAS INCORPORADO NA CAIXA -
 VERSÃO LEVE
 SALDATRICE MULTIFUNZIONE SMART CON LETTORE CODICE A BARRE INCORPORATA IN VALIGETTA -
 VERSIONE LEGGERA

MULTIFUNCTION - SMART - WELDING UNIT INCORPORATED IN SUITCASE - LIGHT VERSION

Code	Ø Welding Range	Voltage
19SMARTWELDLIGHT	20 ÷ 160	220V
19SMARTWELDLIGHT/110	20 ÷ 160	110V

SMARTWELD is the new avant-garde welding unit that together with Nupi Welding Cloud APP for smartphones allows overall management of all information about construction site, welds, traceability of the products installed, GPS tracking and testing.

SMARTWELD est la nouvelle unité de soudage d'avant-garde qui, avec Nupi Welding Cloud APP pour smartphones permet la gestion globale de toutes les informations sur le site de construction, les soudures, la traçabilité des produits installés, la localisation GPS et les essais.

SMARTWELD es la nueva unidad de soldadura de vanguardia que, junto con Nupi Welding Cloud APP para smartphones permite la gestión global de toda la información sobre el sitio de construcción, las soldaduras, la trazabilidad de los productos instalados, la localización por GPS y los ensayos.

SMARTWELD ist das neue Avantgarde-Schweißgerät, das zusammen mit Nupi Welding Cloud APP für Smartphones die umfassende Verwaltung aller Informationen hinsichtlich Baustellen, Schweißnähten, Rückverfolgbarkeit der installierten Produkte, GPS Tracking und Prüfvorgängen ermöglicht.

SMARTWELD é a nova unidade de soldagem de vanguarda que, juntamente com Nupi Welding Cloud APP para smartphones permite a administração global de todas as informações sobre o site de construção, soldas, rastreabilidade dos produtos instalados, rastreamento por GPS e atividades de teste.

SMARTWELD è la nuova saldatrice all'avanguardia che, insieme con la APP Nupi Welding Cloud per smartphone, consente la gestione globale di tutte le informazioni relative a sito di costruzione, saldature, tracciabilità dei prodotti installati, localizzazione GPS e test.

- Ambient temperature sensor
- Welding voltage regulation 5-42 V
- Download by means of USB technology
- Power Max: 1500 VA
- Size: 510x410xH200 mm
- Weight: 16 kg
- Index Protection: IP54

- Détection de la température ambiante
- Réglage de la tension de soudure entre 5 et 42 V
- Déchargement à ordinateur par technologie USB
- Puissance max: 1500 VA
- Dimensions: 510x410xH200 mm
- Poids: 16 kgs
- Protection: IP54

- Medición temperatura ambiente
- Regulación de la tensión de soldadura 5-42 V.
- Descarga datos a ordenador por medio de tecnología USB
- Potencia máxima: 1500 VA
- Dimensiones: 510x410xH200 mm
- Peso: 16 kg
- Protección: IP54

- Erfassung der Raumtemperatur
- Einstellung der Schweißspannung 5-42 V
- USB-Technologie für die Fernübertragung der Schweißprotokolle und der Drucktests
- Max. Leistung: 1500 VA
- Abmessungen: 510x410xH200 mm
- Gewicht: 16 kg
- Schutzgrad IP54

- Detecção da temperatura ambiente
- Ajuste da tensão de solda 5-42 V
- Download para PC via tecnologia USB
- Potência máxima 1500 VA
- Dimensões 510x410xH200 mm
- Peso: 16 kg
- Protecção: IP54

- Rilevazione temperatura ambiente
- Regolazione della tensione di saldatura 5-42 V
- Scarico dati tramite collegamento USB a PC
- Potenza Max: 1500 VA
- Dimensioni: 510x410xH200 mm
- Peso: 16 kg
- Protezione: IP54

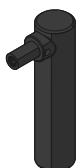
Please ask NUPI INDUSTRIE ITALIANE for availability time - s'il vous plaît contacter NUPI INDUSTRIE ITALIANE pour le temps de disponibilité- por favor contacten con NUPI INDUSTRIE ITALIANE para el tiempo de disponibilidad - para os tempos de disponibilidad favor contactar a NUPI INDUSTRIE ITALIANE - wegen der Verfügbarkeitszeiten wenden Sie sich bitte an NUPI INDUSTRIE ITALIANE - si prega di contattare NUPI INDUSTRIE ITALIANE per i tempi di disponibilità



CONNECTEURS
 CONECTADORES
 VERBINDER
 CONECTORES
 COPPIA SPINOTTI

CONNECTING PINS

Code	Notes
00S8305	



ADAPTATEUR 90° POUR CONNECTEURS
 ADAPTADOR 90° PARA CONECTADORES
 90-ADAPTER FÜR VERBINDER
 ADAPTADOR 90° PARA CONECTORES
 ADATTATORE 90° PER CONNETTORI

90° ADAPTER FOR PIN CONNECTION

Code	Notes
00CONN4490	



PIÈCES DE RECHANGES - DOUCHETTE POUR SOUDEUSE
 PIEZAS DE REPUESTO - ESCÁNER DE CÓDIGO DE BARRAS PARA SOLDADORA
 ERSATZTEILE - BARCODE-SCANNER FÜR SCHWEISSMASCHINE
 PEÇAS DE REPOSIÇÃO - ESCANEADOR DE CÓDIGO DE BARRAS PARA UNIDADE DE SOLDA
 PARTI DI RICAMBIO - LETTORE CODICE A BARRE PER SALDATRICE

WELDING UNIT SPARE PARTS - BARCODE SCANNER FOR WELDING UNIT

Code	Notes
00BCSCAN	for/pour/para/für/para/per 19SSEL8404
00BCSCAN8403	for/pour/para/für/para/per 19SSEL8403



UNITÉ POUR ESSAI (PRESSION OU VIDE)
 UNIDAD DE PRUEBA (PRESIÓN O VACÍO)
 TESTEINHEIT (DRUCK ODER VAKUUM)
 DISPOSITIVO DE TESTE (PRESSÃO OU VÁCUO)
 UNITÀ PER TEST DI COLLAUDO (PRESSIONE O VUOTO)

TEST UNIT

Code	Notes
00SENS010	Pressure test unit/Appareil pour essai de pression/Aparato para prueba de presión/ Drucktestgerät-Maschine/Dispositivo de teste de pressão/Unità per test di pressione
19SVTU	Vacuum test unit/Appareil pour essai sous vide/Aparato para prueba bajo vacío/ Vakuumtestgerät-Maschine/Dispositivo de teste de vácuo/Unità per test sotto vuoto

(* use with SMARTFLEX welding unit - utiliser avec machine à souder SMARTFLEX - usar con máquina de soldar SMARTFLEX - mit SMARTFLEX Schweißmaschine benutzen
 - usar com unidade de solda SMARTFLEX - utilizzare con saldatrice SMARTFLEX



COUPE-TUBE AVEC LAMES DE RECHANGE
CORTATUBO CON CUCHILLAS DE REPUESTO
ROHRABSCHNEIDER MIT ERSATZKLINGEN
CORTA-TUBO E LÁMINAS SOBRESSALENTES
TAGLIATUBO CON LAME DI RICAMBIO

PIPE CUTTER AND SPARE BLADES

Code	Ø	Notes
19SCUT3	32 ÷ 40	
19SCUT	50 ÷ 125	
19SCUT2	75 ÷ 180	
19SLRCUT		spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio 19SCUT3 - 19SCUT - 19SCUT2



COUPE-TUBE POUR TUYAU DOUBLE PARI AVEC LAMES DE RECHANGE - GABARITS DE PROTECTION
CORTA-TUBO PARA TUBO DOBLE PARED CON CUCHILLAS DE REPUESTO - GÁLIBOS DE PROTECCIÓN
ROHRABSCHNEIDER FÜR DOPPELWANDIGES ROHR MIT ERSATZKLINGEN - SCHUTZSCHABLONE
CORTA-TUBO PARA TUBO DE PAREDE DUPLA E LÁMINAS SOBRESSALENTES - UNIÕES DE PROTECÇÃO
TAGLIATUBO PER TUBO DOPPIA PARETE CON LAME DI RICAMBIO - MANICOTTI DI PROTEZIONE

PIPE CUTTER AND SPARE BLADES FOR DW PIPE - PROTECTION SLEEVES

Code	Ø	Notes
19SCUTDW ⁽¹⁾	32 ÷ 110	
19SLRDW	32 ÷ 110	spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio
19STP ⁽²⁾	50 ÷ 63	protection sleeves/gabarits de protection/gálibos de protección/Schutzschablone/ uniões de protecção/manicotti di protezione
19STP90 ⁽²⁾	90	protection sleeves/gabarits de protection/gálibos de protección/Schutzschablone/ uniões de protecção/manicotti di protezione
19STP110 ⁽²⁾	110	protection sleeves/gabarits de protection/gálibos de protección/Schutzschablone/ uniões de protecção/manicotti di protezione



PINCE POUR TUYAUTERIE DOUBLE ENVELOPPE
PINZAS PARA TUBERÍA DOBLE PARED
ZANGE FÜR DOPPELWANDIGES ROHRSYSTEM
ALICATE DE PRESSÃO PARA TUBO DE PAREDE DUPLA
PINZA PER TUBO DOPPIA PARETE

PLIERS FOR DOUBLE WALL PIPE

Code	Ø
19SPLIDW	50 - 63



STYLO BLANC
MARCADOR BLANCO
WEISSER MARKIERUNGSSTIFT
CANETA MARCADORA
PENNARELLO BIANCO

WHITE MARKER

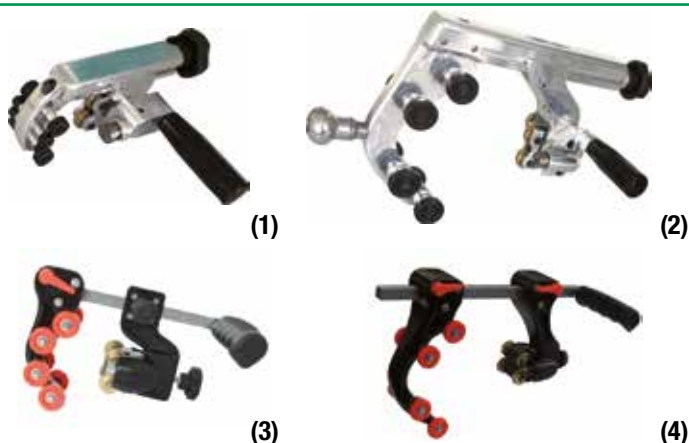
Code
00MARK



GRATTEUR MANUEL
RASPADOR MANUAL
HANDSCHABER
RASPADOR MANUAL
RASCHIETTO MANUALE

MANUAL SCRAPER

Code	Notes
00RAM1	recommended for polyethylene/recommandé pour polyéthylène recomendado para polietileno/für Polyäthylen empfohlen recomendado para polietileno/consigliato per polietilene



GRATTEUR CIRCONFÉRENTIEL – CENTRÉ SUR LE DIAMÈTRE EXTERNE DU TUYAU
RASPADOR CIRCUNFERENCIAL – CENTRADO EN EL DIAMETRO EXTERNO DEL TUBO
DREHSCHABER – AUF DEM ROHRAUSSENDURCHMESSER ZENTRIERT
RASPADOR CIRCUNFERENCIAL – CENTRADO NO DIÂMETRO EXTERNO DO TUBO
RASCHIETTO CIRCONFERENZIALE – CENTRATO SUL DIAMETRO ESTERNO DEL TUBO

REVOLVING SCRAPER – PIPE OD CENTERED

Code	Ø	Notes
00RATOR20075 ⁽¹⁾	20 ÷ 75	
00RATOR90180 ⁽²⁾	90 ÷ 180	
00RATCBCRL	20 ÷ 180	spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio 00RATOR20075 - 00RATOR90180
00RATOR25125 ⁽³⁾	25 ÷ 125	
00RATOR63200 ⁽⁴⁾	63 ÷ 200	
00RATOR63200LR	20 ÷ 180	spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio 00RATOR25125 - 00RATOR63200



GRATTEUR CIRCONFÉRENTIEL – CENTRÉ SUR LE DIAMÈTRE INTERNE DU TUYAU
RASPADOR CIRCUNFERENCIAL – CENTRADO EN EL DIAMETRO INTERNO DEL TUBO
DREHSCHABER – AUF DEM ROHRINNENDURCHMESSER ZENTRIERT
RASPADOR CIRCUNFERENCIAL – CENTRADO NO DIÂMETRO INTERNO DO TUBO
RASCHIETTO CIRCONFERENZIALE – CENTRATO SUL DIAMETRO INTERNO DEL TUBO

REVOLVING SCRAPER – PIPE ID CENTERED

Code	Ø	Notes
00RAT1RIT ⁽¹⁾	50 ÷ 160	
00RAT1A ⁽²⁾	75 ÷ 160	
00RAT2A ⁽³⁾	200 ÷ 400	for/pour/para/für/para/per TSMAS/TSMASHS225
00RATRITLR		spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio 00RAT1RIT - 00RAT2A
50LAMARAT1A2A		spare blade/lame de réchange/cuchilla de repuesto/Ersatzklinge lâmina sobressalente/lama di ricambio 00RAT1A



GRATTEUR MANUEL POUR SUPERSMARTFLEX
 RASPADOR MANUAL PARA SUPERSMARTFLEX
 HANDSCHABER FÜR SUPERSMARTFLEX
 RASPADOR MANUAL PARA SUPERSMARTFLEX
 RASCHIETTO MANUALE PER SUPERSMARTFLEX

MANUAL SCRAPER FOR SUPERSMARTFLEX

Code

00RAM2



TURBO-GRATTEUR POUR PERCEUSE
 RASPADOR TURBO PARA TALADRO
 TURBO-SCHABER FÜR BOHRER
 RASPADOR TURBO PARA BROCA
 RASCHIETTO TURBO PER TRAPANO

TURBO SCRAPER FOR DRILL

Code

∅

00RATURB032

32

00RATURB050

50

00RATURB063

63



GRATTEUR POUR SUPERSMARTFLEX
 RASPADOR PARA SUPERSMARTFLEX
 SCHABER FÜR SUPERSMARTFLEX
 RASPADOR PARA SUPERSMARTFLEX
 RASCHIETTO PER SUPERSMARTFLEX

SCRAPER FOR SUPERSMARTFLEX

Code

∅

00RATUL50

50

00RATUL63

63



KIT PERCEUSE POUR GRATTEUR POUR SUPERSMARTFLEX
 KIT TALADRO PARA RASPADOR PARA SUPERSMARTFLEX
 KIT BOHRER FÜR SCHABER FÜR SUPERSMARTFLEX
 KIT BROCA PARA RASPADOR PARA SUPERSMARTFLEX
 KIT TRAPANO PER RASCHIETTO PER SUPERSMARTFLEX

DRILL KIT FOR SCRAPER FOR SUPERSMARTFLEX

Code

∅

Notes

00RATUL50KD

50

for/pour/para/für/para/per 19TSMAXPD50

00RATUL63KD

63

for/pour/para/für/para/per 19TSMAXPD63



ALIGNEUR
POSICIONADOR
ROHRHALTEVORRICHTUNG
ALINHADOR
ALLINEATORE

PIPE ALIGNER

Code	Ø
00ALL225/4	50 ÷ 225



ÉJECTEUR
EJECTOR
EJEKTOR
BOMBA EJETORA
EIETTORE

EJECTOR PUMP

Code	Notes
19SVE	vacuum device/appareil sous vide/aparato bajo vacío Vakuugerät/dispositivo de vacío/dispositivo per sotto vuoto



SUPPORT À SERRAGE CONCENTRIQUE POUR TUYAUX DOUBLE ENVELOPPE Ø90/125
SOPORTE DE APRIETE CONCÉNTRICO PARA TUBOS DOBLE PARED Ø90/125
KONZENTRISCHER SPANNHALTER FÜR DOPPELWANDIGES ROHR Ø90/125
SUPORTE DE FIXAÇÃO CONCÊNTRICO PARA TUBOS DA PAREDE DUPLA Ø90/125
SUPPORTO DI CENTRAGGIO CONCENTRICO PER TUBI DOPPIA PARETE Ø90/125

CONCENTRIC TIGHTENING SUPPORT FOR DOUBLE WALL PIPE Ø90/125

Code	Ø	Notes
19SPINZABOX	90 ÷ 125	40 pieces/pièces/piezas/Stück/peças/pezzi



DÉTERGENT
DETERGENTE
REINIGUNGSMITTEL
DETERGENTE
DETERGENTE

PRIMER

Code	Notes
00LID1	1000 ml aerosol

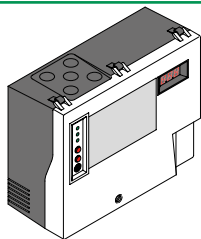
includes butane, propane and isopropane - incluit butane, propane et isopropanol - incluye butano, propano e isopropanol - enthält Butan, Propan und Isopropanol - contém butano, propano e isopropano - contiene butano, propano e isopropanolo



