

The background features a stylized American flag with stars and stripes, set against a dark field with white technical lines and circular patterns. At the bottom, there is a glowing yellow liquid-like effect with horizontal lines.

# **FDB** Hydraulic

**DRY-FIT ONE PIECE**  
Fittings

**DRY-SPIRAL ONE PIECE**  
Fittings

**WATERBLAST**  
Fittings



website: [www.fb-channel.net](http://www.fb-channel.net)

Edition USA: 2017

# The future follows Us

F.B. Hydraulic is a leading company in the production of hydraulic fittings, assembled hoses and rigid pipes.

F.B. Hydraulic, azienda leader nella produzione di raccorderia per oleodinamica, nell'assemblaggio di tubi flessibili raccordati e tubi rigidi sagomati.



**DRY-FIT ONE PIECE FITTINGS  
WIRE BRAIDED HOSES  
RACCORDI DRY-FIT ONE PIECE  
PER TUBI TRECCIATI**



**DRY-SPIRAL ONE PIECE FITTINGS  
SPIRAL HOSES  
RACCORDI DRY-SPIRAL ONE PIECE  
PER TUBI SPIRALATI**



**WATERBLAST FITTINGS  
RACCORDI WATERBLAST**



# TECHNICAL SHEETS

TECHNICAL SHEETS  
SCHEDE TECNICHE



**METRIC - METRICO 24°**

**LIGHT - SERIE LEGGERA**



Thread  
Filettatura

Nm

Working pressure  
Pressione di esercizio  
DIN2353

12 x 1,5	20	250
14 x 1,5	25	250
16 x 1,5	35	250
18 x 1,5	40	250
22 x 1,5	50	250
26 x 1,5	60	160
30 x 2	80	160
36 x 2	140	100
45 x 2	175	100
52 x 2	190	100

**HEAVY - SERIE PESANTE**



Thread  
Filettatura

Nm

Working pressure  
Pressione di esercizio  
DIN2353

14 x 1,5	30	630
16 x 1,5	30	630
18 x 1,5	40	630
20 x 1,5	50	630
22 x 1,5	60	630
24 x 1,5	80	400
30 x 2	100	400
36 x 2	160	400
42 x 2	165	250
52 x 2	180	250

**BSP 60°**



Thread  
Filettatura

Nm

Working pressure  
Pressione di esercizio  
ISO 8434

1/8-28	15	350
1/4-19	40	350
3/8-19	50	350
1/2-14	60	315
5/8-14	65	315
3/4-14	80	250
1"-11	140	200
1"1/4-11	165	160
1"1/2-11	180	125

**JIC 37°**



Thread  
Filettatura

Nm

Working pressure  
Pressione di esercizio  
SAEJ 514

7/16-20	20	310
1/2-20	32	276
9/16-18	40	276
3/4-16	50	276
7/8-14	65	210
1"1/16-12	70	210
1"3/16-12	90	210
1"5/16-12	160	170
1"5/8-12	170	140
1"7/8-12	180	105

**ORFS**



Thread  
Filettatura

Nm

Working pressure  
Pressione di esercizio  
SAEJ 1453

9/16-18	40	413
11/16-16	70	413
13/16-16	80	413
1"-14	100	413
1"3/16-12	130	413
1"7/16-12	170	345
1"11/16-12	200	345
2"-12	260	275

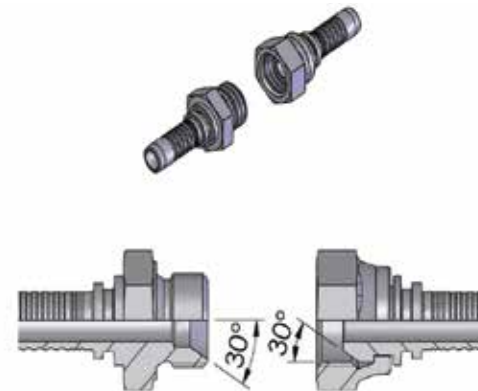
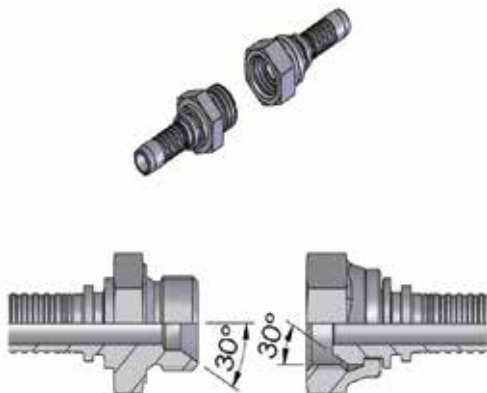
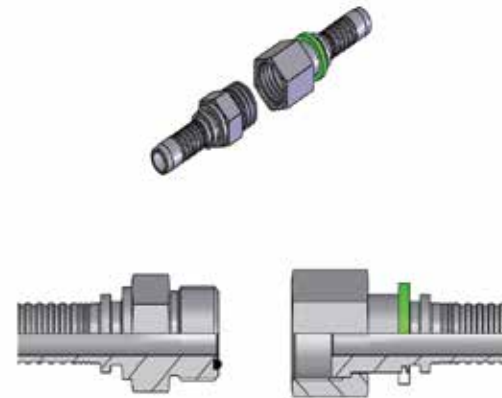
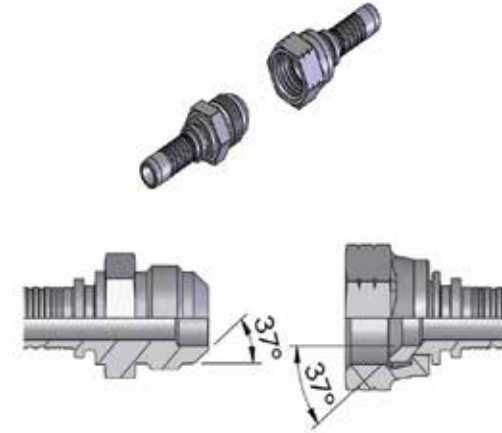
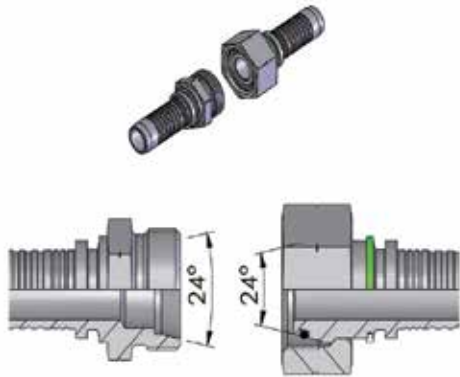
**METRIC - METRICO 60°**

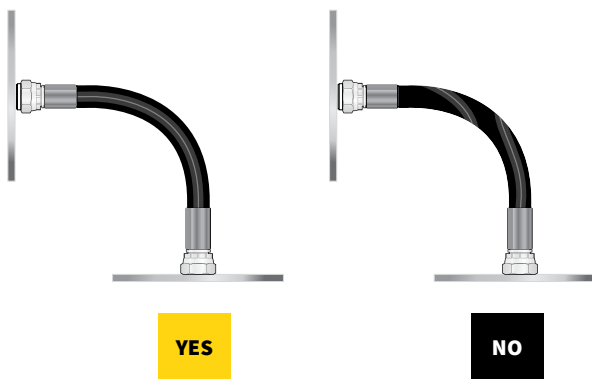


Thread  
Filettatura

Nm

M10X1	10
M12X1,5	20
M14X1,5	45
M16X1,5	55
M18X1,5	70
M20X1,5	80
M22X1,5	80
M26X1,5	80
M30X1,5	100



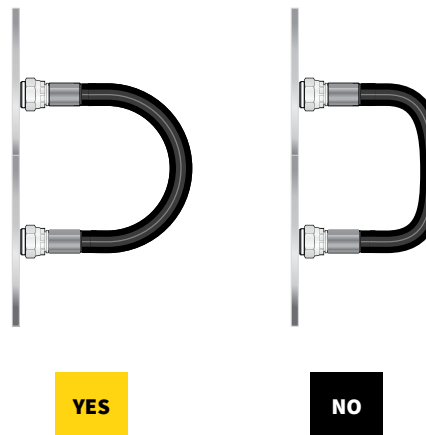


**TORSION**

Avoid twisting the hose. Hoses must be installed in such a way that there are no harsh conditions that may reduce the normal life of the hose.

**TORSIONE**

Evitare qualsiasi tipo di torsione. È importante accertarsi che non si verifichino situazioni gravose che possano compromettere e ridurre la normale durata del flessibile.

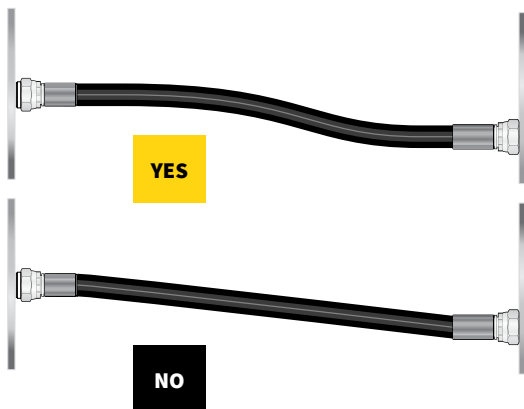


**BENDING RADIUS**

Check that the hose, when installed, has not a smaller bending radius than reported in the respective data sheet.

**RAGGIO DI CURVATURA**

Controllare che il flessibile, non operi ad un raggio di curvatura minore rispetto a quello riportato nella rispettiva scheda tecnica.

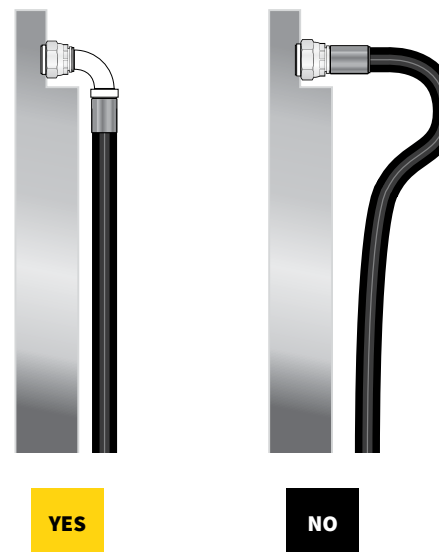


**LENGTH VARIATIONS**

Do not install the hose too tightly. During the aging process and various movements there can occur length variations. It is appropriate to calculate a length slightly bigger than requested. We remind you that the DIN and SAE provide that the hose under pressure can get longer (max 2%) or even shorter (max 4%).

**VARIAZIONE DI LUNGHEZZA**

Evitare montaggi in tensione. Nel tempo e durante i vari movimenti si possono verificare delle variazioni di lunghezza. È opportuno calcolare una lunghezza leggermente superiore a quella teorica. Le norme DIN e SAE prevedono che il tubo sottoposto alla pressione di esercizio possa subire un allungamento (max +2%) o un accorciamento (max -4%).

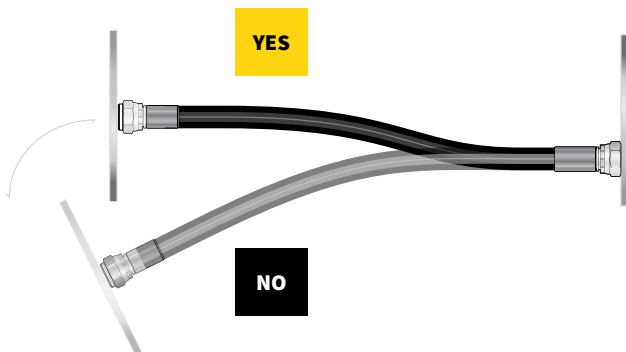


**CHOICE OF FITTINGS**

We recommend to choose the most appropriate type of fitting in order to eliminate any incorrect positions.

**SCelta DEL RACCORDO**

Nella scelta del tipo di raccordo è opportuno considerare la tipologia più indicata al fine si eliminare eventuali posizionamenti non corretti.



**ASSEMBLED HOSE IN MOTION**

In the case of motion, take particularly care to avoid any twisting, tensions or abrasions which are dangerous for the normal operation.

**FLESSIBILE IN MOVIMENTO**

Nel caso di flessibili in movimento, fare particolare attenzione ad evitare eventuali torsioni, tensioni o abrasioni dannose per il normale funzionamento.

#### Surface treatment

FB Hydraulic, inside its own R&D department, has installed a test bench to realize salt spray test according to the normative UNI EN ISO 9227 (NNS, neutral salt spray).

FB develops and verifies new types of treatments looking for the continuous improvement of the coefficient of friction, of the distribution, of the thickness of layers and the visual quality of its products.

#### Zinc coating

The galvanizing process deposits on the steel layers of material which increase the corrosion resistance:

- Zinc deposit
- Passivation CrIII
- Sealer

The total thickness of these deposits is:

- Fittings 8-10  $\mu\text{m}$
- Ferrules 10-12  $\mu\text{m}$

#### Performances

The zinc coating on the surface has the following corrosion resistance, according to

**UNI ISO 9227:**

- MIN 100 h before the appearance of the outbreaks of white corrosion
- MIN 350 h before the appearance of the outbreaks of red corrosion

#### Trattamento superficiale

FB Hydraulic, all'interno del proprio centro R&D, ha installato un banco prova per realizzare test in nebbia salina in accordo alla normativa **UNI EN ISO 9227** (NNS, nebbia salina neutra).

FB sviluppa e verifica nuovi tipi di trattamenti ricercando il miglioramento continuo del coefficiente di attrito, della distribuzione, dello spessore e della qualità visiva dei propri prodotti.

#### Zincatura

Il processo di zincatura deposita sull'acciaio strati di materiale che aumentano la resistenza alla corrosione:

- Deposito di zinco
- Passivazione cromo trivalente
- Sigillatura

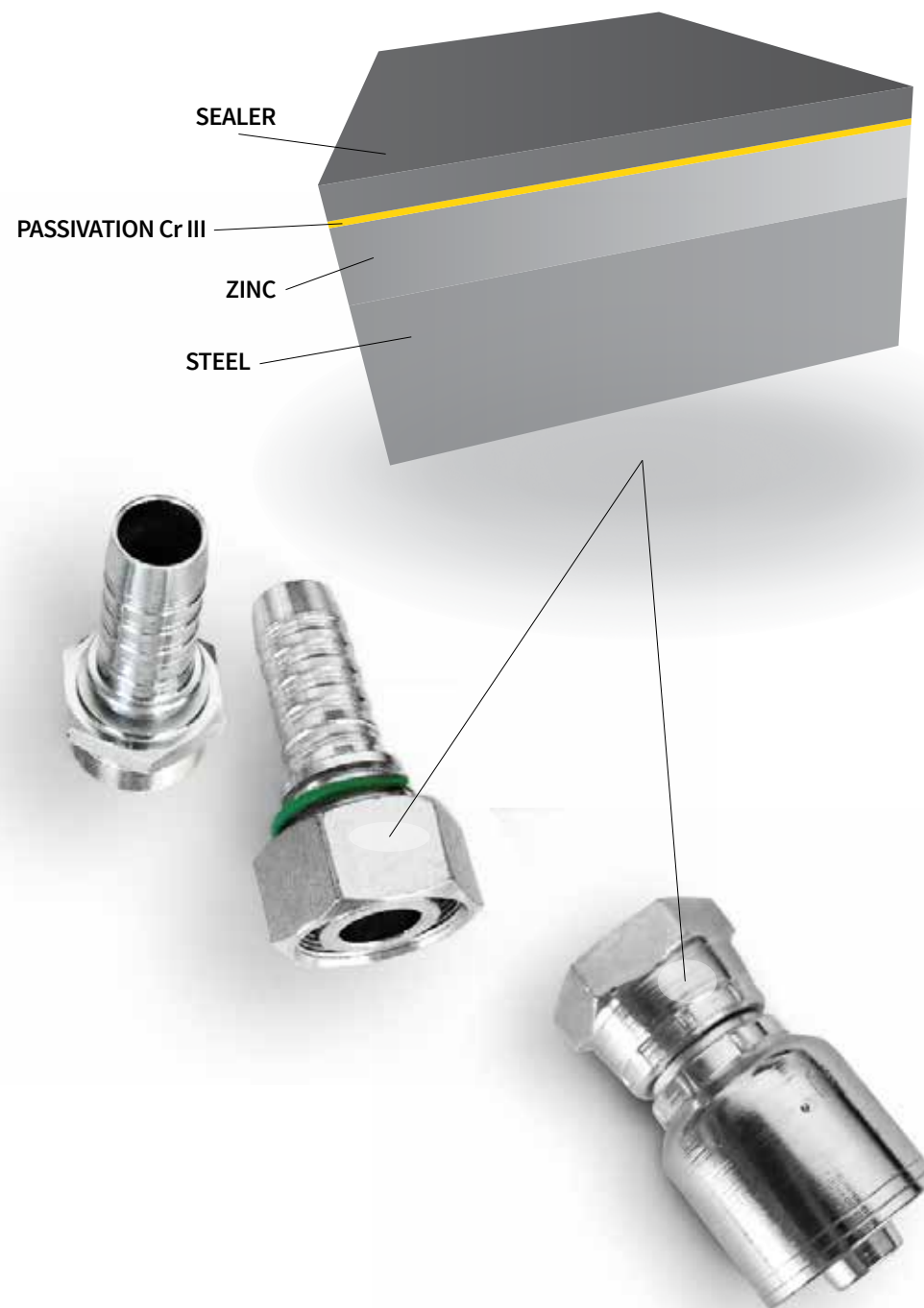
Lo spessore totale di questi depositi è:

- Raccordi 8-10  $\mu\text{m}$
- Boccole 10-12  $\mu\text{m}$

#### Prestazioni

La zincatura superficiale ha la seguente resistenza alla corrosione, secondo **UNI ISO 9227:**

- MIN 100 h prima della comparsa dei focolai di corrosione bianca
- MIN 350 h prima della comparsa dei focolai di corrosione rossa



# CATALOGUE

PRODUCTS CATALOGUE  
CATALOGO PRODOTTI

|





Catalogue website: [www.fb-channel.net/catalogo.html](http://www.fb-channel.net/catalogo.html)

**1e DRY-FIT ONE PIECE FITTINGS WIRE BRAIDED HOSES  
RACCORDI DRY-FIT ONE PIECE PER TUBI TRECCIATI**



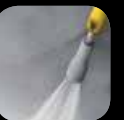
2

**1d DRY-SPIRAL ONE PIECE FITTINGS SPIRAL HOSES  
RACCORDI DRY-SPIRAL ONE PIECE PER TUBI SPIRALATI**



70

**1f WATERBLAST FITTINGS  
RACCORDI WATERBLAST**



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# DRY-FIT ONE-PIECE

The **ONE-PIECE** range is characterized by the **DRY-FIT** profile which guarantees high reliability and from a no skive ferrule suitable for the most common 1 and 2 wires braided hoses on the market.

The main advantages of **DRY-FIT ONE-PIECE**:

- Slows down the aging process and hardening of the inner lining.
- Increases the resistance of the bent hose.
- Eliminates leakages of a cooled hose.
- Easy to crimp.

Maximum functionality on the hoses:

- SAE 100 R1/2T
- SAE 100 R17/R16S
- DIN EN 853 1/2SN
- DIN EN 857 1/2SC
- 1/2SNK PREMIUM

La gamma **ONE-PIECE** è caratterizzata dal profilo **DRY-FIT** da cui ne deriva una grande affidabilità e da una boccia no skive adatta ai più comuni tubi 1 e 2 trecce presenti sul mercato.

I principali vantaggi del **DRY-FIT ONE-PIECE** :

- Rallenta il processo di invecchiamento e indurimento del sottostrato
- Aumenta la resistenza del tubo in flessione.
- Elimina i trafiletti a freddo.
- Semplifica la pressatura.

