

# Trelleborg Fittings Catalogue

N.2018/01TF



**Couplings catalogue Catalogue raccords Catálogo racores**

Catalogue **N.2018/01TF** 01/04/2018, cancel and replace catalogue N.2015/01TF  
**Catalogue N.2018/01TF** 01/04/2018, annule et remplace le catalogue N.2015/01TF  
 Catálogo **N.2018/01TF** 01/04/2018, anula y reemplaza el catálogo N.2015/01TF

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)



**TRELLEBORG**

# CONDITIONS *CONDICIONES* CONDITIONS

SPECIFIC CONDITIONS OF SALE TRELLEBORG FITTINGS SAS

EUROPE

No minimum order value required.

Free of transport charge: for any order > 1000 €.

Transport charge: 50 € (Express) for any order < 1000 €.

Additional charge for palet: to be defined according to the weight.

*CONDICIONES PARTICULARES DE VENTA DE TRELLEBORG FITTINGS SAS*

*EUROPA*

*No minimo de pedido.*

*No gastos de transporte para pedidos > 1000 €.*

*50 € de gastos de transporte para pedidos < 1000 €.*

*Gastos adicionales para palet, en función del peso.*

**CONDITIONS PARTICULIERES DE VENTE TRELLEBORG FITTINGS SAS**

**EUROPE**

**Pas de minimum de commande.**

**Franco de port pour toute commande > 1000 €.**

**Frais de transport de 50 € pour toute commande < 1000 €.**

**Frais additionnels pour conditionnement palette : à définir selon le poids.**

**FRANCE**

**Pas de minimum de commande.**

**Franco de port pour toute commande > 500 € HT.**

**Frais de transport 30 € HT (Express) pour toute commande < 500 € HT.**

**Messagerie sur demande : 18 € HT.**

**Frais additionnels pour conditionnement palette : à définir selon le poids.**

**Frais de certificats matière.**

**Certificat matière 2.2 : 9 € HT.**

**Certificat matière 3.1 : 18 € HT.**

## CONTACT

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INDUSTRIAL

PERFORMANCE

UPDATED DATASHEETS

UTS

TECH



# Guillemín

## NFE 29 572/EN 14 420-8

# Guillemin

## NFE 29 572/EN 14 420-8

### MATERIAL MATIÈRE MATERIAL

- AL** = Aluminium
- BR** = Brass *Laiton Latón*
- SS** = Stainless steel *Inox*
- PP** = Polypropylene

### SIZE DIMENSIONS DIMENSIONES

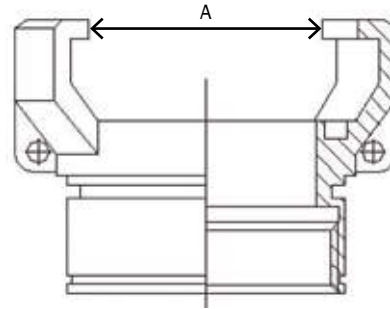
From DN 15 to DN 150 mm

### THREAD FILETAGE ROSCA

BSPP/NF ISO 228-1

### GASKETS JOINTS JUNTA







NBR/CSM



DN	A
15	26
20	32
25	37,5
32	42,5
40	55
50	69
65	84
80	104
100	124
150	193





AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Serrated hose shank with collar. With locking ring. NBR white gasket. <b>Cranté à collerette. Avec verrou. Joint NBR blanc.</b> <i>Acanalado con cuello. Con cierre. Junta NBR blanco.</i></p>	AL	40	40	5101203	
		50	51	0117425	
		65	64	0117426	
		80	76	0117244	
		80	81	0117734	
		100	102	0117427	
		100	105	5101621	
 <p>Serrated hose shank without collar. With locking ring. NBR white gasket. <b>Cranté sans collerette. Avec verrou. Joint NBR blanc.</b> <i>Acanalado sin cuello. Con cierre. Junta NBR blanco.</i></p>	AL	20	25	0736064	
		25	30	0736065	
		25	25	5102043	
		32	35	0736066	
		40	45	0736067	
		40	35	5101798	
		50	55	0736069	
		65	70	0736072	
		80	90	0736073	
		100	110	0730025	
 <p>Serrated hose shank with collar. With locking ring. Without ears. NBR white gasket. <b>Cranté à collerette. Avec verrou. Sans oreilles. Joint NBR blanc.</b> <i>Acanalado con cuello. Con cierre. Sin orejas. Junta NBR blanco.</i></p>	AL	50	51	5101788	
		80	76	5102445	
 <p>Serrated hose shank without collar. With locking ring. Without ears. NBR white gasket. <b>Cranté sans collerette. Avec verrou. Sans oreilles. Joint NBR blanc.</b> <i>Acanalado sin cuello. Con cierre. Sin orejas. Junta NBR blanco.</i></p>	AL	80	90	5102048	
 <p>Grooved hose shank. With locking ring. NBR white gasket. <b>A gorge. Avec verrou. Joint NBR blanc.</b> <i>Acanalado. Con cierre. Junta NBR blanco.</i></p>	AL	80	90	5101985	
		100	110	5101986	
 <p>Female thread. With locking ring. NBR white gasket. <b>Fileté femelle. Avec verrou. Joint NBR blanc.</b> <i>Rosca hembra. Con cierre. Junta NBR blanco.</i></p>	AL	20	3/4"	5101289	
		25	1"	5101290	
		32	1"1/4	5101291	
		40	1"1/2	5101292	
		50	2"	5101293	
		65	2"1/2	5101294	
		65	2"	5102077	
		80	2"1/2	5102078	
		80	3"	5101295	
		100	4"	5101296	
		125	5"	5105401	
150	6"	5101297			

■ AL = Aluminium
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■ PP = Polypropylene





## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. With locking ring. Without ears. NBR white gasket.  <b>Fileté femelle. Avec verrou. Sans oreilles. Joint NBR blanc.</b>  <i>Rosca hembra. Con cierre. Sin orejas. Junta NBR blanco.</i></p>	AL	40	1"1/2	5105056	
		50	2"	5105055	
		65	2"1/2	5105057	
		80	3"	5101951	
		100	4"	5105054	
 <p>Female thread. Without locking ring. Without gasket.  <b>Fileté femelle. Sans verrou. Sans joint.</b>  <i>Rosca hembra. Sin cierre. Sin junta.</i></p>	AL	20	3/4"	5101577	
		25	1"	5101578	
		32	1"1/4	5101579	
		40	1"1/2	5101580	
		50	2"	5101581	
		65	2"1/2	5101582	
		80	3"	5101583	
		100	4"	5101584	
 <p>Male thread. With locking ring. NBR white gasket.  <b>Fileté mâle. Avec verrou. Joint NBR blanc.</b>  <i>Rosca macho. Con cierre. Junta NBR blanco.</i></p>	AL	20	3/4"	5101267	
		25	1"	5101268	
		32	1"1/4	5101269	
		40	1"1/2	5101270	
		50	2"	5101271	
		65	2"1/2	5101272	
		65	2"	5102079	
		80	3"	5101273	
		80	2"1/2	5102080	
		100	4"	5101274	
 <p>Male thread. Without locking ring. Without gasket.  <b>Fileté mâle. Sans verrou. Sans joint.</b>  <i>Rosca macho. Sin cierre. Sin junta.</i></p>	AL	150	6"	5101275	
		20	3/4"	5101308	
		25	1"	5101309	
		32	1"1/4	5101310	
		40	1"1/2	5101311	
		50	2"	5101312	
		65	2"1/2	5101313	
		80	3"	5101314	
		100	4"	5101315	