PÂTE ETANCHE
SELLADOR
DICHTUNGSMITTEL
SELANTE DE ROSCA
SIGILLANTE PER FILETTI

THREAD SEALANT

Code	Notes
00SF	75 gr tube/tube gr.75/tubo gr.75/Tube gr.75/tubo gr.75



SYSTÈME DE DÉTECTION DE FUITES
 SISTEMA DE DETECCIÓN DE FUGAS
 LECKÜBERWACHUNGSSYSTEM
 SISTEMA DE MONITORAMENTO DE VAZAMENTOS
 SISTEMA DI MONITORAGGIO PERDITE

LEAK DETECTION SYSTEM

Code	Notes
19SMSD/220 (*)	220 V
19SMSD/110 (*)	110 V
19SMSD3/220 •	220 V
19SMSD3/110 •	110 V

(*) monitoring pressure 1,8 bar - pression de monitorage 1,8 bar - presión de monitorización 1,8 bar - Überwachungsdruck 1,8 bar - pressão de monitoramento 1,8 bar - pressione di monitoraggio 1,8 bar

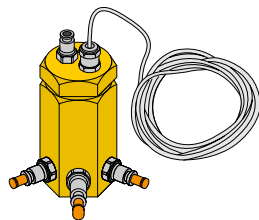
• monitoring pressure 4 bar - pression de monitorage 4 bar - presión de monitorización 4 bar - Überwachungsdruck 4 bar - pressão de monitoramento 4 bar - pressione di monitoraggio 4 bar



COLLECTEUR POUR SYSTÈME DE DÉTECTION DE FUITES
 COLECTOR PARA SISTEMA DE DETECCIÓN DE FUGAS
 VERTEILER FÜR LECKÜBERWACHUNGSSYSTEM
 COLECTOR PARA SISTEMA DE MONITORAMENTO DE VAZAMENTOS
 COLLETTORE PER SISTEMA DI MONITORAGGIO PERDITE

MANIFOLD FOR LEAK DETECTION SYSTEM

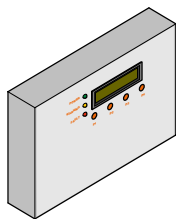
Code	Notes
19SMANIF4	4 outlets/voies/vías/Wege/vias/vie
19SMANIF6	6 outlets/voies/vías/Wege/vias/vie
19SMANIF8	8 outlets/voies/vías/Wege/vias/vie
19SMANIF10	10 outlets/voies/vías/Wege/vias/vie
19SMANIF12	12 outlets/voies/vías/Wege/vias/vie



COLLECTEUR POUR SYSTÈME DE DÉTECTION DE FUITES ÉLECTRONIQUE
 COLECTOR PARA SISTEMA DE DETECCIÓN DE FUGAS ELECTRÓNICO
 VERTEILER FÜR ELEKTRONISCHES LECKÜBERWACHUNGSSYSTEM
 COLECTOR PARA SISTEMA ELECTRÓNICO DE DETECÇÃO VAZAMENTOS
 COLLETTORE PER SISTEMA DI MONITORAGGIO PERDITE ELETTRONICO

MANIFOLD FOR ELECTRONIC LEAK DETECTION SYSTEM

Code	Notes
19SMST01	for 1 tube \varnothing 6 mm - pour 1 tube \varnothing 6 mm para 1 tubo \varnothing 6 mm - für 1 Prüfrohr \varnothing 6 mm para 1 tubo \varnothing 6 mm - per 1 tubo \varnothing 6 mm
19SMSTS06	for 6 tubes \varnothing 6 mm - pour 6 tubes \varnothing 6 mm para 6 tubos \varnothing 6 mm - für 6 Prüfrohre \varnothing 6 mm para 6 tubos \varnothing 6 mm - per 6 tubi \varnothing 6 mm



APPAREIL ÉLECTRONIQUE DE DÉTECTION DES FUITES
 APARATO ELECTRÓNICO DE DETECCIÓN DE FUGAS
 ELEKTRONISCHES LECKÜBERWACHUNGSSYSTEM
 SISTEMA DE MONITORAMENTO ELECTRÓNICO DE VAZAMENTOS
 SISTEMA DI MONITORAGGIO PERDITE ELETTRONICO

ELECTRONIC LEAK DETECTION SYSTEM

Code	Notes
19SMSIT02	for 2 manifolds - pour 2 collecteurs para 2 colectores für 2 Verteiler para 2 colectores – per 2 collettori
19SMSIT04	for 4 manifolds - pour 4 collecteurs para 4 colectores für 4 Verteiler para 4 colectores – per 4 collettori
19SMSIT06	for 6 manifolds - pour 6 collecteurs para 6 colectores für 6 Verteiler para 6 colectores – per 6 collettori
19SMSIT08	for 8 manifolds - pour 8 collecteurs para 8 colectores für 8 Verteiler para 8 colectores – per 8 collettori



TUBE POUR ESSAI DE PRESSION ET MONITORAGE
 TUBO PARA PRUEBA DE PRESIÓN Y MONITORIZACIÓN
 PRÜFROHR FÜR DRUCKTEST UND ÜBERWACHUNG
 TUBO PARA TESTE DE PRESSÃO E MONITORAMENTO
 TUBO PER PROVA IN PRESSIONE E MONITORAGGIO

TUBE FOR PRESSURE TEST AND MONITORING

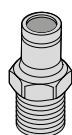
Code	Ø	Notes
19STT605	6	5 mt coil/couronne/rollo/Rolle/bobina/rotolo
19STT625	6	25 mt coil/couronne/rollo/Rolle/bobina/rotolo
19STT6100	6	100 mt coil/couronne/rollo/Rolle/bobina/rotolo



ADAPTATEUR FEMELLE POUR ESSAI DE PRESSION
 ADAPTADOR HEMBRA PARA PRUEBA DE PRESIÓN
 ADAPTER MIT INNENGEWINDE FÜR DRUCKTEST
 ADAPTADOR FÊMEA PARA TESTE DE PRESSÃO
 ADATTATORE FEMMINA PER PROVA IN PRESSIONE

FEMALE ADAPTER FOR PRESSURE TEST

Code	Ø	Notes
19SPTM14	1/4"	NPT thread/filet NPT/rosca NPT/NTP-Gewinde/rosca NPT/filettatura NPT



VALVE À ATTELAGE RAPIDE POUR TUBE ESSAI DE PRESSION
 VÁLVULA DE ENGANCHE RÁPIDO PARA TUBO PRUEBA DE PRESIÓN
 SCHNELLANSCHLUSSVENTIL FÜR PRÜFROHR FÜR DRUCKTEST
 VÁLVULA DE ENGATE RÁPIDO PARA TUBO DE TESTE DE PRESSÃO
 VALVOLA ATTACCO RAPIDO PER TUBO PROVA IN PRESSIONE

QUICK - FIT VALVE FOR PRESSURE TEST TUBE

Code	Ø	Notes
19SVT6	6	for Ø 6mm test tube - pour tube d'essai Ø 6mm para tubo de prueba Ø 6mm - für Ø 6mm Prüfrohr para tubo de teste Ø 6mm - per tubo di prova Ø 6mm



BOUCHON POUR PRISE DE TEST
TAPÓN PARA VÁLVULA DE PRUEBA
PRÜFVENTILVERSCHLUSS
TAMPA PARA TOMADA DE TESTE
TAPPO PER VALVOLA DI PROVA

TEST PORT PLUG

Code	Ø	Notes
19STVP6	6	



KIT ADAPTATEUR POUR PRISE DE TEST
KIT ADAPTADOR PARA VÁLVULA DE PRUEBA
PRÜFVENTILADAPTER FÜR DRUCKTEST
KIT ADAPTADOR PARA TOMADA DE TESTE
KIT ADATTATORE VALVOLA DI PROVA PER TEST IN PRESSIONE

TEST PORT ADAPTER KIT

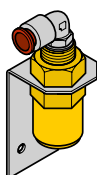
Code	Notes
19SGHKF	



RÉDUCTION 1/4" FILETÉE FEMELLE POUR PRISE DE TEST
REDUCCIÓN 1/4" ROSCADA HEMBRA PARA VÁLVULA DE PRUEBA
REDUZIERSTÜCK 1/4" MIT INNENGEWINDE FÜR PRÜFVENTIL
REDUÇÃO 1/4" C/ROSCA FÊMEA PARA TOMADA DE TESTE
RIDUTTORE FILETTATO FEMMINA 1/4" PER VALVOLA DI PROVA

REDUCER 1/4" FOR TEST PORT - FEMALE THREADED

Code	Notes
59IS13	

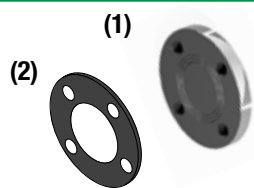


COUPE-FEU POUR TROU D'HOMME
CORTALLAMAS PARA ARQUETA PASO DE HOMBRE
BRANDSCHNEISE FÜR TANKSCHÄCHTE
CORTA-FOGO PARA POÇOS DE INSPECÇÃO
ROMPI-FUOCO PER POZZETTI PASSO D'UOMO

FIRE-BREAK FOR TANK SUMPS

Code	Notes
19SRFTS	for 1 tube Ø 6 mm - pour 1 tube Ø 6 mm para 1 tubo Ø 6 mm - für 1 Prüfrohr Ø 6 mm para 1 tubo Ø 6 mm - per 1 tubo Ø 6 mm

stop valve available for pressure systems - vanne d'arrêt disponible pour systèmes sous pression - válvula de parada disponible para sistemas de presión - Absperrventil für Drucksysteme verfügbar - válvula de corte disponível para circuitos pressurizados - valvola di arresto disponibile per circuiti in pressione



FAUSSE BRIDE DE ALUMINIUM AVEC JOINT
BRIDA CIEGA DE ALUMINIO CON JUNTA
BLINDFLANSCH AUS ALUMINIUM MIT DICHTUNG
FLANGE CEGO EM ALUMÍNIO COM JUNTA
FLANGIA CIECA IN ALLUMINIO CON GUARNIZIONE

ALUMINIUM BLIND FLANGE WITH GASKET

Code	ø	Notes
00SFU60910D50 ⁽¹⁾	50	DN40
00SFU60910D63 ⁽¹⁾	63	DN50
00SFU60910D90 ⁽¹⁾	90	DN80
00SFU60910D110 ⁽¹⁾	110	DN100
00SGU22530D50 ⁽²⁾	50	DN40
00SGU22530D63 ⁽²⁾	63	DN50
00SGU22530D90 ⁽²⁾	90	DN80
00SGU22530D110 ⁽²⁾	110	DN110



VANNE D'OBTURATION POUR ESSAI DE PRESSION
VÁLVULA OBTURADORA PARA PRUEBA DE PRESIÓN
VERSCHLUSSVENTIL FÜR DRUCKTEST
VÁLVULA OBTURADORA PARA TESTE DE PRESSÃO
VALVOLA DI OTTURAZIONE PER PROVA IN PRESSIONE

CLOSURE VALVE FOR PRESSURE TEST

Code	ø	Notes
00SPTCV50	50	DN40
00SPTCV63	63	DN50
00SPTCV90	90	DN80



MANOMÈTRE EN BAIN DE GLYCÉRINE
MANÓMETRO DE GLICERINA
MIT GLYZERIN GEFÜLLTES MANOMETER
MANÓMETRO DE GLICERINA
MANOMETRO A BAGNO DI GLICERINA

GLYCERINE FILLED PRESSURE GAUGE

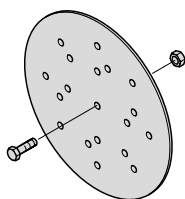
Code	Notes
00SMANGLI01	0 - 1 bar
00SMANGLI04	0 - 4 bar
00SMANGLI06	0 - 6 bar



MANOMÈTRE À VIDE RADIAL
VACUÓMETRO RADIAL
RADIALER VAKUUMMESSER
MANÓMETRO DE VÁCUO RADIAL
VUOTOMETRO RADIALE

VACUUM GAUGE - RADIAL

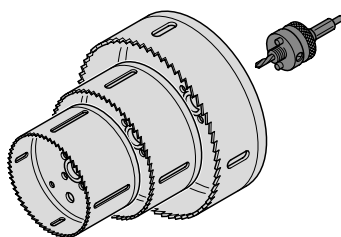
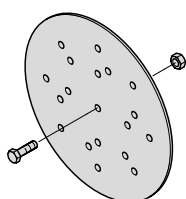
Code	Notes
00SVUOT0600	0 - 600 mbar
00SVUOT01000	0 - 1000 mbar



GABARIT DE PERFORATION POUR PRESSE-ÉTOUPE
 GALIBO DE PERFORAR PARA PASA-MUROS
 BOHRSCABLONE FÜR ROHRDURCHFÜHRUNG
 GABARITO DE PERFURAÇÃO PARA PREME ESTOPA
 DIMA DI FORATURA PER PREMI-STOPPA

ENTRY BOOT TEMPLATE (STEM)

Code	Ø	Notes
19STEM	32 ÷ 125	for SEB and SCUFV pour SEB et SCUFV para SEB ay SCUFV für SEB und SCUFV para SEB e SCUFV per SEB e SCUFV

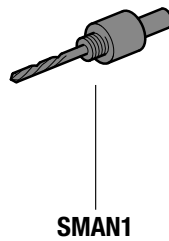
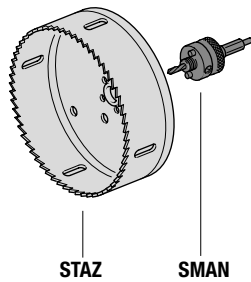


KIT POUR L'INSTALLATION DE PRESSE-ÉTOUPES
 KIT PARA LA INSTALACIÓN DE PASA-MUROS
 INSTALLATIONSKIT FÜR ROHRDURCHFÜHRUNGEN
 KIT DE INSTALAÇÃO DE PREME ESTOPAS
 KIT PER L'INSTALLAZIONE DI PREMI-STOPPA

INSTALLATION KIT FOR ENTRY BOOTS

Code	Ø	Notes
19SSET4	25 ÷ 125	19STEM, 19SMAN, 19STAZ70, 19STAZ98, 19STAZ140 Kit for/pour/para/für/para/per art. 19SEB
19SSET4A	32 ÷ 125	19SMAN, 19STAZ51, 19STAZ79, 19STAZ98, 19STAZ140 Kit for/pour/para/für/para/per art. 19SEBE
19SSET4B	32 ÷ 125	19SMAN, 19STAZ57, 19STAZ89, 19STAZ152, Kit for/pour/para/für/para/per art. 19SEBEFM, 19SEBEFM_A, 19SEBEF, 19SEBEF_A
19SSET4C	63 ÷ 125	19SMAN, 19STAZ79, 19STAZ111, 19STAZ152, OOCHIAVE63, OOCCHIAVE90, OOCCHIAVE110 Kit for/pour/para/für/para/per art. 19SEBEP

The image is only representative – l'image est simplement illustrative – la imagen es meramente ilustrativa – das Bild dient nur der Veranschaulichung - a imagem é meramente ilustrativa – l'immagine è puramente illustrativa



SCIE CLOCHE ET MANDRIN
SIERRA CIRCULAR Y MANDRIL
LOCHKREISSÄGE MIT DORN
SERRA CIRCULAR E MANDRIL
FRESA A TAZZA E MANDRINO

HOLE SAW (STAZ) - MANDREL (SMAN)

Code	Ø	Notes
19STAZ24	24	for/pour/para/für/para/per SEBECOMT
19STAZ51	51	for/pour/para/für/para/per SEBE Ø 32, 40, 50
19STAZ57	57	for/pour/para/für/para/per SEBEFM/A, SEBEF/A Ø 32, 40
19STAZ70	70	for/pour/para/für/para/per SEB Ø 25, 32, 40
19STAZ79	79	for/pour/para/für/para/per SEBE Ø 63 - SEBEP Ø 32, 40
19STAZ86	86	for/pour/para/für/para/per SEBEPN Ø 32, 40, 50
19STAZ89	89	for/pour/para/für/para/per SEBEFM/A, SEBEF/A Ø 50, 63, 75
19STAZ98	98	for/pour/para/für/para/per SEB Ø 50, 63, 75, 90 and SEBE Ø 75
19STAZ111	111	for/pour/para/für/para/per SEBEP Ø 63,75
19STAZ140	140	for/pour/para/für/para/per SEB Ø 110, 125 - SEBE Ø 90, 110, 125
19STAZ152	152	for/pour/para/für/para/per SEBEFM/A, SEBEF/A Ø 90, 110, 125, SEBEP Ø 90, 110, 125
19SMAN1	-	for/pour/para/für/para/per 19STAZ24
19SMAN	-	for/pour/para/für/para/per 19STAZ51 ÷ 152

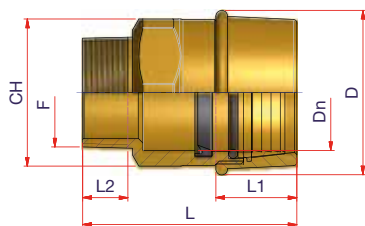


CLÉ DE SERRAGE
LLAVE DE AJUSTE
SCHRAUBENSCHLÜSSEL
CHAVE DE APERTO
CHIAVE DI SERRAGGIO

WRENCH (CHIAVE)

Code	Notes
00CHIAVE063	for/pour/para/für/para/per SEBEP Ø 32, 40, SEBEPN 32, 40, 50
00CHIAVE090	for/pour/para/für/para/per SEBEP Ø 63, 75
00CHIAVE110	for/pour/para/für/para/per SEBEP Ø 90, 110, 125