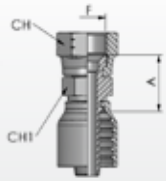
Massima funzionalità sui tubi:

- SAE 100 R1/2T
- SAE 100 R17/R16S
- DIN EN 853 1/2SN
- DIN EN 857 1/2SC
- 1/2SNK PREMIUM

DRY-FIT ONE PIECE FITTINGS  
RACCORDI DRY-FIT ONE PIECE  
WIRE BRAIDED HOSES - PER TUBI TRECCIATI



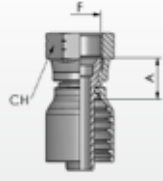
**UBFJDE**



8

DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE  
DKJ - FEMMINA DOPPIO ESAGONO, CONO 37°

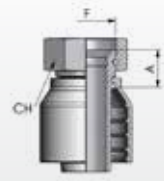
**UBFJ**



9

DKJ - JIC FEMALE, 37° CONE  
DKJ - FEMMINA JIC, CONO 37°

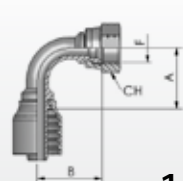
**UBPFJ**



10

DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE  
DKJ - FEMMINA JIC DADO SPINATO, CONO 37°

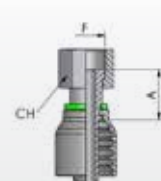
**UBC90J**



11

DKJ 90° - JIC FEMALE 90°, 37° CONE  
DKJ 90° - FEMMINA 90° JIC, CONO 37°

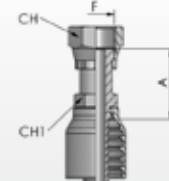
**UBFORFS**



24

DKO - ORFS FEMALE  
DKO - FEMMINA ORFS

**UBFORFSDE**



25

DKO - ORFS FEMALE DOUBLE HEXAGON  
DKO - FEMMINA DOPPIO ESAGONO ORFS

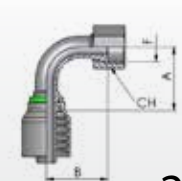
**UBC90ORFS**



26

DKO 90° - ORFS FEMALE 90°  
DKO 90° - FEMMINA 90° ORFS

**UBCM90ORFS**



27

DKO 90° - ORFS MEDIUM FEMALE 90°  
DKO 90° - FEMMINA 90° ORFS MEDIA

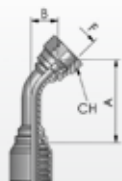
**UBPC90J**



12

DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE  
DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

**UBC45J**



13

DKJ 45° - JIC FEMALE 45°, 37° CONE  
DKJ 45° - FEMMINA 45° JIC, CONO 37°

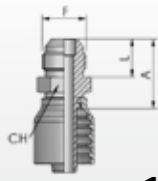
**UBPC45J**



14

DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE  
DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°

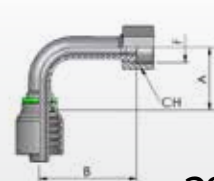
**UBMJ**



15

AGJ - JIC MALE, 37° CONE  
AGJ - MASCHIO JIC, CONO 37°

**UBCL90ORFS**



28

DKO 90° - ORFS LONG FEMALE 90°  
DKO 90° - FEMMINA 90° ORFS LUNGA

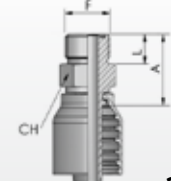
**UBC45ORFS**



29

DKO 45° - ORFS FEMALE 45°  
DKO 45° - FEMMINA 45° ORFS

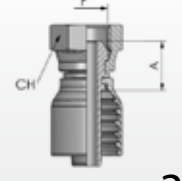
**UBMORFS**



30

AGO - ORFS MALE  
AGO - MASCHIO ORFS

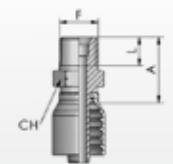
**UBFG**



31

DKR - BSP FEMALE, 60° CONE  
DKR - FEMMINA BSP, CONO 60°

**UBMNPT**



16

AGN - NPTF MALE  
AGN - MASCHIO NPTF

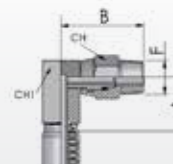
**UBMNPTGG**



17

NPTF - SWIVEL MALE 30° CONE STRAIGHT  
NPTF - MASCHIO GIREVOLE CONO 30°

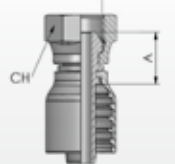
**UBM90NPTGG**



18

NPTF - SWIVEL MALE 30° CONE SEAT - 90° COMPACT ELBOW  
NPTF - MASCHIO GIREVOLE CONO SVASATO 30° - CURVA 90° COMPATTA

**UBFNPSM**



19

NPSM - FEMALE 30° CONE STRAIGHT  
NPSM - FEMMINA CONO 30°

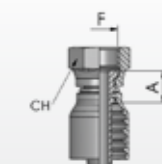
**UBPFG**



32

DKR - BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE  
DKR - FEMMINA BSP DADO SPINATO O-RING, CONO 60°

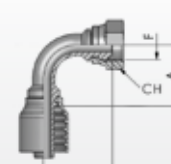
**UBFSPG**



33

DKR F - BSP FEMALE FLAT FACE  
DKRF - FEMMINA BSP, SEDE PIANA

**UBC90G**



34

DKR 90° - BSP FEMALE 90°, 60° CONE  
DKR 90° - FEMMINA 90° BSP, CONO 60°

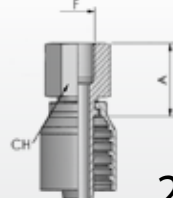
**UBPC90G**



35

DKR 90° - BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE  
DKR 90° - FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

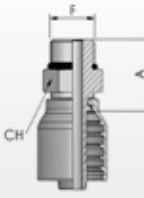
**UBFSNPT**



20

NPT - FEMALE SOLID STRAIGHT  
NPT - FEMMINA PEZZO UNICO

**UBMSAE**



21

STANDARD ORB MALE SOLID SAE  
MASCHIO STANDARD ORB SAE

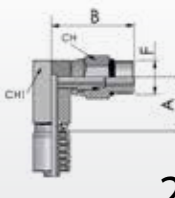
**UBMSAEGG**



22

STANDARD ORB MALE SWIVEL SAE  
MASCHIO GIREVOLE STANDARD ORB SAE

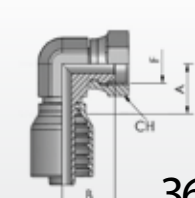
**UBM90SAEGG**



23

STANDARD ORB MALE SWIVEL SAE - 90° COMPACT ELBOW  
MASCHIO GIREVOLE STANDARD ORB SAE - CURVA A 90° COMPATTA

**UBC90COMPG**



36

DKR 90° K - BSP FEMALE 90° COMPACT, 60° CONE  
DKR 90° K - FEMMINA 90° COMPATTA BSP, CONO 60°

**UBC45G**



37

DKR 45° - BSP FEMALE 45°, 60° CONE  
DKR 45° - FEMMINA 45° BSP, CONO 60°

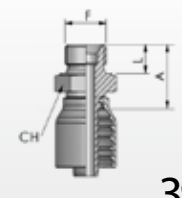
**UBPC45G**



38

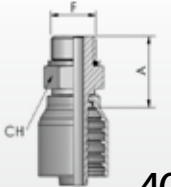
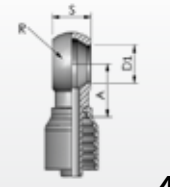
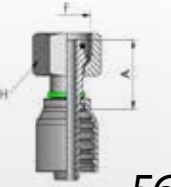
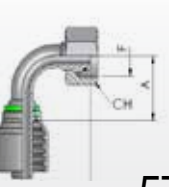
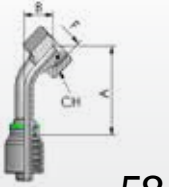
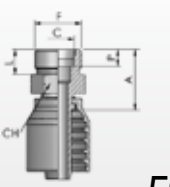
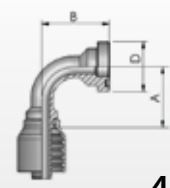
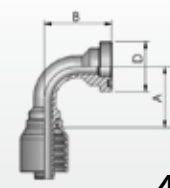
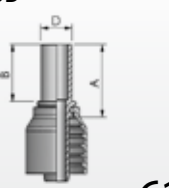
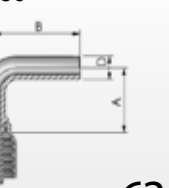
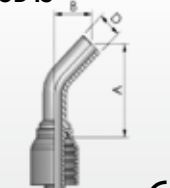
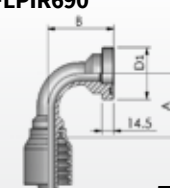
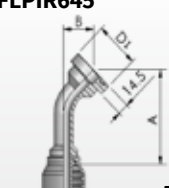


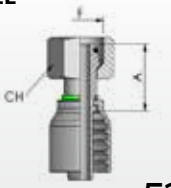
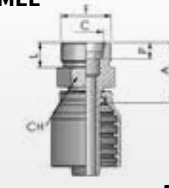
DKR 45° - BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE  
DKR 45° - FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

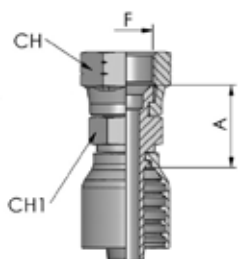
**UBMG**



39

AGR - BSPP MALE, 60° CONE  
AGR - MASCHIO BSPP, CONO 60°

<p><b>UBMORG</b></p>  <p><b>40</b></p> <p>BSPP - MALE O-RING FLAT SEAL STRAIGHT BSPP - MASCHIO FACCIA PIANA CON O-RING</p>	<p><b>UBMC</b></p>  <p><b>41</b></p> <p>AGR K - BSPT MALE, 60° CONE AGR K - MASCHIO BSPT, CONO 60°</p>	<p><b>UBOG</b></p>  <p><b>42</b></p> <p>RNR - BSP BANJO RNR - OCCHIO BSP</p>	<p><b>UBFLPI3</b></p>  <p><b>43</b></p> <p>SFL - SAE FLANGE 3000 PSI SFL - FLANGIA SAE 3000 PSI</p>	<p><b>UBFES</b></p>  <p><b>56</b></p> <p>DKOS - METRIC O-RING FEMALE, 24° CONE, HEAVY DKOS - FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE</p>	<p><b>UBC90ES</b></p>  <p><b>57</b></p> <p>DKOS 90° - METRIC O-RING FEMALE 90°, 24° CONE, HEAVY DKOS 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE</p>	<p><b>UBC45ES</b></p>  <p><b>58</b></p> <p>DKOS 45° - METRIC O-RING FEMALE 45°, 24° CONE, HEAVY DKOS 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE</p>	<p><b>UBMES</b></p>  <p><b>59</b></p> <p>CES - METRIC MALE, 24° CONE, HEAVY CES - MASCHIO METRICO, CONO 24°, SERIE PESANTE</p>
<p><b>UBFLPI6</b></p>  <p><b>44</b></p> <p>SFS - SAE FLANGE 6000 PSI SFS - FLANGIA SAE 6000 PSI</p>	<p><b>UBFLPI390</b></p>  <p><b>45</b></p> <p>SFL 90° - SAE FLANGE 90° 3000 PSI SFL 90° - FLANGIA 90° SAE 3000 PSI</p>	<p><b>UBFLPI690</b></p>  <p><b>46</b></p> <p>SFS 90° - SAE FLANGE 90° 6000 PSI SFS 90° - FLANGIA 90° SAE 6000 PSI</p>	<p><b>UBFLPI345</b></p>  <p><b>47</b></p> <p>SFL 45° - SAE FLANGE 45° 3000 PSI SFL 45° - FLANGIA 45° SAE 3000 PSI</p>	<p><b>UBOM</b></p>  <p><b>60</b></p> <p>RNM - METRIC BANJO RNM - OCCHIO METRICO</p>	<p><b>UBCOD</b></p>  <p><b>61</b></p> <p>BEL/BES - METRIC STANDPIPE BEL/BES - CODOLO METRICO DIRITTO</p>	<p><b>UBCOD90</b></p>  <p><b>63</b></p> <p>BEL/BES 90° - METRIC STANDPIPE 90° BEL/BES 90° - CODOLO METRICO 90°</p>	<p><b>UBCOD45</b></p>  <p><b>65</b></p> <p>BEL/BES 45° - METRIC STANDPIPE 45° BEL/BES 45° - CODOLO METRICO 45°</p>
<p><b>UBFLPI645</b></p>  <p><b>48</b></p> <p>SFS 45° - SAE FLANGE 45° 6000 PSI SFS 45° - FLANGIA 45° SAE 6000 PSI</p>	<p><b>UBFLPIR6</b></p>  <p><b>49</b></p> <p>SFC - SUPERCAT FLANGE SFC - FLANGIA SUPERCAT</p>	<p><b>UBFLPIR690</b></p>  <p><b>50</b></p> <p>SFC 90° - SUPERCAT FLANGE 90° SFC 90° - FLANGIA 90° SUPERCAT</p>	<p><b>UBFLPIR645</b></p>  <p><b>51</b></p> <p>SFC 45° - SUPERCAT FLANGE 45° SFC 45° - FLANGIA 45° SUPERCAT</p>	<p><b>UBGPG</b></p>  <p><b>67</b></p> <p>HOSE JUNCTION GIUNZIONE PER TUBI FLESSIBILI</p>	<p><b>UBFKTS</b></p>  <p><b>68</b></p> <p>JISK - JIS KOMATSU FEMALE JISK - FEMMINA JIS KOMATSU</p>	<p><b>UBFJS</b></p>  <p><b>69</b></p> <p>JIST - JIS TOYOTA FEMALE JIST - FEMMINA JIS TOYOTA</p>	
<p><b>UBFEL</b></p>  <p><b>52</b></p> <p>DKOL - METRIC O-RING FEMALE, 24° CONE, LIGHT DKOL - FEMMINA METRICA O-RING, CONO 24°, SERIE LEGGERA</p>	<p><b>UBC90EL</b></p>  <p><b>53</b></p> <p>DKOL 90° - METRIC O-RING FEMALE 90°, 24° CONE, LIGHT DKOL 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE LEGGERA</p>	<p><b>UBC45EL</b></p>  <p><b>54</b></p> <p>DKOL 45° - METRIC O-RING FEMALE 45°, 24° CONE, LIGHT DKOL 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE LEGGERA</p>	<p><b>UBMEL</b></p>  <p><b>55</b></p> <p>CEL - METRIC MALE, 24° CONE, LIGHT CEL - MASCHIO METRICO, CONO 24°, SERIE LEGGERA</p>				<p><b>index</b></p> <p><b>1e</b></p> <hr/> <p><b>8</b></p> <p><b>67</b></p>



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBFJDE

DKJ - JIC FEMALE DOUBLE HEXAGON, 37° CONE  
 DKJ - FEMMINA DOPPIO ESAGONO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

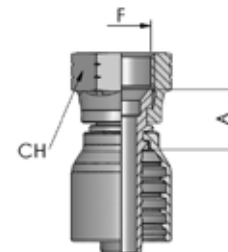
CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
UBFJDE0604	7/16-20	1/4	6	15	12	21
UBFJDE0804	1/2-20	1/4	6	17	14	21
UBFJDE1004	9/16-18	1/4	6	19	14	22.5
UBFJDE1006	9/16-18	3/8	10	19	14	20.5
UBFJDE1106	5/8-18	3/8	10	22	19	23.9
UBFJDE1204	3/4-16	1/4	6	24	19	24.5
UBFJDE1206	3/4-16	3/8	10	24	19	25
UBFJDE1208	3/4-16	1/2	12	24	19	23
UBFJDE1606	7/8-14	3/8	10	27	22	28.2
UBFJDE1608	7/8-14	1/2	12	27	22	29
UBFJDE1610	7/8-14	5/8	16	27	22	26.3
UBFJDE1612	7/8-14	3/4	19	27	27	31.3
UBFJDE2008	1"1/16-12	1/2	12	32	27	33.1
UBFJDE2010	1"1/16-12	5/8	16	32	27	33.1
UBFJDE2012	1"1/16-12	3/4	19	32	27	34
UBFJDE2212	1"3/16-12	3/4	19	36	30	34.5
UBFJDE2512	1"5/16-12	3/4	19	41	32	36,3
UBFJDE2516	1"5/16-12	1"	25	41	32	37.3



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBFJ

DKJ - JIC FEMALE, 37° CONE  
 DKJ - FEMMINA JIC, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

### Notes

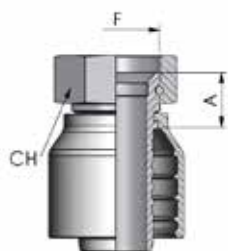
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT  
 \*FJ1106 45° CONE

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM  
 DADO PINZATO  
 \*FJ1106 CONO 45°

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFJ0604	7/16-20	1/4	6	15	15
UBFJ0804	1/2-20	1/4	6	17	14.5
UBFJ1004	9/16-18	1/4	6	19	15.9
UBFJ1006	9/16-18	3/8	10	19	16
UBFJ1106*	5/8-18	3/8	10	22	16.9
UBFJ1204	3/4-16	1/4	6	24	17
UBFJ1206	3/4-16	3/8	10	24	16.1
UBFJ1208	3/4-16	1/2	12	24	16.7
UBFJ1606	7/8-14	3/8	10	27	18.2
UBFJ1608	7/8-14	1/2	12	27	18.8
UBFJ1610	7/8-14	5/8	16	27	18.8
UBFJ1612	7/8-14	3/4	19	27	22.3
UBFJ2008	1"1/16-12	1/2	12	32	24.1
UBFJ2010	1"1/16-12	5/8	16	32	21.6
UBFJ2012	1"1/16-12	3/4	19	32	22.6
UBFJ2212	1"3/16-12	3/4	19	36	22.1
UBFJ2512	1"5/16-12	3/4	19	41	24.3
UBFJ2516	1"5/16-12	1"	25	41	24.8



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBPFJ

DKJ - JIC FEMALE THRUST WIRE NUT, 37° CONE  
 DKJ - FEMMINA JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

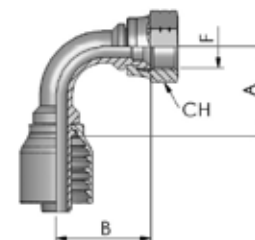
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	
UBPFJ2010	1"1/16-12	5/8	16	32	21.5	
UBPFJ2012	1"1/16-12	3/4	19	32	22.5	
UBPFJ2516	1"5/16-12	1"	25	41	23.5	
UBPFJ3416	1"5/8-12	1"	25	50	26.7	
UBPFJ3420	1"5/8-12	1"1/4	32	50	28.1	
UBPFJ4020	1"7/8-12	1"1/4	32	55	28.5	
UBPFJ4024	1"7/8-12	1"1/2	38	55	28.5	
UBPFJ5032	2"1/2-12	2"	51	70	28.5	

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBC90J

DKJ 90° - JIC FEMALE 90°, 37° CONE  
 DKJ 90° - FEMMINA 90° JIC, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

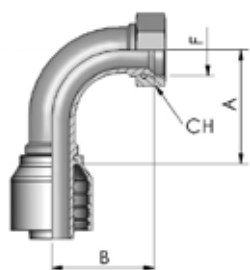
CRIMPED NUT  
 \*C90J1106 45°CONE

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO  
 \*C90J1106 CONO 45°

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90J0604	7/16-20	1/4	6	15	23	27
UBC90J0804	1/2-20	1/4	6	17	23	26
UBC90J1004	9/16-18	1/4	6	19	23	29
UBC90J1006	9/16-18	3/8	10	19	35	33
UBC90J1106*	5/8-18	3/8	10	22	35	34
UBC90J1206	3/4-16	3/8	10	24	35	34
UBC90J1208	3/4-16	1/2	12	24	39	39
UBC90J1606	7/8-14	3/8	10	27	35	37
UBC90J1608	7/8-14	1/2	12	27	39	41
UBC90J1610	7/8-14	5/8	16	27	48	45
UBC90J1612	7/8-14	3/4	19	27	50	52
UBC90J2008	1"1/16-12	1/2	12	32	39	48
UBC90J2010	1"1/16-12	5/8	16	32	48	51
UBC90J2012	1"1/16-12	3/4	19	32	50	51
UBC90J2212	1"3/16-12	3/4	19	36	58	64
UBC90J2512	1"5/16-12	3/4	19	41	50	55
UBC90J2516	1"5/16-12	1"	25	41	72	67



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBPC90J

DKJ 90° - JIC FEMALE 90° THRUST WIRE NUT, 37° CONE  
 DKJ 90° - FEMMINA 90° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

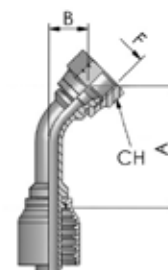
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBPC90J2010*	1"1/16-12	5/8	16	32	47	50
UBPC90J2012	1"1/16-12	3/4	19	32	50	50
UBPC90J2516	1"5/16-12	1"	25	41	72	64
UBPC90J3416	1"5/8-12	1"	25	50	72	71
UBPC90J3420	1"5/8-12	1"1/4	32	50	88	77
UBPC90J4020*	1"7/8-12	1"1/4	32	55	100	100
UBPC90J4024	1"7/8-12	1"1/2	38	55	99	89
UBPC90J5032	2"1/2-12	2"	51	70	127	121

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBC45J

DKJ 45° - JIC FEMALE 45°, 37° CONE  
 DKJ 45° - FEMMINA 45° JIC, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45J0604	7/16-20	1/4	6	15	39	14
UBC45J0804	1/2-20	1/4	6	17	39	13
UBC45J1004	9/16-18	1/4	6	19	40	15
UBC45J1006	9/16-18	3/8	10	19	54	16
UBC45J1206	3/4-16	3/8	10	24	55	17
UBC45J1208	3/4-16	1/2	12	24	62	19
UBC45J1606	7/8-14	3/8	10	27	58	20
UBC45J1608	7/8-14	1/2	12	27	64	21
UBC45J1610	7/8-14	5/8	16	27	74	21
UBC45J2010	1"1/16-12	5/8	16	32	78	26
UBC45J2012	1"1/16-12	3/4	19	32	81	25
UBC45J2512	1"5/16-12	3/4	19	41	84	28
UBC45J2516	1"5/16-12	1"	25	41	111	31

### Notes

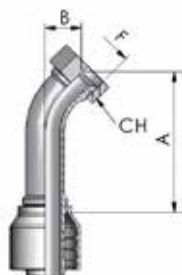
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBPC45J

DKJ 45° - JIC FEMALE 45° THRUST WIRE NUT, 37° CONE  
 DKJ 45° - FEMMINA 45° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

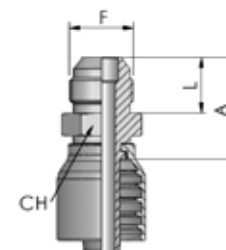
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBPC45J2010	1"1/16-12	5/8	16	32	80	25
UBPC45J2012	1"1/16-12	3/4	19	32	80	25
UBPC45J2516	1"5/16-12	1"	25	41	108	29
UBPC45J3420	1"5/8-12	1"1/4	32	50	132	35
UBPC45J4020	1"7/8-12	1"1/4	32	55	108	40
UBPC45J4024	1"7/8-12	1"1/2	38	55	149	38
UBPC45J5032	2"1/2-12	2"	51	70	142	54

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES JIC FITTINGS 37°  
 INSERTI JIC 37° ONE PIECE TUBI TRECCIATI

## UBMJ

AGJ - JIC MALE, 37° CONE  
 AGJ - MASCHIO JIC, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMJ0604	7/16-20	1/4	6	12	26.5	14
UBMJ0804	1/2-20	1/4	6	15	26.5	14
UBMJ1004	9/16-18	1/4	6	15	27.4	14.1
UBMJ1006	9/16-18	3/8	10	17	27.5	14.1
UBMJ1106	5/8-18	3/8	10	17	29.9	16
UBMJ1204*	3/4-16	1/4	6	19	30	16.7
UBMJ1206	3/4-16	3/8	10	19	30.6	16.7
UBMJ1208	3/4-16	1/2	12	19	31.2	16.7
UBMJ1606	7/8-14	3/8	10	24	35.3	19.3
UBMJ1608	7/8-14	1/2	12	24	35.3	19.3
UBMJ1610	7/8-14	5/8	16	24	35.3	19.3
UBMJ2008	1"1/16-12	1/2	12	27	39.7	21.9
UBMJ2010	1"1/16-12	5/8	16	27	39.7	21.9
UBMJ2012	1"1/16-12	3/4	19	27	40.7	21.9
UBMJ2512	1"5/16-12	3/4	19	34	41.9	23.1
UBMJ2516	1"5/16-12	1"	25	34	42.9	23.1
UBMJ3416	1"5/8-12	1"	25	42	46.1	24.3
UBMJ3420	1"5/8-12	1"1/4	32	42	47.5	24.3
UBMJ4024	1"7/8-12	1"1/2	38	50	53	27.5
UBMJ5032	2"1/2-12	2"	51	65	63.2	33.9