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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Reductor. With locking ring. NBR white gasket. <b>Réduction. Avec verrou. Joint NBR blanc.</b> <i>Reductor. Con cierre. Junta NBR blanco.</i></p>	AL	100 - 40		5101215	
		100 - 50		5101216	
		100 - 65		5101217	
		100 - 80		5101218	
		150 - 100		5101219	
		40 - 20		5101204	
		40 - 25		5101205	
		40 - 32		5101206	
		50 - 25		5101207	
		50 - 32		5101208	
		50 - 40		5101209	
		65 - 40		5101210	
		65 - 50		5101211	
		80 - 40		5101212	
		80 - 50		5101213	
80 - 65		5101214			
 <p>Cap. With handle. NBR white gasket. <b>Bouchon. A poignée. Joint NBR blanc.</b> <i>Tapon. Con punado. Junta NBR blanco.</i></p>	AL	25		5101342	
		32		5101343	
		40		5101344	
		50		5101345	
		65		5101346	
		80		5101347	
		100		5101348	
 <p>Cap. With locking ring. NBR white gasket. <b>Bouchon. Avec verrou. Joint NBR blanc.</b> <i>Tapon. Con cierre. Junta NBR blanco.</i></p>	AL	20		5101326	
		25		5101327	
		32		5101328	
		40		5101329	
		50		5101330	
		65		5101331	
		80		5101332	
		100		5101333	
		<b>NEW</b> 125		5105429	
150		5101334			
 <p>Cap. Lockable. NBR white gasket. <b>Bouchon. Cadenassable. Joint NBR blanc.</b> <i>Tapon. Con cadena. Junta NBR blanco.</i></p>	AL	50		5101338	
		65		5101339	
		80		5101340	
		100		5101341	

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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
 <p>Serrated hose shank with collar. With locking ring. Black CSM gasket. <b>Cranté à collerette. Avec verrou. Joint CSM noir.</b> <i>Acanalado con cuello. Con cierre. Junta CSM negro.</i></p>	SS 316	40	40	0117205	 page 159	
		50	51	0117422		
		65	65	0117423		
		80	76	0116792		
		80	81	5102375		
		100	102	0117424		
 <p>Serrated hose shank with collar. With secure locking ring. Black CSM gasket. <b>Cranté à collerette. Avec verrou sécurisé. Joint CSM noir.</b> <i>Acanalado con cuello. Con cierre securizado. Junta CSM negro.</i></p>	SS 316	80	76	5105086		
 <p>Serrated hose shank without collar. With locking ring. Black CSM gasket. <b>Cranté sans collerette. Avec verrou. Joint CSM noir.</b> <i>Acanalado sin cuello. Con cierre. Junta CSM negro.</i></p>	SS 316	15	20	0111602		
		20	25	0111603		
		25	30	0111604		
		32	35	0111605		
		40	45	0111606		
		50	55	0111607		
		65	70	0111509		
		80	90	0111457		
 <p>Serrated hose shank for circlip. With locking ring. Black CSM gasket. <b>Douille à jonc. Avec verrou. Joint CSM noir.</b> <i>Acanalado para anillo. Con cierre. Junta CSM negro.</i></p>	PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i>	SS 316	40	38	5100618	 page 159
			50	50	5100619	
			65	63	5100620	
			80	75	5100621	
			100	100	5100767	
 <p>Female thread. With locking ring. Black CSM gasket. <b>Fileté femelle. Avec verrou. Joint CSM noir.</b> <i>Rosca hembra. Con cierre. Junta CSM negro.</i></p>	SS 316	15	1/2"	5101280		
		20	3/4"	5101281		
		25	1"	5101282		
		32	1"1/4	5101283		
		40	1"1/2	5101284		
		50	2"	5101285		
		65	2"1/2	5101286		
		80	3"	5101287		
 <p>Female thread. With secure locking ring. Black CSM gasket. <b>Fileté femelle. Avec verrou sécurisé. Joint CSM noir.</b> <i>Rosca hembra. Con cierre securizado. Junta CSM negro.</i></p>	SS 316	50	2"	5101236		
		80	3"	5101237		






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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. Without locking ring. Without gasket. <b>Fileté femelle. Sans verrou. Sans joint.</b> <i>Rosca hembra. Sin cierre. Sin junta.</i></p>	SS 316	20	3/4"	5101568	
		25	1"	5101569	
		32	1"1/4	5101570	
		40	1"1/2	5101571	
		50	2"	5101572	
		65	2"1/2	5101573	
		80	3"	5101574	
		100	4"	5101575	
 <p>Male thread. With locking ring. Black CSM gasket. <b>Fileté mâle. Avec verrou. Joint CSM noir.</b> <i>Rosca macho. Con cierre. Junta CSM negro.</i></p>	SS 316	20	3/4"	5101259	
		25	1"	5101260	
		32	1"1/4	5101261	
		40	1"1/2	5101262	
		50	2"	5101263	
		65	2"1/2	5101264	
		80	3"	5101265	
		100	4"	5101266	
 <p>Male thread. Without locking ring. Without gasket. <b>Fileté mâle. Sans verrou. Sans joint.</b> <i>Rosca macho. Sin cierre. Sin junta.</i></p>	SS 316	20	3/4"	5101299	
		25	1"	5101300	
		32	1"1/4	5101301	
		40	1"1/2	5101302	
		50	2"	5101303	
		65	2"1/2	5101304	
		80	3"	5101305	
		100	4"	5101306	
 <p>For welding. With locking ring. Black CSM gasket. <b>A souder. Avec verrou. Joint CSM noir.</b> <i>Para soldar. Con cierre. Junta CSM negro.</i></p>	SS 316	20	26,9	5101241	
		25	33,7	5101242	
		32	42,2	5101243	
		40	48,3	5101244	
		50	60,3	5101245	
		65	76,1	5101246	
		80	88,9	5101247	
		100	114,3	5101248	
 <p>For welding. With secure locking ring. BW. Black CSM gasket. <b>A souder. Avec verrou sécurisé. BW. Joint CSM noir.</b> <i>Para soldar. Con cierre securisado. BW. Junta CSM negro.</i></p>	SS 316	50		5105001	
		80		5105069	







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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>For welding. Without locking ring. Without gasket. <b>A souder. Sans verrou. Sans joint.</b> <i>Para soldar. Sin cierre. Sin junta.</i></p>	SS 316	20	26,9	5101250	
		25	33,7	5101251	
		32	42,2	5101252	
		40	48,3	5101253	
		50	60,3	5101254	
		65	76,1	5101255	
		80	88,9	5101256	
		100	114,3	5101257	
 <p>Reducer. With locking ring. Black CSM gasket. <b>Réduction. Avec verrou. Joint CSM noir.</b> <i>Reductor. Con cierre. Junta CSM negro.</i></p>	SS 316	40 - 20		5101220	
		40 - 25		5101221	
		40 - 32		5101222	
		50 - 25		5101223	
		50 - 32		5101224	
		50 - 40		5101225	
		65 - 40		5101226	
		65 - 50		5101227	
		80 - 40		5101228	
		80 - 50		5101229	
		80 - 65		5101230	
		100 - 40		5101231	
		100 - 50		5101232	
100 - 65		5101233			
100 - 80		5101234			
 <p>Cap. With handle. Black CSM gasket. <b>Bouchon. A poignée. Joint CSM noir.</b> <i>Tapon. Con punado. Junta CSM negro.</i></p>	SS 316	80		5102009	
 <p>Cap. With locking ring. Black CSM gasket. <b>Bouchon. Avec verrou. Joint CSM noir.</b> <i>Tapon. Con cierre. Junta CSM negro.</i></p>	SS 316	15		5101316	
		20		5101317	
		25		5101318	
		32		5101319	
		40		5101320	
		50		5101321	
		65		5101322	
		80		5101323	
		100		5101324	
 <p>Cap. Lockable. Black CSM gasket. <b>Bouchon. Cadenassable. Joint CSM noir.</b> <i>Tapon. Con cadena. Junta CSM negro.</i></p>	SS 316	NEW 150		5105449	
		40		5102395	
		50		5101335	
		65		5102396	
		80		5101336	
		100		5101337	