**FULL METAL FITTINGS
RACCORDS MÉTALLIQUES
ACCESORIOS METÁLICOS
ACESSÓRIOS METÁLICOS
VOLLSTÄNDIGE METALLFITTINGS
RACCORDI IN METALLO**

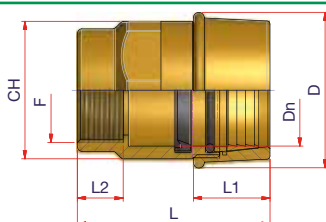


RACCORD À COMPRESSION DE LAITON FILETÉ MÂLE
CASQUILLO DE COMPRESIÓN DE LATÓN CON ROSCA MACHO
SCHRAUBSTUTZEN AUS MESSING MIT AUSSENGEWINDE
ADAPTADOR DE COMPRESSÃO DE LATÃO MACHO
BOCCHETTONE IN OTTONE FILETTATO MASCHIO

BRASS ADAPTER MALE - MECHANICAL (SBM)

Code	ø	Dn	F	D	L	L1	L2	CH	Notes
19SBM50112	50 x 1 1/2"	50	1 1/2"	71	91	35	19.1	63	BSP thread - filet BSP rosca BSP - BSP-Gewinde rosca BSP - filettatura BSP
19SBM632	63 x 2"	63	2"	88	100	38	23.4	77	
19SBM903	90 x 3"	90	3"	120	128	42	29.8	109	

NON-APPROVED FITTINGS - RACCORDS SANS CERTIFICATION - ACCESORIOS SIN CERTIFICACIÓN - NICHT ZERTIFIZIERTE FITTINGS - ACESSORIOS NÃO CERTIFICADOS - RACCORDI NON CERTIFICATI

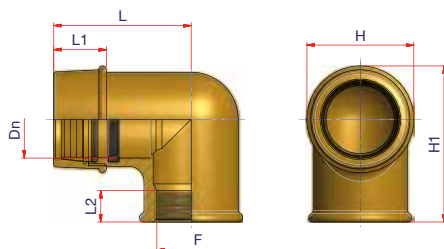


RACCORD À COMPRESSION DE LAITON FILETÉ FEMELLE
CASQUILLO DE COMPRESIÓN DE LATÓN CON ROSCA HEMBRA
SCHRAUBSTUTZEN AUS MESSING MIT INNENGEWINDE
ADAPTADOR DE COMPRESSÃO DE LATÃO FÊMEA
BOCCHETTONE IN OTTONE FILETTATO FEMMINA

BRASS ADAPTER FEMALE - MECHANICAL (SBF)

Code	ø	Dn	F	D	L	L1	L2	CH	Notes
19SBF50112	50 x 1 1/2"	50	1 1/2"	71	88	35	19	63	BSP thread - filet BSP rosca BSP - BSP-Gewinde rosca BSP - filettatura BSP
19SBF632	63 x 2"	63	2"	88	96	38	23.7	77	
19SBF903	90 x 3"	90	3"	120	120	42	33.3	109	

NON-APPROVED FITTINGS - RACCORDS SANS CERTIFICATION - ACCESORIOS SIN CERTIFICACIÓN - NICHT ZERTIFIZIERTE FITTINGS - ACESSORIOS NÃO CERTIFICADOS - RACCORDI NON CERTIFICATI

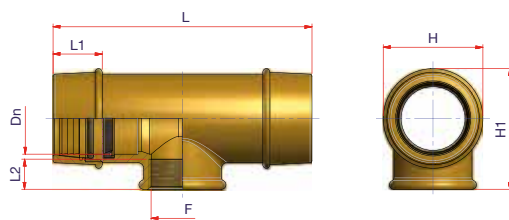


COUDE À 90° À COMPRESSION DE LAITON FILETÉ FEMELLE
CODO DE 90° DE COMPRESIÓN DE LATÓN CON ROSCA HEMBRA
90°-SCHRAUBSTUTZEN MIT INNENGEWINDE
COTOVELO 90° DE COMPRESSÃO DE LATÃO FÊMEA
BOCCHETTONE 90° IN OTTONE FILETTATO FEMMINA

BRASS ELBOW FEMALE 90° - MECHANICAL (SBGF)

Code	ø	Dn	F	L	L1	L2	H	H1	Notes
19SBGF50112	50 x 1 1/2"	50	1 1/2"	70	35	21.4	71	100	BSP thread - filet BSP rosca BSP - BSP-Gewinde rosca BSP - filettatura BSP
19SBGF632	63 x 2"	63	2"	75	37	23.7	87	113	

NON-APPROVED FITTINGS - RACCORDS SANS CERTIFICATION - ACCESORIOS SIN CERTIFICACIÓN - NICHT ZERTIFIZIERTE FITTINGS - ACESSORIOS NÃO CERTIFICADOS - RACCORDI NON CERTIFICATI



TÉ EGAL À COMPRESSION DE LAITON FILETÉ FEMELLE
TE DE COMPRESIÓN DE LATÓN CON ROSCA HEMBRA
T-SCHRAUBSTUTZEN AUS MESSING MIT INNENGEWINDE
TUBO EM T DE COMPRESSÃO DE LATÃO FÊMEA
BOCCHETTONE A T IN OTTONE FILETTATO FEMMINA

BRASS EQUAL TEE FEMALE - MECHANICAL (SBTEF)

Code	ø	Dn	F	L	L1	L2	H	H1	Notes
19SBTEF50112	50 x 1 1/2"	50	1 1/2"	185	35	21.4	72	82	BSP thread - filet BSP rosca BSP - BSP-Gewinde rosca BSP - filettatura BSP
19SBTEF632	63 x 2"	63	2"	200	38	23.7	88	100	

NON-APPROVED FITTINGS - RACCORDS SANS CERTIFICATION - ACCESORIOS SIN CERTIFICACIÓN - NICHT ZERTIFIZIERTE FITTINGS - ACESSORIOS NÃO CERTIFICADOS - RACCORDI NON CERTIFICATI



COURBE A GRAND RAYON M/F 90° EN FONTE
 CURVA RADIO LARGO M/H 90° DE FUNDICIÓN
 90°-KRÜMMER I/A-GEWINDE AUS GUSSEISEN, LANG
 COTOVELO RAILO LONGO M/F 90° EM FERRO FUNDIDO
 CURVA LUNGA M/F A 90° IN GHISA

CAST IRON LONG SWEEP BEND M/F 90°

Code	Ø
19S01005007	1 1/2"
19S01005008	2"
19S0100500A	3"
19S0100500C	4"



COURBE A GRAND RAYON F/F 90° EN FONTE
 CURVA RADIO LARGO H/H 90° DE FUNDICIÓN
 90°-KRÜMMER I/I-GEWINDE AUS GUSSEISEN, LANG
 COTOVELO RAILO LONGO F/F 90° EM FERRO FUNDIDO
 CURVA LUNGA F/F A 90° IN GHISA

CAST IRON LONG SWEEP BEND F/F 90°

Code	Ø
19S02005007	1 1/2"
19S02005008	2"
19S0200500A	3"
19S0200500C	4"



COUDE F/F 90° EN FONTE
 CODO H/H 90° DE FUNDICIÓN
 90°-KRÜMMER I/I-GEWINDE AUS GUSSEISEN
 COTOVELO H/H 90° EM FERRO FUNDIDO
 CURVA F/F A 90° IN GHISA

CAST IRON ELBOW F/F 90°

Code	Ø
19S09005007	1 1/2"
19S09005008	2"
19S0900500A	3"
19S0900500C	4"



COUDE M/F 90° EN FONTE
 CODO M/H 90° DE FUNDICIÓN
 90°-KRÜMMER A/I-GEWINDE AUS GUSSEISEN
 COTOVELO H/H 90° EM FERRO FUNDIDO
 CURVA M/F A 90° IN GHISA

CAST IRON ELBOW M/F 90°

Code	Ø
19S09205007	1 1/2"
19S09205008	2"
19S0920500A	3"
19S0920500C	4"



COURBE A GRAND RAYON F/F 45° EN FONTE
 CURVA RADIO LARGO H/H 45° DE FUNDICIÓN
 45°-KRÜMMER I/I-GEWINDE AUS GUSSEISEN, LANG
 COTOVELO RAIO LONGO H/H 45° EM FERRO FUNDIDO
 CURVA LUNGA F/F A 45° IN GHISA

CAST IRON LONG SWEEP BEND F/F 45°

Code	Ø
19S04005007	1 ½"
19S04005008	2"
19S0400500A	3"
19S0400500C	4"



TÉ EN FONTE
 TE DE FUNDICIÓN
 T-STÜCK AUS GUSSEISEN
 TUBO EM T EM FERRO FUNDIDO
 TEE IN GHISA

CAST IRON TEE

Code	Ø
19S13005007	1 ½"
19S13005008	2"
19S1300500A	3"
19S1300500C	4"



TÉ REDUITE EN FONTE
 TE REDUCIDA DE FUNDICIÓN
 REDUZIERTES T-STÜCK AUS GUSSEISEN
 TUBO EM T REDUZIDO EM FERRO FUNDIDO
 TEE RIDOTTA IN GHISA

CAST IRON REDUCING TEE

Code	Ø
19S13005878	2" x 1 ½" x 2"
19S13005CAC	4" x 3" x 4"



TÉ CINTRÉ EN FONTE
 TE CURVA DE FUNDICIÓN
 T-STÜCK MIT KRÜMMER AUS GUSSEISEN
 TUBO EM T COM COTOVELO EM FERRO FUNDIDO
 TEE A UNA CURVA IN GHISA

CAST IRON PITCHER TEE

Code	Ø
19S13105007	1 ½"
19S13105008	2"
19S1310500A	3"
19S1310500C	4"



MANCHON EN FONTE
MANGUITO DE FUNDICIÓN
MUFFE AUS GUSSEISEN
UNIÃO EM FERRO FUNDIDO
MANICOTTO IN GHISA

CAST IRON COUPLER

Code	Ø
19S27005007	1 1/2"
19S27005008	2"
19S2700500A	3"
19S2700500C	4"



MAMELON DOUBLE EN FONTE
ROSCA DOBLE DE FUNDICIÓN
DOPPELGEWINDE AUS GUSSEISEN
NIPLE DUPLO EM FERRO FUNDIDO
NIPPO DOPPIO IN GHISA

CAST IRON HEXAGON NIPPLE

Code	Ø
19S28005007	1 1/2"
19S28005008	2"
19S2800500A	3"
19S2800500C	4"



BOUCHON EN FONTE
TAPÓN DE FUNDICIÓN
VERSCHLUSS AUS GUSSEISEN
TAMPA EM FERRO FUNDIDO
TAPPO IN GHISA CON BORDO

CAST IRON PLUG

Code	Ø
19S29005007	1 1/2"
19S29005008	2"
19S2900500A	3"
19S2900500C	4"



BOUCHON FEMELLE EN FONTE
TAPA HEMBRA DE FUNDICIÓN
KAPPE MIT INNENGEWINDE AUS GUSSEISEN
CALOTA FÊMEA EM FERRO FUNDIDO
CALOTTA FEMMINA IN GHISA

CAST IRON CAP FEMALE

Code	Ø
19S30005007	1 ½"
19S30005008	2"
19S3000500A	3"
19S3000500C	4"



MANCHON UNION Á JOINT CONIQUE EN FONTE
UNIÓN ASIENTO CÓNICO DE FUNDICIÓN
GUSSEISENVERBINDUNG MIT KONISCHEM SITZ
UNIÃO COM SEDE CÓNICA EM FERRO FUNDIDO
BOCCHETTONE A SEDE CONICA IN GHISA

CAST IRON UNION, TAPER SEAT

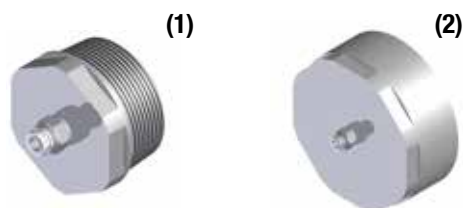
Code	Ø
19S33005007	1 ½"
19S33005008	2"
19S3300500A	3"
19S3300500C	4"



MANCHON UNION Á JOINT PLAT EN FONTE
UNIÓN ASIENTO PLANO DE FUNDICIÓN
GUSSEISENVERBINDUNG MIT FLACHEM SITZ
UNIÃO COM SEDE PLANA EM FERRO FUNDIDO
BOCCHETTONE A SEDE PIANA IN GHISA

CAST IRON UNION, FLAT SEAT

Code	Ø
19S31005007	1 ½"
19S31005008	2"
19S3100500A	3"
19S3100500C	4"



BOUCHON POUR TEST DU SYSTÈME AVEC PRISE DE TEST
 TAPÓN PARA PRUEBA DE SISTEMA CON VÁLVULA DE PRUEBA
 KAPPE FÜR SYSTEMTEST MIT TESTANSCHLUSS
 TAMPA PARA TESTE DO SISTEMA COM TOMADA DE TESTE
 TAPPO PROVA IMPIANTI CON TEST PORT

CAP FOR SYSTEM TEST WITH TEST PORT

Code	Ø	Notes
19STLCF112M2 ^{(1) (*)}	1 1/2" x 2"	
19STLCF1M112 ^{(1) (*)}	1" x 1 1/2"	
19STLCF2M3 ^{(1) (*)}	2" x 3"	
19STLCF3M4 ^{(1) (*)}	3" x 4"	
19STLCF4 ^{(2) (**)}	4"	

^(*) male thread UNI EN 10226-1 – filetage mâle UNI EN 10226-1 – rosca macho UNI EN 10226-1 – Aussengewinde UNI EN 10226-1 – rosca macho UNI EN 10226-1 – filettatura maschio UNI EN 10226-1

^(**) female thread ISO 228 – filetage femelle ISO 228 – rosca hembra ISO 228 – Innengewinde ISO 228 – rosca fêmea ISO 228 – filettatura femmina ISO 228



BRIDE AVEUGLE POUR TEST DU SYSTÈME PN10 AVEC PRISE DE TEST
 BRIDA CIEGA PARA PRUEBA DE SISTEMA PN10 CON VÁLVULA DE PRUEBA
 BLINDFLANSCH FÜR SYSTEMTEST PN10 MIT TESTANSCHLUSS
 FLANGE CEGO PARA TESTE DO SISTEMA PN10 COM TOMADA DE TESTE
 FLANGIA CIEGA PROVA IMPIANTI PN10 CON TEST PORT

BLIND FLANGE FOR SYSTEM TEST PN10 WITH TEST PORT

Code	Ø (PE)	Notes
19SFU5010TP	50	
19SFU6310TP	63	
19SFU9010TP	90	
19SFU11010TP	110	



SAC AVEC 50 BOUCHONS POUR LA PROTECTION DES COSSES
 BOLSA CON 50 TAPONES PARA PROTECCIÓN DE TERMINALES
 BEUTEL MIT 50 SCHUTZKAPPEN FÜR KABELSCHUHE
 SACO COM 50 TAMPAS PELA PROTECÇÃO DO TERMINAIS DE CABOS
 SACCHETTO CON 50 TAPPINI PER PROTEZIONE CAPICORDA

BAG WITH 50 CAPS FOR THE PROTECTION OF WELDING PINS

Code	Notes
19SFCAPS50	50 caps/bouchons/tapones/ Schutzkappen/tampas/tappini



RACCORD WIPEX POUR TUYAUTERIE EN POLYÉTHYLÈNE
 RACOR WIPEX PARA TUBERÍA DE POLIETILENO
 FITTING WIPEX FÜR POLYÄTHYLENROHRE
 UNIÃO WIPEX PARA TUBOS EM POLIETILENO
 RACCORDO WIPEX PER TUBI IN POLIETILENE

WIPEX FITTING FOR POLYETHYLENE PIPES

Code	Ø	Notes
00SWIP50	50	for pipe/pour tuyau/para tubería/für Rohre/para tubulação/per tubo Ø 63
00SWIP80	80	for pipe/pour tuyau/para tubería/für Rohre/para tubulação/per tubo Ø 90



CONNEXION FLEXIBLE AVEC BRIDE OVAL TOURNANTE
 CONEXIÓN FLEXIBLE CON BRIDA OVAL GIRATORIA
 FLEXIBLE VERBINDUNG FÜR OVALEN DREHFLANSCH
 CONEXÃO FLEXÍVEL COM FLANGE OVAL GIRATÓRIA
 FLESSIBILE CON FLANGIA OVALE GIREVOLE

FLEX CONNECTOR WITH OVAL FLANGE SWIVEL

Code	Notes
00SFLAOGIR	H. 250mm

pressure 1,5 bar max - pression 1,5 bar max. - presión 1,5 bar máx. - max. Druck 1,5 bar - pressão máx. 1,5 bar - pressione 1,5 bar max.