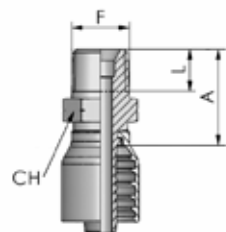
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM





ONE PIECE WIRE BRAIDED HOSES NPT FITTINGS  
 INSERTI NPT ONE PIECE TUBI TRECCIATI

## UBMNPT

AGN - NPTF MALE 30° CONE  
 AGN - MASCHIO NPTF CONO 30°

Thread - Filetto: NPTF  
 Norme - Norma:

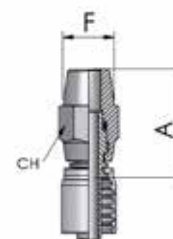
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMNPT0204	1/8-27	1/4	6	12	21.9	9.7
UBMNPT0404	1/4-18	1/4	6	15	27.1	14.2
UBMNPT0406	1/4-18	3/8	10	15	27.7	14.2
UBMNPT0604	3/8-18	1/4	6	19	28.2	14.2
UBMNPT0606	3/8-18	3/8	10	19	28.7	14.2
UBMNPT0608	3/8-18	1/2	12	19	29.3	14.2
UBMNPT0806	1/2-14	3/8	10	22	34.5	19
UBMNPT0808	1/2-14	1/2	12	22	35.1	19
UBMNPT1208	3/4-14	1/2	12	27	36.1	19
UBMNPT1210	3/4-14	5/8	16	27	36.1	19
UBMNPT1212	3/4-14	3/4	19	27	37.1	19
UBMNPT1616	1"-11,5	1"	25	36	44	23.9
UBMNPT2016	1"1/4-11,5	1"	25	46	48.2	24.6
UBMNPT2020	1"1/4-11,5	1"1/4	32	46	49.6	24.6
UBMNPT2424	1"1/2-11,5	1"1/2	38	50	50.9	25.4
UBMNPT3232	2"-11,5	2"	51	65	53.2	26.2

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES NPTF SWIVEL MALE 30° CONE STRAIGHT SAE J516  
 INSERTI NPTF MASCHIO CONO 30°GIREVOLE ONE PIECE TUBI TRECCIATI

## UBMNPTGG

NPTF - SWIVEL MALE 30° CONE STRAIGHT  
 NPTF - MASCHIO GIREVOLE CONO 30°

Thread - Filetto: NPTF  
 Norme - Norma: SAE J516

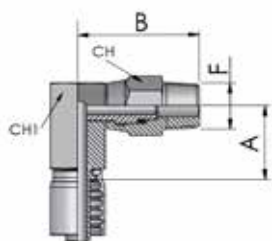
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBMNPTGG0204	1/8-27	1/4	6	14	-
UBMNPTGG0404	1/4-18	1/4	6	17	41,5
UBMNPTGG0406	1/4-18	3/8	10	17	41,5
UBMNPTGG0604	3/8-18	1/4	6	19	46,5
UBMNPTGG0605	3/8-18	5/16	8	19	46,5
UBMNPTGG0606	3/8-18	3/8	10	19	45,5
UBMNPTGG0806	1/2-14	3/8	10	22	57,5
UBMNPTGG0808	1/2-14	1/2	12	22	56,6
UBMNPTGG1212	3/4-14	3/4	19	27	61,6
UBMNPTGG1616	1"-11,5	1"	25	36	65

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES NPTF SWIVEL MALE 60° CONE STRAIGHT SAE J516  
 INSERTI NPTF MASCHIO CONO 60°GIREVOLE ONE PIECE TUBI TRECCIATI

## UBM90NPTGG

NPTF - SWIVEL MALE 60° CONE SEAT - 90° COMPACT ELBOW  
 NPTF - MASCHIO GIREVOLE CONO SVASATO 60° - CURVA 90° COMPATTA

Thread - Filetto: NPTF  
 Norme - Norma: SAE J516

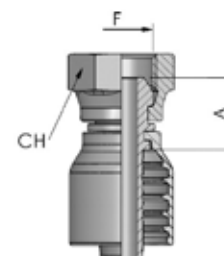
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)	CH	CH1	A	B
UBM90NPTGG0404	1/4 - 18	1/4	6,3	17	17	29	43
UBM90NPTGG0606	3/8 - 18	3/8	10	22	22	31	49
UBM90NPTGG0808	1/2 - 14	1/2	12,5	27	25	33	62
UBM90NPTGG1212	3/4 - 14	3/4	19	34	32	43	69

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES NPSM FEMALE 30° CONE STRAIGHT  
 INSERTI NPSM FEMMINA CONO 30° ONE PIECE TUBI TRECCIATI

## UBFNPSM

NPSM - FEMALE 30° CONE STRAIGHT  
 NPSM - FEMMINA CONO 30°

Thread - Filetto: NPSM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFNPSM0403	1/4-18	3/16	5	19	-
UBFNPSM0404	1/4-18	1/4	6	19	17.6
UBFNPSM0406	1/4-18	3/8	10	19	17.7
UBFNPSM0604	3/8-18	1/4	6	22	18.7
UBFNPSM0605	3/8-18	5/16	8	22	-
UBFNPSM0606	3/8-18	3/8	10	22	18.8
UBFNPSM0808	1/2-14	1/2	12	27	21.2
UBFNPSM1210	3/4-14	5/8	16	32	22.8
UBFNPSM1212	3/4-14	3/4	19	32	22.8
UBFNPSM1612	1"-11,5	3/4	19	41	24.5
UBFNPSM1616	1"-11,5	1"	25	41	25
UBFNPSM2020	1"1/4-11.5	1"1/4	32	50	-
UBFNPSM2420	1"1/2-11.5	1"1/4	32	55	-
UBFNPSM2424	1"1/2-11.5	1"1/2	38	55	-
UBFNPSM3232	2"-11,5	2"	50	70	-

### Notes

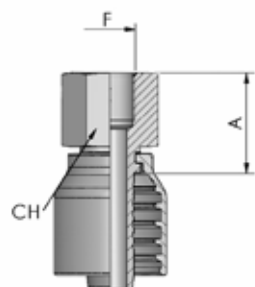
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES NPT FEMALE SOLID STRAIGHT  
 INSERTI NPT FEMMINA PEZZO UNICO ONE PIECE TUBI TRECCIATI

## UBFSNPT

NPT - FEMALE SOLID STRAIGHT  
 NPT - FEMMINA PEZZO UNICO

Thread - Filetto: NPT

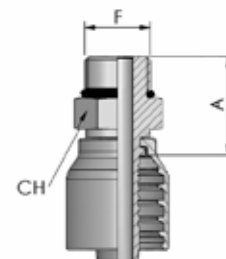
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFSNPT0404	1/4-18	1/4	6	19	-
UBFSNPT0406	1/4-18	3/8	10	19	-
UBFSNPT0606	3/8-18	3/8	10	22	-
UBFSNPT0806	1/2-14	3/8	10	25,4	-

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES STANDARD ORB MALE SOLID SAE J514/J516  
 INSERTI MASCHIO STANDARD ORB SAE J514/J516 ONE PIECE TUBI TRECCIATI

## UBMSAE

STANDARD ORB MALE SOLID SAE  
 MASCHIO STANDARD ORB SAE

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514/J516

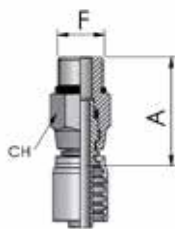
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBMSAE0604	7/16-20	1/4	6	14	22
UBMSAE0804	1/2-20	1/4	6	17	22,5
UBMSAE1005	9/16-18	5/16	8	17	24
UBMSAE1006	9/16-18	3/8	10	17	11
UBMSAE1206	3/4-16	3/8	10	22	26,5
UBMSAE1208	3/4-16	1/2	12	22	27,6
UBMSAE1608	7/8-14	1/2	12	27	30,1
UBMSAE1610	7/8-14	5/8	16	27	30,4
UBMSAE2010	1"1/16-12	5/8	16	32	34,4
UBMSAE2012	1"1/16-12	3/4	19	32	35,1
UBMSAE2016	1"5/16-12	1"	25	41	37,6

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES STANDARD ORB MALE SWIVEL SAE J514/J516  
 INSERTI MASCHIO STANDARD GIREVOLE ORB SAE J514/J516 ONE PIECE TUBI TRECCIATI

## UBMSAEGG

STANDARD ORB MALE SWIVEL SAE  
 MASCHIO GIREVOLE STANDARD ORB SAE

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514/J516

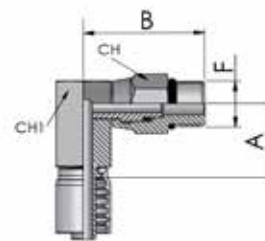
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	
UBMSAEGG0604	7/16-20	1/4	6	14	37,4	
UBMSAEGG1004	9/16-18	1/4	6	17	42,5	
UBMSAEGG1006	9/16-18	3/8	10	17	42,5	
UBMSAEGG1206	3/4-16	3/8	10	22	47,5	
UBMSAEGG1208	3/4-16	1/2	12	22	49,6	
UBMSAEGG1608	7/8-14	1/2	12	27	50,6	
UBMSAEGG1610	7/8-14	5/8	16	27	50,8	
UBMSAEGG2008	1"1/16-12	1/2	12	32	58	
UBMSAEGG2012	1"1/16-12	3/4	19	32	59,6	

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES STANDARD ORB MALE SWIVEL SAE J514/J516  
 INSERTI MASCHIO STANDARD GIREVOLE ORB SAE J514/J516 ONE PIECE TUBI TRECCIATI

## UBM90SAEGG

STANDARD ORB MALE SWIVEL SAE - 90° COMPACT ELBOW  
 MASCHIO GIREVOLE STANDARD ORB SAE - CURVA A 90° COMPATTA

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514/J516

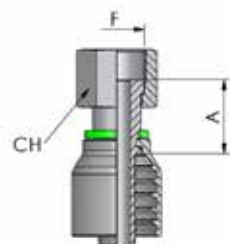
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)	CH	CH1	A	B
UBM90SAEGG1006	9/16 - 18	3/8	10	22	22	31	47
UBM90SAEGG1206	3/4 - 16	3/8	10	27	25	34	54
UBM90SAEGG1208	3/4 - 16	1/2	12,5	27	25	33	54
UBM90SAEGG1608	7/8 - 14	1/2	12,5	27	25	33	56
UBM90SAEGG2012	1"1/16 - 12	3/4	19	34	32	43	67

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBFORFS

DKO - ORFS FEMALE  
 DKO - FEMMINA ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

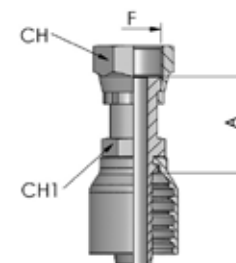
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	
UBFORFS1004	9/16-18	1/4	6	17	20.5	
UBFORFS1104	11/16-16	1/4	6	22	21.9	
UBFORFS1106	11/16-16	3/8	10	22	22	
UBFORFS1306	13/16-16	3/8	10	24	25	
UBFORFS1308	13/16-16	1/2	12	24	25.6	
UBFORFS1808	1"-14	1/2	12	30	29.9	
UBFORFS1810	1"-14	5/8	16	30	29.9	
UBFORFS2208	1"3/16-12	1/2	12	36	32.1	
UBFORFS2210	1"3/16-12	5/8	16	36	32.1	
UBFORFS2212	1"3/16-12	3/4	19	36	33	
UBFORFS2612	1"7/16-12	3/4	19	41	33.6	
UBFORFS2616	1"7/16-12	1"	25	41	34.1	
UBFORFS3620	1"11/16-12	1"1/4	32	50	35.5	
UBFORFS4624	2"-12	1"1/2	38	60	37	



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBFORFSDE

DKO - ORFS FEMALE DOUBLE HEXAGON  
 DKO - FEMMINA DOPPIO ESAGONO ORFS

Thread - Filetto: UNF-UN

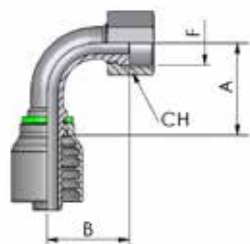
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
UBFORFSDE1004	9/16-18	1/4	6	17	14	28
UBFORFSDE1104	11/16-16	1/4	6	22	17	30.8
UBFORFSDE1106	11/16-16	3/8	10	22	17	32
UBFORFSDE1108	11/16-16	1/2	12	22	19	32.5
UBFORFSDE1306	13/16-16	3/8	10	24	19	35.3
UBFORFSDE1308	13/16-16	1/2	12	24	19	33.4
UBFORFSDE1808	1"-14	1/2	12	30	24	39.6
UBFORFSDE1810	1"-14	5/8	16	30	24	39.6
UBFORFSDE1812	1"-14	3/4	19	30	27	40.5
UBFORFSDE2212	1"3/16-12	3/4	19	36	27	43
UBFORFSDE2616	1"7/16-12	1"	25	41	36	46.1
UBFORFSDE3620	1"11/16-12	1"1/4	32	50	41	48
UBFORFSDE4624	2"-12	1"1/2	38	60	50	49.6



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBC90ORFS

DKO 90° - ORFS FEMALE 90°  
 DKO 90° - FEMMINA 90° ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

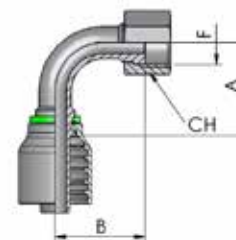
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90ORFS1004	9/16-18	1/4	6	17	33	24
UBC90ORFS1104	11/16-16	1/4	6	22	33	26
UBC90ORFS1106	11/16-16	3/8	10	22	38	29
UBC90ORFS1306	13/16-16	3/8	10	24	38	32
UBC90ORFS1308	13/16-16	1/2	12	24	40	36
UBC90ORFS1808	1"-14	1/2	12	30	40	41
UBC90ORFS1810	1"-14	5/8	16	30	46	47
UBC90ORFS2208	1"3/16-12	1/2	12	36	40	43
UBC90ORFS2210	1"3/16-12	5/8	16	36	46	46
UBC90ORFS2212	1"3/16-12	3/4	19	36	52	46
UBC90ORFS2612	1"7/16-12	3/4	19	41	52	52
UBC90ORFS2616	1"7/16-12	1"	25	41	72	63
UBC90ORFS3620	1"11/16-12	1"1/4	32	50	88	73
UBC90ORFS4624	2"-12	1"1/2	38	60	105	84

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBCM90ORFS

DKO 90° - ORFS MEDIUM FEMALE 90°  
 DKO 90° - FEMMINA 90° ORFS MEDIA

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1454 - SAE J516

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBCM90ORFS1004	9/16-18	1/4	6	17	32.9	38
UBCM90ORFS1106	11/16-16	3/8	10	22	37.5	38
UBCM90ORFS1306	13/16-16	3/8	10	24	37.5	41
UBCM90ORFS1308	13/16-16	1/2	12	24	40.05	41
UBCM90ORFS1808	1"-14	1/2	12	30	40.05	47
UBCM90ORFS1810	1"-14	5/8	16	30	46.05	47
UBCM90ORFS2210	1"3/16-12	5/8	16	36	46.05	58
UBCM90ORFS2212	1"3/16-12	3/4	19	36	50	58
UBCM90ORFS2616	1"7/16-12	1"	25	41	71.6	71

### Note

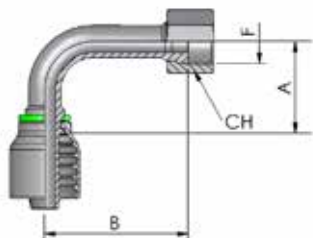
PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBCL90ORFS

DKO 90° - ORFS LONG FEMALE 90°  
 DKO 90° - FEMMINA 90° ORFS LUNGA

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1454 - SAE J516



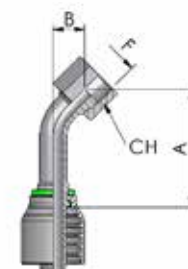
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBCL90ORFS1004	9/16-18	1/4	6	17	32.85	46
UBCL90ORFS1106	11/16-16	3/8	10	22	37.5	54
UBCL90ORFS1306	13/16-16	3/8	10	24	37.5	64
UBCL90ORFS1308	13/16-16	1/2	12	24	40.05	64
UBCL90ORFS1808	1"-14	1/2	12	30	42.4	66
UBCL90ORFS1810	1"-14	5/8	16	30	46.05	70
UBCL90ORFS2210	1"3/16-12	5/8	16	36	46.05	96
UBCL90ORFS2212	1"3/16-12	3/4	19	36	52.2	96
UBCL90ORFS2616	1"7/16-12	1"	25	41	71.6	114

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBC45ORFS

DKO 45° - ORFS FEMALE 45°  
 DKO 45° - FEMMINA 45° ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

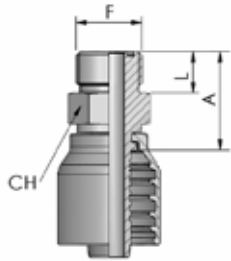
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45ORFS1004	9/16-18	1/4	6	17	47	12
UBC45ORFS1104	11/16-16	1/4	6	22	48	13
UBC45ORFS1106	11/16-16	3/8	10	22	54	14
UBC45ORFS1306	13/16-16	3/8	10	24	56	16
UBC45ORFS1308	13/16-16	1/2	12	24	61	17
UBC45ORFS1808	1"-14	1/2	12	30	64	20
UBC45ORFS1810	1"-14	5/8	16	30	71	20
UBC45ORFS1812	1"-14	3/4	19	30	85	35
UBC45ORFS2208	1"3/16-12	1/2	12	36	66	22
UBC45ORFS2210	1"3/16-12	5/8	16	36	73	22
UBC45ORFS2212	1"3/16-12	3/4	19	36	78	21
UBC45ORFS2612	1"7/16-12	3/4	19	41	82	26
UBC45ORFS2616	1"7/16-12	1"	25	41	108	29
UBC45ORFS3620	1"11/16-12	1"1/4	32	50	129	32
UBC45ORFS4624	2"-12	1"1/2	38	60	151	35

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES ORFS FITTINGS  
 INSERTI ORFS ONE PIECE TUBI TRECCIATI

## UBMORFS

AGO - ORFS MALE  
 AGO - MASCHIO ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

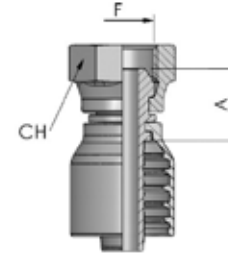
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMORFS1004	9/16-18	1/4	6	17	24.6	9.8
UBMORFS1104	11/16-16	1/4	6	19	26.8	11.2
UBMORFS1106	11/16-16	3/8	10	19	27.4	11.2
UBMORFS1306	13/16-16	3/8	10	22	30.1	12.8
UBMORFS1308	13/16-16	1/2	12	22	30.7	12.8
UBMORFS1808	1"-14	1/2	12	27	35.2	15.5
UBMORFS1810	1"-14	5/8	16	27	35.2	15.5
UBMORFS1812	1"-14	3/4	19	27	36.2	15.5
UBMORFS2208	1"3/16-12	1/2	12	32	38.2	17
UBMORFS2210	1"3/16-12	5/8	16	32	38.2	17
UBMORFS2212	1"3/16-12	3/4	19	32	39.2	17
UBMORFS2612	1"7/16-12	3/4	19	38	40.9	17.5
UBMORFS2616	1"7/16-12	1"	25	38	41.9	17.5
UBMORFS3620	1"11/16-12	1"1/4	32	46	45.3	17.5
UBMORFS4624	2"-12	1"1/2	38	55	47.6	17.5



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBFG

DKR - BSP FEMALE, 60° CONE  
 DKR - FEMMINA BSP, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

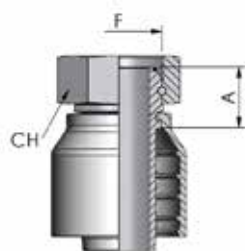
### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFG0204	1/8-28	1/4	6	14	15.9
UBFG0404	1/4-19	1/4	6	19	17.6
UBFG0406	1/4-19	3/8	10	19	17.7
UBFG0604	3/8-19	1/4	6	22	18.7
UBFG0606	3/8-19	3/8	10	22	18.8
UBFG0608	3/8-19	1/2	12	22	19.4
UBFG0804	1/2-14	1/4	6	27	22.5
UBFG0806	1/2-14	3/8	10	27	20.6
UBFG0808	1/2-14	1/2	12	27	21.2
UBFG0810	1/2-14	5/8	16	27	21.2
UBFG0812	1/2-14	3/4	19	27	24
UBFG1008	5/8-14	1/2	12	30	21.3
UBFG1010	5/8-14	5/8	16	30	21.3
UBFG1208	3/4-14	1/2	12	32	25.3
UBFG1210	3/4-14	5/8	16	32	22.8
UBFG1212	3/4-14	3/4	19	32	22.8
UBFG1216	3/4-14	1"	25	32	27.5
UBFG1612	1"-11	3/4	19	38	24.5
UBFG1616	1"-11	1"	25	38	25





ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBPFG

DKR - BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE  
 DKR - FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

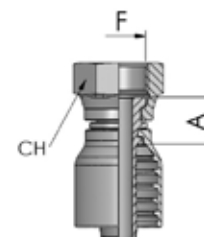
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBPFG1212	3/4-14	3/4	19	32	27
UBPFG1616	1"-11	1"	25	38	31
UBPFG2016	1"1/4-11	1"	25	50	32.6
UBPFG2020	1"1/4-11	1"1/4	32	50	31
UBPFG2420	1"1/2-11	1"1/4	32	55	32.7
UBPFG2424	1"1/2-11	1"1/2	38	55	32.7
UBPFG3224	2"-11	1"1/2	38	70	29.8
UBPFG3232	2"-11	2"	51	70	29.8

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBFSPG

DKR F - BSP FEMALE FLAT FACE  
 DKRF - FEMMINA BSP, SEDE PIANA

Thread - Filetto: BSP

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

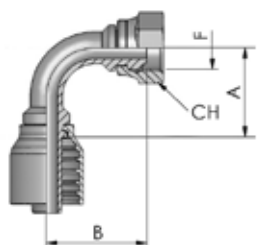
CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFSPG0404	1/4-19	1/4	6	19	14.4
UBFSPG0604	3/8-19	1/4	6	22	16
UBFSPG0606	3/8-19	3/8	10	22	14.9
UBFSPG0806	1/2-14	3/8	10	27	15.7
UBFSPG0808	1/2-14	1/2	12	27	16.3
UBFSPG1208	3/4-14	1/2	12	32	21
UBFSPG1210	3/4-14	5/8	16	32	18.5
UBFSPG1212	3/4-14	3/4	19	32	19.5
UBFSPG1616	1"-11	1"	25	38	21.2