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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. With locking ring. Black NBR gasket. <b>Fileté femelle. Avec verrou. Joint NBR noir.</b> <i>Rosca hembra. Con cierre. Junta NBR negro.</i></p>	BR	20	3/4"	5102349	
		25	1"	5102350	
		40	1"1/2	5109159	
		50	2"	5109158	
		80	3"	5101805	
		100	4"	5102348	
 <p>Female thread. With locking ring. EPDM gasket. <b>Fileté femelle. Avec verrou. Joint EPDM.</b> <i>Rosca hembra. Con cierre. Junta EPDM.</i></p>	PP	40	1"1/2	5105091	
		50	2"	5101564	
		80	3"	5101565	
		100	4"	5105092	
 <p>Male thread. With locking ring. EPDM gasket. <b>Fileté mâle. Avec verrou. Joint EPDM.</b> <i>Rosca macho. Con cierre. Junta EPDM.</i></p>	PP	40	1"1/2	5105093	
		50	2"	5101276	
		80	3"	5101278	
		100	4"	5101279	
 <p>Reducer. With locking ring. EPDM gasket. <b>Réduction. Avec verrou. Joint EPDM.</b> <i>Reductor. Con cierre. Junta EPDM.</i></p>	PP	50 - 80		5101597	
		80 - 100		5105095	
 <p>Cap. Lockable. EPDM gasket. <b>Bouchon. Cadenassable. Joint EPDM.</b> <i>Tapon. Con cadena. Junta EPDM.</i></p>	PP	40		5102039	
		50		5102064	
		80		5101873	
		100		5101977	
 <p>Guillemin/Express. With locking ring. Black NBR gasket. <b>Guillemin/Express. Avec verrou. Joint NBR noir.</b> <i>Guillemin/Express. Con cierre. Junta NBR negro.</i></p>	AL/BR	40		5102398	
		65		5102269	

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 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Chain. <b>Chainette.</b> Cadena.		SS 304	5108962	
		A.	ST	20 - 65	5101388
		B.	ST	50 - 100	5101476
	Spanner. <b>Clé de serrage.</b> Llave de presion.	C.	ST	20 - 115	5101390
		D.	BR	50 - 100	5101595
		E.	BR	20 - 115	5101596

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 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Gasket. Joint. Junta.</p>	PTFE white. <b>PTFE blanc.</b> <i>PTFE blanco.</i>	PTFE	15	5101378	
			20	5101379	
			25	5101380	
			32	5101381	
			40	5101382	
			50	5101383	
			65	5101384	
			80	5101385	
			100	5101386	
 <p>Gasket. Joint. Junta.</p>	FPM. <b>FPM.</b> <i>FPM.</i>	FPM	15	5101369	
			20	5101370	
			25	5101371	
			32	5101372	
			40	5101373	
			50	5101374	
			65	5101375	
			80	5101376	
			100	5101377	
 <p>Gasket. Joint. Junta.</p>	EPDM white. <b>EPDM blanc.</b> <i>EPDM blanco.</i>	EPDM	15	5101360	
			20	5101361	
			25	5101362	
			32	5101363	
			40	5101364	
			50	5101365	
			65	5101366	
			80	5101367	
			100	5101368	
 <p>Gasket. Joint. Junta.</p>	Black NBR. <b>NBR noir.</b> <i>NBR negro.</i>	NBR	15	5101349	
			20	5101350	
			25	5101351	
			32	5101352	
			40	5101353	
			50	5101354	
			65	5101355	
			80	5101356	
			100	5101358	
			150	5101359	







# Secure Guillemín

## NFE 29 572/EN 14 420-8

GUILLEMIN SÉCURISÉ GUILLEMIN SECURISADO

# Secure Guillemmin

## NFE 29 572/EN 14 420-8

**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

**SIZE DIMENSIONS DIMENSIONES**

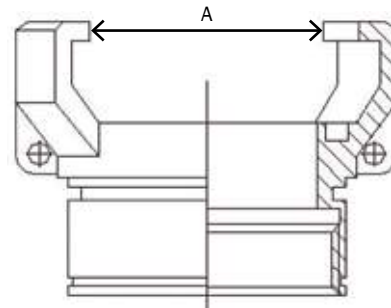
DN 50/80 mm

**THREAD FILETAGE ROSCA**

BSPP/NF ISO 228-1

**GASKETS JOINTS JUNTA**





CSM



DN	A
50	69
80	104

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>For welding. With secure locking ring. BW. Black CSM gasket. <b>A souder. Avec verrou sécurisé. BW. Joint CSM noir.</b> <b>Para soldar. Con cierre securisado. BW. Junta CSM negro.</b></p>	SS 316	50		5105001	
		80		5105069	
 <p>Female thread. With secure locking ring. Black CSM gasket. <b>Fileté femelle. Avec verrou sécurisé. Joint CSM noir.</b> <b>Rosca hembra. Con cierre securisado. Junta CSM negro.</b></p>	SS 316	50	2"	5101236	
		80	3"	5101237	
 <p>Serrated hose shank with collar. With secure locking ring. Black CSM gasket. <b>Cranté à collerette. Avec verrou sécurisé. Joint CSM noir.</b> <b>Acanalado con cuello. Con cierre securisado. Junta CSM negro.</b></p>	SS 316	80	76	5105086	
 <p>Guillemin. Secure. Helico. Black CSM gasket. <b>Guillemin. Sécurisé. Helico. Joint CSM noir.</b> <b>Guillemin. Securisado. Helico. Junta CSM negro.</b></p>	SS 316	50	50	5102344	
		80	80	5101239	





# Camlock

MIL C-27487

# Camlock

## MIL C-27487

### MATERIAL MATIÈRE MATERIAL

■ **AL** = Aluminium

■ **BR** = Brass *Laiton Latón*

■ **SS** = Stainless steel *Inox*

■ **PP** = Polypropylene

On request *Sur demande Bajo pedido*

### SIZE DIMENSIONS DIMENSIONES

From DN 1/2" to DN 6"

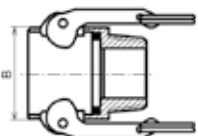
### THREAD FILETAGE ROSCA

BSPP/NF ISO 228-1

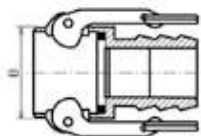
### GASKETS JOINTS JUNTA

NBR

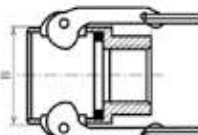
### COUPLER



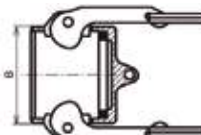
TYPE B Male



TYPE C Hose shank



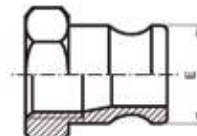
TYPE D Female



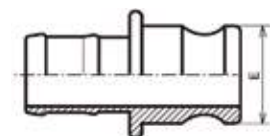
TYPE DC Dust plug

DN mm	B
15	32
20	42
25	46
32	56
40	64
50	76
65	87
80	103
100	132
125	162
150	194

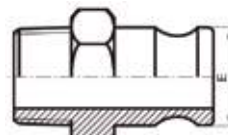
### ADAPTER



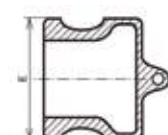
TYPE A Female



TYPE E Hose shank



TYPE F Male




TYPE DP Dust plug

DN mm	E
15	23,8
20	32,1
25	36,7
32	45,5
40	53,4
50	63
65	75,8
80	91,5
100	119,5
125	146
150	175,9

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# Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type A. <b>Type A.</b> Tipo A.</p>	AL	1/2"		5101650	
		3/4"		5101651	
		1"		5101652	
		1"1/4		5101653	
		1"1/2		5101654	
		2"		5101655	
		2"1/2		5101656	
		3"		5101657	
		4"		5101658	
		5"		5101659	
 <p>Type B. <b>Type B.</b> Tipo B.</p>	AL	1/2"		5101661	
		3/4"		5101662	
		1"		5101663	
		1"1/4		5101664	
		1"1/2		5101665	
		2"		5101666	
		2"1/2		5101667	
		3"		5101668	
		4"		5101669	
		5"		5101670	
 <p>Type C. <b>Type C.</b> Tipo C.</p>	AL	1/2"		5101672	
		3/4"		5101673	
		1"		5101674	
		1"1/4		5101675	
		1"1/2		5101676	
		2"		5101677	
		2"1/2		5101678	
		3"		5101679	
		4"		5101680	
		5"		5101681	
 <p>Type D. <b>Type D.</b> Tipo D.</p>	AL	1/2"		5101683	
		3/4"		5101684	
		1"		5101685	
		1"1/4		5101686	
		1"1/2		5101687	
		2"		5101688	
		2"1/2		5101689	
		3"		5101690	
		4"		5101691	
		5"		5101692	
6"		5101693			