ROBINET À BILLE F/F PN25
 LLAVE DE PASO ESFERA H/H PN25
 KUGELHAHN I/I PN25
 VÁLVULA DE ESFERA F/F PN25
 VALVOLA A SFERA F/F PN25

BALL VALVE F/F PN25

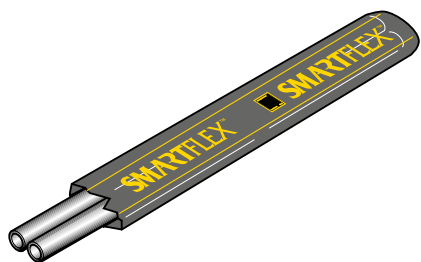
Code	Ø	Notes
00SFERAFF25	25	for pipe/pour tuyau/para tubería/für Rohre/ para tubulação/per tubo Ø 32
00SFERAFF40	40	for pipe/pour tuyau/para tubería/für Rohre/para tubulação/per tubo Ø 50
00SFERAFF50	50	for pipe/pour tuyau/para tubería/für Rohre/ para tubulação/per tubo Ø 63
00SFERAFF80	80	for pipe/pour tuyau/para tubería/für Rohre/ para tubulação/per tubo Ø 90
00SFERAFF100	100	for pipe/pour tuyau/para tubería/für Rohre/ para tubulação/per tubo Ø 110



TUYAU FLEXIBLE TRESSÉ
 MANGUERA TRENZADA
 FLEXLEITUNG
 TUBO FLEXÍVEL TRANÇADO
 TUBO FLESSIBILE TRECCIATO

BRAIDED HOSE

Code	Ø	Notes
19STFLEXMM112	1 ½"	M/M - 300 mm - 35 bar
19STFLEXMF112	1 ½"	M/F - 300 mm - 35 bar
19STFLEXMM2	2"	M/M - 300 mm - 35 bar



BARRES: POIDS ET DIMENSIONS - CHAQUE COLIS INCLUT LE SUIVANT NUMÉRO DE BARRES
 BARRAS: PESO Y DIMENSIONES - CADA BULTO INCLUYE EL SIGUIENTE NÚMERO DE BARRAS
 STANGEN: GEWICHT UND GRÖSSE - JEDE PACKUNG ENTHÄLT DIE FOLGENDE STANGENANZAHL
 BARRAS: PESO E MEDIDAS - CADA EMBALAGEM CONTÉM O SEGUINTE NÚMERO DE BARRAS
 BARRE: PESO E DIMENSIONI - OGNI PACCO CONTIENE IL SEGUENTE NUMERO DI BARRE

STRAIGHT LENGTHS/STICKS: SIZE AND WEIGHT - EACH PACKAGE INCLUDES THE FOLLOWING NUMBER OF LENGTHS

SW Ø (in.)	SW Ø (mm)	Quantity
1	32	8
1½	50	5
2	63	4
2½	75	3
3	90	2
4	110	2
5	125	1
6	160	1
9	225	1

DW Ø (in.)	DW Ø (mm)	Quantity
1½	50	4
2	63	3
3	90	1
4	110	1
6	160	1

Product	ITEM	COLOUR CODE	Applications
SuperSmartflex	TSMAXP, TSMAXS, TSMAXPD	Green/vert/verde/grün/verde	NV, VR, FL, PC, PS
Smartflex H	TSMAH, TSMAMD, TSMAS	Red/rouge/rojo/rot/vermelho/rosso	NV, VR, FL, PC, PS
Smartflex	TSMA, TSMAD, TSMAS, TSMASUREA	Green/vert/verde/grün/verde	NV, VR, FL, PC, PS, SC
Smartflex	T SMAU, T SMAUD	Yellow/jaune/amarillo/gelb/amarelo/giallo	NV, VR, FL
Smartflex	T SMAUREA, T SMADUREA	Silver/argent/plata/silber/prata/argento	NV, VR, FL, PC, PS
SuperSmartflex	T SMAUXP, T SMAUXPD	Yellow/jaune/amarillo/gelb/amarelo/giallo	NV, VR, PS

PS · Primary-Secondary/Primaire-Secondaire/Primario-Secondario/Medium-/Mantelrohr/Primário-Secundário/Primario-Secondario

PC · Primary Carrier/ Primaire/Primario/Mediumrohr/Primário/Primario

SC · Secondary Containment/Secondaire/Secondario/Mantelrohr/Secundário/Secondario

NV · Normal Vent/Event/Ventoe/Entlüftung/Respiro/Equilibrio

VR · Vapor Recovery/ Récupération de Vapeurs/Recuperación de Vapores/Gaspendingung/Linha de Vapor/Recupero Vapor

FL · Filling Lines/Dépotage/Llenado/Befüllung/Carregamento/Carico

QUICK CONVERSION FACTORS (APPROXIMATE TO WITHIN 10%)

To go from	To	
mm	in	Divide by 25
m	ft.	Multiply by 3
m ²	sq. ft.	Multiply by 10
m ³	cu. ft.	Multiply by 35
l	US/Imperial gal.	Divide by 4
kg	lb	Multiply by 2
kcal	BTU	Multiply by 4
kPa	psi	Divide by 7
bar	psi	Multiply by 15
°C	°F	(1.8 x °C) + 32
°F	°C	(°F - 32) ÷ 1.8

CONVERSION FACTORS

To go from	To		To go from	To	
mm	in	Divide by 25.4	in	mm	Multiply by 25.4
m	ft.	Multiply by 3.281	ft.	m	Multiply by 0.305
m ²	sq. ft.	Multiply by 10.76	sq. ft.	m ²	Multiply by 0.093
m ³	cu. ft.	Multiply by 35.31	cu. ft.	m ³	Multiply by 0.028
l	US gal.	Multiply by 0.264	US gal.	l	Multiply by 3.785
l	Imperial gal.	Multiply by 0.220	Imperial gal.	l	Multiply by 4.546
kg	lb	Multiply by 2.205	lb	kg	Multiply by 0.454
kcal	BTU	Multiply by 3.968	BTU	kcal	Multiply by 0.252
kPa	psi	Multiply by 0.145	psi	kPa	Multiply by 6.895
bar	psi	Multiply by 14.50	psi	bar	Multiply by 0.069
°C	°F	(1.8 x °C) + 32	°F	°C	(°F - 32) ÷ 1.8

OUTSIDE DIAMETER (METRIC) AND NOMINAL DIAMETERS (IMPERIAL)

Metric (mm)	Imperial (in.)
25	3/4
32	1
40	1¼
50	1½
63	2
75	2½
90	3
110	4
125	5
160	6
225	9

SMART
conduit

NON-HYDROSCOPIC COMPOSITE PIPING SYSTEM DESIGNED TO CONTAIN ELECTRICAL AND COMMUNICATION CABLES IN HAZARDOUS ENVIRONMENTS

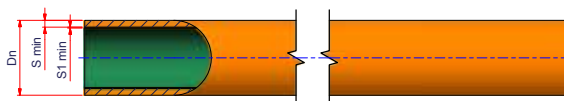
**SYSTÈME DE TUYAUTERIE COMPOSITE NON HYDROSCOPIQUE CONÇU POUR ACCUEILLIR DES
CÂBLES ÉLECTRIQUES ET DE COMMUNICATION DANS DES ENVIRONNEMENTS DANGEREUX**

**SISTEMA DE TUBERÍAS COMPUESTAS NO HIDROSCÓPICAS DISEÑADO PARA ALOJAR CABLES
ELÉCTRICOS Y DE COMUNICACIÓN EN AMBIENTES PELIGROSOS**

**NICHT-HYDROSKOPISCHES VERBUNDRÖHRSYSTEM ENTWICKELT, UM ELEKTRISCHE UND
KOMMUNIKATIONSKABEL IN GEFÄHRLICHEN UMGEBUNGEN ZU ENTHALTEN**

**SISTEMA DE TUBULAÇÃO COMPÓSITO NÃO HIDOSCÓPICO PROJETADO PARA CONTER CABOS
ELÉTRICOS E DE COMUNICAÇÃO EM AMBIENTES PERIGOSOS**

**SISTEMA DI TUBAZIONI COMPOSITE NON IDROSCOPICHE PROGETTATO PER ALLOGGIARE CAVI
ELETTRICI E DI COMUNICAZIONE IN AMBIENTI PERICOLOSI**

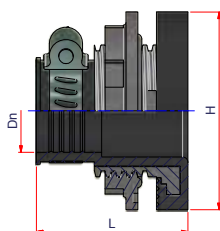


TUYAUTERIE CONDUIT
 TUBERÍA CONDUIT
 CONDUIT ROHRSYSTEM
 TUBO CONDUIT
 TUBAZIONE CONDUIT

CONDUIT PIPE

Code	Nominal OD in.	Dn	S min	S1 min	Weight (kg/m)
19TCON32R100	1"	32	2.4	0.4	0.28
19TCON40R100 *	1 ¼"	40	3.0	0.4	0.42
19TCON50R100 *	1 ½"	50	3.2	0.4	0.62

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



PRESSE-ÉTOUPE
 PASAMUROS
 ROHRDURCHFÜHRUNG
 BOOT EM BORRACHA
 PREMI-STOPPA

PENETRATION FITTING

Code	Nominal ID in.	Dn	L	H
19CEB32	1"	32	58	75

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta

NOTE: Use code STAZ51 for sump drilling and code 00CHIAVE32 for ring nut tightening

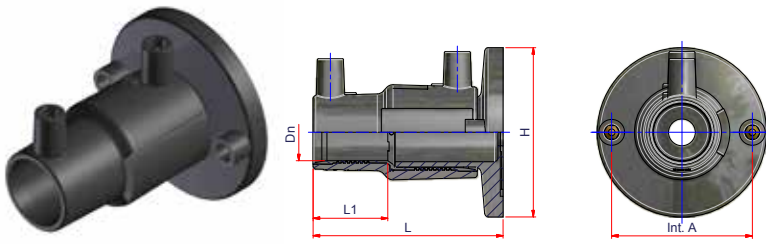
AVERTISSEMENT: Utiliser le code STAZ51 pour le forage de la chambre et le code 00CHIAVE32 pour le serrage de la bague

NOTA: Utilizar el código STAZ51 para la perforación de la arqueta y el código 00CHIAVE32 para apretar la tuerca anular

ACHTUNG: Benutzen Sie STAZ51 für die Bohrung dem Tankschacht und 00CHIAVE32 für Ringmutter Anziehen

NOTA: Use o código STAZ51 para a perfuração do poço de inspeção e o código 00CHIAVE32 para o aperto da porca

NOTA BENE: Utilizzare il codice STAZ51 per la foratura del pozzetto e il codice 00CHIAVE32 per il serraggio della ghiera



PRESSE-ÉTOUPE ELECTROSODABLE
PASAMUROS ELECTROSOLDABLE
ELEKTROSCHWEISSBARE ROHRDURCHFÜHRUNG
BOOT DE ELETROFUSÃO
PREMI-STOPPA ELETTRISALDABILE

PENETRATION FITTING - ELECTROFUSION

Code	Nominal ID in.	Dn	L1	L	H	Int. A
19CEBE32	1"	32	43	110	98	81.5

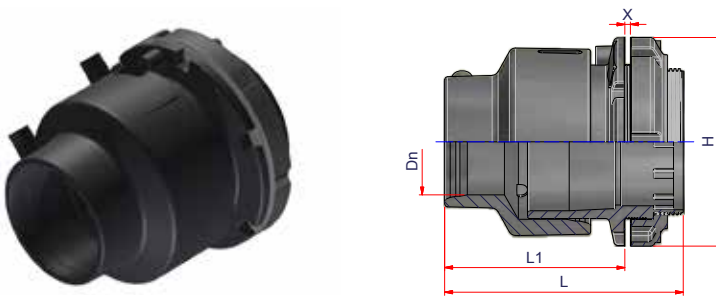


PRESSE-ÉTOUPE
PASAMUROS
ROHRDURCHFÜHRUNG
BOOT EM BORRACHA
PREMI-STOPPA

ENTRY BOOT

Code	Nominal ID in.	Dn	L1	L	H1	H	Holes
19SEB32	1"	32	43.5	55	101.5	128	4
19SEB40 *	1 1/4"	40	43.5	55	101.5	128	4

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



PRESSE-ÉTOUPE MECANIQUE ELECTROSODABLE
PASA MUROS MECÁNICO ELECTROSOLDABLE
MECHANISCHE ELEKTROSCHWEISSBARE ROHRDURCHFÜHRUNG
PREME ESTOPA MECÂNICO ELECTROSOLDÁVEL
PREMI-STOPPA MECCANICO ELETTRISALDABILE

MECHANICAL ELECTROFUSION ENTRY BOOT

Code	Nominal ID in.	Dn	L1	L	X	H
19SEBEPN32	1"	32	141	184	5 ÷ 20	100
19SEBEPN40	1 1/4"	40	141	184	5 ÷ 20	100
19SEBEPN50	1 1/2"	50	141	183	4 ÷ 20	100

NOTE: Use code STAZ86 for sump drilling and code 00CHIAVE63 for ring nut tightening

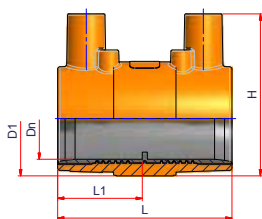
AVERTISSEMENT: Utiliser le code STAZ86 pour le forage de la chambre et le code 00CHIAVE63 pour le serrage de la bague

NOTA: Utilizar el código STAZ86 para la perforación de la arqueta y el código 00CHIAVE63 para apretar la tuerca anular

ACHTUNG: Benutzen Sie STAZ86 für die Bohrung dem Tankschacht und 00CHIAVE63 für Ringmutter Anziehen

NOTA: Use o código STAZ86 para a perfuração do poço de inspeção e o código 00CHIAVE63 para o aperto da porca

NOTA BENE: Utilizzare il codice STAZ86 per la foratura del pozzetto e il codice 00CHIAVE63 per il serraggio della ghiera

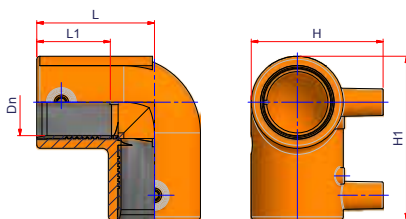


MANCHON ELECTROSOUDABLE
MANGUITO ELECTROSOLDABLE
ELEKTROSCHWEISSBARE MUFFE
UNIÃO ELETROFUSÃO
MANICOTTO ELETTRISALDABILE

STRAIGHT CONNECTOR (COUPLER)

Code	Nominal ID in.	Dn	D1	L1	L	H
19CME32	1"	32	46	34	70	65
19CME40 *	1 ¼"	40	55	41	84	75
19CME50 *	1 ½"	50	67	42	87	86

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta

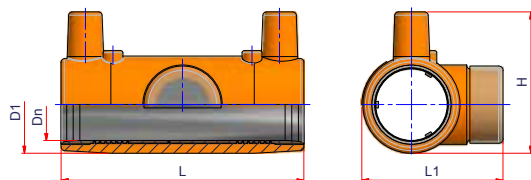


COUDE À 90° ELECTROSOUDABLE
CODO 90° ELECTROSOLDABLE
ELEKTROSCHWEISSBARER WINKEL 90°
COTOVELO 90° ELETROFUSÃO
CURVA A 90° ELETTRISALDABILE

90° ELBOW

Code	Nominal ID in.	Dn	L1	L	H1	H
19CGE32	1"	32	35	57	79	65
19CGE40 *	1 ¼"	40	41	65	91.5	73
19CGE50 *	1 ½"	50	47	77	107	84

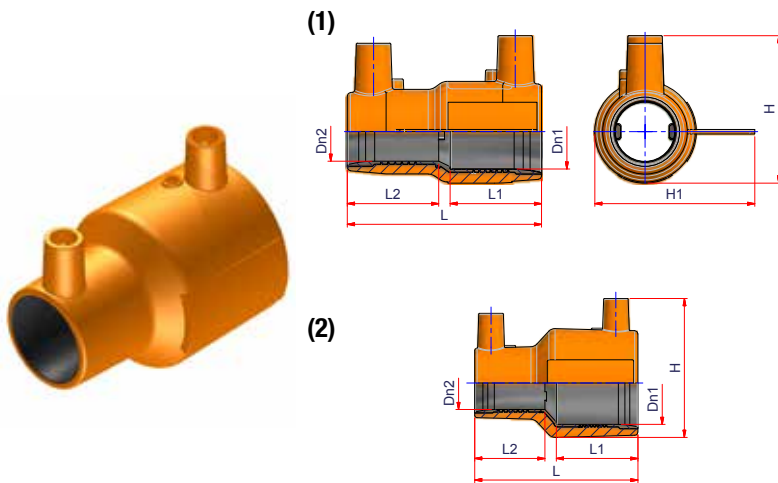
* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



MANCHON ELECTROSOUDABLE LONG - ARRÊT VEPEUR
MANGUITO ELECTROSOLDABLE LARGO - PARADA VAPOR
ELEKTROSCHWEISSBARE LANGE MUFFE - DAMPFSTOPP
UNIÃO ELETROFUSÃO LONGA - PARADA VAPOR
MANICOTTO ELETTRISALDABILE LUNGO - BARRIERA VAPORE

LONG ELECTROFUSION COUPLER VAPOUR STOP *

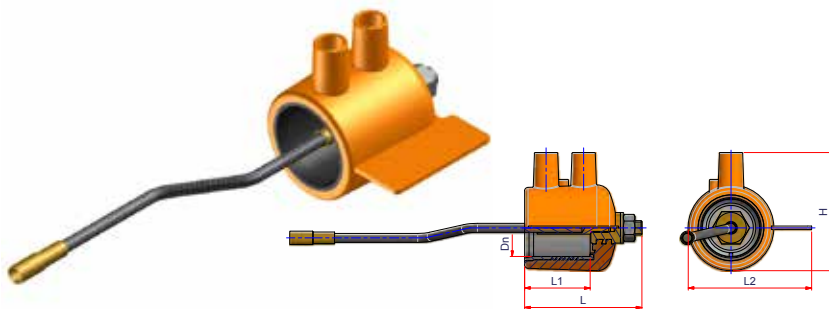
Code	Nominal ID in.	Dn	D1	L1	L	H
19CMEL32	1"	32	44	110	64	64