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBC90G

DKR 90° - BSP FEMALE 90°, 60° CONE  
 DKR 90° - FEMMINA 90° BSP, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90G0204	1/8-28	1/4	6	15	23	26
UBC90G0404	1/4-19	1/4	6	19	23	29
UBC90G0406	1/4-19	3/8	10	19	35	33
UBC90G0604	3/8-19	1/4	6	22	23	33
UBC90G0606	3/8-19	3/8	10	22	35	36
UBC90G0608	3/8-19	1/2	12	22	39	40
UBC90G0806	1/2-14	3/8	10	27	35	40
UBC90G0808	1/2-14	1/2	12	27	39	44
UBC90G0810	1/2-14	5/8	16	27	48	47
UBC90G1008	5/8-14	1/2	12	30	39	47
UBC90G1010	5/8-14	5/8	16	30	48	50
UBC90G1208	3/4-14	1/2	12	32	39	49
UBC90G1210	3/4-14	5/8	16	32	48	52
UBC90G1212	3/4-14	3/4	19	32	50	52
UBC90G1612	1"-11	3/4	19	38	50	56
UBC90G1616	1"-11	1"	25	38	72	67



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBPC90G

DKR 90° - BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE  
 DKR 90° - FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

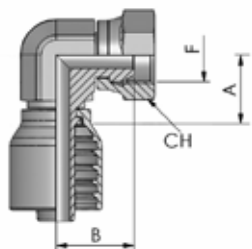
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBPC90G1212	3/4-14	3/4	19	32	54	56
UBPC90G1616	1"-11	1"	25	38	70	72
UBPC90G2016	1"1/4-11	1"	25	50	72	74
UBPC90G2020	1"1/4-11	1"1/4	32	50	88	80
UBPC90G2420	1"1/2-11	1"1/4	32	55	88	84
UBPC90G2424	1"1/2-11	1"1/2	38	55	108	101
UBPC90G3224	2"-11	1"1/2	38	70	99	97
UBPC90G3232	2"-11	2"	51	70	127	122



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBC90COMPG

DKR 90° K - BSP FEMALE 90° COMPACT, 60° CONE  
 DKR 90° K - FEMMINA 90° COMPATTA BSP, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC90COMPG0404	1/4-19	1/4	6	19	21	23
UBC90COMPG0606	3/8-19	3/8	10	22	22	24
UBC90COMPG0808	1/2-14	1/2	12	27	24	27
UBC90COMPG1212	3/4-14	3/4	19	32	32	35
UBC90COMPG1616	1"-11	1"	25	38	34	40

### Notes

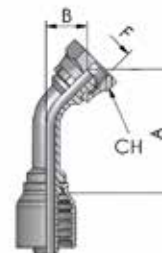
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBC45G

DKR 45° - BSP FEMALE 45°, 60° CONE  
 DKR 45° - FEMMINA 45° BSP, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBC45G0204	1/8-28	1/4	6	15	38	13
UBC45G0404	1/4-19	1/4	6	19	41	16
UBC45G0406	1/4-19	3/8	10	19	55	17
UBC45G0604	3/8-19	1/4	6	22	43	18
UBC45G0606	3/8-19	3/8	10	22	57	18
UBC45G0608	3/8-19	1/2	12	22	62	19
UBC45G0806	1/2-14	3/8	10	27	60	21
UBC45G0808	1/2-14	1/2	12	27	65	22
UBC45G1008	5/8-14	1/2	12	30	68	25
UBC45G1010	5/8-14	5/8	16	30	77	25
UBC45G1208	3/4-14	1/2	12	32	69	26
UBC45G1210	3/4-14	5/8	16	32	79	27
UBC45G1212	3/4-14	3/4	19	32	82	26
UBC45G1612	1"-11	3/4	19	38	84	28
UBC45G1616	1"-11	1"	25	38	111	31

### Notes

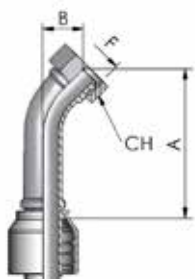
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBPC45G

DKR 45° - BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE  
 DKR 45° - FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSP  
 Norme - Norma: BS 5200

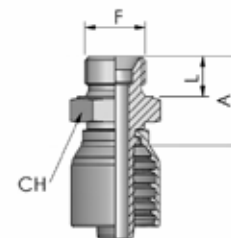
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
UBPC45G1212	3/4-14	3/4	19	32	82	30
UBPC45G1616	1"-11	1"	25	38	90	41
UBPC45G2016	1"1/4-11	1"	25	50	116	36
UBPC45G2020	1"1/4-11	1"1/4	32	50	134	37
UBPC45G2424	1"1/2-11	1"1/2	38	55	122	48
UBPC45G3224	2"-11	1"1/2	38	70	155	44
UBPC45G3232	2"-11	2"	51	70	143	55

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBMG

AGR - BSPP MALE, 60° CONE  
 AGR - MASCHIO BSPP, CONO 60°

Thread - Filetto: BSPP  
 Norme - Norma: BS 5200

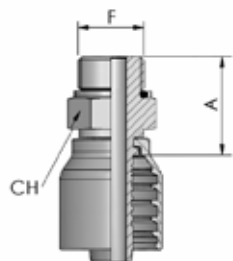
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMG0204	1/8-28	1/4	6	14	20.5	8
UBMG0404	1/4-19	1/4	6	19	25.5	12
UBMG0406	1/4-19	3/8	10	19	26.5	12
UBMG0604	3/8-19	1/4	6	22	26.6	12
UBMG0606	3/8-19	3/8	10	22	27.2	12
UBMG0608	3/8-19	1/2	12	22	27.8	12
UBMG0804	1/2-14	1/4	6	27	29.7	14
UBMG0806	1/2-14	3/8	10	27	30.3	14
UBMG0808	1/2-14	1/2	12	27	30.9	14
UBMG0810	1/2-14	5/8	16	27	30.9	14
UBMG1008	5/8-14	1/2	12	28	34.2	16
UBMG1010	5/8-14	5/8	16	28	34.2	16
UBMG1208	3/4-14	1/2	12	32	34.3	16
UBMG1210	3/4-14	5/8	16	32	34.3	16
UBMG1212	3/4-14	3/4	19	32	35	16
UBMG1612	1"-11	3/4	19	41	37.1	18
UBMG1616	1"-11	1"	25	41	38.1	18
UBMG2016	1"1/4-11	1"	25	50	46.1	20
UBMG2020	1"1/4-11	1"1/4	32	50	47.5	20
UBMG2420*	1"1/2-11	1"1/4	32	55	50.5	22
UBMG2424	1"1/2-11	1"1/2	38	55	51	22
UBMG3232	2"-11	2"	51	70	54	24

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES BSPP MALE O-RING FLAT SEAL STRAIGHT  
 INSERTI MASCHIO FACCIA PIANA CON O-RING ONE PIECE TUBI TRECCIATI

## UBMORG

BSPP - MALE O-RING FLAT SEAL STRAIGHT CONE  
 BSPP - MASCHIO FACCIA PIANA CON O-RING

Thread -Filetto: BSPP

Norme - Norma:

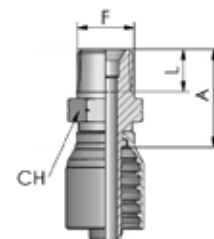
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	
UBMORG0404	1/4-19	1/4	6	17	-	
UBMORG0406	1/4-19	3/8	10	19	-	
UBMORG0606	3/8-19	3/8	10	22	-	
UBMORG0804	1/2-14	1/4	6	27	-	
UBMORG0806	1/2-14	3/8	10	27	-	
UBMORG0808	1/2-14	1/2	12	27	-	
UBMORG1010	5/8-14	5/8	16	30	-	
UBMORG1210	3/4-14	5/8	16	32	-	
UBMORG1212	3/4-14	3/4	19	32	-	
UBMORG1216	3/4-14	1"	25	32	-	
UBMORG1616	1"-11	1"	25	41	-	
UBMORG2020	1"1/4-11	1"1/4	32	50	-	

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBMC

AGR K - BSPT MALE, 60° CONE  
 AGR K - MASCHIO BSPT, CONO 60°

Thread -Filetto: BSPT

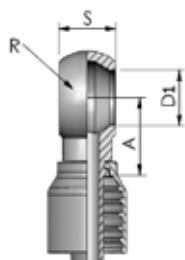
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
UBMC0204	1/8-28	1/4	6	12	22.2	10
UBMC0404	1/4-19	1/4	6	15	27	14
UBMC0406	1/4-19	3/8	10	15	25	12.5
UBMC0604	3/8-19	1/4	6	19	28.5	15
UBMC0606	3/8-19	3/8	10	19	29	14.5
UBMC0806	1/2-14	3/8	10	22	34.5	19
UBMC0808	1/2-14	1/2	12	22	35.1	19
UBMC1212	3/4-14	3/4	19	27	37.1	19
UBMC1612	1"-11	3/4	19	36	43.1	24
UBMC1616	1"-11	1"	25	36	44.1	24
UBMC2020	1"1/4-11	1"1/4	32	46	49.5	24.5
UBMC2424	1"1/2-11	1"1/2	38	50	51	25
UBMC3232	2"-11	2"	51	65	53	26

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES BSP FITTINGS 60°  
 INSERTI BSP 60° ONE PIECE TUBI TRECCIATI

## UBOG

RNR - BSP BANJO  
 RNR - OCCHIO BSP

Thread - Filetto: BSP

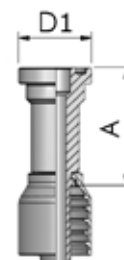
Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
UBOG0204	1/4	6	24.8	8.5	1/8	10
UBOG0404	1/4	6	23.3	12	1/4	14
UBOG0406	3/8	10	23.4	12	1/4	14
UBOG0604	1/4	6	26.8	14	3/8	17
UBOG0606	3/8	10	26.9	14	3/8	17
UBOG0608	1/2	12	27.5	14	3/8	17
UBOG0806	3/8	10	29	18	1/2	23
UBOG0808	1/2	12	29.6	18	1/2	23
UBOG1206	3/8	10	46	23	3/4	29
UBOG1208	1/2	12	39	22.5	3/4	29.5
UBOG1210	5/8	16	39	22.5	3/4	29.5
UBOG1212	3/4	19	40	22.5	3/4	29.5
UBOG1612	3/4	19	46.6	29	1"	38
UBOG1616	1"	25	47	29	1"	38

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES FLANGES  
 FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI3

SFL - SAE FLANGE 3000 PSI  
 SFL - FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518

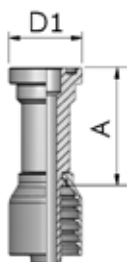
Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPI30808	1/2	1/2	12	30.2	48.8
UBFLPI31208	3/4	1/2	12	38.1	52.8
UBFLPI31210	3/4	5/8	16	38.1	50.8
UBFLPI31212	3/4	3/4	19	38.1	54.6
UBFLPI31612	1"	3/4	19	44.5	60.6
UBFLPI31616	1"	1"	25	44.5	60.8
UBFLPI32016	1"1/4	1"	25	50.8	65.3
UBFLPI32020	1"1/4	1"1/4	32	50.8	65.8
UBFLPI32420	1"1/2	1"1/4	32	60.4	71.3
UBFLPI32424	1"1/2	1"1/2	38	60.4	70.9
UBFLPI33232	2"	2"	51	71.4	77.5

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

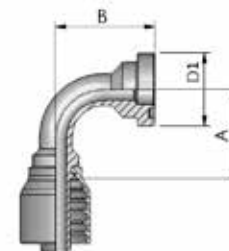


ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI6

SFS - SAE FLANGE 6000 PSI  
SFS - FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518



ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI390

SFL 90° - SAE FLANGE 90° 3000 PSI  
SFL 90° - FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPI60808	1/2	1/2	12	31.7	48.8
UBFLPI61208	3/4	1/2	12	41.3	56.8
UBFLPI61210	3/4	5/8	16	41.3	54.8
UBFLPI61212	3/4	3/4	19	41.3	58.6
UBFLPI61612	1"	3/4	19	47.6	64.6
UBFLPI61616	1"	1"	25	47.6	66.1
UBFLPI62016	1"1/4	1"	25	54	71.1
UBFLPI62020	1"1/4	1"1/4	32	54	72.3
UBFLPI62420	1"1/2	1"1/4	32	63.5	81.8
UBFLPI62424	1"1/2	1"1/2	38	63.5	81.4
UBFLPI63232	2"	2"	51	79.4	100.5

### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

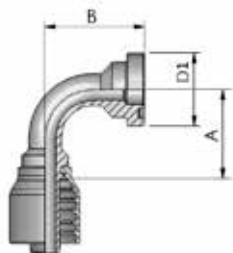
### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI3900806	1/2	3/8	10	30.2	34	37
UBFLPI3900808	1/2	1/2	12	30.2	39	42
UBFLPI3901208	3/4	1/2	12	38.1	39	47
UBFLPI3901210	3/4	5/8	16	38.1	48	50
UBFLPI3901212	3/4	3/4	19	38.1	50	50
UBFLPI3901612	1"	3/4	19	44.5	50	53
UBFLPI3901616	1"	1"	25	44.5	72	70
UBFLPI3902016	1"1/4	1"	25	50.8	72	67
UBFLPI3902020	1"1/4	1"1/4	32	50.8	88	73
UBFLPI3902420	1"1/2	1"1/4	32	60.4	88	78
UBFLPI3902424	1"1/2	1"1/2	38	60.4	108	88
UBFLPI3903232	2"	2"	51	71.5	126	130

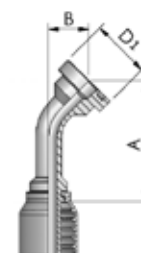


ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI690

SFS 90° - SAE FLANGE 90° 6000 PSI  
SFS 90° - FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518



ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI345

SFL 45° - SAE FLANGE 45° 3000 PSI  
SFL 45° - FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518

### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI6900808	1/2	1/2	12	31.7	39	43
UBFLPI6901208	3/4	1/2	12	41.3	39	51
UBFLPI6901210	3/4	5/8	16	41.3	48	54
UBFLPI6901212	3/4	3/4	19	41.3	50	54
UBFLPI6901612	1"	3/4	19	47.6	50	60
UBFLPI6901616	1"	1"	25	47.6	72	71
UBFLPI6902016	1"1/4	1"	25	54	72	78
UBFLPI6902020	1"1/4	1"1/4	32	54	88	84
UBFLPI6902420	1"1/2	1"1/4	32	63.5	88	93
UBFLPI6902424	1"1/2	1"1/2	38	63.5	99	101
UBFLPI6903224	2"	1"1/2	38	79.4	105	109
UBFLPI6903232	2"	2"	51	79.4	127	133

### Notes

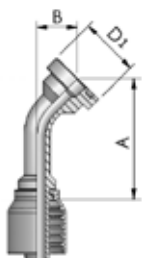
FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI3450808	1/2	1/2	12	30.2	64	21
UBFLPI3451208	3/4	1/2	12	38.1	68	25
UBFLPI3451210	3/4	5/8	16	38.1	78	25
UBFLPI3451212	3/4	3/4	19	38.1	80	24
UBFLPI3451612	1"	3/4	19	44.5	82	27
UBFLPI3451616	1"	1"	25	44.5	113	34
UBFLPI3452016	1"1/4	1"	25	50.8	111	31
UBFLPI3452020	1"1/4	1"1/4	32	50.8	129	32
UBFLPI3452420	1"1/2	1"1/4	32	60.4	133	36
UBFLPI3452424	1"1/2	1"1/2	38	60.4	116	41
UBFLPI3453232	2"	2"	51	71.4	148	60





ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPI645

SFS 45° - SAE FLANGE 45° 6000 PSI  
SFS 45° - FLANGIA 45° SAE 6000 PSI

Norme - Norma: SAE J518

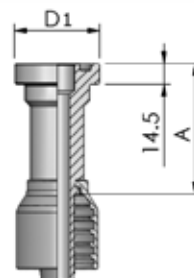
### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPI6450808	1/2	1/2	12	31.7	65	22
UBFLPI6451208	3/4	1/2	12	41.3	71	28
UBFLPI6451210	3/4	5/8	16	41.3	81	28
UBFLPI6451212	3/4	3/4	19	41.3	83	27
UBFLPI6451612	1"	3/4	19	47.6	87	31
UBFLPI6451616	1"	1"	25	47.6	114	34
UBFLPI6452016	1"1/4	1"	25	54	119	39
UBFLPI6452020	1"1/4	1"1/4	32	54	137	40
UBFLPI6452420	1"1/2	1"1/4	32	63.5	143	46
UBFLPI6452424	1"1/2	1"1/2	38	63.5	158	46
UBFLPI6453232	2"	2"	51	79.4	203	59

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPIR6

SFC - SUPERCAT FLANGE  
SFC - FLANGIA SUPERCAT

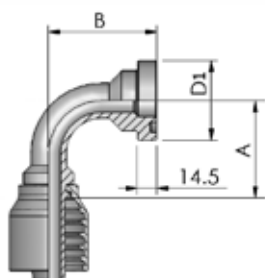
### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
UBFLPIR61212	3/4	3/4	19	41.3	65.8
UBFLPIR61612	1"	3/4	19	47.6	69.6
UBFLPIR61616	1"	1"	25	47.6	71.1
UBFLPIR62016	1"1/4	1"	25	54	75
UBFLPIR62020	1"1/4	1"1/4	32	54	76.5

### Note

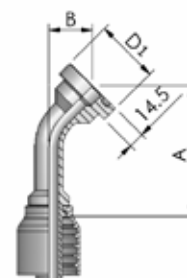
PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPIR690

SFC 90° - SUPERCAT FLANGE 90°  
SFC 90° - FLANGIA 90° SUPERCAT



ONE PIECE WIRE BRAIDED HOSES FLANGES  
FLANGE ONE PIECE TUBI TRECCIATI

## UBFLPIR645

SFC 45° - SUPERCAT FLANGE 45°  
SFC 45° - FLANGIA 45° SUPERCAT

### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPIR6901212	3/4	3/4	19	41.3	50	60
UBFLPIR6901612	1"	3/4	19	47.6	50	65
UBFLPIR6901616	1"	1"	25	47.6	72	76
UBFLPIR6902016	1"1/4	1"	25	54	72	82
UBFLPIR6902020	1"1/4	1"1/4	32	54	88	88

### Notes

FOR HOSE:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

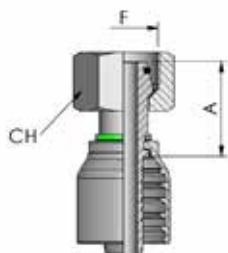
Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
UBFLPIR6451212	3/4	3/4	19	41.3	87	31
UBFLPIR6451612	1"	3/4	19	47.6	91	35
UBFLPIR6451616	1"	1"	25	47.6	117	38
UBFLPIR6452016	1"1/4	1"	25	54	122	42
UBFLPIR6452020	1"1/4	1"1/4	32	54	140	43

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM

### Note

PER TUBO:  
SAE 100 R1/2T  
SAE 100 R17/R16S  
DIN EN 853 1/2SN  
DIN EN 857 1/2SC  
1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBFEL

DKOL - METRIC O-RING FEMALE, 24° CONE, LIGHT  
 DKOL - FEMMINA METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

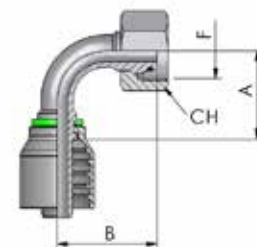
\* CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBFEL0604*	M12x1,5	1/4	6	6	14	26.5	
UBFEL0804	M14x1,5	1/4	6	8	17	22.4	
UBFEL1004	M16x1,5	1/4	6	10	19	24.6	
UBFEL1006*	M16x1,5	3/8	10	10	19	28.5	
UBFEL1204	M18x1,5	1/4	6	12	22	23.9	
UBFEL1206	M18x1,5	3/8	10	12	22	24	
UBFEL1506	M22x1,5	3/8	10	15	27	25.2	
UBFEL1508	M22x1,5	1/2	12	15	27	25.8	
UBFEL1808	M26x1,5	1/2	12	18	32	26.8	
UBFEL1810	M26x1,5	5/8	16	18	32	26.8	
UBFEL2210	M30x2	5/8	16	22	36	28.8	
UBFEL2212	M30x2	3/4	19	22	36	29.8	
UBFEL2816	M36x2	1"	25	28	41	31.3	
UBFEL3520	M45x2	1"1/4	32	35	50	36.4	
UBFEL4224	M52x2	1"1/2	38	42	60	38.4	



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBC90EL

DKOL 90° - METRIC O-RING FEMALE 90°, 24° CONE, LIGHT  
 DKOL 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

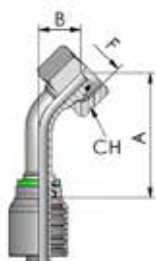
\* CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC90EL0604*	M12x1,5	1/4	6	6	14	23	38
UBC90EL0804	M14x1,5	1/4	6	8	17	29	35
UBC90EL1004	M16x1,5	1/4	6	10	19	29	37
UBC90EL1006*	M16x1,5	3/8	10	10	19	35	45
UBC90EL1204	M18x1,5	1/4	6	12	22	33	31
UBC90EL1206	M18x1,5	3/8	10	12	22	38	35
UBC90EL1506	M22x1,5	3/8	10	15	27	38	37
UBC90EL1508	M22x1,5	1/2	12	15	27	40	41
UBC90EL1808	M26x1,5	1/2	12	18	32	38	45
UBC90EL1810	M26x1,5	5/8	16	18	32	46	48
UBC90EL2212	M30x2	3/4	19	22	36	52	50
UBC90EL2816	M36x2	1"	25	28	41	72	65
UBC90EL3520	M45x2	1"1/4	32	35	50	98	77
UBC90EL4224	M52x2	1"1/2	38	42	60	105	96