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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type E. Type E. Tipo E.</p>	AL	1/2"		5101694	
		3/4"		5101695	
		1"		5101696	
		1"1/4		5101697	
		1"1/2		5101698	
		2"		5101699	
		2"1/2		5101700	
		3"		5101701	
		4"		5101702	
		5"		5101703	
		6"		5101704	
 <p>Type F. Type F. Tipo F.</p>	AL	1/2"		5101705	
		3/4"		5101706	
		1"		5101707	
		1"1/4		5101708	
		1"1/2		5101709	
		2"		5101710	
		2"1/2		5101711	
		3"		5101712	
		4"		5101713	
		5"		5101714	
		6"		5101715	
 <p>Type DC. Type DC. Tipo DC.</p>	AL	1/2"		5101716	
		3/4"		5101717	
		1"		5101718	
		1"1/4		5101719	
		1"1/2		5101720	
		2"		5101721	
		2"1/2		5101722	
		3"		5101723	
		4"		5101724	
		5"		5101725	
		6"		5101726	
 <p>Type DP. Type DP. Tipo DP.</p>	AL	1/2"		5101727	
		3/4"		5101728	
		1"		5101729	
		1"1/4		5101730	
		1"1/2		5101731	
		2"		5101732	
		2"1/2		5101733	
		3"		5101734	
		4"		5101735	
		5"		5101736	
		6"		5101737	



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# Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type A. Type A. Tipo A.</p>	SS 316	1/2"		5101396	
		3/4"		5101397	
		1"		5101398	
		1"1/4"		5101399	
		1"1/2"		5101400	
		2"		5101401	
		2"1/2"		5101402	
		3"		5101403	
		4"		5101404	
		5"		5101587	
 <p>Type B. Type B. Tipo B.</p>	SS 316	1/2"		5101426	
		3/4"		5101427	
		1"		5101428	
		1"1/4"		5101429	
		1"1/2"		5101430	
		2"		5101431	
		2"1/2"		5101432	
		3"		5101433	
		4"		5101434	
		5"		5101590	
 <p>Type C. Type C. Tipo C.</p>	SS 316	1/2"		0117430	
		3/4"		0117431	
		1"		0117432	
		1"1/4"		0117433	
		1"1/2"		0117434	
		2"		0117435	
		2"1/2"		0117436	
		3"		0117437	
		4"		0117438	
		5"		5101585	
 <p>Type D. Type D. Tipo D.</p>	SS 316	1/2"		5101416	
		3/4"		5101417	
		1"		5101418	
		1"1/4"		5101419	
		1"1/2"		5101420	
		2"		5101421	
		2"1/2"		5101422	
		3"		5101423	
		4"		5101424	
		5"		5101589	
6"		5101425			





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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Secure type D DIN 2828. <b>Type D sécurisé DIN 2828.</b> <i>Tipo D securizado DIN 2828.</i></p>	SS 316	3/4"		SAFD19	
		1"		SAFD25	
		1"1/4		SAFD32	
		1"1/2		SAFD40	
		2"		SAFD50	
		2"1/2		SAFD65	
		3"		SAFD80	
		4"		SAFD100	
 <p>Type E. <b>Type E.</b> Tipo E.</p>	SS 316	1/2"		0117443	
		3/4"		0117444	
		1"		0117445	
		1"1/4		0117446	
		1"1/2		0117447	
		2"		0117448	
		2"1/2		0117449	
		3"		0117450	
		4"		0117451	
		5"		5101586	
 <p>Type F. <b>Type F.</b> Tipo F.</p>	SS 316	1/2"		5101406	
		3/4"		5101407	
		1"		5101408	
		1"1/4		5101409	
		1"1/2		5101410	
		2"		5101411	
		2"1/2		5101412	
		3"		5101413	
		4"		5101414	
		5"		5101588	
 <p>Adaptor BW. <b>Adapteur BW.</b> <i>Adaptor BW.</i></p>	SS 316	1/2"	21,3	5102011	
		3/4"	26,9	5102012	
		1"	33,7	5102013	
		1"1/4	42,2	5102014	
		1"1/2	48,3	5102015	
		2"	60,3	5102016	
		2"1/2	76,1	5102017	
		3"	88,9	5102018	
		4"	114,3	5102019	
		5"	139,7	5106997	






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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Coupler BW. <b>Coupleur BW.</b> Acoplador BW.</p>	SS 316	1/2"	21,3	5102020	
		3/4"	26,9	5102021	
		1"	33,7	5102022	
		1"1/4	42,2	5102023	
		1"1/2	48,3	5102024	
		2"	60,3	5102025	
		2"1/2	76,1	5102026	
		3"	88,9	5102027	
		4"	114,3	5102028	
		5"	139,7	5106996	
 <p>Secure coupler BW. <b>Coupleur BW sécurisé.</b> Acoplador securizado BW.</p>	SS 316	3/4"	26,7	SAFBW19	
		1"	33,7	SAFBW25	
		1"1/4	42,2	SAFBW32	
		1"1/2	48,3	SAFBW40	
		2"	60,3	SAFBW50	
		2"1/2	76,1	SAFBW65	
		3"	88,9	SAFBW80	
4"	114,3	SAFBW100			
 <p>Type DC. <b>Type DC.</b> Tipo DC.</p>	SS 316	1/2"		5101446	
		3/4"		5101447	
		1"		5101448	
		1"1/2		5101450	
		1"1/4		5101449	
		2"		5101451	
		2"1/2		5101452	
		3"		5101453	
		4"		5101454	
		5"		5101592	
 <p>Type DP. <b>Type DP.</b> Tipo DP.</p>	SS 316	6"		5101455	
		1/2"		5101436	
		3/4"		5101437	
		1"		5101438	
		1"1/4		5101439	
		1"1/2		5101440	
		2"		5101441	
		2"1/2		5101442	
		3"		5101443	
		4"		5101444	
5"		5101591			
6"		5101445			






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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type A. Type A. Tipo A.</p>	BR	1/2"		5102081	
		3/4"		5102082	
		1"		5102083	
		1"1/4		5102084	
		1"1/2		5102085	
		2"		5102086	
		2"1/2		5102087	
		3"		5102088	
		4"		5102089	
 <p>Type B. Type B. Tipo B.</p>	BR	1/2"		5102092	
		3/4"		5102093	
		1"		5102094	
		1"1/4		5102095	
		1"1/2		5102096	
		2"		5102097	
		2"1/2		5102098	
		3"		5102099	
		4"		5102100	
 <p>Type C. Type C. Tipo C.</p>	BR	1/2"		5102103	
		3/4"		5102104	
		1"		5102105	
		1"1/4		5102106	
		1"1/2		5102107	
		2"		5102108	
		2"1/2		5102109	
		3"		5102110	
		4"		5102111	
 <p>Type D. Type D. Tipo D.</p>	BR	1/2"		5102114	
		3/4"		5102115	
		1"		5102116	
		1"1/4		5102117	
		1"1/2		5102118	
		2"		5102119	
		2"1/2		5102120	
		3"		5102121	
		4"		5102122	
 <p>Type E. Type E. Tipo E.</p>	BR	1/2"		5102125	
		3/4"		5102126	
		1"		5102127	
		1"1/4		5102128	
		1"1/2		5102129	
		2"		5102130	
		2"1/2		5102131	
		3"		5102132	
		4"		5102133	