RÉDUCTION
REDUCCIÓN
REDUZIERSTÜCK
REDUÇÃO
RIDUZIONE

REDUCER

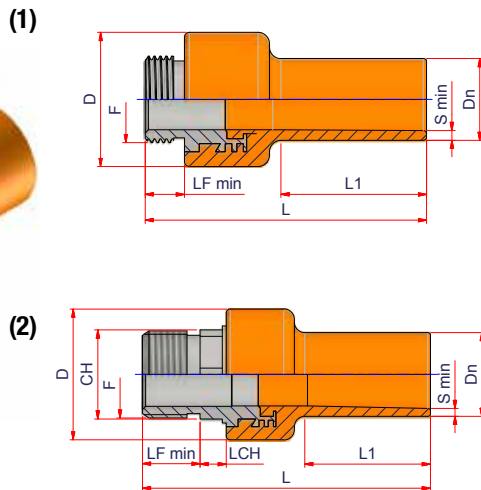
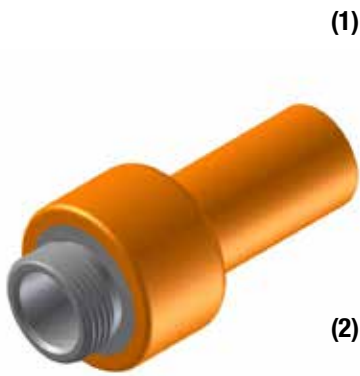
Code	Nominal ID in.	Dn1	Dn2	L1	L2	L	H1	H
19CRDE3225 ⁽¹⁾	1" x 1/2"	32	25	39.5	39.5	84.5	70	64.5
19CRDE5032 ⁽²⁾	1 1/2" x 1"	50	32	49.5	41.5	100	-	85



BOUCHON DE MISE À TERRE
TAPÓN DE PUESTA A TIERRA
VERSCHLUSS FÜR ERDUNG
CAP PONTA DE LIGAÇÃO A TERRA
TAPPO PER MESSA A TERRA

EARTHING END CAP

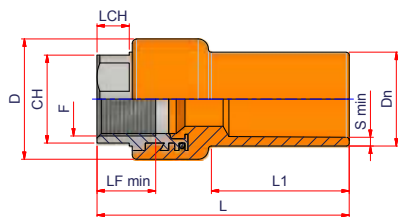
Code	Nominal ID in.	Dn	L1	L2	L	H
19CETH32	1"	32	36	67	65.5	65



ADAPTATEUR MÂLE NICKELÉ
 ADAPTADOR MACHO NIQUELADO
 GEWINDEÜBERGANG MIT AUSSENGEWINDE - NICKEL LEGIERUNG
 ADAPTADOR MACHO DE PAREDE SIMPLES NIQUELADO
 ADATTATORE MASCHIO NICHELATO

ADAPTER MALE NICKEL PLATED

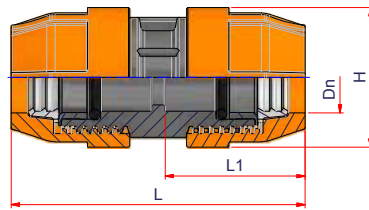
Code	Nominal OD in.	Dn	S min	F	LF min	D	L1	L	CH	LCH
19CAM2534P ⁽¹⁾	¾" x ¾"	25	3.0	¾"	14.5	41	44.5	86	-	-
19CAM321P ⁽²⁾	1" x 1"	32	3.0	1"	16.8	50	48	110	34	10



ADAPTATEUR FEMELLE NICKELÉ
 ADAPTADOR HEMBRA NIQUELADO
 GEWINDEÜBERGANG MIT INNENGEWINDE - NICKEL LEGIERUNG
 ADAPTADOR FÊMEA NIQUELADO
 ADATTATORE FEMMINA NICHELATO

ADAPTER FEMALE NICKEL PLATED

Code	Nominal OD in.	Dn	S min	F	LF min	D	L1	L	CH	LCH
19CAF32M20	1"	32	3.0	M20 x 1.5	18	41	47	85	25	11
19CAF32M25	1"	32	3.0	M25 x 1.5	20	41	47	86	30	12

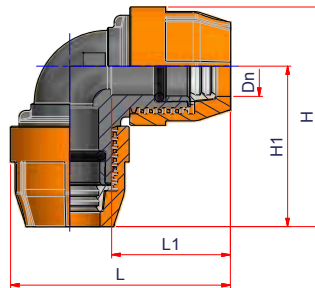


MANCHON
MANGUITO
MUFFE
UNIÃO
MANICOTTO

STRAIGHT CONNECTOR (COUPLER)

Code	Nominal ID in.	Dn	L1	L	H
19CMP32	1"	32	62.5	138	64.5
19CMP40*	1 ¼"	40	80	167.5	83.5
19CMP50*	1 ½"	50	90	184	96

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta

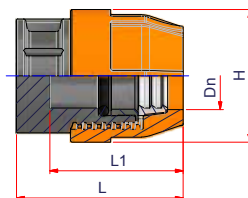


COUDE 90°
CODO 90°
WINKEL 90°
COTOVELO 90°
CURVA A 90°

90° ELBOW

Code	Nominal ID in.	Dn	L1	L	H1	H
19CGP32	1"	32	62.5	120	86	120
19CGP40 *	1 ¼"	40	80	152	109	152
19CGP50 *	1 ½"	50	90	168	122	168

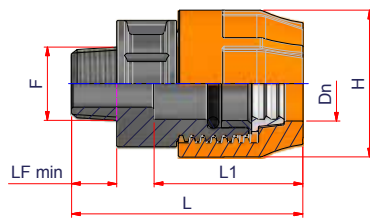
* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



BOUCHON
TAPÓN
VERSCHLUSS
CAP PONTA
TAPPO

END CAP

Code	Nominal ID in.	Dn	L1	L	H
19CECP32	1"	32	62.5	83	54.5
19CECP40*	1 ¼"	40	80	89.5	83.5
19CECP50*	1 ½"	50	90	97	96

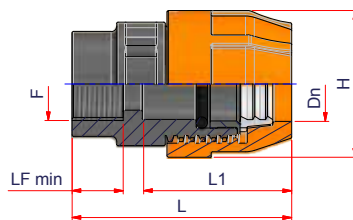


ADAPTATEUR MÂLE
 ADAPTADOR MACHO
 GEWINDEÜBERGANG MIT AUSSENGEWINDE
 ADAPTADOR MACHO
 ADATTATORE MASCHIO

ADAPTER MALE

Code	Nominal ID in.	Dn	F	LF min	L1	L	H
19CRMP321	1" x 1"	32	1"	19.1	62.5	102	64.5
19CRMP40114*	1 ¼" x 1 ¼"	40	1 ¼"	21.4	80	111	83.5
19CRMP50112*	1 ½" x 1 ½"	50	1 ½"	21.4	90	118,5	96

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta

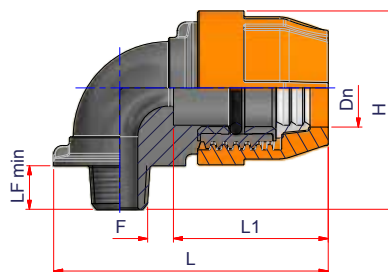


ADAPTATEUR FEMELLE
 ADAPTADOR HEMBRA
 GEWINDEÜBERGANG MIT INNENGEWINDE
 ADAPTADOR FÊMEA
 ADATTATORE FEMMINA

ADAPTER FEMALE

Code	Nominal ID in.	Dn	F	LF min	L1	L	H
19CRFP321	1" x 1"	32	1"	20	62.5	88	64.5
19CRFP40114*	1 ¼" x 1 ¼"	40	1 ¼"	22.5	80	92.5	83.5
19CRFP50112*	1 ½" x 1 ½"	50	1 ½"	22.5	90	113.5	96

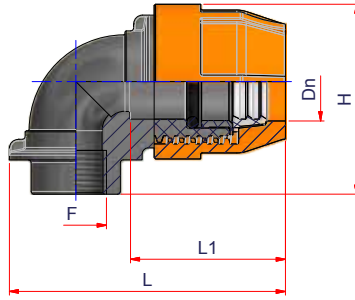
* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



COUDE MALE 90°
 CODO MACHO 90°
 WINKEL MIT AUSSENGEWINDE 90°
 COTOVELO MACHO 90°
 CURVA MASCHIO A 90°

ELBOW MALE 90°

Code	Nominal ID in.	Dn	F	LF min	L1	L	H
19CGMP321	1" x 1"	32	1"	19.1	62.5	114	84
19CGMP40114 *	1 ¼" x 1 ¼"	40	1 ¼"	21.4	80	128.5	103
19CGMP50112 *	1 ½" x 1 ½"	50	1 ½"	21.4	90	150	117.5

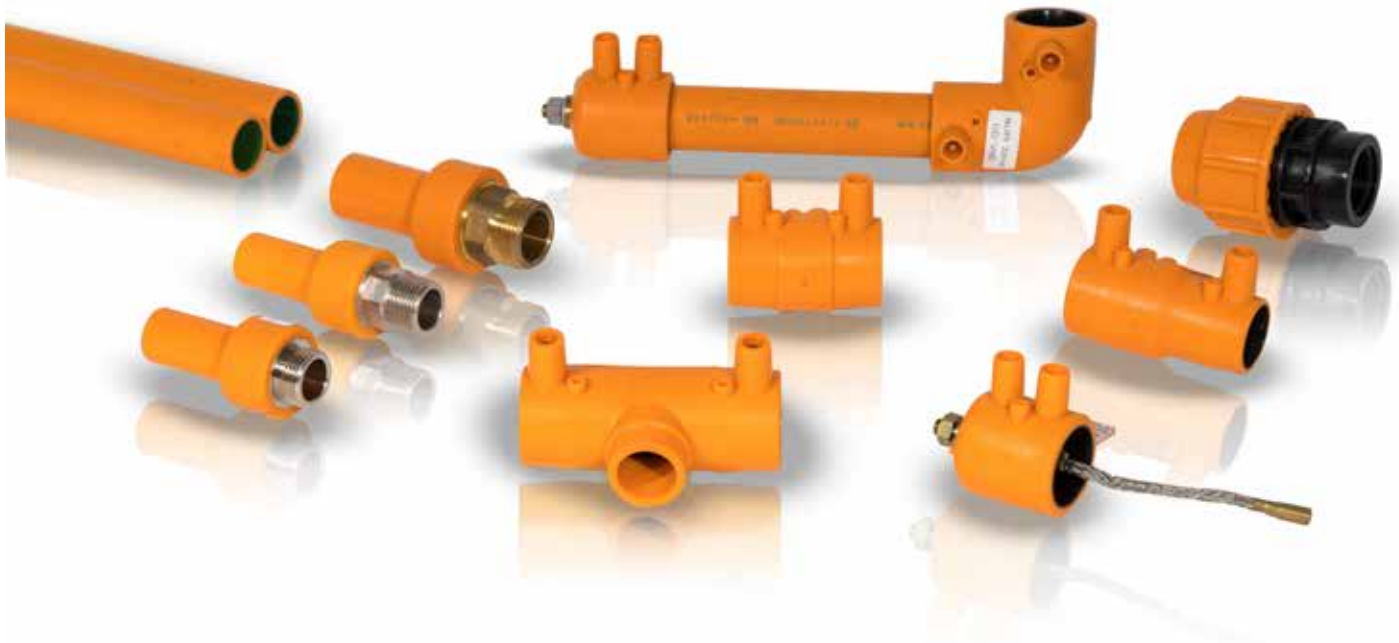


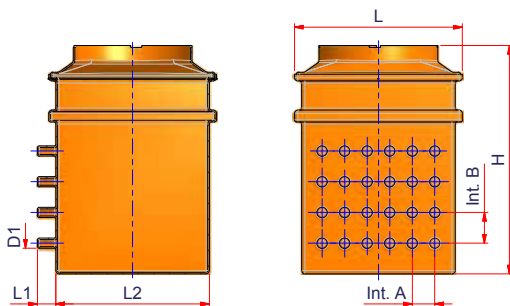
COUDE FEMELLE 90°
 CODO HEMBRA 90°
 WINKEL MIT INNENGEWINDE 90°
 COTOVELO FÊMEA 90°
 CURVA FEMMINA A 90°

ELBOW FEMALE 90°

Code	Nominal OD in.	Dn	F	L1	L	H
19CGFP321	1" x 1"	32	1"	62.5	105.5	79.5
19CGFP40114 *	1 ¼" x 1 ¼"	40	1 ¼"	80	128.5	95
19CGFP50112 *	1 ½" x 1 ½"	50	1 ½"	90	150	109.5

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta

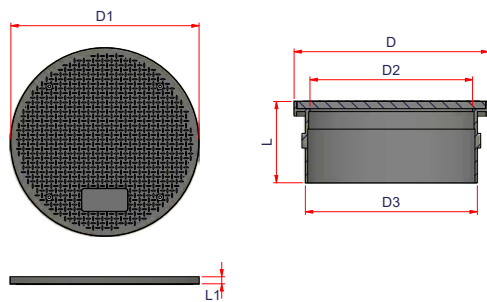




BAC ELECTRIQUE
 TANQUE ELECTRICO
 ELEKTRISCHER SCHACHT
 SUMP ELECTRICO
 POZZETTO ELETTRICO

ELECTRICAL PIT

Code	D1	L1	L2	L	Int. A	Int. B	H
19CEPK7575	50	90	750	820	110	150	1115



TAMPON DE PISTE EN MATÉRIAU COMPOSITE CONFORME EN124 AVEC
 VERROU CAM LOCK - HYDROFUGÉ

TAPA PARA PASO DE HOMBRE DE MATERIAL COMPUESTO EN
 ACUERDO CON EN124 CON CIERRE CAM LOCK - IMPERMEABLE
 WASSERDICHTER SCHACHTDECKEL AUS VERBUNDSTOFF MIT
 ZERTIFIKAT EN124 UND CAM LOCK-VERRIEGELUNG

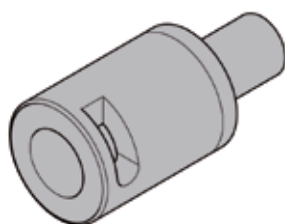
TAMPA PARA POÇO DE INSPECÇÃO EM MATERIAL COMPÓSITO
 EM CONFORMIDADE EN 124 COM FECHAMENTO CAM LOCK -
 IMPERMEÁVEL

CHIUSINO PER PASSO D'UOMO IN MATERIALE COMPOSITO
 IN ACCORDO CON EN 124 CON SERRATURA CAM LOCK -
 IMPERMEABILE

Demonstration image please check the specifications - Image de démonstration
 vérifier les spécifications - Imagen de demostración verifique las especificaciones
 - Demonstrationsbild überprüfen Sie die Spezifikationen - Imagem de demonstração
 verificar as especificações - Immagine dimostrativa verificare le specifiche

COMPOSITE MANHOLE COVER C250 EN 124 LISTED WITH CAM LOCK - RAIN TIGHT

Code	Class EN124	Ø	D	L	D1	L1	D2	D3	Notes
19STAM24WTCL	C250	24"	670	280	650	25	560	592	cover, frame and lock/tampon, cadre et verrou/tapa, marco y cierre/Schachtdeckel, Rahmen und Verriegelung/cobertura, quadro e fechamento/coperchio, telaio, o e serratura



GRATTEUR POUR ERGOTS DU CEP7575
 RASCADOR PARA ESPIGAS DEL CEP7575
 SCHABER FÜR ZAPFEN DEM CEP7575
 RASPADOR PARA ESPICHOS DO CEP7575
 RASCHIETTO PER CODOLI DEL CEP7575

SCRAPER FOR CEP7575 SPIGOTS

Code	Nominal OD in.	Ø mm.	Package (pcs)
19CEPRAT50	1 1/2"	50	1

* available upon request - disponible sur requête - disponible a pedido - verfügbar auf Anfrage - disponível a pedido - disponibile su richiesta



BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on external support and quick guide on paper
- External support USB stick (4GB) for data download (welding report, traceability and pressure test) - **00USBKEY**
- Integrated shipping box
- Barcode scanner
- Adapters with 4,7 mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- **00USBKEY:** External support USB stick (4GB) for data download (welding report, traceability, GPS coordinates and pressure test)
- **00SENS:** Pressure test unit
- **00BCSCAN:** Barcode scanner

AUTOMATIC MULTIFUNCTION WELDING UNIT INCORPORATED IN SUITCASE WITH BARCODE SCANNER - **LIGHT VERSION**

TECHNICAL CHARACTERISTICS:

Conforms with CE requirements
 Conforms with Standard UNI 10566 – MULTIFUNCTION type
 Barcode reader conforming with Standard ISO 13950 and manual setting of time and voltage
 Illuminated display with 4 lines, 20 characters each
 Memory for 10.000 welding cycles
 8 Memories with 500 parameters each for pressure tests
 Fitting working range up to 40 Amp. maximum peak
 Ambient temperature sensor
 Power supply: 230V/115V E 50Hz/60Hz
 Maximum power: 1500 VA
 Minimum power supply: 3 Kw
 Output voltage: from 5 to 42 V
 Power cable: L= 4 m
 Welding cable: L= 4 m
 Connectors - 4 mm (art. 00S8305) with adaptors for 4,7mm (00S8203)
 Dimensions: 510x410xH200 mm
 Weight: 16 kg
 Degree of protection: IP 54
 Working temperature: from -18° to + 55°C

Code	Voltage	Welding Range Ø
19SSEL8404LP/220	230 V	20÷160



Nupi Welding Cloud



BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on external support and quick guide on paper
- External support USB stick (4GB) for data download (welding report, traceability and pressure test) - **00USBKEY**
- Integrated shipping box
- Barcode scanner
- Adapters with 4,7 mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- **00USBKEY:** External support USB stick (4GB) for data download (welding report, traceability, GPS coordinates and pressure test)
- **00SENS:** Pressure test unit
- **00BCSCAN:** Barcode scanner

AUTOMATIC MULTIFUNCTION WELDING UNIT INCORPORATED IN SUITCASE WITH BARCODE SCANNER - **LIGHT VERSION**






TECHNICAL CHARACTERISTICS:

Conforms with CE requirements
 Conforms with Standard UNI 10566 – MULTIFUNCTION type
 Barcode reader conforming with Standard ISO 13950 and manual setting of time and voltage
 Illuminated display with 4 lines, 20 characters each
 Memory for 10.000 welding cycles
 8 Memories with 500 parameters each for pressure tests
 Fitting working range up to 40 Amp. maximum peak
 Ambient temperature sensor
 Power supply: 230V/115V E 50Hz/60Hz
 Maximum power: 1500 VA
 Minimum power supply: 3 Kw
 Output voltage: from 5 to 42 V
 Power cable: L= 4 m
 Welding cable: L= 4 m
 Connectors - 4 mm (art. 00S8305) with adaptors for 4,7mm (00S8203)
 Dimensions: 510x410xH200 mm
 Weight: 16 kg
 Degree of protection: IP 54
 Working temperature: from -18° to + 55°C

Code	Voltage	Welding Range Ø
19SMARTWELDLIGHT/220	230 V	20÷160

ELECTROFUSION FITTING ASSEMBLY INSTRUCTIONS

Tools and equipment necessary for electrofusion assembly:

1		Primer OOLID1	4		Marker OOMARK
2		Soft cloth	5		Welding unit 19SSEL8404LP or 19SMARTWELDLIGHT + manual scraper OORAM1 + revolving scraper OORATOR20075
3		Conduit cutter OOSCU1			

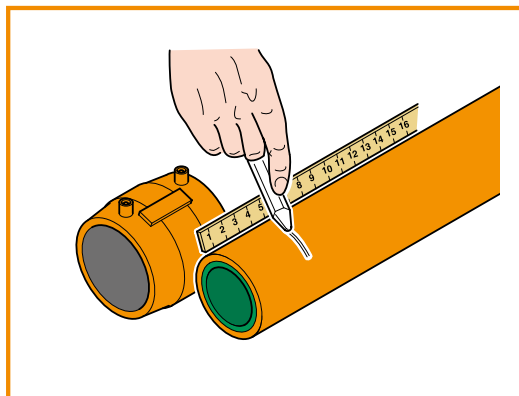
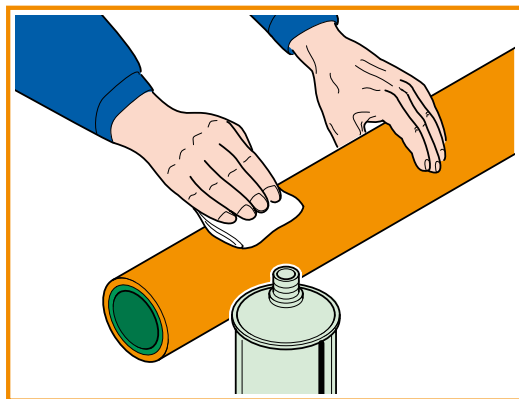
WARNING: electrofusion welding is not permitted where vapour is present.

Check that the conduit ends have been protected by the caps.

If this is not the case, remove the first 2" (5 cm) of the conduit. This should be carried out using the correct conduit cutter to ensure a clean, burr-free cut at 90° to the conduit.

WARNING: a non-perpendicular cut prevents the complete insertion of the conduit. Consequently, molten material will enter the conduit interior during welding.

- 1 - Clean the parts to be welded; eliminate any traces of dust, mud, grease or anything else using a clean natural fibre (cotton) cloth. Never, under any circumstances, use sand paper, files, knives or makeshift tools.
- 2 - Mark the insertion length on both conduit ends.
- 3 - Clean the conduit ends and the fitting with recommended cleaning solvent and avoid any contact of the cleaned surfaces to be welded with bare or gloved hands or dirty rags.
- 4 - Insert the coupler, elbow or tee onto the conduit until it reaches its stop point.
- 5 - A loose fit between the conduit and the fitting should be of no concern. The thermal expansion occurring during welding will accommodate tolerances.
- 6 - Insert the other conduit, or spigot fitting, into the electrofusion fitting, check the assembly with the insertion lengths previously marked. It is important to align assemblies. It is also advisable to level the conduits where possible.
- 7 - You can now commence welding. Connect the leads to the electrofusion fitting, swipe the barcode hand scanner on the fitting bar code and proceed according to the instructions shown on the welding unit display.
- 8 - Do not move the assembly till the cooling time is reached.

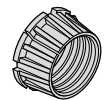
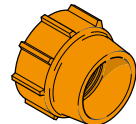


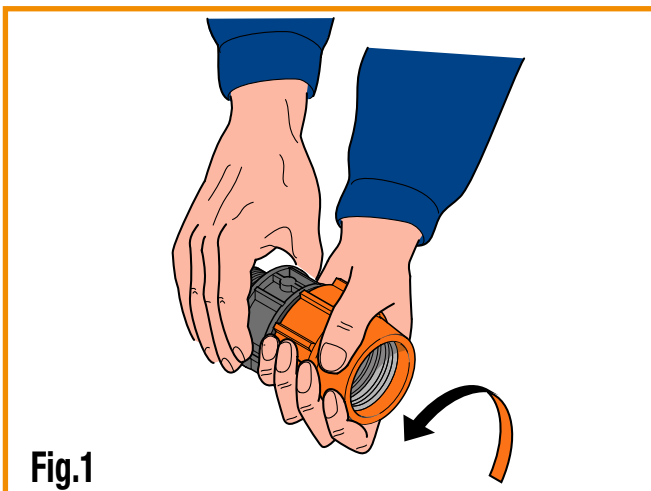
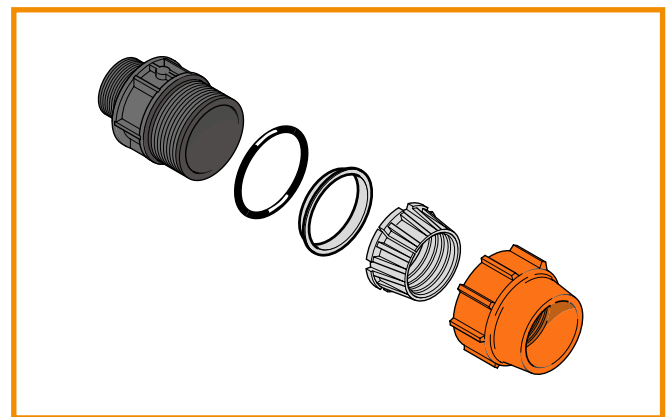
Warning: avoid touching the assembly during and immediately after the fusion process as the fitting surface can be very hot.

COMPRESSION FITTING ASSEMBLY INSTRUCTIONS

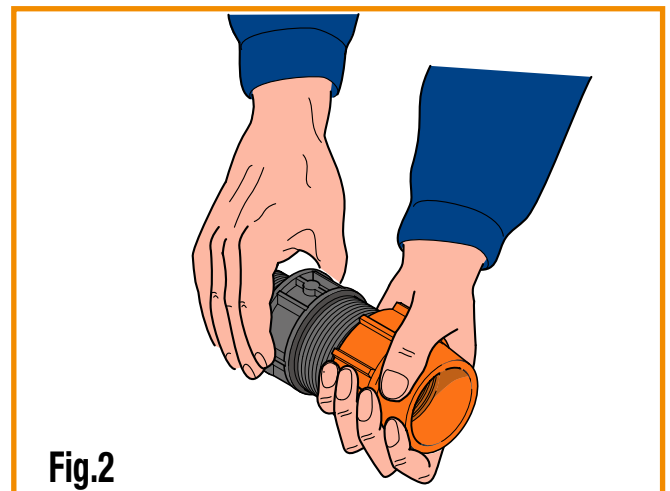
Component description:

<p>1</p> 	<p>Wrench 00CHIAVE032 00CHIAVE040 00CHIAVE050</p>
<p>2</p> 	<p>Fitting body</p>
<p>3</p> 	<p>O-Ring</p>
<p>4</p> 	<p>Thrust ring</p>

<p>5</p> 	<p>Circular conduit retainer</p>
<p>6</p> 	<p>Retaining nut</p>



Shown here as fully assembled.
Loosen the retaining nut and the circular conduit retainer.



Shown here as loosened on fitting body.

COMPRESSION FITTING ASSEMBLY INSTRUCTIONS

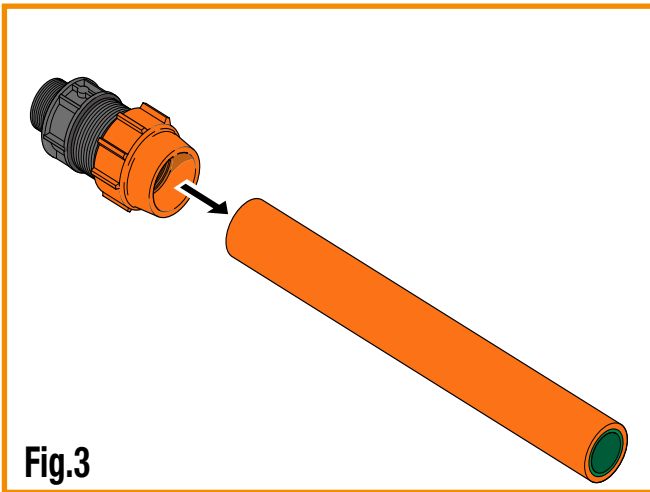


Fig.3

Push fitting firmly onto the conduit past the o-ring until it reaches the stop inside the fitting body.

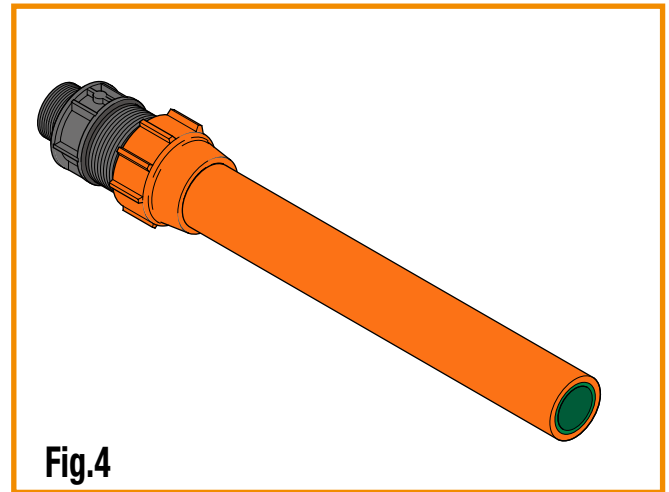


Fig.4

Fitting inserted into conduit.

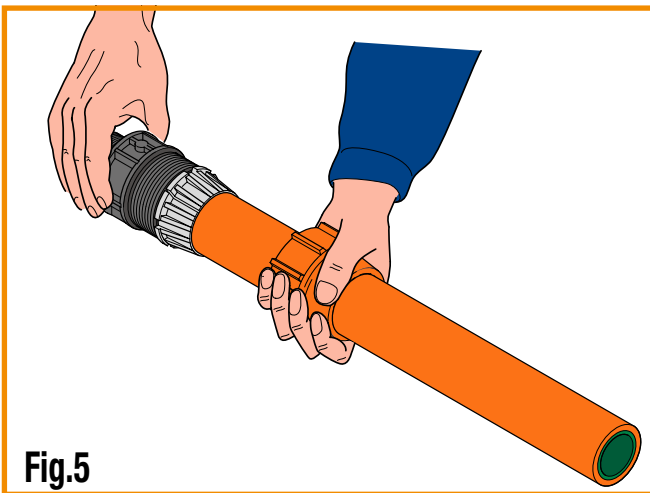


Fig.5

Undo the retaining nut completely and slide back along conduit to confirm that the circular conduit retainer is seated on the fitting body.

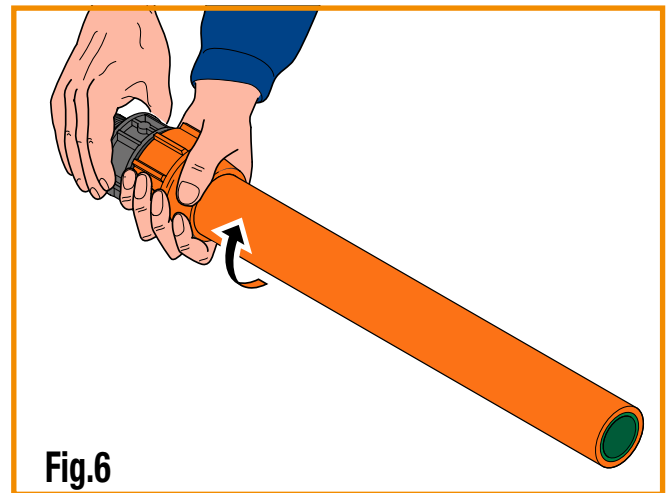


Fig.6

Tighten the retaining nut by hand as far as it will go.

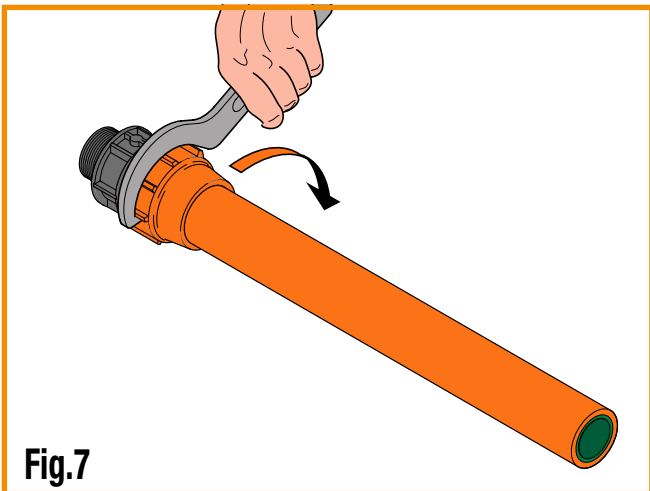
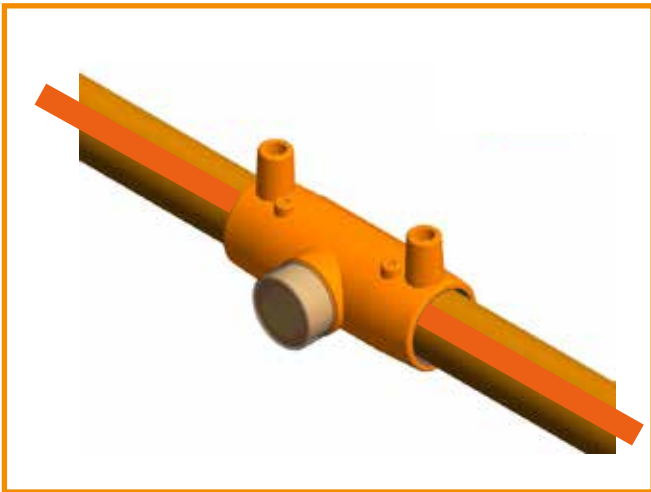


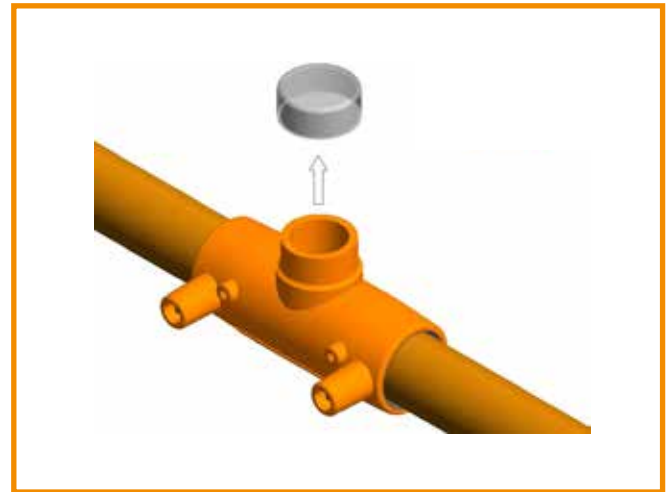
Fig.7

ELECTROFUSION VAPOUR SEAL INSTRUCTIONS

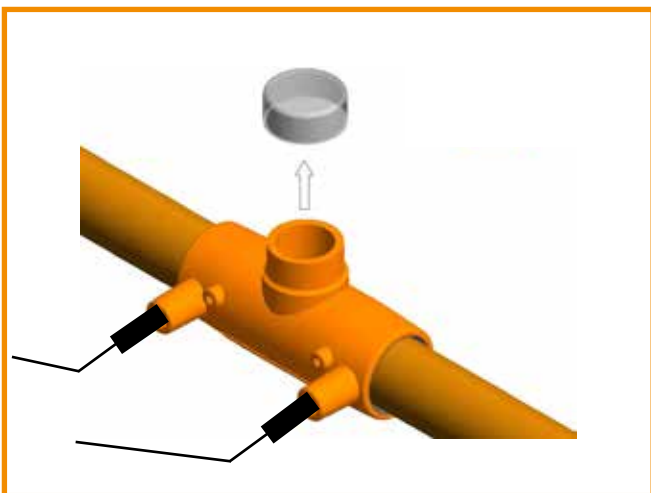
The CMEL32 is used in conjunction with an approved vapour sealing compounds (EG: CABAC GAM80/ Crouse-Hinds Chico A) and a stuffing medium or Chico Speedseal to seal cables, data and optical lines when used with Smartconduit TCON32 conduit ducting and fittings. This creates a vapour barrier around the cable or optical line stopping the transfer of vapours or gases from the Hazardous area to inside the Safe Area Pit where the cable or data lines transit. The termination of other equipment can be carried out with the addition of Smartconduit adaptors in conjunction with the seal.