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBC45EL

DKOL 45° - METRIC O-RING FEMALE 45°, 24° CONE, LIGHT  
 DKOL 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC45EL0604*	M12x1,5	1/4	6	6	14	47	22
UBC45EL0804	M14x1,5	1/4	6	8	17	50	17
UBC45EL1004	M16x1,5	1/4	6	10	19	52	18
UBC45EL1006*	M16x1,5	3/8	10	10	19	63	25
UBC45EL1204	M18x1,5	1/4	6	12	22	52	17
UBC45EL1206	M18x1,5	3/8	10	12	22	58	18
UBC45EL1506	M22x1,5	3/8	10	15	27	60	19
UBC45EL1508	M22x1,5	1/2	12	15	27	65	21
UBC45EL1808	M26x1,5	1/2	12	18	32	65	23
UBC45EL1810	M26x1,5	5/8	16	18	32	74	23
UBC45EL2212	M30x2	3/4	19	22	36	80	24
UBC45EL2812	M36x2	3/4	19	28	41	102	35
UBC45EL2816	M36x2	1"	25	28	41	109	30
UBC45EL3520	M45x2	1"1/4	32	35	50	142	34
UBC45EL4224	M52x2	1"1/2	38	42	60	160	43

### Notes

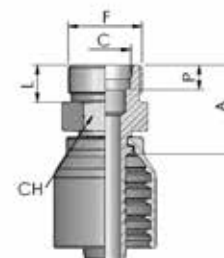
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBMEEL

CEL - METRIC MALE, 24° CONE, LIGHT  
 CEL - MASCHIO METRICO, CONO 24°, SERIE LEGGERA

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3861

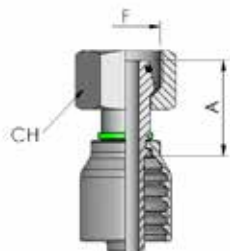
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
UBMEEL0604	M12x1,5	1/4	6	6	12	20.9	7	10
UBMEEL0804	M14x1,5	1/4	6	8	14	21.9	7	10
UBMEEL1004	M16x1,5	1/4	6	10	17	22.9	7	11
UBMEEL1006	M16x1,5	3/8	10	10	17	23.5	7	11
UBMEEL1204	M18x1,5	1/4	6	12	19	23.9	7	11
UBMEEL1206	M18x1,5	3/8	10	12	19	24.5	7	11
UBMEEL1506	M22x1,5	3/8	10	15	22	25.5	7	12
UBMEEL1508	M22x1,5	1/2	12	15	22	26.1	7	12
UBMEEL1808	M26x1,5	1/2	12	18	27	27.1	7.5	12
UBMEEL1810	M26x1,5	5/8	16	18	27	27.1	7.5	12
UBMEEL2210	M30x2	5/8	16	22	30	29	7.5	14
UBMEEL2212	M30x2	3/4	19	22	30	30.1	7.5	14
UBMEEL2816	M36x2	1"	25	28	36	32.1	7.5	14
UBMEEL3520	M45x2	1"1/4	32	35	46	36.5	10.5	16
UBMEEL4224	M52x2	1"1/2	38	42	55	39	11	16

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBFES

DKOS - METRIC O-RING FEMALE, 24° CONE, HEAVY  
 DKOS - FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

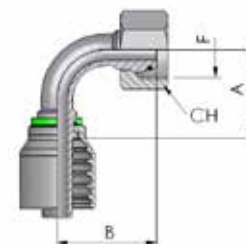
\* CRIMPED NUT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBFES0604*	M14x1,5	1/4	6	6	17	26.5	
UBFES0804	M16x1,5	1/4	6	8	19	22.4	
UBFES1004	M18x1,5	1/4	6	10	22	24.6	
UBFES1006*	M18x1,5	3/8	10	10	22	28.5	
UBFES1204	M20x1,5	1/4	6	12	24	23.9	
UBFES1206	M20x1,5	3/8	10	12	24	24	
UBFES1406	M22x1,5	3/8	10	14	27	28.7	
UBFES1608	M24x1,5	1/2	12	16	30	28.9	
UBFES1610	M24x1,5	5/8	16	16	30	30	
UBFES2010	M30x2	5/8	16	20	36	31.5	
UBFES2012	M30x2	3/4	19	20	36	32.5	
UBFES2512	M36x2	3/4	19	25	46	37.5	
UBFES2516	M36x2	1"	25	25	46	36.9	
UBFES3016	M42x2	1"	25	30	50	40.1	
UBFES3020	M42x2	1"1/4	32	30	50	41	
UBFES3820	M52x2	1"1/4	32	38	60	44.2	

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBC90ES

DKOS 90° - METRIC O-RING FEMALE 90°, 24° CONE, HEAVY  
 DKOS 90° - FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

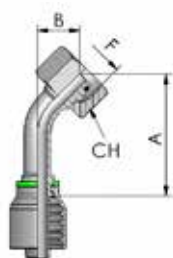
\* CRIMPED NUT

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC90ES0604*	M14x1,5	1/4	6	6	17	23	38
UBC90ES0804	M16x1,5	1/4	6	8	19	29	35
UBC90ES1004	M18x1,5	1/4	6	10	22	29	37
UBC90ES1006*	M18x1,5	3/8	10	10	22	35	45
UBC90ES1204	M20x1,5	1/4	6	12	24	33	31
UBC90ES1206	M20x1,5	3/8	10	12	24	38	35
UBC90ES1406	M22x1,5	3/8	10	14	27	36	38
UBC90ES1608	M24x1,5	1/2	12	16	30	38	44
UBC90ES2008	M30x2	1/2	12	20	36	50	65
UBC90ES2010	M30x2	5/8	16	20	36	46	51
UBC90ES2012	M30x2	3/4	19	20	36	52	51
UBC90ES2512	M36x2	3/4	19	25	46	52	55
UBC90ES2516	M36x2	1"	25	25	46	72	66
UBC90ES3016	M42x2	1"	25	30	50	72	70
UBC90ES3020	M42x2	1"1/4	32	30	50	95	85
UBC90ES3820	M52x2	1"1/4	32	38	60	99	81

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBC45ES

DKOS 45° - METRIC O-RING FEMALE 45°, 24° CONE, HEAVY  
 DKOS 45° - FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3865

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
UBC45ES0604*	M14X1,5	1/4	6	6	17	47	22
UBC45ES0804	M16x1,5	1/4	6	8	19	50	17
UBC45ES1004	M18x1,5	1/4	6	10	22	52	18
UBC45ES1006*	M18x1,5	3/8	10	10	22	63	25
UBC45ES1204	M20x1,5	1/4	6	12	24	53	17
UBC45ES1206	M20x1,5	3/8	10	12	24	58	18
UBC45ES1406	M22x1,5	3/8	10	14	27	59	20
UBC45ES1608	M24x1,5	1/2	12	16	30	64	22
UBC45ES2010	M30x2	5/8	16	20	36	77	26
UBC45ES2012	M30x2	3/4	19	20	36	82	25
UBC45ES2512	M36x2	3/4	19	25	46	84	28
UBC45ES2516	M36x2	1"	25	25	46	110	31
UBC45ES3016	M42x2	1"	25	30	50	113	33
UBC45ES3020	M42x2	1"1/4	32	30	50	140	45
UBC45ES3820	M52x2	1"1/4	32	38	60	146	38

### Notes

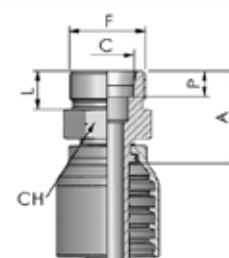
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* CRIMPED NUT

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

\* DADO PINZATO



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 24°  
 INSERTI METRICI 24° ONE PIECE TUBI TRECCIATI

## UBMES

CES - METRIC MALE, 24° CONE, HEAVY  
 CES - MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 3861

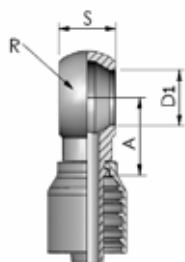
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
UBMES0604	M14X1,5	1/4	6	6	14	23.9	7	12
UBMES0804	M16x1,5	1/4	6	8	17	26.9	7	12
UBMES1004	M18x1,5	1/4	6	10	19	26.9	7.5	12
UBMES1006	M18x1,5	3/8	10	10	19	27.5	7.5	12
UBMES1206	M20x1,5	3/8	10	12	22	29.5	7.5	12
UBMES1406	M22x1,5	3/8	10	14	22	31.5	8	14
UBMES1408	M22x1,5	1/2	12	14	22	32.1	8	14
UBMES1608	M24x1,5	1/2	12	16	24	32.1	8.5	14
UBMES2010	M30x2	5/8	16	20	30	36.1	10.5	16
UBMES2012	M30x2	3/4	19	20	30	37.1	10.5	16
UBMES2512	M36x2	3/4	19	25	36	41.1	12	18
UBMES2516	M36x2	1"	25	25	36	42.1	12	18
UBMES3016	M42x2	1"	25	30	46	44.1	13.5	20
UBMES3816	M52x2	1"	25	38	55	45	16	22
UBMES3820	M52x2	1"1/4	32	38	55	48.5	16	22
UBMES3824	M52x2	1"1/2	38	38	55	42.5	16	22

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES METRIC FITTINGS 60°  
 INSERTI METRICI 60° ONE PIECE TUBI TRECCIATI

## UBOM

RNM - METRIC BANJO  
 RNM - OCCHIO METRICO

Thread - Filetto: METRICO - METRIC  
 Norme - Norma: DIN 7642

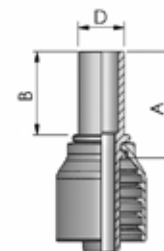
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)			
	Inch/Pollici	DN (mm)	A	R	D1	S
UBOM1004	1/4	6	24.8	8.5	M10	10
UBOM1204	1/4	6	28.3	10	M12	12
UBOM1404	1/4	6	24.8	12	M14	14
UBOM1406	3/8	10	25.4	12	M14	14
UBOM1604	1/4	6	26.7	14	M16	17
UBOM1606	3/8	10	26.9	14	M16	17
UBOM1804	1/4	6	31.9	16	M18	20
UBOM1806	3/8	10	32.3	16	M18	20
UBOM1808	1/2	12	29.3	16	M18	20
UBOM2006	3/8	10	27.8	17.5	M20	22
UBOM2008	1/2	12	28.3	17.5	M20	22
UBOM2206	3/8	10	32.3	18	M22	22
UBOM2208	1/2	12	29.6	18	M22	22
UBOM2210	5/8	16	30.5	18	M22	22
UBOM2610	5/8	16	38	22.5	M26	29
UBOM2612	3/4	19	38	22.5	M26	29



ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD

BEL/BES - METRIC STANDPIPE  
 BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353

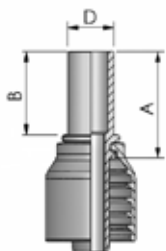
### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)	mm	A	B
UBCOD0604	1/4	6	6	31.2	24
UBCOD0804	1/4	6	8	31.2	24
UBCOD1004	1/4	6	10	31.2	24
UBCOD1006	3/8	10	10	31.5	24
UBCOD1204	1/4	6	12	32	27.3
UBCOD1206	3/8	10	12	32.5	25
UBCOD1208	1/2	12	12	33.1	25
UBCOD1406	3/8	10	14	36.3	29
UBCOD1408	1/2	12	14	37.1	29
UBCOD1506	3/8	10	15	36.5	29
UBCOD1508	1/2	12	15	36.8	29
UBCOD1608	1/2	12	16	37.1	29
UBCOD1808	1/2	12	18	37.1	29
UBCOD1810	5/8	16	18	36.8	29
UBCOD1812	3/4	19	18	37.5	29
UBCOD2008	1/2	12	20	43.8	38.5
UBCOD2010	5/8	16	20	43.8	36
UBCOD2012	3/4	19	20	44.5	36
UBCOD2210	5/8	16	22	36.8	29
UBCOD2212	3/4	19	22	37.5	29
UBCOD2512	3/4	19	25	44.5	36
UBCOD2516	1"	25	25	46.1	36
UBCOD2816	1"	25	28	45.8	36

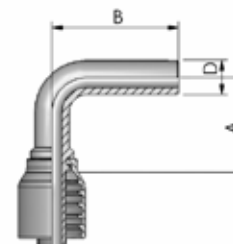


ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD

BEL/BES - METRIC STANDPIPE  
 BEL/BES - CODOLO METRICO DIRITTO

Norme - Norma: DIN 2353



ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD90

BEL/BES 90° - METRIC STANDPIPE 90°  
 BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		A	B
UBCOD3016	1"	25	30	46.1	36
UBCOD3020	1"1/4	32	30	51	38
UBCOD3520	1"1/4	32	35	46	35
UBCOD3820	1"1/4	32	38	53	40
UBCOD3824	1"1/2	38	38	58	45
UBCOD4224	1"1/2	38	42	55	42

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Notes

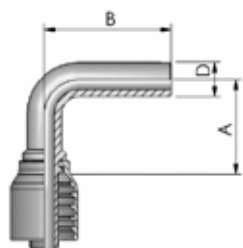
FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		A	B
UBCOD900604	1/4	6	6	28	38
UBCOD900804	1/4	6	8	28	38
UBCOD901004	1/4	6	10	32	36
UBCOD901006	3/8	10	10	32	41
UBCOD901204	1/4	6	12	33	43
UBCOD901206	3/8	10	12	33	44
UBCOD901208	1/2	12	12	33	45
UBCOD901406	3/8	10	14	35	48
UBCOD901408	1/2	12	14	35	48
UBCOD901506	3/8	10	15	38	53
UBCOD901508	1/2	12	15	38	53
UBCOD901608	1/2	12	16	43	56
UBCOD901808	1/2	12	18	45	58
UBCOD901810	5/8	16	18	45	58
UBCOD901812	3/4	19	18	43	57
UBCOD902008	1/2	12	20	48	65
UBCOD902010	5/8	16	20	51	63
UBCOD902012	3/4	19	20	51	66
UBCOD902210	5/8	16	22	47	70
UBCOD902212	3/4	19	22	55	72
UBCOD902512	3/4	19	25	58	74
UBCOD902516	1"	25	25	61	74
UBCOD902816	1"	25	28	68	84

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM





ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD90

BEL/BES 90° - METRIC STANDPIPE 90°  
 BEL/BES 90° - CODOLO METRICO 90°

Norme - Norma: DIN 2353

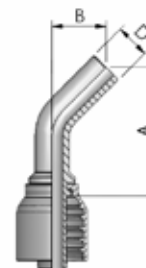
Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		A	B
UBCOD903016	1"	25	30	76	87
UBCOD903520	1"1/4	32	35	68	95
UBCOD903820	1"1/4	32	38	83	105
UBCOD904220	1"1/4	32	42	96	115
UBCOD904224	1"1/2	38	42	85	110

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD45

BEL/BES 45° - METRIC STANDPIPE 45°  
 BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

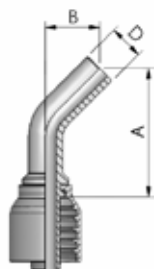
Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		A	B
UBCOD450604	1/4	6	6	40	22
UBCOD450804	1/4	6	8	46	20
UBCOD451004	1/4	6	10	43	20
UBCOD451006	3/8	10	10	43	22
UBCOD451204	1/4	6	12	52	24
UBCOD451206	3/8	10	12	52	25
UBCOD451406	3/8	10	14	52	25
UBCOD451408	1/2	12	14	52	31
UBCOD451506	3/8	10	15	56	24
UBCOD451508	1/2	12	15	56	24
UBCOD451608	1/2	12	16	54	25
UBCOD451808	1/2	12	18	61	26
UBCOD451810	5/8	16	18	75	33
UBCOD452008	1/2	12	20	67	35
UBCOD452010	5/8	16	20	81	40
UBCOD452012	3/4	19	20	70	40
UBCOD452210	5/8	16	22	77	34
UBCOD452212	3/4	19	22	77	34
UBCOD452512	3/4	19	25	82	36
UBCOD452516	1"	25	25	82	36
UBCOD452816	1"	25	28	87	44
UBCOD453016	1"	25	30	90	44
UBCOD453520	1"1/4	32	35	99	46

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES STANDPIPES  
 CODOLI ONE PIECE TUBI TRECCIATI

## UBCOD45

BEL/BES 45° - METRIC STANDPIPE 45°  
 BEL/BES 45° - CODOLO METRICO 45°

Norme - Norma: DIN 2353

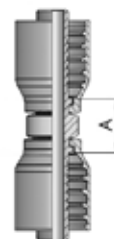
Code Article Codice Articolo	Hose Tubo		D Standpipe D Codolo	Dimensions (mm) Dimensioni (mm)	
	Inch/Pollici	DN (mm)		A	B
UBCOD453820	1"1/4	32	38	104	51
UBCOD453824	1"1/2	38	38	100	54
UBCOD454224	1"1/2	38	42	113	60

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES HOSE JUNCTION  
 GIUNZIONE PER TUBI FLESSIBILI ONE PIECE TUBI TRECCIATI

## UBGPG

HOSE JUNCTION  
 GIUNZIONE PER TUBI FLESSIBILI

Norme - Norma:

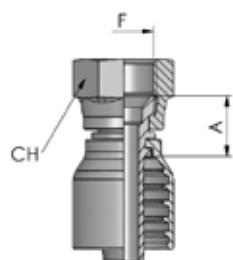
Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)
	Inch/Pollici	DN (mm)	
UBGPG0404	1/4	6	17
UBGPG0606	3/8	10	17
UBGPG0808	1/2	12	18
UBGPG1010	5/8	16	18
UBGPG1212	3/4	19	19
UBGPG1616	1"	25	21
UBGPG2020	1"1/4	32	24

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES JIS FITTINGS KOMATSU  
 INSERTI JIS ONE PIECE TUBI TRECCIATI

## UBFKTS

JISK - JIS KOMATSU FEMALE, 60° CONE  
 JISK - FEMMINA JIS KOMATSU, CONO 60°

Thread - Filetto: METRICO - METRIC

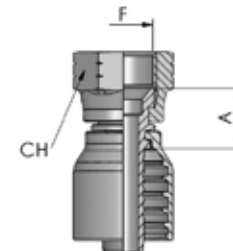
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFKTS1204	12X1,5	1/4	6	17	10.5
UBFKTS1404	14X1,5	1/4	6	19	10.5
UBFKTS1606	16X1,5	3/8	10	22	12
UBFKTS1806	18X1,5	3/8	10	24	12
UBFKTS2008	20X1,5	1/2	12	27	13
UBFKTS2208	22X1,5	1/2	12	27	13.5
UBFKTS2410	24X1,5	5/8	16	30	14

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM



ONE PIECE WIRE BRAIDED HOSES JIS FITTINGS TOYOTA  
 INSERTI JIS TOYOTA ONE PIECE TUBI TRECCIATI

## UBFJS

JIST - JIS TOYOTA FEMALE, 60° CONE  
 JIST - FEMMINA JIS TOYOTA, CONO 60°

Thread - Filetto: BSP

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
UBFJS0404	1/4-19	1/4	6	17	10.5
UBFJS0606	3/8-19	3/8	10	22	12
UBFJS0808	1/2-14	1/2	12	27	13.5
UBFJS1212	3/4-14	3/4	19	32	14
UBFJS1616	1"-11	1"	25	38	15

### Notes

FOR HOSE:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

### Note

PER TUBO:  
 SAE 100 R1/2T  
 SAE 100 R17/R16S  
 DIN EN 853 1/2SN  
 DIN EN 857 1/2SC  
 1/2SNK PREMIUM

# DRY-SPIRAL ONE PIECE

The combination of **FB Dry-Spiral** fittings and high pressure spiral hoses, united by an innovative crimping process, grants 1.000.000 cycles (Test in accordance with the norm EN6803).

**FB Hydraulic** wants to assure a constant innovation to its own customers in terms of quality and enlargement of the product range, therefore the range of Dry-Spiral fittings NO SKIVE has been born to meet specific market needs, such as the speed of assembly and the continuous cost reduction.

I raccordi **FB Dry-spiral** ed i tubi spirali ad alta pressione unitamente ad un processo di raccordatura all'avanguardia permettono di garantire 1.000.000 di cicli (test realizzato secondo la norma EN6803).

**FB Hydraulic** vuole assicurare ai propri clienti un'innovazione costante in termini di qualità e di ampliamento della gamma dei prodotti, pertanto è nata la tipologia di raccordi Dry-spiral NO SKIVE per far fronte a specifiche esigenze di mercato, quali la velocità dei tempi di assemblaggio e la continua riduzione dei costi.