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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type F. Type F. Tipo F.</p>	BR	1/2"		5102136	
		3/4"		5102137	
		1"		5102138	
		1"1/4		5102139	
		1"1/2		5102140	
		2"		5102141	
		2"1/2		5102142	
		3"		5102143	
		4"		5102144	
 <p>Type DC. Type DC. Tipo DC.</p>	BR	1/2"		5102147	
		3/4"		5102148	
		1"		5102149	
		1"1/4		5102150	
		1"1/2		5102151	
		2"		5102152	
		2"1/2		5102153	
		3"		5102154	
		4"		5102155	
 <p>Type DP. Type DP. Tipo DP.</p>	BR	1/2"		5102158	
		3/4"		5102159	
		1"		5102160	
		1"1/4		5102161	
		1"1/2		5102162	
		2"		5102163	
		2"1/2		5102164	
		3"		5102165	
		4"		5102166	
 <p>Pin. Epingle. Pinza.</p>	SS 304	1/2" - 1"1/4		5105003	
		1"1/2 - 6"		5105004	
 <p>Pack Handle/Ping/Ring. Pack Goupille/Anneau/Axe. Pack Clavija/Eje/Anillo.</p>	SS 304	15 - 20		5102243	
		25		5102244	
		32 - 65		5102245	
		80 - 125		5102246	
		150		5102247	

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 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	NBR	1/2"		5101456	
		3/4"		5101457	
		1"		5101458	
		1"1/4		5101459	
		1"1/2		5101460	
		2"		5101461	
		2"1/2		5101462	
		3"		5101463	
		4"		5101464	
		5"		5102000	
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	EPDM	6"		5101465	
		1/2"		5102281	
		3/4"		5102282	
		1"		5102283	
		1"1/4		5102284	
		1"1/2		5102285	
		2"		5102286	
		2"1/2		5102287	
		3"		5102288	
		4"		5102289	
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	FPM	5"		5102290	
		6"		5102291	
		1/2"		5101466	
		3/4"		5101467	
		1"		5101468	
		1"1/4		5101469	
		1"1/2		5101470	
		2"		5101471	
		2"1/2		5101472	
		3"		5101473	
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	FEP /Silicone	4"		5101474	
		5"		5102280	
		6"		5101475	
		1/2"		5101494	
		3/4"		5101495	
		1"		5101496	
		1"1/4		5101497	
		1"1/2		5101498	
		2"		5101499	
		2"1/2		5101500	
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	FPM/ PTFE	3"		5101501	
		4"		5101502	
		1/2"		5101485	
		3/4"		5101486	
		1"		5101487	
		1"1/4		5101488	
		1"1/2		5101489	
		2"		5101490	
		2"1/2		5101491	
		3"		5101492	
4"		5101493			



# Secure Camlock

## MIL C-27487

CAMLOCK SÉCURISÉ CAMLOCK SECURISADO

# Secure Camlock

## MIL C-27487

**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

**SIZE DIMENSIONS DIMENSIONES**

From DN 3/4" to DN 4"

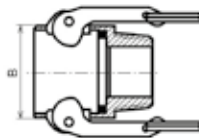
**THREAD FILETAGE ROSCA**

BSPP/NF ISO 228-1

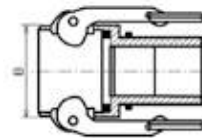
**GASKETS JOINTS JUNTA**

NBR

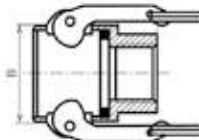
**COUPLER**



TYPE BW



TYPE DL Smooth shank



TYPE D Female




DN mm	B
15	32
20	42
25	46
32	56
40	64
50	76
65	87
80	103
100	132
125	162
150	194





■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Coupler BW. <b>Coupleur BW.</b> <b>Acoplador BW.</b></p>	<b>SS 316</b>	3/4"	26,7	SAFBW19	
		1"	33,7	SAFBW25	
		1"1/4	42,2	SAFBW32	
		1"1/2	48,3	SAFBW40	
		2"	60,3	SAFBW50	
		2"1/2	76,1	SAFBW65	
		3"	88,9	SAFBW80	
		4"	114,3	SAFBW100	
 <p>Secure type C with smooth shank DIN 2817. <b>Type C douille lisse DIN 2817.</b> <b>Tipo C caña lisa DIN 2817.</b></p>	<b>SS 316</b>	3/4"		SAFDL19	
		1"		SAFDL25	
		1"1/4		SAFDL32	
		1"1/2		SAFDL40	
		2"		SAFDL50	
		2"1/2		SAFDL65	
		3"		SAFDL80	
		4"		SAFDL100	
 <p>Secure type D DIN 2828. <b>Type D DIN 2828.</b> <b>Tipo D DIN 2828.</b></p>	<b>SS 316</b>	3/4"		SAFD19	
		1"		SAFD25	
		1"1/4		SAFD32	
		1"1/2		SAFD40	
		2"		SAFD50	
		2"1/2		SAFD65	
		3"		SAFD80	
		4"		SAFD100	

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 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018



Secure type DC.  
**Type DC.**  
*Tipo DC.*

DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
3/4"		SAFDC19	
1"		SAFDC25	
1"1/4		SAFDC32	
1"1/2		SAFDC40	
2"		SAFDC50	
2"1/2		SAFDC65	
3"		SAFDC80	
4"		SAFDC100	

SS 316



# Tankwagen

## DIN 28 450/EN 14 420-6

# Tankwagen

## DIN 28 450/EN 14 420-6

### MATERIAL MATIÈRE MATERIAL

**BR** = Brass **Laiton Latón**

**SS** = Stainless steel **Inox**

### SIZE DIMENSIONS DIMENSIONES

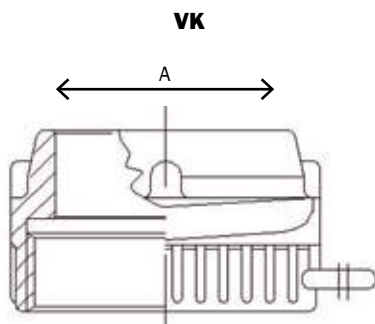
DN 50/80/100 mm

### THREAD FILETAGE ROSCA

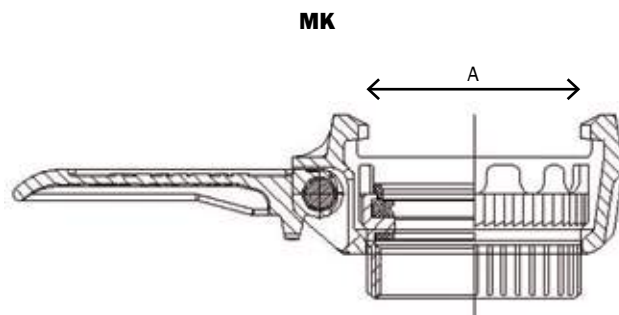
BSPP/NF ISO 228-1

### GASKETS JOINTS JUNTA

NBR/CSM











DN	A
50	48,5
80	76
100	95



DN	A
50	71
80	102
100	129

■ AL = Aluminium
 ■ BR = Brass *Laiton Latón*
■ ST = Steel *Acier Acero*
■ SS = Stainless steel *Inox*
■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>MK/Female thread. With handle. <b>MK/Fileté femelle. Avec poignée.</b> <i>MK/Rosca hembra. Con punado.</i></p>	BR	50		5101506	
		80		5101507	
		100		5101508	
	SS 316	50		5101504	
		80		5101505	
		100		5101593	
 <p>VK/Female thread. <b>VK/Fileté femelle.</b> <i>VK/Rosca hembra.</i></p>	BR	50		5101511	
		80		5101512	
		100		5101513	
	SS 316	50		5101509	
		80		5101510	
		100		5101594	
 <p>MB cap. <b>MB bouchon.</b> <i>MB tapon.</i></p>	BR	50		5101517	
		80		5101518	
		100		5101519	
	SS 316	50		5101514	
		80		5101515	
		100		5101516	
 <p>VB cap. <b>VB bouchon.</b> <i>VB tapon.</i></p>	BR	50		5101523	
		80		5101524	
		100		5101525	
	SS 316	50		5101520	
		80		5101521	
		100		5101522	