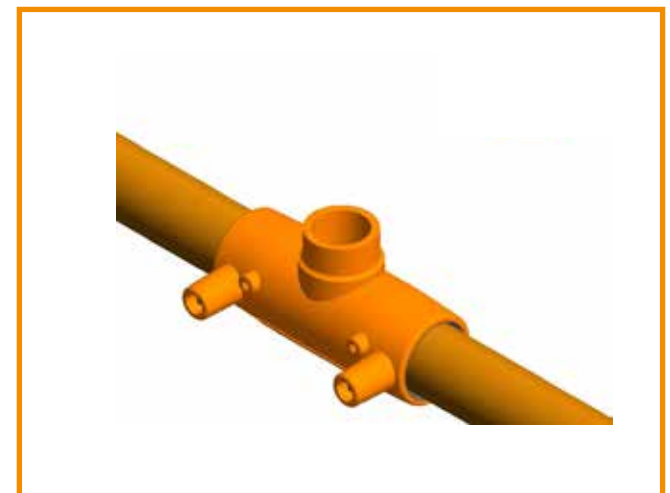
Follow the local wiring requirements make sure that the cable to be sealed passes all the way through the seal, conduit ducting, connected fittings and hoses before commencing welding or proceeding with the compound filling.



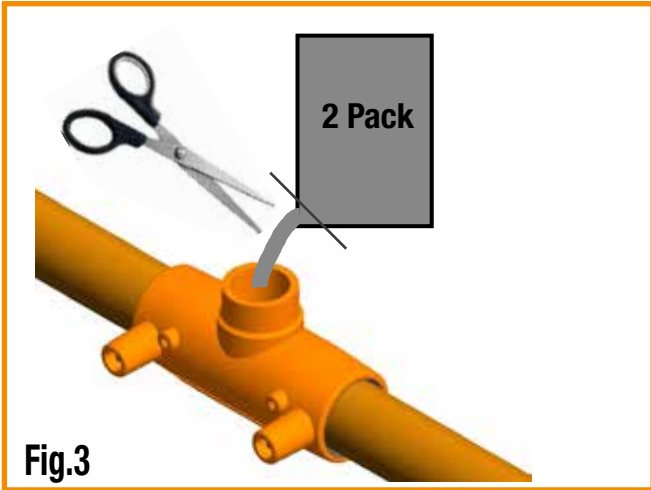
Remove the clear cap from the CMEL32 riser by pulling it upward.



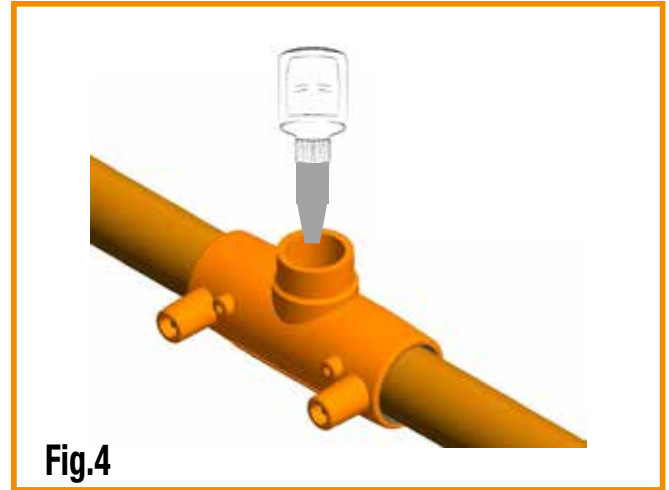
Connect the leads from the Nupi Multi-Function Electro-fusion machine to the connection pins on the CMEL32. Following the Smartconduit installation guide for Electro fusion welding Weld the seal to the conduit duct.



With Cap removed, install the recommended stuffing material (eg: ChicoX) at each end of the vapour seal making sure it envelopes the cable.



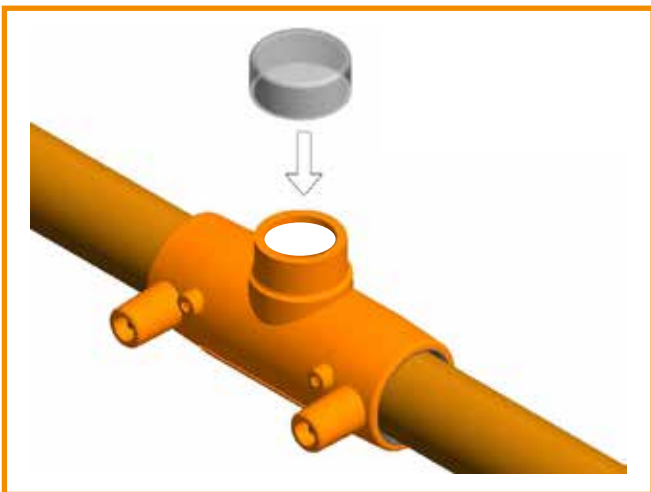
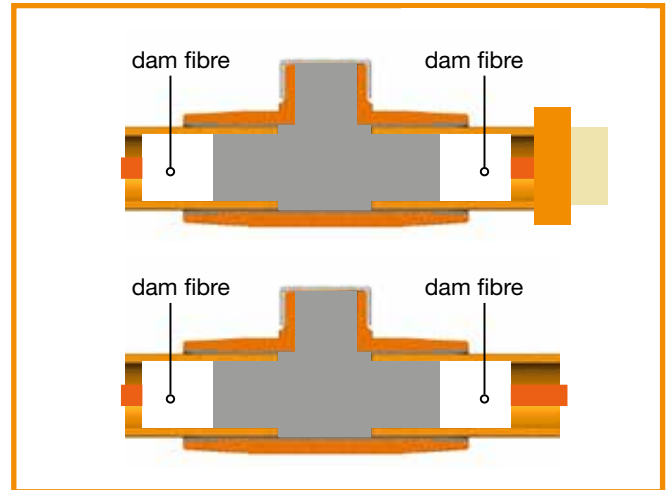
Fill the seal with the appropriate amount of recommended mixture of 2-part compound, following the manufacturer's instructions.



Alternative: Fill the seal with the appropriate amount of premix compound, following the compound manufacturer's instructions. (Crouse Hinds Chico Speedseal is shown being injected)



Ensure that the compound has filled the seal to the required level in accordance to the compound Manufacturer's instructions. Make sure that the seal is filled completely into the riser.



Push the clear cap back onto the riser of the CME32.



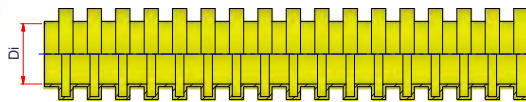
SMART*lpg*



TUYAU POUR LE TRANSPORT DE GAZ GPL - PN 35 bar
 TUBO PARA EL TRANSPORTE DE GAS LPG - PN 35 bar
 ROHR FÜR DEN TRANSPORT VON LPG - PN 35 bar
 TUBO PARA O TRANSPORTE DE GÁS GPL - PN 35 bar
 TUBO PER IL TRASPORTO DI GAS GPL - PN 35 bar

PIPE FOR THE TRANSPORT OF LPG GAS - PN 35 bar

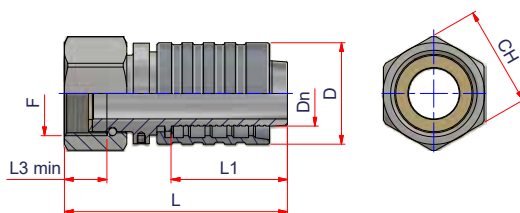
Code	ø	Package (m)	Di	De	Weight (kg/m)	Notes
19TGSMA20R500	20	500	20	26	0,23	Coils - couronnes - rollos Rollen - bobinas - rotoli
19TGSMA25R400	25	400	25	32	0,39	Coils - couronnes - rollos Rollen - bobinas - rotoli
19TGSMA32R250	32	250	32	40	0,49	Coils - couronnes - rollos Rollen - bobinas - rotoli



TUYAU ONDULÉ
 TUBO CORRUGADO
 WELLROHR
 TUBO CORRUGADO
 TUBO CORRUGATO

CORRUGATED PIPE

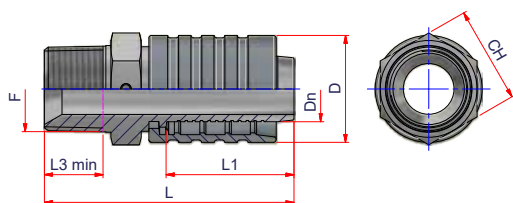
Code	ø	Package (m)	Di	Notes
19TGSCOR63	63	50	63	Stiffness 450 Newton - Rigidité 450 Newton Rigidez 450 Newton - Steifigkeit 450 Newton Rigidez 450 Newton - Rigidità 450 Newton



ADAPTATEUR FEMELLE A EMBOUT LIBRE
 ADAPTADOR HEMBRA CON TUERCA LOCA
 BUCHSENADAPTER MIT FREIER NUTMUTTER
 ADAPTADOR FÊMEA COM PORCA LOUCA
 ADATTATORE FEMMINA CON GHIERA LIBERA

FEMALE SWIVEL ADAPTER

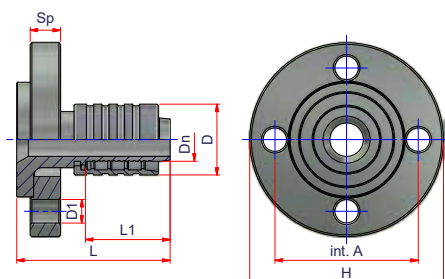
Code	ø	Dn	F	L3 min	L1	L	D	CH	Notes
19TGSAFSW2034BSPPCM	20	20	3/4" BSPP	12,0	38	-	42	27	Parallel thread for coupling with conical head ISO228 filetage parallèle pour accouplement avec tête conique ISO228 rosca paralela para acoplamiento con cabeza cónica ISO228 Parallelgewinde für Kupplung mit Kegelkopf ISO228 Rosca paralela para acoplamiento com extremidade cônica ISO228 filettatura parallela per accoppiamento con ogiva conica ISO228
19TGSAFSW251BSPPCM	25	25	1" BSPP	12,0	50	96,5	42	38	
19TGSAFSW32114BSPPCM	32	32	1 1/4" BSPP	12,0	57,7	111	50,5	50	



RACCORD TERMINAL FILETÉ MÂLE EN ACIER ALLIÉ
 UNIÓN TERMINAL ROSCA MACHO DE ACERO ALEADO
 END-FITTING MIT AUSSENGEWINDE AUS STAHLLEGIERUNG
 UNIÃO TERMINAL ROSCA MACHO EM LIGA
 RACCORDO TERMINALE FILETATTO MASCHIO IN LEGA DI ACCIAIO

MALE THREADED TERMINATING FITTING ALLOY STEEL

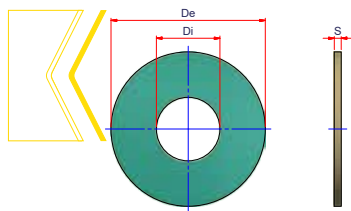
Code	ø	Dn	F	L3 min	L1	L	D	CH	Notes
19TGSAM2034BSPPCM	20	20	3/4" BSPP	13,9	38	70	42	27	Parallel thread for coupling with conical head ISO228 filetage parallèle pour accouplement avec tête conique ISO228 rosca paralela para acoplamiento con cabeza cónica ISO228 Parallelgewinde für Kupplung mit Kegelpfopf ISO228 Rosca paralela para acoplamiento con extremidade cónica ISO228 filettatura parallela per accoppiamento con ogiva conica ISO228
19TGSAM2034BSPTCM	20	20	3/4" BSPT	14,5	38	72,8	42	27	Conical thread UNI EN10226 - filet conique UNI EN10226 rosca cónica UNI EN10226 - konisches Gewinde UNI EN10226 rosca cónica UNI EN10226 - filettatura conica UNI EN10226
19TGSAM2034NPTCM	20	20	3/4" NPT	14,0	38	72,8	42	27	Conical thread - filet conique rosca cónica - konisches Gewinde rosca cónica - filettatura conica
19TGSAM2534NPTCM	25	25	3/4" NPT	13,8	50	94,5	42	38	Conical thread - filet conique rosca cónica - konisches Gewinde rosca cónica - filettatura conica
19TGSAM251BSPPCM	25	25	1" BSPP	16,8	50	94	42	38	Parallel thread for coupling with conical head ISO228 filetage parallèle pour accouplement avec tête conique ISO228 rosca paralela para acoplamiento con cabeza cónica ISO228 Parallelgewinde für Kupplung mit Kegelpfopf ISO228 Rosca paralela para acoplamiento con extremidade cónica ISO228 filettatura parallela per accoppiamento con ogiva conica ISO228
19TGSAM251BSPTCM	25	25	1" BSPT	16,8	50	98	42	38	Conical thread UNI EN10226 - filet conique UNI EN10226 rosca cónica UNI EN10226 - konisches Gewinde UNI EN10226 rosca cónica UNI EN10226 - filettatura conica UNI EN10226
19TGSAM251NPTCM	25	25	1" NPT	17,4	50	98	42	38	Conical thread - filet conique rosca cónica - konisches Gewinde rosca cónica - filettatura conica
19TGSAM32114BSPPCM	32	32	1"1/4 BSPP	19,0	57,7	98	50,5	50	Parallel thread for coupling with conical head ISO228 filetage parallèle pour accouplement avec tête conique ISO228 rosca paralela para acoplamiento con cabeza cónica ISO228 Parallelgewinde für Kupplung mit Kegelpfopf ISO228 Rosca paralela para acoplamiento con extremidade cónica ISO228 filettatura parallela per accoppiamento con ogiva conica ISO228
19TGSAM32114BSPTCM	32	32	1"1/4 BSPT	19,1	57,7	108	50,5	50	Conical thread UNI EN10226 - filet conique UNI EN10226 rosca cónica UNI EN10226 - konisches Gewinde UNI EN10226 rosca cónica UNI EN10226 - filettatura conica UNI EN10226
19TGSAM32114NPTCM	32	32	1"1/4 NPT	18,0	57,7	108	50,5	50	Conical thread - filet conique rosca cónica - konisches Gewinde rosca cónica - filettatura conica



KIT BRIDE (BRIDE + COLLET + JOINT)
 KIT BRIDA (BRIDA + CASQUILLO + JUNTA)
 FLANSCH-KIT (FLANSCH + ENDSTUTZEN + DICHTUNG)
 KIT FLANGE (FLANGE + COLARINHO + JUNTA)
 KIT FLANGIA (FLANGIA + CARTELLA + GUARNIZIONE)

KIT FLANGE (FLANGE + STUB END + GASKET)

Code	ø	Dn	L1	L	D	Sp	H	int. A	D1	N° fori	Notes
19TGSFLAK20	20	20	38	-	42	-	-	-	-	-	Available soon - bientôt disponible disponible en breve - in Kürze verfügbar disponível em breve - disponibile a breve
19TGSFLAK25	25	25	50	91	42	18	115	85	14	4	
19TGSFLAK32	32	32	57,7	103,5	50,5	20	140	100	18	4	



JOINT KLINGERSIL C 4430
 JUNTA KLINGERSIL C 4430
 KLINGERSIL-DICHTUNG C 4430
 JUNTA KLINGERSIL C 4430
 GUARNIZIONE KLINGERSIL C 4430

KLINGERSIL C 4430 GASKET

Code	ø	De	Di	S	Notes
00TGSGUA20	20	-	-	-	Available soon - bientôt disponible disponible en breve - in Kürze verfügbar disponível em breve - disponibile a breve
00TGSGUA25	25	68	28	3	
00TGSGUA32	32	78	36	3	