DRY-SPIRAL ONE PIECE FITTINGS  
RACCORDI DRY-SPIRAL ONE PIECE



**USDFJDE**



74

DKJ - DRY-SPIRAL JIC FEMALE THRUST WIRE NUT, DOUBLE HEXAGON 37° CONE  
DKJ - DRY-SPIRAL FEMMINA JIC DADO SPINATO, DOPPIO ESAGONO CONO 37°

**USDC90J**



75

DKJ 90° - DRY-SPIRAL JIC FEMALE 90° THRUST WIRE NUT, 37° CONE  
DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC DADO SPINATO, CONO 37°

**USDCL90J**



76

DKJ 90° - DRY-SPIRAL JIC LONG FEMALE 90° THRUST WIRE NUT, 37° CONE  
DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC LUNGA DADO SPINATO, CONO 37°

**USDC45J**



77

DKJ 45° - DRY-SPIRAL JIC FEMALE 45° THRUST WIRE NUT, 37° CONE  
DKJ 45° - DRY-SPIRAL FEMMINA 45° JIC DADO SPINATO, CONO 37°

**USDFLPI3**



90

SFL - DRY-SPIRAL SAE FLANGE 3000 PSI  
SFL - DRY-SPIRAL FLANGIA SAE 3000 PSI

**USDFLPI6**



91

SFS - DRY-SPIRAL SAE FLANGE 6000 PSI  
SFS - DRY-SPIRAL FLANGIA SAE 6000 PSI

**USDFLPI390**



92

SFL 90° - DRY-SPIRAL SAE FLANGE 90° 3000 PSI  
SFL 90° - DRY-SPIRAL FLANGIA 90° SAE 3000 PSI

**USDFLPI690**



93

SFS 90° - DRY-SPIRAL SAE FLANGE 90° 6000 PSI  
SFS 90° - DRY-SPIRAL FLANGIA 90° SAE 6000 PSI

**USDMJ**



78

AGJ - DRY-SPIRAL JIC MALE, 37° CONE  
AGJ - DRY-SPIRAL MASCHIO JIC, CONO 37°

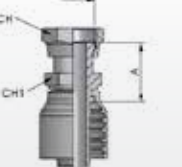
**USDMNPT**



79

AGN - DRY-SPIRAL NPTF MALE  
AGN - DRY-SPIRAL MASCHIO NPTF

**USDFORFSDE**



80

DKO - DRY-SPIRAL ORFS FEMALE DOUBLE HEXAGON  
DKO - DRY-SPIRAL FEMMINA ORFS DOPPIO ESAGONO

**USDC90ORFS**



81

DKO 90° - DRY-SPIRAL ORFS FEMALE 90°  
DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS

**USDFLPI345**



94

SFL 45° - DRY-SPIRAL SAE FLANGE 45° 3000 PSI  
SFL 45° - DRY-SPIRAL FLANGIA 45° SAE 3000 PSI

**USDFLPI645**



95

SFS 45° - DRY-SPIRAL SAE FLANGE 45° 6000 PSI  
SFS 45° - DRY-SPIRAL FLANGIA 45° SAE 6000 PSI

**USDFLPIR6**



96

SFC - DRY-SPIRAL SUPERCAT FLANGE  
SFC - DRY-SPIRAL FLANGIA SUPERCAT

**USDFLPIR690**



97

SFC 90° - DRY-SPIRAL SUPERCAT FLANGE 90°  
SFC 90° - DRY-SPIRAL FLANGIA 90° SUPERCAT

**USDCL90ORFS**



82

DKO 90° - DRY-SPIRAL ORFS LONG FEMALE 90°  
DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS LUNGA

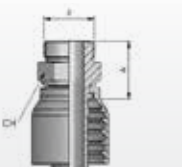
**USDC45ORFS**



83

DKO 45° - DRY-SPIRAL ORFS FEMALE 45°  
DKO 45° - DRY-SPIRAL FEMMINA 45° ORFS

**USDMORFS**



84

AGO - DRY-SPIRAL ORFS MALE  
AGO - DRY-SPIRAL MASCHIO ORFS

**USDFG**



85

DKOR - DRY-SPIRAL BSP FEMALE THRUST WIRE NUT O-RING, 60° CONE  
DKOR - DRY-SPIRAL FEMMINA BSP DADO SPINATO O-RING, CONO 60°

**USDFLPIR645**



98

SFC 45° - DRY-SPIRAL SUPERCAT FLANGE 45°  
SFC 45° - DRY-SPIRAL FLANGIA 45° SUPERCAT

**USDFES**



99

DKOS - DRY-SPIRAL METRIC O-RING FEMALE, 24° CONE, HEAVY  
DKOS - DRY-SPIRAL FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

**USDC90ES**



100

DKOS 90° - DRY-SPIRAL METRIC O-RING FEMALE 90°, 24° CONE, HEAVY  
DKOS 90° - DRY-SPIRAL FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

**USDC45ES**



101

DKOS 45° - DRY-SPIRAL METRIC O-RING FEMALE 45°, 24° CONE, HEAVY  
DKOS 45° - DRY-SPIRAL FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

**USDC90G**



86

DKOR 90° - DRY-SPIRAL BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE  
DKOR 90° - DRY-SPIRAL FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

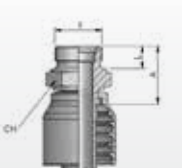
**USDC45G**



87

DKOR 45° - DRY-SPIRAL BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE  
DKOR 45° - DRY-SPIRAL FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

**USDMG**



88

AGR - DRY-SPIRAL BSPP MALE, 60° CONE  
AGR - DRY-SPIRAL MASCHIO BSPP, CONO 60°

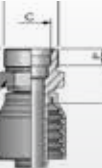
**USDMC**



89

AGN - DRY-SPIRAL BSPT MALE  
AGN - DRY-SPIRAL MASCHIO BSPT

**USDMES**



102

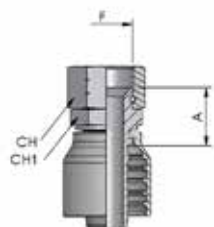
CES - DRY-SPIRAL METRIC MALE, 24° CONE, HEAVY  
CES - DRY-SPIRAL MASCHIO METRICO, CONO 24°, SERIE PESANTE

**index**

**1d**

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ONE PIECE SPIRAL HOSES DRY-SPIRAL JIC FITTINGS 37°  
 INSERTI JIC 37° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFJDE

DKJ - DRY-SPIRAL JIC FEMALE THRUST WIRE NUT DOUBLE  
 HEXAGON, 37° CONE

DKJ - DRY-SPIRAL FEMMINA JIC DADO SPINATO DOPPIO ESAGONO,  
 CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
USDFJDE1612	7/8-14	3/4	19	27	27	33
USDFJDE2012	1"1/16-12	3/4	19	32	27	34
USDFJDE2016	1"1/16-12	1"	25	32	32	36.5
USDFJDE2212	1"3/16-12	3/4	19	36	30	35.5
USDFJDE2512	1"5/16-12	3/4	19	41	32	38
USDFJDE2516	1"5/16-12	1"	25	41	32	39.5
USDFJDE2520	1"5/16-12	1"1/4	32	41	41	45.5
USDFJDE3416	1"5/8-12	1"	25	50	41	46
USDFJDE3420	1"5/8-12	1"1/4	32	50	41	48
USDFJDE4020	1"7/8-12	1"1/4	32	60	46	51
USDFJDE4024	1"7/8-12	1"1/2	38	60	46	53
USDFJDE5024	2"1/2-12	1"1/2	38	75	60	66
USDFJDE5032	2"1/2-12	2"	51	75	60	69

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL JIC FITTINGS 37°  
 INSERTI JIC 37° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC90J

DKJ 90° - DRY-SPIRAL JIC FEMALE 90° THRUST WIRE NUT, 37° CONE  
 DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

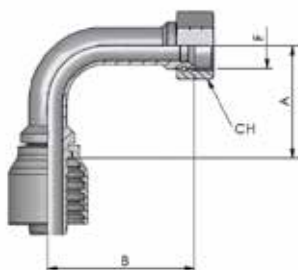
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC90J1612	7/8-12	3/4	19	27	55	55
USDC90J2012	1"1/16-12	3/4	19	32	55	52
USDC90J2016	1"1/16-12	1"	25	32	71	71
USDC90J2212	1"3/16-12	3/4	19	36	55	52
USDC90J2512	1"5/16-12	3/4	19	41	55	56
USDC90J2516	1"5/16-12	1"	25	41	71	67
USDC90J2520	1"5/16-12	1"1/4	32	41	87	84
USDC90J3416	1"5/8-12	1"	25	50	71	69
USDC90J3420	1"5/8-12	1"1/4	32	50	87	81
USDC90J4020	1"7/8-12	1"1/4	32	60	87	82
USDC90J4024	1"7/8-12	1"1/2	38	60	105	97
USDC90J5024	2"1/2-12	1"1/2	38	75	105	102
USDC90J5032	2"1/2-12	2"	51	75	140	132

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL JIC FITTINGS 37°  
 INSERTI JIC 37° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDCL90J

DKJ 90° - DRY-SPIRAL JIC LONG FEMALE 90° THRUST WIRE NUT, 37° CONE

DKJ 90° - DRY-SPIRAL FEMMINA 90° JIC LUNGA DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDCL90J2012	1"1/16-12	3/4	19	32	55	52
USDCL90J2516	1"5/16-12	1"	25	41	71	67
USDCL90J3416	1"5/8-12	1"	25	50	71	69
USDCL90J3420	1"5/8-12	1"1/4	32	50	87	81
USDCL90J4024	1"7/8-12	1"1/2	38	60	105	97
USDCL90J5032	2"1/2-12	2"	51	75	140	132

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL JIC FITTINGS 37°  
 INSERTI JIC 37° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC45J

DKJ 45° - DRY-SPIRAL JIC FEMALE 45° THRUST WIRE NUT, 37° CONE

DKJ 45° - DRY-SPIRAL FEMMINA 45° JIC DADO SPINATO, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

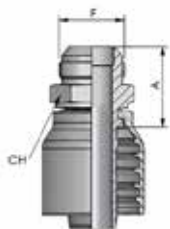
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC45J1612	7/8-14	3/4	19	27	66	28
USDC45J2012	1"1/16-12	3/4	19	32	63	25
USDC45J2016	1"1/16-12	1"	25	32	85	35
USDC45J2212	1"3/16-12	3/4	19	36	63	25
USDC45J2512	1"5/16-12	3/4	19	41	66	28
USDC45J2516	1"5/16-12	1"	25	41	82	32
USDC45J2520	1"5/16-12	1"1/4	32	41	100	41
USDC45J3416	1"5/8-12	1"	25	50	83	33
USDC45J3420	1"5/8-12	1"1/4	32	50	98	38
USDC45J4020	1"7/8-12	1"1/4	32	60	99	39
USDC45J4024	1"7/8-12	1"1/2	38	60	118	46
USDC45J5024	2"1/2-12	1"1/2	38	75	122	50
USDC45J5032	2"1/2-12	2"	51	75	157	62

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL JIC FITTINGS 37°  
 INSERTI JIC 37° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMJ

AGJ - DRY-SPIRAL JIC MALE, 37° CONE  
 AGJ - DRY-SPIRAL MASCHIO JIC, CONO 37°

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J514

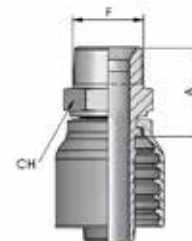
### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
USDMJ1612	7/8"-14	3/4	19	27	37
USDMJ2012	1"1/16-12	3/4	19	27	40
USDMJ2016	1"1/16-12	1"	25	32	43
USDMJ2212	1"3/16-12	3/4	19	32	41.5
USDMJ2512	1"5/16-12	3/4	19	36	43
USDMJ2516	1"5/16-12	1"	25	36	45
USDMJ2520	1"5/16-12	1"1/4	32	41	48.5
USDMJ3416	1"5/8-12	1"	25	46	48
USDMJ3420	1"5/8-12	1"1/4	32	46	50.5
USDMJ4020	1"7/8-12	1"1/4	32	50	55
USDMJ4024	1"7/8-12	1"1/2	38	50	57
USDMJ5024	2"1/2-12	1"1/2	38	65	65.5
USDMJ5032	2"1/2-12	2"	51	65	68.5



ONE PIECE SPIRAL HOSES DRY-SPIRAL NPT FITTINGS 60°  
 INSERTI NPT 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMNPT

AGN - DRY-SPIRAL NPTF MALE  
 AGN - DRY-SPIRAL MASCHIO NPTF

Thread - Filetto: NPTF

### Notes

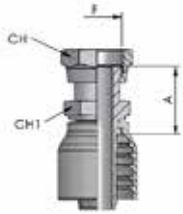
FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
USDMNPT1212	3/4"-14	3/4"	19	27	39
USDMNPT1216	3/4"-14	1"	25	32	41.5
USDMNPT1612	1"-11,5	3/4"	19	36	47
USDMNPT1616	1"-11,5	1"	25	36	48.5
USDMNPT1620	1"-11,5	1"1/4	32	41	52.5
USDMNPT2016	1"1/4-11	1"	25	46	53
USDMNPT2020	1"1/4-11	1"1/4	32	46	55
USDMNPT2420	1"1/2-11	1"1/4	32	50	59
USDMNPT2424	1"1/2-11	1"1/2	38	50	61
USDMNPT3224	2"-11,5	1"1/2	38	65	67.5
USDMNPT3232	2"-11,5	2"	51	65	70.5





ONE PIECE SPIRAL HOSES DRY-SPIRAL ORFS FITTINGS  
 INSERTI ORFS DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFORFSDE

DKO - DRY-SPIRAL ORFS FEMALE DOUBLE HEXAGON  
 DKO - DRY-SPIRAL FEMMINA DOPPIO ESAGONO ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

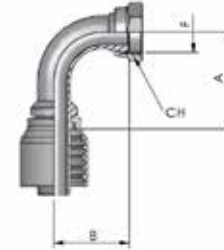
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	CH1	A
USDFORFSDE1812	1"-14	3/4	19	30	27	43
USDFORFSDE2212	1"3/16-12	3/4	19	36	30	46
USDFORFSDE2612	1"7/16-12	3/4	19	41	36	49
USDFORFSDE2616	1"7/16-12	1"	25	41	36	51
USDFORFSDE3616	1"11/16-12	1"	25	50	41	52
USDFORFSDE3620	1"11/16-12	1"1/4	32	50	41	55
USDFORFSDE4624	2"-12	1"1/2	38	60	50	60

### Notes

CRIMPED NUT  
 FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

DADO PINZATO  
 PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL ORFS FITTINGS  
 INSERTI ORFS DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC90ORFS

DKO 90° - DRY-SPIRAL ORFS FEMALE 90°  
 DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

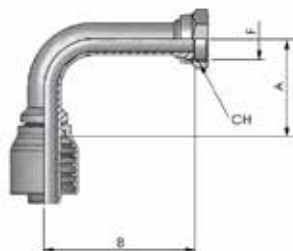
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC90ORFS2212	1"3/16-12	3/4	19	36	54	48
USDC90ORFS2612	1"7/16-12	3/4	19	41	54	49
USDC90ORFS2616	1"7/16-12	1"	25	41	71	62
USDC90ORFS3616	1"11/16-12	1"	25	50	71	62
USDC90ORFS3620	1"11/16-12	1"1/4	32	50	87	75
USDC90ORFS4624	2"-12	1"1/2	38	60	105	90

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL ORFS FITTINGS  
 INSERTI ORFS DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDCL90ORFS

DKO 90° - DRY-SPIRAL ORFS LONG DROP FEMALE 90°  
 DKO 90° - DRY-SPIRAL FEMMINA 90° ORFS LUNGA

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

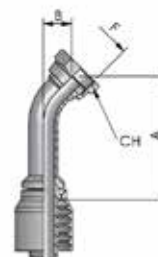
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDCL90ORFS2212	1"3/16-12	3/4	19	36	54	96
USDCL90ORFS2616	1"7/16-12	1"	25	41	71	114
USDCL90ORFS3620	1"11/16-12	1"1/4	32	50	87	130
USDCL90ORFS4624	2"-12	1"1/2	38	60	105	155

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL ORFS FITTINGS  
 INSERTI ORFS DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC45ORFS

DKO 45° - DRY-SPIRAL ORFS FEMALE 45°  
 DKO 45° - DRY-SPIRAL FEMMINA 45° ORFS

Thread - Filetto: UNF-UN  
 Norme - Norma: SAE J1453

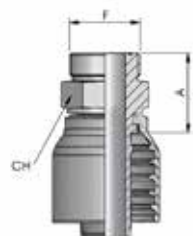
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC45ORFS2212	1"3/16-12	3/4	19	36	60	22
USDC45ORFS2612	1"7/16-12	3/4	19	41	61	23
USDC45ORFS2616	1"7/16-12	1"	25	41	78	29
USDC45ORFS3616	1"11/16-12	1"	25	50	78	29
USDC45ORFS3620	1"11/16-12	1"1/4	32	50	93	34
USDC45ORFS4624	2"-12	1"1/2	38	60	113	41

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL ORFS FITTINGS  
 INSERTI ORFS DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMORFS

AGO - DRY-SPIRAL ORFS MALE  
 AGO - DRY-SPIRAL MASCHIO ORFS

Thread - *Filetto*: UNF-UN  
 Norme - *Norma*: SAE J1453

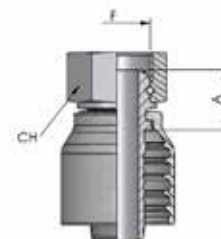
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
USDMORFS2212	1"3/16-12	3/4"	19	32	36
USDMORFS2616	1"7/16-12	1"	25	41	41
USDMORFS3620	1"11/16-12	1"1/4	32	46	44
USDMORFS4624	2"-12	1"1/2	38	55	48

### Notes

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE DRY-SPIRAL BSP FITTINGS 60°  
 INSERTI BSP 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFG

DKOR - DRY-SPIRAL BSP FEMALE THRUST WIRE NUT O-RING, 60°  
 CONE  
 DKOR - DRY-SPIRAL FEMMINA BSP DADO SPINATO O-RING, CONO 60°

Thread - *Filetto*: BSPP  
 Norme - *Norma*: BS 5200

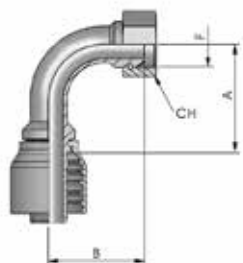
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
USDFG1212	3/4-14	3/4	19	32	29
USDFG1612	1"-11	3/4	19	41	33
USDFG1616	1"-11	1"	25	41	34
USDFG2016	1"1/4-11	1"	25	50	38
USDFG2020	1"1/4-11	1"1/4	32	50	39
USDFG2420	1"1/2-11	1"1/4	32	60	42
USDFG2424	1"1/2-11	1"1/2	38	60	43
USDFG3232	2"-11	2"	51	75	47

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE DRY-SPIRAL BSP FITTINGS 60°  
 INSERTI BSP 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC90G

DKOR 90° - DRY-SPIRAL BSP FEMALE 90° THRUST WIRE NUT O-RING, 60° CONE

DKOR 90° - DRY-SPIRAL FEMMINA 90° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSPP

Norme - Norma: BS 5200

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC90G1212	3/4-14	3/4	19	57	55	32
USDC90G1612	1"-11	3/4	19	61	55	41
USDC90G1616	1"-11	1"	25	72	71	41
USDC90G2016	1"1/4-11	1"	25	74	71	50
USDC90G2020	1"1/4-11	1"1/4	32	88	87	50
USDC90G2420	1"1/2-11	1"1/4	32	88	87	60
USDC90G2424	1"1/2-11	1"1/2	38	104	105	60
USDC90G3232	2"-11	2"	51	137	140	75

### Notes

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE DRY-SPIRAL BSP FITTINGS 60°  
 INSERTI BSP 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC45G

DKOR 45° - DRY-SPIRAL BSP FEMALE 45° THRUST WIRE NUT O-RING, 60° CONE

DKOR 45° - DRY-SPIRAL FEMMINA 45° BSP DADO SPINATO O-RING, CONO 60°

Thread - Filetto: BSPP

Norme - Norma: BS 5200

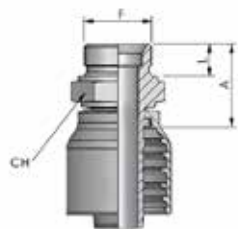
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	B
USDC45G1212	3/4-14	3/4	19	29	67	32
USDC45G1612	1"-11	3/4	19	32	70	41
USDC45G1616	1"-11	1"	25	36	86	41
USDC45G2016	1"1/4-11	1"	25	37	87	50
USDC45G2020	1"1/4-11	1"1/4	32	43	103	50
USDC45G2420	1"1/2-11	1"1/4	32	43	103	60
USDC45G2424	1"1/2-11	1"1/2	38	51	123	60
USDC45G3232	2"-11	2"	51	65	160	75

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE DRY-SPIRAL BSP FITTINGS 60°  
 INSERTI BSP 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMG

AGR - DRY-SPIRAL BSPP MALE, 60° CONE  
 AGR - DRY-SPIRAL MASCHIO BSPP, CONO 60°

Thread -Filetto: BSPP  
 Norme - Norma: BS 5200

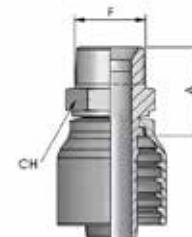
### Notes

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	CH	A	L
USDMG1212	3/4	3/4	19	32	38	16
USDMG1612	1"-11	3/4	19	41	43	19
USDMG1616	1"-11	1"	25	41	45	19
USDMG2016	1"1/4-11	1"	25	50	48	20
USDMG2020	1"1/4-11	1"1/4	32	50	50	20
USDMG2420	1"1/2-11	1"1/4	32	55	53	22
USDMG2424	1"1/2-11	1"1/2	38	55	55	22
USDMG3232	2"-11	2"	51	70	63	25

### Note

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL BSPT FITTINGS 60°  
 INSERTI BSPT 60° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMC

AGN - DRY-SPIRAL BSPT MALE  
 AGN - DRY-SPIRAL MASCHIO BSPT

Thread -Filetto: BSPT  
 Norme - Norma:

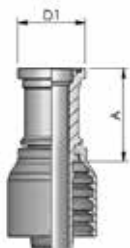
### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
USDMC1212	3/4-14	3/4	19	27	37
USDMC1616	1"-11	1"	25	36	44
USDMC2020	1"1/4-11	1"1/4	32	46	51
USDMC2424	1"1/2-11	1"1/2	38	50	54
USDMC3232	2"-11	2"	51	65	64

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

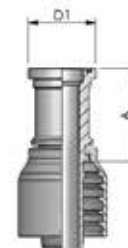


ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI3

SFL - DRY-SPIRAL SAE FLANGE 3000 PSI  
SFL - DRY-SPIRAL FLANGIA SAE 3000 PSI

Norme - Norma: SAE J518



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI6

SFS - DRY-SPIRAL SAE FLANGE 6000 PSI  
SFS - DRY-SPIRAL FLANGIA SAE 6000 PSI

Norme - Norma: SAE J518

### Notes

FOR HOSE:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN from 32 to 51  
DIN EN 856 4SH  
SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
USDFLPI31212	3/4	3/4	19	38.1	55
USDFLPI31216	3/4	1"	25	38.1	58
USDFLPI31612	1"	3/4	19	44.5	57
USDFLPI31616	1"	1"	25	44.5	58
USDFLPI31620	1"	1"1/4	32	44.5	64
USDFLPI32012	1"1/4	3/4	19	50.8	55
USDFLPI32016	1"1/4	1"	25	50.8	63
USDFLPI32020	1"1/4	1"1/4	32	50.8	64
USDFLPI32416	1"1/2	1"	25	60.4	55
USDFLPI32420	1"1/2	1"1/4	32	60.4	68
USDFLPI32424	1"1/2	1"1/2	38	60.4	73
USDFLPI33220	2"	1"1/4	32	71.4	75
USDFLPI33224	2"	1"1/2	38	71.4	76
USDFLPI33232	2"	2"	51	71.4	77
USDFLPI34032	2"1/2	2"	51	84.1	90

### Note

PER TUBO:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN da 32 a 51  
DIN EN 856 4SH  
SAE100 R12

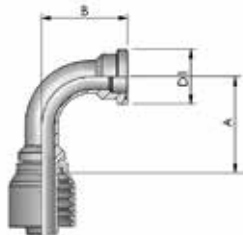
### Notes

FOR HOSE:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN from 32 to 51  
DIN EN 856 4SH  
SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	D1	A
USDFLPI61212	3/4	3/4	19	41.3	59
USDFLPI61216	3/4	1"	25	41.3	65
USDFLPI61612	1"	3/4	19	47.6	61
USDFLPI61616	1"	1"	25	47.6	65
USDFLPI61620	1"	1"1/4	32	47.6	70
USDFLPI62016	1"1/4	1"	25	54	69
USDFLPI62020	1"1/4	1"1/4	32	54	70
USDFLPI62420	1"1/2	1"1/4	32	63.5	80
USDFLPI62424	1"1/2	1"1/2	38	63.5	84
USDFLPI63224	2"	1"1/2	38	79.4	99
USDFLPI63232	2"	2"	51	79.4	100