■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018



TW gasket.  
**Joint TW.**  
*Junta TW.*



	DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
--	---	---	------	-------

CSM

50 5105382

80 5105383

100 5105384

NBR

50 5105385

80 5105386

100 5105387



**Storz**  
DIN 14 321/322/323/307/308/309

# Storz

## DIN 14 321/322/323/307/308/309

### MATERIAL MATIÈRE MATERIAL

AL = Aluminium

### SIZE DIMENSIONS DIMENSIONES

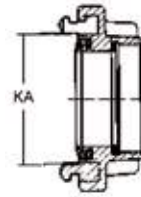
DN 50/80/100 mm

### THREAD FILETAGE ROSCA

BSPP/NF ISO 228-1

### GASKETS JOINTS JUNTA

NBR






DN	KA
52-C	66
75-B	89
110-A	133



■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
 <p>Secure female thread. <b>Fileté femelle sécurisé.</b> <i>Rosca hembra securizado.</i></p>	Type C.	52	2"	5101537		
	Type B.	AL	75	3"	5101538	
	Type A.		110	4"	5101539	
 <p>Female thread. <b>Fileté femelle.</b> <i>Rosca hembra.</i></p>	Type C. DIN 14 307.		52	2"	5101771	
	Type B. DIN 14 308.	AL	75	3"	5101772	
	Type A. DIN 14 309.		110	4"	5101773	
 <p>Swivel female thread. <b>Fileté femelle tournant.</b> <i>Rosca hembra giratorio.</i></p>	Type C.		52	2"	5105096	
	Type B.	AL	75	3"	5105097	
	Type A.		110	4"	5101774	

■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Serrated hose shank. <b>Cannelé.</b> <i>Acanalado.</i></p>	Type C. DIN 14 321.		52	5107125	
	Type B. DIN 14 322.	AL	75	5101816	
	Type A. DIN 14 323.		110	5108991	
 <p>Smooth hose shank/ Collar. <b>Douille lisse/Colerette.</b> <i>Caña lisa/Cuello.</i></p>	Type C.		52	50	5105098
	Type B.	AL	75	75	5105099
	Type A.		110	100	5105100
 <p>Cap. <b>Bouchon.</b> <i>Tapon.</i></p>	Type C. DIN 14 311.		52		5105101
	Type B. DIN 14 312.	AL	75		5101817
	Type A. DIN 14 313.		110		5105102



**GFR**  
**NFE 29-579**

# GFR

## NFE 29-579

### MATERIAL MATIÈRE MATERIAL

AL = Aluminium

### SIZE DIMENSIONS DIMENSIONES

DN 80/100 mm

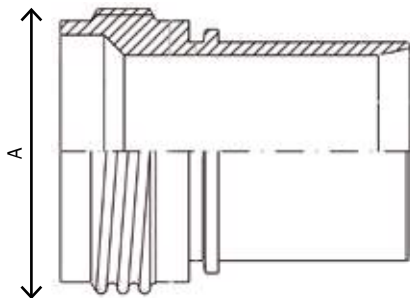
### THREAD FILETAGE ROSCA

"Gros Filet Rond", BSPP/NF ISO 228-1

### GASKETS JOINTS JUNTA

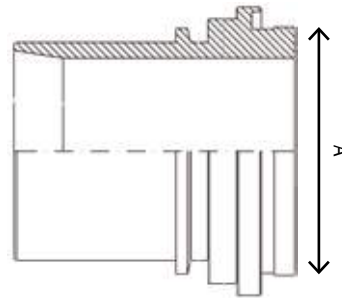
NBR

### MALE MÂLE MACHO



DN	A
80	106,5
100	131





### FEMALE FEMELLE HEMBRA



DN	A
80	85,9
100	106

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Female. Female thread. <b>Femelle. Fileté femelle.</b> <i>Hembra. Rosca hembra.</i>	AL	80	3"	5101531
	Male. Male thread. <b>Mâle. Fileté mâle.</b> <i>Macho. Rosca macho.</i>	AL	80	3"	5101533
	Female. Smooth hose shank/Collar. <b>Femelle. Douille lisse/Colerette.</b> <i>Hembra. Caña lisa/Cuello.</i>	AL	80	75	5103067
		AL	100	100	5102962
	Male. Smooth hose shank/Collar. <b>Mâle. Douille lisse/Colerette.</b> <i>Macho. Caña lisa/Cuello.</i>	AL	80	75	5103066
		AL	100	100	5102961





**Express**  
**NFE 29 573**

# Express

## NFE 29 573

**MATERIAL MATIÈRE MATERIAL**

**BR** = Brass *Laiton Latón*

**ST** = Steel *Acier Acero*

**SS** = Stainless steel *Inox*

**SIZE DIMENSIONS DIMENSIONES**

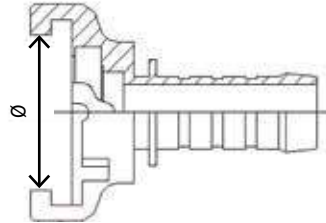
From DN 1/4" to DN 1" 1/4

**THREAD FILETAGE ROSCA**

BSPP/NF ISO 228-1

**GASKETS JOINTS JUNTA**

NBR



DN	Ø
1/4"	40,5
1/2"	
3/4"	
1"	
1"1/4"	








AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene


## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Serrated hose shank. NBR gasket. <b>Annelé. Joint NBR.</b> <b>Acanalado. Junta NBR.</b>		9	5102313	
			13	5102312	
		BR	16	5101755	
			19	5101756	
			25	5101757	
	Female thread. NBR gasket. <b>Fileté femelle. Joint NBR.</b> <b>Rosca hembra. Junta NBR.</b>	1/4"		5102309	
		1/2"		5101752	
		3/4"		5101753	
		1"		5101754	
		1"1/4		5105103	
	Male thread. NBR gasket. <b>Fileté mâle. Joint NBR.</b> <b>Rosca macho. Junta NBR.</b>	1/4"		5102306	
		1/2"		5101749	
		3/4"		5101750	
		1"		5101751	
		1"1/4		5102308	
	Cap Express. NBR gasket. <b>Bouchon Express. Joint NBR.</b> <b>Tapon Express. Junta NBR.</b>	BR		5102317	
	Serrated hose shank. NBR gasket. <b>Annelée. Joint NBR.</b> <b>Acanalado. Junta NBR.</b>	SS 316	16	5101555	
			19	5101556	
			25	5101557	
	Female thread. NBR gasket. <b>Fileté femelle. Joint NBR.</b> <b>Rosca hembra. Junta NBR.</b>	SS 316	1/2"	5101552	
			3/4"	5101553	
			1"	5101554	
	Male thread. NBR gasket. <b>Fileté mâle. Joint NBR.</b> <b>Rosca macho. Junta NBR.</b>	SS 316	1/2"	5101549	
			3/4"	5101550	
			1"	5101551	
	Express BW. NBR gasket. <b>Express BW. Joint NBR.</b> <b>Express BW. Junta NBR.</b>	SS 316	33,7	5102259	
	Cap Express. NBR gasket. <b>Bouchon Express. Joint NBR.</b> <b>Tapon Express. Junta NBR.</b>	SS 316		5101558	

■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Gasket. <b>Joint.</b> <i>Junta.</i>	FPM	70 Shore	5101559	
	Gasket. <b>Joint.</b> <i>Junta.</i>	FPM	55 Shore	5105353	<b>NEW</b>
	Gasket. <b>Joint.</b> <i>Junta.</i>	NBR	70 Shore	5102305	
	Ferrule (20 pieces packaging). <b>Jupe (par 20 pièces).</b> <i>Campana (para 20 piezas).</i>	ST	19	0117895	
			N° 15	14 - 16	5102296
			N° 17	16 - 18	5102297
			N° 20	19 - 21	5102298
			N° 23	22 - 24	5102299
	Clamp. <b>Collier serrage.</b> <i>Abrazadera.</i>	ST	N° 26	25 - 27	5102300
			N° 29	28 - 30	5102301
			N° 32	31 - 33	5102302
			N° 36	35 - 37	5102303
			N° 38	37 - 39	5102304



# Steam hose couplings

## EN 14 423/DIN 2826

RACCORDS VAPEUR RACOR VAPOR

# Steam hose couplings

## EN 14 423/DIN 2826

### **MATERIAL MATIÈRE MATERIAL**

■ **ST** = Steel **Acier Acero**

### **SIZE DIMENSIONS DIMENSIONES**

From DN 1/2" to DN 2"