KIT BOULONS
 KIT PERNOS
 SCHRAUBENBOLZEN-KIT
 KIT PARAFUSOS
 KIT BULLONI



COUPE-TUBE
 CORTA-TUBO
 ROHRABSCHNEIDER
 CORTA-TUBO
 TAGLIATUBO

BOLT KIT

Code	Note
19TGSCFKIT	

CUTTER

Code	ø	Note
19SCUT3	20 ÷ 40	
19SLRCUT		Spare blade - lame de rechange cuchilla de repuesto - Ersatzklinge lâmina sobressalente - lama di ricambio



NETTOYANT POUR MÉTAUX
 LIMPIADOR DE METALES
 METALLREINIGER
 DETERGENTE PARA METAIS
 DETERGENTE PER METALLI



SCELLANT
 SELLADOR
 DICHTMITTEL
 SELANTE
 SIGILLANTE

METAL CLEANER

Code	Note
19TGSMC	50 cc

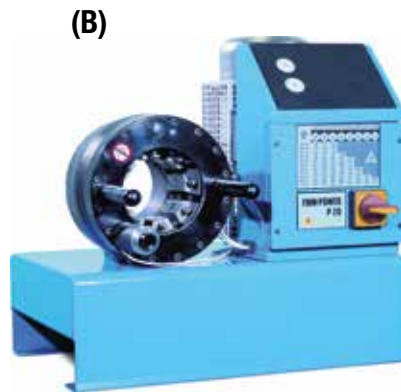
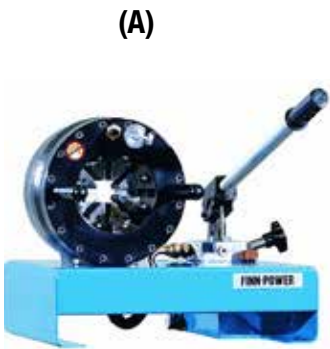
SEALER

Code	Note
19TGSSF	50 cc

PRODUCTIONS ON REQUEST AND PRODUCT CUSTOMIZATIONS

PRODUCTIONS SUR DEMANDE ET PERSONNALISATIONS DE PRODUITS - PRODUCCIONES BAJO PEDIDO Y PERSONALIZACIONES DEL PRODUCTO
 PRODUKTIONEN AUF ANFRAGE UND INDIVIDUELLE PRODUKTGESTALTUNG - PRODUÇÕES SOB ENCOMENDA E PERSONALIZAÇÕES DO PRODUTO
 LAVORAZIONI SU RICHIESTA E PERSONALIZZAZIONI DEL PRODOTTO

Code	Description
19TGSMA	<ul style="list-style-type: none"> CUSTOMIZED PIPE CUTTING - COUPE DE TUYAU PERSONNALISÉE - CORTE DE TUBOS PERSONALIZADO - MASSGERECHTER ZUSCHNITT DER ROHRLEITUNGEN - CORTE DAS TUBULAÇÕES SOB MEDIDA - TAGLIO DELLE TUBAZIONI A MISURA PIPE TEST - ESSAI DU TUYAU - PRUEBA DEL TUBO - ROHRTEST - TESTE TUBO - TEST TUBO
19TGCUSTOMLENGTH	<ul style="list-style-type: none"> CUSTOMIZED PIPE CUTTING - COUPE DE TUYAU PERSONNALISÉE - CORTE DE TUBOS PERSONALIZADO - MASSGERECHTER ZUSCHNITT DER ROHRLEITUNGEN - CORTE DAS TUBULAÇÕES SOB MEDIDA - TAGLIO DELLE TUBAZIONI A MISURA PACKAGING - EMBALLAGE - EMBALAJE - VERPACKUNG - EMBALAGEM - IMBALLAGGIO
19TGSPREASSCOMP	<ul style="list-style-type: none"> CUSTOMIZED PIPE CUTTING - COUPE DE TUYAU PERSONNALISÉE - CORTE DE TUBOS PERSONALIZADO - MASSGERECHTER ZUSCHNITT DER ROHRLEITUNGEN - CORTE DAS TUBULAÇÕES SOB MEDIDA - TAGLIO DELLE TUBAZIONI A MISURA CRIMPING OF TWO FITTINGS - SERTISSAGE DE DEUX RACCORDS - CRIMPADO DE DOS ACCESORIOS - CRIMPEN VON ZWEI FITTINGS - CRIMPAGEM DE DUAS UNIÕES - CRIMPATURA DI DUE RACCORDI PRESSURE TEST AT 50 bar - ESSAI DE PRESSION À 50 BARS - PRUEBA DE PRESIÓN A 50 BARES - DRUCKTEST BEI 50 BAR - TESTE SOB PRESSÃO A 50 BAR - TEST IN PRESSIONE A 50 BAR PACKAGING - EMBALLAGE - EMBALAJE - VERPACKUNG - EMBALAGEM - IMBALLAGGIO
19TGSPREASS	<ul style="list-style-type: none"> CUSTOMIZED PIPE CUTTING - COUPE DE TUYAU PERSONNALISÉE - CORTE DE TUBOS PERSONALIZADO - MASSGERECHTER ZUSCHNITT DER ROHRLEITUNGEN - CORTE DAS TUBULAÇÕES SOB MEDIDA - TAGLIO DELLE TUBAZIONI A MISURA CRIMPING OF TWO FITTINGS - SERTISSAGE DE DEUX RACCORDS - CRIMPADO DE DOS ACCESORIOS - CRIMPEN VON ZWEI FITTINGS - CRIMPAGEM DE DUAS UNIÕES - CRIMPATURA DI DUE RACCORDI PACKAGING - EMBALLAGE - EMBALAJE - VERPACKUNG - EMBALAGEM - IMBALLAGGIO



MACHINE À SERTIR
MÁQUINA DE PRENSADO
CRIMPMASCHINE
MÁQUINA DE CRIMPAGEM
CRIMPATRICE

CRIMPING MACHINE

Code	Type	Description
	(A)	
	MANUAL	
19TGSMM	MANUELLE MANUAL MANUELL MANUAL MANUALE	P20HP - 137 TON max OD 61 mm
	(B)	
	ELECTRIC	
19TGSME	ELECTRIQUE ELÉCTRICA ELEKTRISCH ELÉTRICA ELETTRICA	P20X - 137 TON max OD 61 mm
	(B)	
	ELECTRIC	
19TGSMEEXTRA	ELECTRIQUE ELÉCTRICA ELEKTRISCH ELÉTRICA ELETTRICA	P32X - 200 TON max OD 84 mm

Delivery time = 90 days - Délai de livraison = 90 jours - Plazo de entrega = 90 días - Lieferzeit = 90 - Tage - Prazos de entrega = 90 dias - Tempi di consegna = 90 giorni

ACCESSORIES AND SPARE PARTS

ACCESSOIRES ET PIÈCES DE RECHANGE - ACCESORIOS Y REPUESTOS
 ZUBEHÖR UND ERSATZTEILE - ACESSÓRIOS E PEÇAS DE REPOSIÇÃO
 ACCESSORI E RICAMBI

Code	Description	Notes
19TGSMC20DIESET	Die set for fitting DN20 Jeu de matrices pour raccords DN20 Juego de matrices para accesorios DN20 Matriz für Fittings DN20 Matriz para uniões DN20 Matrice per raccordi DN20	
19TGSMC25DIESET	Die set for fitting DN25 Jeu de matrices pour raccords DN25 Juego de matrices para accesorios DN25 Matriz für Fittings DN25 Matriz para uniões DN25 Matrice per raccordi DN25	
19TGSMC32DIESET	Die set for fitting DN32 Jeu de matrices pour raccords DN32 Juego de matrices para accesorios DN32 Matriz für Fittings DN32 Matriz para uniões DN32 Matrice per raccordi DN32	
19TGSMAPNP20SS	Go/no go gauge for fitting DN20 Jauge go/no go pour raccords DN20 Calibre go/no go para accesorios DN20 Gut-/Ausschusslehre für Fittings DN20 Gabarito passa/não passa para uniões DN20 Calibro passa/non passa per raccordi DN20	Stainless Steel Acier inoxydable Acero inoxidable Rostfreier Stahl Aço inoxidável Acciaio inossidabile
19TGSMAPNP25SS	Go/no go gauge for fitting DN25 Jauge go/no go pour raccords DN25 Calibre go/no go para accesorios DN25 Gut-/Ausschusslehre für Fittings DN25 Gabarito passa/não passa para uniões DN25 Calibro passa/non passa per raccordi DN25	Stainless Steel Acier inoxydable Acero inoxidable Rostfreier Stahl Aço inoxidável Acciaio inossidabile
19TGSMAPNP32SS	Go/no go gauge for fitting DN32 Jauge go/no go pour raccords DN32 Calibre go/no go para accesorios DN32 Gut-/Ausschusslehre für Fittings DN32 Gabarito passa/não passa para uniões DN32 Calibro passa/non passa per raccordi DN32	Stainless Steel Acier inoxydable Acero inoxidable Rostfreier Stahl Aço inoxidável Acciaio inossidabile

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I materiali metallo-plastici vanno smaltiti attraverso ditte autorizzate. Non disperdere questo materiale nell'ambiente.

NOTES:

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RECOMMENDATIONS FOR WASTE DISPOSAL

Metal and plastic material must be disposed of by authorized companies only. Dispose of responsibly.

GENERAL SALES TERMS

1 PROVISIONS OF THE CONTRACT

The purchase and sale of the goods and services relating to the SMARTFLEX Piping System (collectively, "Products») by NUPI INDUSTRIE ITALIANE is governed by, and subject to, the following terms, covenants and conditions.

2 TERMS AND MEANS OF PAYMENT

The purchase price shown on the invoice issued by NUPI INDUSTRIE ITALIANE in connection with the purchase and sale of the products described therein is due and payable by the purchaser on or before the date, and in the manner, provided for under such invoice. Interest shall accrue on all past due balances at the annual rate equal to the EURIBOR current at the time, plus 8%, until such invoice amounts, and accrued previously unpaid interest, have been paid in full.

All prices on any document or correspondence issued by NUPI INDUSTRIE ITALIANE shall be understood to be in Euro. Any and all sums due and payable hereunder, or under any invoice, shall be due and payable at the offices of NUPI INDUSTRIE ITALIANE in Busto Arsizio, Italy.

3 TERMS OF DELIVERY

The products covered by the terms of an order accepted and confirmed in accordance with the provisions of Paragraph 5 hereof, shall be shipped to the purchaser on the terms and conditions set forth and established on the order acknowledgement issued by NUPI INDUSTRIE ITALIANE. While NUPI INDUSTRIE ITALIANE will undertake reasonable efforts to comply with purchaser's requested shipping dates, no provision of these terms of sale, the order acknowledgement, or any other agreement between purchaser and NUPI INDUSTRIE ITALIANE be interpreted to (i) constitute NUPI INDUSTRIE ITALIANE guarantee of specific shipping dates; or (ii) impose any liability for damages, including without limitation any consequential and/or exemplary damages, on the part of NUPI INDUSTRIE ITALIANE in the event of NUPI INDUSTRIE ITALIANE's delayed performance under this agreement or in connection with the delayed shipment, or delivery, of the products.

4 RESERVATION OF SECURITY INTEREST

NUPI INDUSTRIE ITALIANE hereby reserves a purchase money security interest in the products provided hereunder, or any other agreement between purchaser and NUPI INDUSTRIE ITALIANE, to secure the payment and performance of purchaser's payment obligations hereunder.

Any provision of the terms of sale, the order confirmation or any other agreement between purchaser and NUPI INDUSTRIE ITALIANE to the contrary notwithstanding, any and all risks of loss of the products, and any and all other risks associated with the products, are, and shall be, transferred to, and assumed by, the purchaser on the date of shipping of such products by NUPI INDUSTRIE ITALIANE.

In the event of purchaser's payment default, NUPI INDUSTRIE ITALIANE may, in addition to any other remedies at law or otherwise, reclaim the products and /or retain any and all sums previously paid by, or on behalf of, purchaser for such products.

Any default by purchaser under the terms hereof shall, at NUPI INDUSTRIE ITALIANE's option, constitute an event of default under any other agreement to which purchaser and NUPI INDUSTRIE ITALIANE are parties.

5 ORDER ACCEPTANCE

No order from a purchaser shall become binding upon NUPI INDUSTRIE ITALIANE unless expressly accepted, and confirmed, in writing by NUPI INDUSTRIE ITALIANE, within five (5) days after receipt of order. Orders and/or modifications of orders which have been made orally or by telephone must be confirmed in writing by the purchaser and the same shall not become binding upon NUPI INDUSTRIE ITALIANE unless approved and confirmed, in writing, by NUPI INDUSTRIE ITALIANE.

6 PRODUCT ACCEPTANCE

Any claim or objection concerning one or more products acquired pursuant to these terms of sale, the order confirmation or any other agreement between the purchaser and NUPI INDUSTRIE ITALIANE must be in writing, and received by NUPI INDUSTRIE ITALIANE within ten days after delivery of such products to purchaser, otherwise the products shall be deemed to have been accepted.

7 PRODUCT COMPLIANCE AND WARRANTY

Subject to the provisions of paragraphs 9 and 10 hereof, NUPI INDUSTRIE ITALIANE guarantees that the products comply with the technical specifications stipulated in the order confirmation, and the technical specifications published by NUPI INDUSTRIE ITALIANE covering the products in effect on the shipping date of such products.

8 PRODUCT INSTALLATION AND LIABILITY

The performance and the cost for product installation is the responsibility of the purchaser. Accordingly, the purchaser assumes all responsibility for compliance with (and liability for failure to comply with) any and all applicable statutes, laws, rules and regulations relating to the suitability, compliance and safety of the products and the installation, the use of the products, the site at which the products will be installed and utilized, and the ultimate user of the products. Installation of the products must be performed by qualified installers who have been trained and certified by NUPI INDUSTRIE ITALIANE and whose work complies in all respects with the specifications and installation standards promulgated by NUPI INDUSTRIE ITALIANE. Accordingly, the purchaser further assumes all liability resulting from the purchaser's failure to provide copies of such specifications and installation standards and the brochures and other written materials covering the same to such installation personnel. Purchaser shall defend, indemnify and hold NUPI INDUSTRIE ITALIANE harmless from and against any and all claims, actions, damages, costs (including costs of litigation and settlement) arising, or alleged to have arisen in connection with any and all damages caused by, or resulting from any improper installation, lack of maintenance or improper use of the products.

GENERAL SALES TERMS

9 WARRANTY

NUPI INDUSTRIE ITALIANE warrants that products sold by it which are incorporated in its SMARTFLEX Piping System shall be of good materials and workmanship and free from functional defects for a period of thirty (30) years from the date of sale, excepting valves, flex connectors, entry, terminating and test rubber boots, test tubes, gaskets and o-rings and products containing electrical components, which shall be of good materials and workmanship and free from functional defects for a period of two (2) years from the date of sale; provided that such products are properly installed in accordance with NUPI INDUSTRIE ITALIANE's specifications and published instructions by qualified installers who have been trained and certified by NUPI INDUSTRIE ITALIANE. These respective warranties shall become immediately null and void if the products to which they apply: (i) are employed in above-ground applications; (ii) are installed by anyone other than an installer trained by NUPI INDUSTRIE ITALIANE; or (iii) are installed in a manner which fails to comply with NUPI INDUSTRIE ITALIANE's written installation instructions.

AS THE SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF THE LIMITED WARRANTIES SET FORTH ABOVE, NUPI INDUSTRIE ITALIANE WILL REPLACE NONCONFORMING GOODS OR REFUND THE PURCHASE PRICE. THESE LIMITED WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THESE LIMITED WARRANTIES ARE ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF NUPI INDUSTRIE ITALIANE, WHETHER ALLEGED TO HAVE ARISEN BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, INSTALLATION, USE OR FUNCTION OF NUPI INDUSTRIE ITALIANE'S PRODUCTS, INCLUDING, WITHOUT LIMITATION, CLAIMS OF NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL NUPI INDUSTRIE ITALIANE BE LIABLE FOR PERSONAL INJURY OR DAMAGE TO REAL OR PERSONAL PROPERTY ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, DOWNTIME, CLEANUP, REMEDIATION, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE, LOSS OF PROFITS, LOSS OF PRODUCTION, OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES.

No person is authorized by NUPI INDUSTRIE ITALIANE to accept for it any other liability of any kind in connection with the sale or use of products sold and/or marketed by it.

10 RETURN MATERIALS POLICY

Any provision of these terms of sale to the contrary notwithstanding, no purchaser shall be authorized to return any products to NUPI INDUSTRIE ITALIANE unless:

- * NUPI INDUSTRIE ITALIANE authorizes the return of the products in writing;
- * The products are returned to such address specified by NUPI INDUSTRIE ITALIANE prepaid freight in original packaging and accompanied by copy of the return authorization and
- * The return of the products will result in the issuance by NUPI INDUSTRIE ITALIANE of a credit which may be utilized by the purchaser for future purchases of products, from which credit shall be deducted a restocking charge in an amount equal to twenty per cent (20%) of the purchase price of the returned products.

11 GOVERNING LAW

All disputes arising between the parties to this contract, except for those involving payment of the amounts under the supply invoices, shall be settled under the Arbitration Rules and Internal Rules (current at the time the request is submitted) of the European Court of Arbitration, which is part of the European Arbitration Centre, with offices in Strasburg, without any right to review the first level decision taken by an Arbitration Court of Appeal.



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