### Note

PER TUBO:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN da 32 a 51  
DIN EN 856 4SH  
SAE100 R12

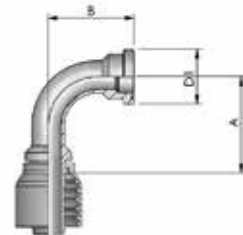


ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
 FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI390

SFL 90° - DRY-SPIRAL SAE FLANGE 90° 3000 PSI  
 SFL 90° - DRY-SPIRAL FLANGIA 90° SAE 3000 PSI

Norme - Norma: SAE J518



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
 FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI690

SFS 90° - DRY-SPIRAL SAE FLANGE 90° 6000 PSI  
 SFS 90° - DRY-SPIRAL FLANGIA 90° SAE 6000 PSI

Norme - Norma: SAE J518

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPI3901212	3/4	3/4	19	38.1	55	51
USDFLPI3901216	3/4	1"	25	38.1	71	65
USDFLPI3901612	1"	3/4	19	44.5	55	55
USDFLPI3901616	1"	1"	25	44.5	71	61
USDFLPI3901620	1"	1"1/4	32	44.5	87	79
USDFLPI3902012	1"1/4	3/4	19	50.8	55	60
USDFLPI3902016	1"1/4	1"	25	50.8	71	61
USDFLPI3902020	1"1/4	1"1/4	32	50.8	87	71
USDFLPI3902416	1"1/2	1"	25	60.4	71	61
USDFLPI3902420	1"1/2	1"1/4	32	60.4	87	71
USDFLPI3902424	1"1/2	1"1/2	38	60.4	105	83
USDFLPI3903224	2"	1"1/2	38	71.4	105	81
USDFLPI3903232	2"	2"	51	71.4	140	122
USDFLPI3904032	2"1/2	2"	51	84.1	140	117

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPI6901212	3/4	3/4	19	41.3	55	56
USDFLPI6901216	3/4	1"	25	41.3	71	65
USDFLPI6901612	1"	3/4	19	47.6	55	58
USDFLPI6901616	1"	1"	25	47.6	71	64
USDFLPI6901620	1"	1"1/4	32	47.6	87	79
USDFLPI6902016	1"1/4	1"	25	54	71	64
USDFLPI6902020	1"1/4	1"1/4	32	54	87	74
USDFLPI6902420	1"1/2	1"1/4	32	63.5	87	76
USDFLPI6902424	1"1/2	1"1/2	38	63.5	105	88
USDFLPI6903224	2"	1"1/2	38	79.4	105	93
USDFLPI6903232	2"	2"	51	79.4	140	123

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
 FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI345

SFL 45° - DRY-SPIRAL SAE FLANGE 45° 3000 PSI  
 SFL 45° - DRY-SPIRAL FLANGIA 45° SAE 3000 PSI

Norme - Norma: SAE J518



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
 FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPI645

SFS 45° - DRY-SPIRAL SAE FLANGE 45° 6000 PSI  
 SFS 45° - DRY-SPIRAL FLANGIA 45° SAE 6000 PSI

Norme - Norma: SAE J518

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPI3451212	3/4	3/4	19	38.1	63	25
USDFLPI3451216	3/4	1"	25	38.1	81	31
USDFLPI3451612	1"	3/4	19	44.5	65	27
USDFLPI3451616	1"	1"	25	44.5	78	28
USDFLPI3451620	1"	1"1/4	32	44.5	96	37
USDFLPI3452016	1"1/4	1"	25	50.8	78	28
USDFLPI3452020	1"1/4	1"1/4	32	50.8	91	32
USDFLPI3452420	1"1/2	1"1/4	32	60.4	91	32
USDFLPI3452424	1"1/2	1"1/2	38	60.4	108	36
USDFLPI3453224	2"	1"1/2	38	71.4	107	35
USDFLPI3453232	2"	2"	51	71.4	151	57
USDFLPI3454032	2"1/2	2"	51	84.1	146	51

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

### Notes

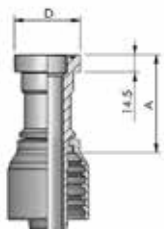
FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPI6451212	3/4	3/4	19	41.3	66	28
USDFLPI6451216	3/4	1"	25	41.3	81	31
USDFLPI6451612	1"	3/4	19	47.6	68	29
USDFLPI6451616	1"	1"	25	47.6	80	30
USDFLPI6451620	1"	1"1/4	32	47.6	96	37
USDFLPI6452016	1"1/4	1"	25	54	80	30
USDFLPI6452020	1"1/4	1"1/4	32	54	93	34
USDFLPI6452420	1"1/2	1"1/4	32	63.5	94	35
USDFLPI6452424	1"1/2	1"1/2	38	63.5	112	40
USDFLPI6453224	2"	1"1/2	38	79.4	115	43
USDFLPI6453232	2"	2"	51	79.4	150	56

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12





ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPIR6

SFC - DRY-SPIRAL SUPERCAT FLANGE  
SFC - DRY-SPIRAL FLANGIA SUPERCAT

Norme - Norma:

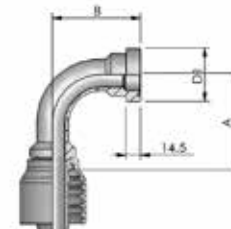
Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	
USDFLPIR61212	3/4	3/4	19	41.3	84	
USDFLPIR61612	1"	3/4	19	47.6	84	
USDFLPIR61616	1"	1"	25	47.6	90	
USDFLPIR62016	1"1/4	1"	25	54	90	
USDFLPIR62020	1"1/4	1"1/4	32	54	88	
USDFLPIR62420	1"1/2	1"1/4	32	63.5	88	
USDFLPIR62424	1"1/2	1"1/2	38	63.5	84	
USDFLPIR63224	2"	1"1/2	38	79.4	110	
USDFLPIR63232	2"	2"	51	79.4	130	

### Notes

FOR HOSE:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN from 32 to 51  
DIN EN 856 4SH  
SAE100 R12

### Note

[it]/[it][en]FOR HOSE:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN from 32 to 51  
DIN EN 856 4SH  
SAE100 R12/[en]



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPIR690

SFC 90° - DRY-SPIRAL SUPERCAT FLANGE 90°  
SFC 90° - DRY-SPIRAL FLANGIA 90° SUPERCAT

Norme - Norma:

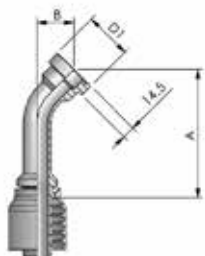
Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPIR6901212	3/4	3/4	19	41.3	55	64
USDFLPIR6901612	1"	3/4	19	47.6	55	64
USDFLPIR6901616	1"	1"	25	47.6	71	73
USDFLPIR6902016	1"1/4	1"	25	54	71	73
USDFLPIR6902020	1"1/4	1"1/4	32	54	87	77
USDFLPIR6902420	1"1/2	1"1/4	32	63.5	87	78
USDFLPIR6902424	1"1/2	1"1/2	38	63.5	105	90
USDFLPIR6903224	2"	1"1/2	38	79.4	105	94
USDFLPIR6903232	2"	2"	51	79.4	140	125

### Notes

FOR HOSE:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN from 32 to 51  
DIN EN 856 4SH  
SAE100 R12

### Note

PER TUBO:  
DN 19-25  
DIN EN 856 4SP  
DIN EN 856 4SH  
SAE100 R12  
SAE100 R13  
SAE100 R15  
DN da 32 a 51  
DIN EN 856 4SH  
SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL FLANGES  
 FLANGE DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFLPIR645

SFC 45° - DRY-SPIRAL SUPERCAT FLANGE 45°  
 SFC 45° - DRY-SPIRAL FLANGIA 45° SUPERCAT

Norme - Norma:

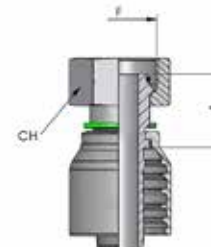
Code Article Codice Articolo	Flange Flangia	Hose Tubo		Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)	D1	A	B
USDFLPIR6451212	3/4	3/4	19	41.3	72	34
USDFLPIR6451612	1"	3/4	19	47.6	74	36
USDFLPIR6451616	1"	1"	25	47.6	86	36
USDFLPIR6452016	1"1/4	1"	25	54	86	36
USDFLPIR6452020	1"1/4	1"1/4	31.5	54	96	36
USDFLPIR6452420	1"1/2	1"1/4	31.5	63.5	96	36
USDFLPIR6452424	1"1/2	1"1/2	38	63.5	114	41
USDFLPIR6453224	2"	1"1/2	38	79.4	116	44
USDFLPIR6453232	2"	2"	51	79.4	152	57

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL METRIC FITTINGS 24°  
 INSERTI METRICI 24° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDFES

DKOS - DRY-SPIRAL METRIC O-RING FEMALE, 24° CONE, HEAVY  
 DKOS - DRY-SPIRAL FEMMINA METRICA O-RING, CONO24°, SERIE PESANTE

Thread - Filetto: METRICO

Norme - Norma: DIN 3865

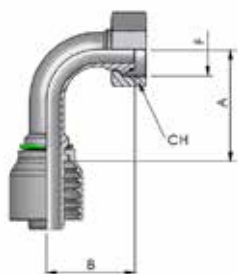
### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
USDFES2012	M30X2	3/4	19	20	36	37
USDFES2512	M36X2	3/4	19	25	46	39
USDFES2516	M36X2	1"	25	25	46	41
USDFES3016	M42X2	1"	25	30	50	42
USDFES3020	M42X2	1"1/4	32	30	50	43
USDFES3820	M52X2	1"1/4	32	38	60	48
USDFES3824	M52X2	1"1/2	38	38	60	51



ONE PIECE SPIRAL HOSES DRY-SPIRAL METRIC FITTINGS 24°  
 INSERTI METRICI 24° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC90ES

DKOS 90° - DRY-SPIRAL METRIC O-RING FEMALE 90°, 24° CONE, HEAVY

DKOS 90° - DRY-SPIRAL FEMMINA 90° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRICO  
 Norme - *Norma*: DIN 3865

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
USDC90ES2012	M30X2	3/4	19	20	36	55	55
USDC90ES2512	M36X2	3/4	19	25	46	55	55
USDC90ES2516	M36X2	1"	25	25	46	71	69
USDC90ES3016	M42X2	1"	25	30	50	71	67
USDC90ES3020	M42X2	1"1/4	32	30	50	87	83
USDC90ES3820	M52X2	1"1/4	32	38	60	87	80
USDC90ES3824	M52X2	1"1/2	38	38	60	105	100

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL METRIC FITTINGS 24°  
 INSERTI METRICI 24° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDC45ES

DKOS 45° - DRY-SPIRAL METRIC O-RING FEMALE 45°, 24° CONE, HEAVY

DKOS 45° - DRY-SPIRAL FEMMINA 45° METRICA O-RING, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC  
 Norme - *Norma*: DIN 3865

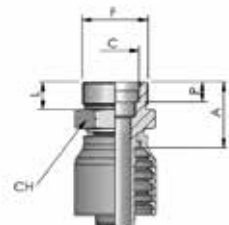
Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)		
		Inch/Pollici	DN (mm)		mm	CH	A
USDC45ES2012	M30x2	3/4	19	20	36	65	27
USDC45ES2512	M36X2	3/4	19	25	46	66	28
USDC45ES2516	M36X2	1"	25	25	46	83	34
USDC45ES3016	M42X2	1"	25	30	50	82	32
USDC45ES3020	M42X2	1"1/4	32	30	50	100	40
USDC45ES3820	M52X2	1"1/4	32	38	60	97	38
USDC45ES3824	M52X2	1"1/2	38	38	60	121	48

### Notes

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12



ONE PIECE SPIRAL HOSES DRY-SPIRAL METRIC FITTINGS 24°  
 INSERTI METRICI 24° DRY-SPIRAL ONE PIECE TUBI SPIRALATI

## USDMES

CES - DRY-SPIRAL METRIC MALE, 24° CONE, HEAVY  
 CES - DRY-SPIRAL MASCHIO METRICO, CONO 24°, SERIE PESANTE

Thread - *Filetto*: METRIC  
 Norme - *Norma*: DIN 3861

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)			
		Inch/Pollici	DN (mm)		mm	CH	A	P
USDMES2012	M30X2	3/4	19	20	30	34	10,5	16
USDMES2512	M36X2	3/4	19	25	36	38	12	18
USDMES2516	M36X2	1"	25	25	36	40	12	18
USDMES3016	M42X2	1"	25	30	46	44	13,5	20
USDMES3020	M42X2	1"1/4	32	30	46	47	13,5	20
USDMES3820	M52x2	1"1/4	32	38	55	51	16	22
USDMES3824	M52x2	1"1/2	38	38	55	53	16	22

### Notes

FOR HOSE:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN from 32 to 51  
 DIN EN 856 4SH  
 SAE100 R12

### Note

PER TUBO:  
 DN 19-25  
 DIN EN 856 4SP  
 DIN EN 856 4SH  
 SAE100 R12  
 SAE100 R13  
 SAE100 R15  
 DN da 32 a 51  
 DIN EN 856 4SH  
 SAE100 R12

# WATERBLAST

The **WaterBlast** range is characterized for resistance and functionality guaranteeing safety and excellent performance in the washing lines.

The **WaterBlast** fittings have been developed for the hoses from 700 to 1200 bars, with 4 or 6 spirals.

The high pressure hoses are used in the following applications:

- Surface renovation
- Ship maintenance
- Runway cleaning
- Swimming pool cleaning
- Paint removal

La gamma **WaterBlast** si caratterizza per resistenza e funzionalità garantendo sicurezza e ottime performance nelle linee di lavaggio.

I raccordi **WaterBlast** sono stati sviluppati per tubazioni da 700 a 1200 bar, con 4 o 6 spirali.

Le condotte ad altissime pressioni sono utilizzate nelle seguenti applicazioni:

- Pulizia delle superfici
- Manutenzione navale
- Rimozione pitture stradali
- Pulizia piscine
- Rimozione vernici

WATERBLAST FITTINGS  
RACCORDI WATERBLAST



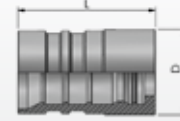
**B4WB**



**108**

SKIVE FERRULE WATERBLAST FOR HOSE 4 SPIRALS  
BOCCOLE WATERBLAST A PELARE PER TUBI 4 SPIRALI

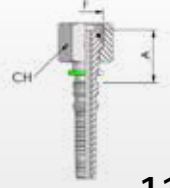
**B6WB**



**109**

SKIVE FERRULE WATERBLAST FOR HOSE 6 SPIRALS  
BOCCOLE WATERBLAST A PELARE PER TUBI 6 SPIRALI

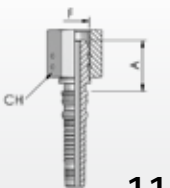
**WBFES**



**110**

DKOS - WATERBLAST METRIC O-RING FEMALE, 24° CONE, HEAVY  
DKOS - WATERBLAST FEMMINA METRICA O-RING, CONO 24°, SERIE PESANTE

**WFBG**



**111**

DKR - WATERBLAST BSP FEMALE THRUST WIRE NUT, 60°  
DKR - WATERBLAST FEMMINA BSP DADO SPINATO, CONO 60°

**WBMNPT**



**112**

AGN - WATERBLAST NPTF MALE  
AGN - WATERBLAST MASCHIO NPTF

**index**

**1f**

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108

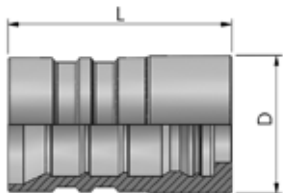
113

SKIVE FERRULE WATERBLAST  
BOCCOLE WATERBLAST A PELARE

## B4WB

SKIVE FERRULE WATERBLAST FOR HOSE 4 SPIRALS  
BOCCOLE WATERBLAST A PELARE PER TUBI 4 SPIRALI

Norme - Norma:



Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
	Cod	Inch/Pollici DN (mm)	D	L	DN (mm)	DN (mm)	
B4WB04	1/4"	6	24	50	17	38	
B4WB06	3/8"	10	28	54	17	47	
B4WB08	1/2"	12	36	58	18,5	50	
B4WB12	3/4"	19	42	65	20	56	
B4WB16	1"	25	50	82	20	72	

Notes

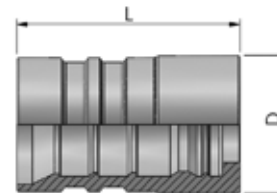
Note

SKIVE FERRULE WATERBLAST  
BOCCOLE WATERBLAST A PELARE

## B6WB

SKIVE FERRULE WATERBLAST FOR HOSE 6 SPIRALS  
BOCCOLE WATERBLAST A PELARE PER TUBI 6 SPIRALI

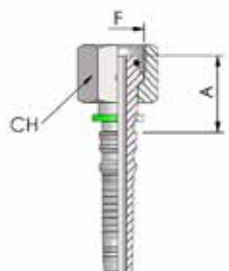
Norme - Norma:



Code Article Codice Articolo	Hose Tubo		Dimensions (mm) Dimensioni (mm)		Skive ins. Pel. int	Skive ext. Pel. est.	Hose Type Tipo Tubo
	Cod	Inch/Pollici DN (mm)	D	L	DN (mm)	DN (mm)	
B6WB04	1/4"	6	27	50	17	40	
B6WB06	3/8"	10	32	54	17	44	
B6WB08	1/2"	12	36,5	58	18,5	50	
B6WB12	3/4"	19	44	65	20	55	
B6WB16	1"	25	-	-	20	-	

Notes

Note



WATERBLAST METRIC FITTINGS 24°  
 INSERTI METRICI 24° WATERBLAST

## WBFES

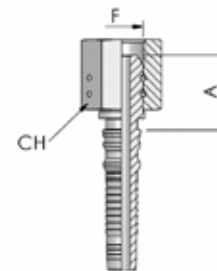
DKOS - WATERBLAST METRIC O-RING FEMALE, 24° CONE, HEAVY  
 DKOS - WATERBLAST FEMMINA METRICA O-RING, CONO24°, SERIE PESANTE

Thread - Filetto: METRIC  
 Norme - Norma:

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Standpipe Codolo	Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)		mm	CH
WBFES1004	M18x1,5	1/4"	6	10	22	27
WBFES1204	M20x1,5	1/4"	6	12	24	31
WBFES1406	M22x1,5	3/8"	10	14	27	32
WBFES1606	M24x1,5	3/8"	10	16	32	34
WBFES1608	M24x1,5	1/2"	12	16	32	34
WBFES2512	M36x2	3/4"	19	25	46	44
WBFES3016	M42x2	1"	25	30	50	45

Notes

Note



WATERBLAST BSP FITTINGS 60°  
 INSERTI BSP 60° WATERBLAST

## WBFEG

DKR - WATERBLAST BSP FEMALE THRUST WIRE NUT, 60°  
 DKR - WATERBLAST FEMMINA BSP DADO SPINATO, CONO 60°

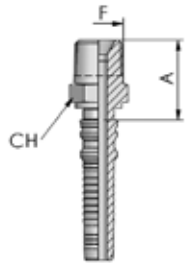
Thread - Filetto: BSP  
 Norme - Norma:

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
WBFEG0404	1/4"-19	1/4"	6	22	24
WBFEG0606	3/8"-19	3/8"	10	25	26
WBFEG0808	1/2"-14	1/2"	12	30	32
WBFEG1212	3/4"-14	3/4"	19	36	34
WBFEG1616	1"-11	1"	25	46	37

Notes

Note





WATERBLAST NPT FITTINGS  
 INSERTI NPT WATERBLAST

## WBMNPT

AGN - WATERBLAST NPTF MALE  
 AGN - WATERBLAST MASCHIO NPTF

Thread - *Filetto*: NPTF  
 Norme - *Norma*:

Code Article Codice Articolo	Thread Filetto	Hose Tubo		Dimensions (mm) Dimensioni (mm)	
		Inch/Pollici	DN (mm)	CH	A
WBMNPT0404	1/4"-19	1/4"	6	17	28
WBMNPT0606	3/8"-19	3/8"	10	19	32
WBMNPT0808	1/2"-14	1/2"	12	22	37
WBMNPT1212	3/4"-14	3/4"	19	27	37,5
WBMNPT1616	1"-11	1"	25	36	47,5

Notes

Note



## GENERAL TERMS AND CONDITIONS OF SALE

### 1. General Provisions.

- (a) The terms and conditions set out below (the "General Terms and Conditions of Sale") shall form part of all the agreements executed between the **Seller** and the **Buyer** for the supply of the Seller products (the "**Products**").
- (b) The General Terms and Conditions of Sale shall apply to all transaction executed between the Seller and the Buyer without any need of express reference thereto or agreement thereon at the conclusion of such transaction. Any dissenting terms and conditions shall only apply if confirmed in writing by the Seller.
- (c) The Seller reserves the right to change, integrate or vary the General Terms and Conditions of Sale, by including such variations in the quotations or in any other written correspondence sent to the Buyer.

### 2. Offers and Orders.

- (a) The Seller's offers shall not be binding, in particular with reference to quantities, price and delivery time.
- (b) Orders placed by the Buyer shall not be regarded as accepted before these have been confirmed by the Seller in writing. If the Seller should fail to confirm an agreement in writing which it has entered into verbally, the Seller's invoice or the execution of the order by the Seller shall be regarded as confirmation.
- (c) On the orders with rateable amount lower than € 200, received by the Seller, is added an increase of € 50.
- (d) The costs of package correspond to 0,5% of the rateable amount of the goods indicated on the invoice.
- (e) Orders and/or amendments of orders placed verbally or by telephone, must be confirmed in writing by the Buyer. Otherwise the Seller does not accept any responsibility for errors or consequent misunderstandings.