### **THREAD FILETAGE ROSCA**

BSPP/NF ISO 228-1

### **GASKETS JOINTS JUNTA**

Novapress®

Steam

**Vapeur**

**Vapor**

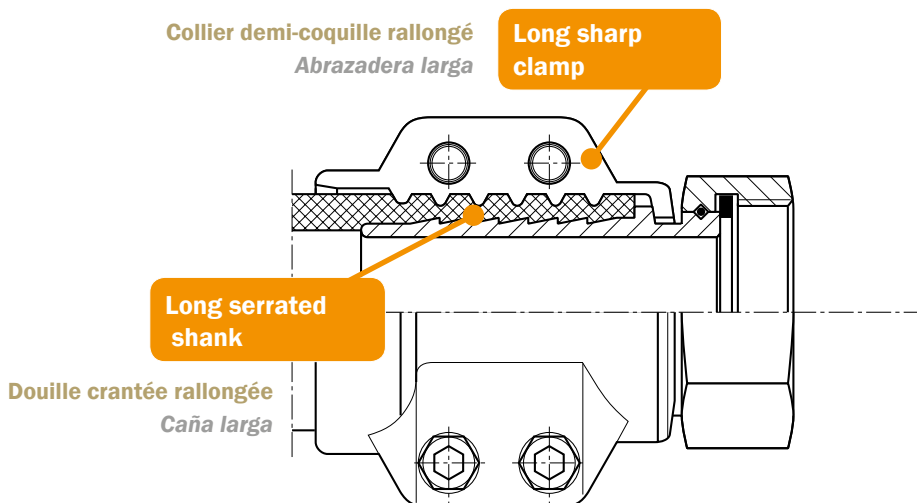
+ 210 °C

Hot water

**Eau chaude**



**Agua caliente**

+ 120 °C



■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

	DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>           Pack male thread. With brass collar.  <b>Pack fileté mâle. Avec collier laiton.</b>  <i>Pack rosca macho. Con abrazadera laton.</i> </p>	ST	1/2"	13	0116614
		3/4"	19	0116930
		1"	25	0117549
		1"1/4	32	0117550
		1"1/2	38	0117551
		2"	50	0117552
 <p>           Pack female thread. With brass collar.            Novapress® gasket.  <b>Pack fileté femelle. Avec collier laiton.</b>  <b>Joint Novapress®.</b>  <i>Pack rosca hembra. Con abrazadera laton. Junta Novapress®.</i> </p>	ST	1/2"	13	0117553
		3/4"	19	0117554
		1"	25	0117555
		1"1/4	32	0117556
		1"1/2	38	0117557
		2"	50	0117558





**KC**  
**King combination nipple**

# KC

## King combination nipple

**MATERIAL MATIÈRE MATERIAL**

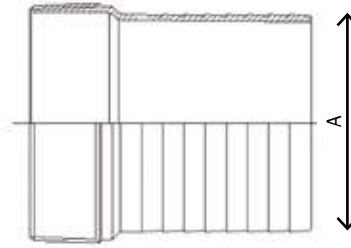
- AL** = Aluminium
- ST** = Steel *Acier Acero*
- SS** = Stainless steel *Inox*

**SIZE DIMENSIONS DIMENSIONES**

From DN 1" to DN 6"

**THREAD FILETAGE ROSCA**

BSPT ISO 7/1



DN	A
1"	25
1"1/4	32
1"1/2	38
2"	51
2"1/2	64
3"	77
4"	102
5"	128
6"	152



AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

# Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Male thread. With collar. <b>Fileté mâle. Avec collerette.</b> <i>Rosca macho. Con cuello.</i></p>	AL	2"	50	5102073	
		2"1/2	65	5102074	
		3"	75	5102075	
		4"	100	5102076	
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	ST	1"	25	0914457	
		1"1/4	32	0914465	
		1"1/2	40	0914473	
		2"	50	0914480	
		2"1/2	65	0914499	
		3"	75	0914507	
		4"	100	0914515	
		5"	125	0914523	
 <p>For welding BW. <b>A souder BW.</b> <i>Para soldar BW.</i></p>	ST	1"	33,7	5105104	
		1"1/4	42,2	5105105	
		1"1/2	48,3	5105106	
		2"	60,3	5105107	
		2"1/2	76,1	5105108	
		3"	88,9	5105109	
		4"	114,3	5105110	
		5"	139,7	5105111	
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	SS 316	1"	25	5105113	
		1"1/4	32	5105114	
		1"1/2	40	5105115	
		2"	50	5105116	
		2"1/2	65	5105117	
		3"	75	5105118	
		4"	100	5105119	
		5"	125	5105120	
 <p>For welding BW. <b>A souder BW.</b> <i>Para soldar BW.</i></p>	SS 316	1"	33,7	5105122	
		1"1/4	42,2	5105123	
		1"1/2	48,3	5105124	
		2"	60,3	5105125	
		2"1/2	76,1	5105126	
		3"	88,9	5105127	
		4"	114,3	5105128	
		5"	139,7	5105129	
		6"	168,3	5105130	





# Flange

## NF 1092-1-ASME/AISI B 16.5

BRIDE BRIDA

# Flange

## NF 1092-1-ASME/AISI B 16.5

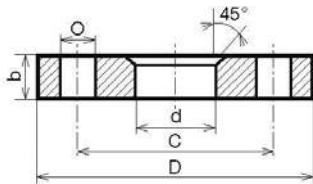
**MATERIAL MATIÈRE MATERIAL**

- ST = Steel *Acier Acero*
- SS = Stainless steel *Inox*

**SIZE DIMENSIONS DIMENSIONES**

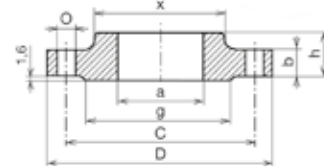
From DN 1/2" to DN 6"

**LOOSE FLANGE BRIDE PLATE TOURNANTE**



PN	DN	Alésage d	D	b	Perçage nxO	C
PN 10	15	25	95	14	4x14	65
	20	31	105	16	4x14	75
	25	38	115	16	4x14	85
PN 40	32	47	140	18	4x18	100
	40	53	150	18	4x18	110
PN 10 PN 16	50	65	165	19	4x18	125
	65	81	185	20	4x18	145
	80	94	200	20	8x18	160
	100	120	220	22	8x18	180
	125	145	250	22	8x18	210
	150	174	285	24	8x22	240
PN 10	200	226	340	24	8x22	295
	250	281	395	26	12x22	350
	300	333	445	26	12x22	400
	350	365	505	28	16x22	460
	400	416	565	32	16x26	515
	450	467	615	36	20x26	565
PN 16	500	519	670	38	20x26	620
	600	622	780	42	20x30	725
	200	226	340	26	12x22	295
	250	281	405	29	12x26	355
	300	333	460	32	12x26	410
	350	365	520	35	16x26	470
PN 16	400	416	580	38	16x30	525
	450	467	640	42	20x30	585
	500	519	715	46	20x33	650
	600	622	840	52	20x36	770