### 3. Prices and Terms of Payment.

- (a) The prices of the Products shall exclude any statutory VAT which shall be payable at the date of delivery or pursuant specific provisions included in the invoice. Unless otherwise stated all prices quoted in any document or correspondence issued by the Seller do not include packaging and transport costs, nor the ancillary expenses as indicated in the Seller's sales catalogue in force at the moment of the conclusion of the contract.
- (b) The payment of the Net Invoice Price shall be paid free of any reduction by the Buyer at least within 30 (thirty) days from the date of the receipt of the invoice by the Buyer.
- (c) In addition to other remedies permitted under the applicable law and these General Terms and Conditions of Sale, the Seller reserves the right to recover default interest on delayed payments starting from the due date, calculated at the official reference rate of the European Central Bank increased by 7 (seven) basis points.
- (d) If the Buyer fails to take payments in the time and manner specified by the Seller or the Buyer business shall be operated beyond the ordinary course of business which shall include, without limitation, when seizure or protest has been made, payments shall be delayed or insolvency proceedings shall have been petitioned or opened, the Seller shall have the right to suspend or cancel, at its sole discretion, further delivery and to declare all its claims arising from the business relationship as immediately payable. Moreover the Seller may in such event request for anticipation on the payments or a warranty deposit.
- (e) The Buyer shall have no right to make any compensation, retention or reduction unless the counterclaims have been conclusively determined by the court.

### 4. Terms of Delivery.

- (a) Unless otherwise agreed, the delivery of the products shall be EXW (Incoterms 2000) F.B. S.r.l. plants.
- (b) The Buyer shall provide the means of transport and shall

- be responsible for its availability on time. The Seller shall immediately be informed of any delays. Any costs arising thereof shall be at the expense of the Buyer.
- (c) Unless otherwise expressly agreed in writing any indicated time of delivery shall be nonbinding for the Seller. Unless different agreement between the parties, the approximate term for the delivery is the one specified in the confirmation of order.
- (d) The Seller reserves the right to reasonably delivery in instalments.
- (e) Any liability to supply as a result of force majeure or other unforeseen incidents outside the Seller responsibility including, without limitation, strike, lock out, acts of public authorities, subsequent cease of export or import opportunities shall, for their duration and in accordance with their impact, relieve the Seller from the obligation to comply with any agreed time for delivery.
- (f) The Seller is not obliged to accept the Products returns, unless otherwise agreed in writing. Any costs arising thereof shall be at the expense of the Buyer.

### 5. Duty to Inspection and Acceptance of Products.

- (a) Upon taking possession of the Products, the Buyer shall immediately:
- check quantities and packaging of the Products and record any objections on the delivery note; and
  - conduct a conformity check on the Products compared to the data indicated in the confirmation of order and record any objections on the delivery note.
- (b) In case of a notice of defect the Buyer shall comply with the following procedures and deadline:
- the notification shall be made by no later than 3 (three) working days from the taking possession of the Products by the Buyer. In the event of an objection to a defect which, despite a first inspection has remained undiscovered, the objection must be raised within the early of the expiry of the working day on which the defect has been discovered but in any event by no later than 2 (two) weeks after take over of the Products;
  - the detailed notice shall be delivered to the Seller within the aforementioned deadlines in writing by fax or email. Any notice by telephone conversation shall not be accepted;
  - the notice must clearly specify the kind of the alleged defect;
  - the Buyer agrees to make available for inspection the objected Products; such inspection shall be done by the Seller or by any expert designated by the Seller.
- (c) No objections with regard to the quantities, quality, type, and packaging of the Products shall be possible unless a note has been placed on the delivery note in accordance with the above mentioned procedure.
- (d) Any Product to which objection shall not have been raised in accordance with the procedures and deadlines set out above shall be regarded as approved and accepted by the Buyer.

### 6. Terms of Warranty.

- (a) The Seller hereby represents and warrants that the Products shall be free from defect and shall comply with the technical specifications forwarded by the Seller
- (b) The Products are guaranteed for a period of 12 (twelve) months from the date of the shipment of the Products themselves for ordinary operations in accordance with specifications forwarded by the Seller.
- (c) Such warranty only includes the substitution or repair of the defective Products with the exclusion of any other and different obligation. The Product will be repaired by the seller at its own office, its secondary office or its own authorised reseller. The Buyer will have to provide with the sending at his own expenses the defective Product to the office, secondary office, or authorised reseller as indicated by the Seller. The Seller will

- send to the Buyer the new Product or the repaired Product, bearing therefore the costs of the shipment.
- (d) The Seller doesn't accept claims for goods tampered or used improperly.

### 7. Limitation of Liability.

- (a) Unless in case of justified objection which shall have been raised in accordance with the procedure and deadlines set forth in paragraph 5 above, the Buyer shall not be entitled to any further rights or remedies. In particular, the Seller shall not be responsible for any compensation based on breach of contract or default, for any direct or indirect damage or loss of profit due to the use, the inability to use, or the incorporation of the Products in other products, unless under warranties granted in paragraph 6 or in cases of wilful misconduct or gross negligence on the Seller's part.
- (b) The Seller shall do its best endeavour to deliver the Products within the time agreed (if any), but it shall not be liable for any loss or damage of any kind whatsoever caused directly or indirectly by any delay in the completion of the contract or delivery of the Products.
- (c) Catalogues, price lists or other advertising matters of the seller are only an indication of the type of Products and no prices or other information contained herein shall be binding for the Seller. The Seller does not accept any responsibility for errors or omissions contained in its price lists or promotional matters.
- (d) The dimensions, which must be respected peremptorily, must be written from the buyer on the orders.

### 8. Retention of Title.

- (a) The Product supplied shall remain in the property of the Seller until the date of the full payment by the Buyer of the entire price of the Products and of all amounts due to the Seller. Until that time the Buyer shall hold the Products as the Seller's fiduciary agent and shall keep the Product properly stored, protected and insured.
- (b) If in the Country of the Buyer's domicile for the validity of the retention of title for the benefit of the Seller it is necessary to fulfil some administrative or legal formalities as, without limitation, to file the Products with the public registers or to affix particular seals on them, the Buyer shall cooperate with the Seller and shall do its best effort for carry out all the necessary actions in order to obtain a valid retention of title right on the Products for the benefit of the seller.
- (c) The Buyer shall have the right to dispose of the Products delivered by the Seller or to process them in the ordinary course of the business. In such a case, the proceeds came from the sale or from the process of the Products shall be transferred to the Seller up to the concurrence of the full price due by the Buyer to the Seller for the supply of Products.
- (d) The right to the Buyer to dispose of Products or to process them shall cease in the cases referred to in paragraph 3 (d) above. In such a case, the Buyer must place the Products at the disposal of the Seller who shall have the right to enter upon the Buyer's premises for the purpose of obtain the ownership of the Products.
- (e) In the event of any third party action against the Seller's Products delivered under retention of title, the Buyer shall notify such party of the Seller's property and shall immediately inform the Seller about such action. The Buyer shall bear the costs of any intervention.

### 9. Data Protection Law.

- (a) The personal data of the Buyer shall be processed in accordance with the Italian data protection law (Legislative Decree 196/2003). The Seller inform the Buyer that the Seller is the data controller and that the Buyer's personal data shall be collected and processed for the only purpose of the performance of this agreement. Pursuant article 7 of the Italian

Legislative Decree 196/2003, the Buyer has the right to ask to the Seller the updating, amendment, integration, writing off and transformation in anonymous form of its data.

### 10. Applicable Law.

- (a) In case of the Buyer is a subject having Italian nationality, the present General Terms and Conditions of Sale and all the agreements executed between the Seller and the Buyer shall be governed by Italian laws.
- (b) On the contrary, in case of the Buyer is a subject having a nationality different from the Italian one, the present General Terms and Conditions of Sale and all the agreements executed between the Seller and the Buyer shall be governed by the United Nations Convention of Vienna of 1980 on Contracts for the International Sale of Goods.

### 11. Jurisdiction.

- (a) Any dispute arising between the parties in connection with the interpretation, validity or performance of the present General Terms and Conditions of Sale and of all the relevant agreements, shall be of the exclusive competence of the referred to the Court of Bologna.
- (b) It is agreed between parties that the Seller, at its own discretion, may have the faculty to waive the exclusive jurisdiction set forth in paragraph (a) to bring an action against the Buyer in its domicile and before any court of competent jurisdiction.

### 12. Final Provisions.

- (a) The total or partial invalidity of any provision of the present General Terms and Conditions of Sale shall not affect the validity of the other provisions.
- (b) The present General Terms and Conditions of Sale have been drafted in both Italian and English languages. In case of problems of interpretation the Italian version shall prevail.

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## CONDIZIONI GENERALI DI VENDITA

### 1. Disposizioni Generali.

(a) I termini e le condizioni qui di seguito indicati (le "Condizioni Generali di Vendita") formano parte integrante dei contratti conclusi tra il **Venditore** e l'**Acquirente** per la fornitura dei prodotti del Venditore (i "**Prodotti**").

(b) Le Condizioni Generali di Vendita si applicano a tutte le transazioni concluse tra il Venditore e l'Acquirente senza la necessità che vi sia un espresso richiamo alle stesse o uno specifico accordo in tal senso alla conclusione di ogni singola transazione. Qualsiasi condizione o termine differente trova applicazione soltanto se confermato per iscritto da parte del Venditore.

(c) Il Venditore si riserva il diritto di modificare, integrare o variare le Condizioni Generali di Vendita, allegando tali variazioni alle offerte ovvero a qualsivoglia corrispondenza inviata per iscritto all'Acquirente.

### 2. Offerte e Ordini.

(a) Le offerte del Venditore non sono da considerarsi vincolanti, in particolare con riferimento alle quantità, ai prezzi e ai termini di consegna.

(b) Gli ordini effettuati dall'Acquirente non s'intendono accettati finché non siano stati confermati per iscritto da parte del Venditore. Nel caso in cui il Venditore non provveda alla conferma per iscritto di un ordine negoziato verbalmente, l'emissione della fattura da parte del Venditore oppure l'esecuzione dell'ordine da parte del Venditore sarà considerata quale conferma.

(c) Agli ordini ricevuti dal Venditore con valore imponibile inferiore ad € 200,00 viene praticato un aumento forfetario di € 50.

(d) I costi di imballo corrispondono allo 0,5% del valore imponibile delle merci indicato in fattura.

(e) Gli ordini e/o le modifiche di ordini effettuati verbalmente o telefonicamente devono essere confermati per iscritto da parte dell'Acquirente. In caso contrario il Venditore non si assume alcuna responsabilità con riguardo a eventuali errori o possibili fraintendimenti.

### 3. Prezzi e Termini di Pagamento.

(a) I Prezzi dei Prodotti non sono comprensivi di IVA, che deve essere corrisposta al momento della consegna o in conformità alle specifiche disposizioni indicate nella fattura. A meno che non sia diversamente precisato, tutti i prezzi indicati in qualsivoglia documento o corrispondenza emessi dal Venditore si intendono non comprensivi dei costi di imballaggio e di trasporto, né degli oneri accessori indicati nel catalogo del Venditore in vigore al momento della conclusione del contratto.

(b) Il pagamento del Prezzo Netto indicato in fattura deve essere effettuato privo di qualsivoglia riduzione al più tardi entro 30 (trenta) giorni dalla data di ricevimento della fattura da parte dell'Acquirente.

(c) In aggiunta agli altri rimedi consentiti dalla legge applicabile o dalle presenti Condizioni Generali di Vendita, si riserva il diritto di applicare interessi di mora sui ritardati pagamenti a decorrere dalla data in cui sia maturato il diritto al pagamento, calcolati al tasso ufficiale di riferimento della Banca Centrale Europea aumentato di 7 (sette) punti.

(d) Nel caso in cui l'Acquirente non effettui il pagamento nei termini e secondo le modalità indicate dal Venditore o nel caso in cui l'attività dell'acquirente sia condotta non in conformità al corso ordinario degli affari, con ciò intendendosi, senza alcuna limitazione, l'emissione di atti di sequestro o di protesti, o quando i pagamenti siano stati ritardati o siano state richieste o promosse procedure concorsuali, il Venditore ha il diritto, a propria discrezione, di sospendere o di cancellare ulteriori consegne e di dichiarare qualsiasi pretesa derivante dal rapporto d'affari come immediatamente esigibile.

Inoltre il Venditore può in tali casi richiedere anticipi sui pagamenti o un deposito in garanzia.

(e) L'Acquirente non ha alcun diritto di effettuare alcuna compensazione, trattenuta o riduzione tranne che nel caso in cui la propria domanda in tal senso sia stata definitivamente e giudizialmente accolta.

### 4. Termini di Consegna.

(a) Se non diversamente concordato, la consegna dei Prodotti si intende pattuita EXW (Incoterms 2000) stabilimento F.B. Srl

(b) L'Acquirente provvede al mezzo di trasporto ed è responsabile per la sua disponibilità entro il termine pattuito. Il Venditore deve essere immediatamente informato di ogni ritardo. Qualsiasi costo da ciò derivante è a carico dell'Acquirente.

(c) Se non diversamente concordato per iscritto, qualsiasi termine di consegna indicato non è vincolante per il Venditore. Salvo diverso accordo tra le parti, il termine di consegna indicativo è quello precisato nella conferma d'ordine.

(d) Il Venditore si riserva il diritto di effettuare ragionevolmente consegne parziali.

(e) Qualsiasi responsabilità per la consegna derivante da forza maggiore o da altri eventi imprevedibili non imputabili al Venditore, ivi inclusi, senza alcuna limitazione, scioperi, serrate, disposizioni della pubblica amministrazione, successivi blocchi delle possibilità di esportazione o importazione, in considerazione della loro durata e della loro portata, liberano il Venditore dall'obbligazione di rispettare qualsiasi termine di consegna pattuito.

(f) Il Venditore non è obbligato ad accettare resi dei prodotti, salvo che sia stato espressamente pattuito per iscritto. Qualsiasi costo a tal fine sostenuto è a carico dell'Acquirente.

### 5. Doveri di Ispezione e Accettazione dei Prodotti.

(a) Al momento della presa in consegna dei Prodotti, l'Acquirente dovrà immediatamente:

(I) verificare le quantità e l'imballaggio dei Prodotti e registrare qualsiasi obiezione nella nota di consegna;

(II) effettuare un controllo di conformità dei Prodotti rispetto a quanto indicato nella conferma d'ordine e registrare qualsiasi difformità nella nota di consegna.

(b) Nel caso di denuncia di vizi l'Acquirente deve rispettare le procedure e i termini che seguono:

(I) la comunicazione deve essere effettuata entro non più di 3 (tre) giorni lavorativi a partire dalla presa in consegna dei Prodotti da parte dell'Acquirente. Nel caso in cui la contestazione sia relativa ad un vizio che, nonostante l'ispezione iniziale, sia rimasto celato, la contestazione deve essere effettuata al più presto entro la fine del giorno lavorativo in cui il vizio sia stato scoperto e, in ogni caso, non più tardi di 2 (due) settimane dalla presa in consegna dei Prodotti;

(II) la comunicazione dettagliata deve essere inoltrata al Venditore entro i termini sopra indicati a mezzo fax. Qualsiasi comunicazione effettuata telefonicamente non viene accettata;

(III) la comunicazione deve chiaramente specificare la tipologia dei vizi addotti;

(IV) l'Acquirente acconsente a mettere a disposizione i Prodotti contestati perché vengano ispezionati; tale ispezione verrà effettuata dal Venditore o da un perito nominato dal Venditore.

(c) Nessuna contestazione con riferimento alle quantità, alla qualità, alla tipologia e all'imballaggio dei Prodotti potrà essere effettuata salvo che attraverso la comunicazione apposta alla nota di consegna, conformemente alla procedura sopra indicata.

(d) Qualsiasi Prodotto per il quale non sia stata sollevata alcuna contestazione conformemente alle procedure e ai termini qui sopra indicati viene considerato approvato e accettato dall'Acquirente.

### 6. Termini di Garanzia.

(a) Il Venditore garantisce che i Prodotti sono esenti da vizi e conformi alle specifiche tecniche dichiarate dal Venditore.

(b) I Prodotti sono garantiti per un periodo di 12(dodici) mesi dalla data di spedizione dei Prodotti stessi per un funzionamento ordinario secondo le specifiche dichiarate dal Venditore.

(c) Tale garanzia comprende unicamente la sostituzione o riparazione dei Prodotti difettosi con esclusione di ogni ulteriore e diversa obbligazione. Il Prodotto verrà riparato dal Venditore presso la propria sede, la propria filiale o il proprio

rivenditore autorizzato. L'Acquirente dovrà provvedere ad inviare a proprie spese il Prodotto difettoso presso la sede, filiale o rivenditore autorizzato indicatogli dal Venditore. Il Venditore invierà all'Acquirente il nuovo Prodotto o il Prodotto riparato, sostenendo i costi della spedizione.

(d) Il Venditore non accetta reclami per materiale manomesso o utilizzato in modo improprio.

### 7. Limitazione della Responsabilità.

(a) Tranne che nei casi di giustificata contestazione sollevati conformemente a quanto previsto nel precedente paragrafo 5, all'Acquirente non è riconosciuto alcun ulteriore diritto o rimedio. In particolare, il Venditore non è responsabile per alcun indennizzo richiesto per violazione o inadempimento contrattuale, per qualsiasi danno diretto o perdita di profitto sopportato dall'Acquirente in conseguenza dell'uso, del mancato uso, o dell'installazione dei Prodotti in altri prodotti, ad eccezione dei casi coperti da garanzia indicati nel paragrafo 6 o in caso di dolo o colpa grave da parte del Venditore.

(b) Il Venditore farà tutto quanto in suo potere per consegnare i Prodotti entro i termini eventualmente concordati, ma in nessun caso potrà essere chiamato a rispondere dei danni direttamente o indirettamente causati dalla ritardata esecuzione di un contratto o dalla ritardata consegna dei Prodotti.

(c) I cataloghi, i listini prezzi o altro materiale promozionale del Venditore costituiscono soltanto una indicazione della tipologia dei Prodotti e dei prezzi e le indicazioni ivi indicate non sono vincolanti per il Venditore. Il Venditore non si assume alcuna responsabilità per errori od omissioni contenuti nei propri listini prezzi o nel proprio materiale promozionale.

(d) Le quote dimensionali da rispettarsi tassativamente devono essere esplicitamente indicate per iscritto dall'Acquirente sugli ordini.

### 8. Riserva di Proprietà.

(a) I Prodotti forniti rimangono di piena proprietà del Venditore fino alla data in cui l'Acquirente non abbia provveduto al pagamento dell'intero prezzo degli stessi e di tutte le somme dovute al Venditore. Fino a tale momento l'Acquirente conserva i prodotti in qualità di possessore fiduciario del Venditore e deve custodire i Prodotti adeguatamente immagazzinati, protetti e assicurati.

(b) Nel caso in cui nel paese in cui l'Acquirente ha il proprio domicilio per la validità della riserva di proprietà a favore del Venditore sia necessario l'esplicitamento di formalità amministrative o legali quali, senza alcuna limitazione, la registrazione dei Prodotti in pubblici registri, ovvero l'apposizione sugli stessi di appositi sigilli, l'Acquirente si impegna fin d'ora a collaborare con il Venditore e a porre in essere tutti gli atti necessari al fine di far ottenere a quest'ultimo un valido diritto con riferimento alla riserva di proprietà.

(c) L'Acquirente ha il diritto di disporre dei Prodotti fornitigli o di utilizzare gli stessi nelle lavorazioni nel corso dello svolgimento ordinario della sua attività. In tal caso, i proventi derivanti dalla vendita o dalla lavorazione dei Prodotti verranno trasferiti al Venditore fino alla concorrenza del prezzo dovuto dall'Acquirente al Venditore per la fornitura dei Prodotti.

(d) Il diritto dell'Acquirente di disporre dei Prodotti o di utilizzare gli stessi nel corso dello svolgimento ordinario della sua attività verrà meno nei casi indicati nel paragrafo 3 sopra indicato. In tal caso l'Acquirente dovrà mettere i Prodotti a disposizione del Venditore, che potrà accedere alla sede dell'Acquirente per ottenere il possesso degli stessi.

(e) Nell'ipotesi di azioni esercitate da terzi nei confronti dei Prodotti del Venditore forniti e assoggettati alla riserva di proprietà, l'Acquirente dovrà comunicare ai terzi il fatto che gli stessi sono di proprietà del Venditore e dovrà informare immediatamente il Venditore di tale azione. L'Acquirente sosterrà tutti i costi relativi a ciascun intervento.

### 9. Trattamento dei Dati Personali.

(a) I dati personali dell'Acquirente saranno trattati secondo quanto disposto dalla legge italiana in materia di trattamento dei dati personali (Decreto Legislativo 196/2003). Il Venditore informa l'Acquirente che il Venditore è il titolare del trattamento e che i dati personali dell'Acquirente vengono raccolti e trattati esclusivamente per l'esecuzione del presente accordo. Ai sensi

dell'articolo 7 del D. Lgs. 196/2003, l'Acquirente ha il diritto di richiedere al Venditore l'aggiornamento, la rettifica, l'integrazione, la cancellazione e la trasformazione in forma anonima dei propri dati.

### 10. Legge Applicabile.

(a) Qualora l'Acquirente sia un soggetto di diritto Italiano, le presenti Condizioni Generali di Vendita e tutti i contratti stipulati da quest'ultimo con il Venditore s'intendono regolati dalla legge Italiana.

(b) Qualora invece l'Acquirente sia un soggetto di nazionalità diversa da quella italiana, le presenti Condizioni Generali di Vendita e tutti i contratti stipulati da quest'ultimo con il Venditore s'intendono regolati dalla Convenzione di Vienna del 1980 relativa ai Contratti di Vendita Internazionale di Beni Mobili.

### 11. Foro Competente.

(a) Qualsiasi controversia insorta tra le parti a seguito dell'interpretazione, validità o esecuzione delle presenti Condizioni Generali di Vendita e dei relativi contratti stipulati sarà devoluta alla competenza esclusiva del Tribunale di Bologna.

(b) Resta inteso tra le parti che soltanto il Venditore, a propria discrezione, avrà la facoltà di rinunciare alla competenza del foro esclusivo di cui al precedente paragrafo (a) per agire in giudizio nei confronti dell'Acquirente, al suo domicilio e presso il Tribunale ivi competente.

### 12. Disposizioni Finali.

(a) L'invalidità in tutto o in parte di singole disposizioni delle presenti Condizioni Generali di Vendita non inficia la validità delle restanti previsioni.

(b) Le presenti Condizioni Generali di vendita sono redatte in duplice lingua italiana e inglese. In caso sorgessero dubbi interpretativi prevarrà la versione in italiano.

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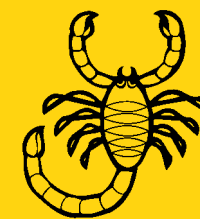
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