**SLIP-ON FLANGE BRIDE 'SLIP ON'**



	DN	Alésage a	b	D	h	x	Perçage nxO	C
Class 150	1/2"	22,3	9,7	88,9	14,1	30,2	4x15,9	60,3
	3/4"	27,7	11,2	98,5	14,1	38,1	4x15,9	69,8
	1"	34,5	12,7	107,9	15,9	49,3	4x15,9	79,4
	1"1/4	43,2	14,3	117,3	19,0	58,7	4x15,9	88,9
	1"1/2	49,5	15,9	127,0	20,8	65,0	4x15,9	98,4
	2"	62,0	17,5	152,4	23,8	77,7	4x19,0	120,6
	2"1/2	74,7	20,6	177,8	26,8	90,4	4x19,0	139,7
	3"	90,7	22,3	190,5	28,8	108,0	4x19,0	152,4
	4"	116,1	22,3	228,6	31,7	134,9	8x19,0	190,5
	5"	143,8	22,3	254,0	35,0	163,6	8x22,2	215,9
	6"	170,7	23,9	279,4	38,0	192,0	8x22,2	241,3
	8"	221,5	27,0	342,9	42,8	246,1	8x22,2	298,4
Class 300	10"	276,3	28,5	406,4	47,7	304,8	12x25,4	361,9
	12"	327,1	30,2	482,6	54,0	365,2	12x25,4	431,8
	1/2"	22,3	12,7	95,3	20,7	38,1	4x15,9	66,6
	3/4"	27,7	14,2	117,4	23,8	47,8	4x19,0	82,6
	1"	34,5	15,8	124,0	25,3	53,8	4x19,0	88,9
	1"1/4	43,2	17,5	133,3	25,3	63,5	4x19,0	98,5
	1"1/2	49,5	19,1	155,5	28,6	69,9	4x22,2	114,3
	2"	62,0	20,6	165,1	31,7	84,1	8x19,0	127,0
	2"1/2	74,7	23,9	190,5	36,5	100,1	8x22,2	149,4
	3"	90,7	26,9	209,6	41,3	117,3	8x22,2	168,1
	4"	116,1	30,2	254,0	46,1	146,0	8x22,2	200,1
	5"	143,8	33,3	279,4	49,2	177,8	8x22,2	235,0
6"	170,7	35,0	317,5	50,7	206,2	12x22,2	269,7	
8"	221,5	39,6	381,0	60,4	260,3	12x25,4	330,2	
10"	276,3	46,0	444,5	93,6	320,5	16x28,5	387,4	
12"	327,1	49,3	520,7	100,0	374,6	16x31,8	450,8	

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

# Trelleborg Fittings 2018

	DN	PN	Ref.	Price Prix Precio									
 <p>Insulating flange. <b>Bride isolante.</b> <i>Bridas aislantes.</i></p>	<b>Nylon PA6</b>												
					100	20 (150 lbs)	5102798						
					150	20 (150 lbs)	5102551						
					200	20 (150 lbs)	5102779						
					100	10-16	5105089						
					150	10-16	5105082						
 <p>Loose flange. NF EN 1091-1. Type 01. <b>Plate tournante. NF EN 1091-1. Type 01.</b> <i>Giratoria. NF EN 1091-1. Tipo 01.</i></p>	<b>ST (Galvanised or Zinc)</b>												
					15	10-40	BTA15040						
					20	10-40	BTA20040						
					25	10-40	BTA25040						
					32	10-40	BTA32040						
					40	10-40	BTA40040						
					50	10-16	BTA50016						
					65	10-16	BTA65016						
					80	10-16	BTA80016						
					100	10-16	BTA100016						
					125	10-16	BTA125016						
					150	10-16	BTA150016						
					 <p>Slip on. NF EN 1759-1. Type 01. <b>Slip on. NF EN 1759-1. Type 01.</b> <i>Slip on. NF EN 1759-1. Tipo 01.</i></p>	<b>SS 316L</b>							
										15	10-40	5105024	
										20	10-40	5105025	
25	10-40	5105026											
32	10-40	5105027											
40	10-40	5105028											
50	10-16	5105029											
65	10-16	5105030											
80	10-16	5105031											
100	10-16	5105032											
125	10-16	5105033											
150	10-16	5105034											
 <p>Slip on. NF EN 1759-1. Type 01. <b>Slip on. NF EN 1759-1. Type 01.</b> <i>Slip on. NF EN 1759-1. Tipo 01.</i></p>	<b>SS 316L</b>												
										15	20 (150 lbs)	5105036	
										15	50 (300 lbs)	5105045	
					20	20 (150 lbs)	5105037						
					20	50 (300 lbs)	5105046						
					25	20 (150 lbs)	5105038						
					25	50 (300 lbs)	5105047						
					32	20 (150 lbs)	5105039						
					32	50 (300 lbs)	5105048						
					40	20 (150 lbs)	5105040						
					40	50 (300 lbs)	5105049						
					50	20 (150 lbs)	5105041						
					50	50 (300 lbs)	5105050						
					65	20 (150 lbs)	5105042						
					65	50 (300 lbs)	5105051						
					80	20 (150 lbs)	5105043						
					80	50 (300 lbs)	5105052						
					100	20 (150 lbs)	5105044						
100	50 (300 lbs)	5105053											



The background of the top half of the page is a close-up photograph of a welding process. A bright blue and white flame is visible at the point where a metal rod is being joined to a larger metal component. The scene is dimly lit, with the primary light source being the intense heat of the weld.

# Welding fitting

PIÈCE À SOUDER PIEZA PARA SOLDAR

# Welding fitting

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**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

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**SIZE DIMENSIONS DIMENSIONES**



From DN 1/2" to DN 6"

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■ AL = Aluminium 
 ■ BR = Brass **Laiton Latón**
■ ST = Steel **Acier Acero**
■ SS = Stainless steel **Inox**
■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Large collar. For loose flange. <b>Collet épais. Pour bride tournante.</b> <b>Collar con espesor. Para brida giratoria.</b></p>	<b>SS 316L</b>	1/2"	21,3	COLEPI15	
		3/4"	26,7	COLEPI20	
		1"	33,7	COLEPI25	
		1"1/4	42,2	COLEPI32	
		1"1/2	48,3	COLEPI38	
		2"	60,3	COLEPI50	
		2"1/2	76,1	COLEPI65	
		3"	88,9	COLEPI80	
		4"	114,3	COLEPI100	
		5"	139,7	COLEPI125	
 <p>Male thread BSPT. MHS. Machined. With hexagon. <b>Fileté mâle BSPT. MHS. Usiné. Avec hexagone.</b> <b>Rosca macho BSPT. MHS. Mecanizado. Con hexagono.</b></p>	<b>SS 316L</b>	1/4"	13,7	5102416	
		3/8"	17,2	5102417	
		1/2"	21,3	5102418	
		3/4"	26,7	5102419	
		1"	33,7	5102420	
		1"1/4	42,2	5102421	
		1"1/2	48,3	5102422	
		2"	60,3	5102423	



# Shank with welding end

DOUILLE À SOUDER RACOR CON CAÑA PARA SOLDAR

# Shank with welding end

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**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

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**SIZE DIMENSIONS DIMENSIONES**

From DN 13 to 150 mm

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AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		OD weld. part OD douille OD caña	DN	Ref.	Notes
 <p>Serrated hose shank. With collar. <b>Douille crantée. A colerette.</b> <i>Acanalado. Con cuello.</i></p>	SS 316	13	13	5107000	 page 159
		16	16	5107008	
		19	19	5107001	
		25	25	5107002	
		32	32	5107003	
		38	38	5107004	
		51	51	5107005	
		63,5	63	5107006	
		76,1	76	5107007	
 <p>Serrated hose shank. With collar. <b>Douille crantée. Pour jonc.</b> <i>Acanalado. Con cuello.</i></p>	SS 316	25	25	0117196	PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i>   page 159
		33,7	33,7	5100274	
		38	38	0117197	
		45	45	5100505	
		51	51	0117198	
		63,5	63,5	0117199	
		70	70	5100450	
		76,1	76,1	0117200	
		101,5	101,5	0117201	
		125	125	5100144	
150	150	0118269			
 <p>Serrated hose shank. With collar. <b>Douille lisse. A colerette.</b> <i>Acanalado. Con cuello.</i></p>	SS 316	13	13	5107033	 page 159
		16	16	5107034	
		19	19	5107035	
		25	25	5107036	
		32	32	5107037	
		38	38	5107038	
		51	51	5107039	
		63,5	63	5107040	
		76,1	76	5107041	
104	102	5107042			





# Thread coupling

RACCORD FILETÉ RACOR ROSCADO

# Thread coupling

**MATERIAL MATIÈRE MATERIAL**

● **ST** = Steel **Acier Acero**

● **SS** = Stainless steel **Inox**

**SIZE DIMENSIONS DIMENSIONES**

From DN 1/2" to DN 1" 1/2

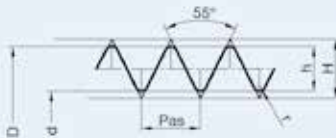
**THREAD FILETAGE ROSCA**

BSPP DIN 228, BSPT ISO 7/1

**Filetage Gaz**

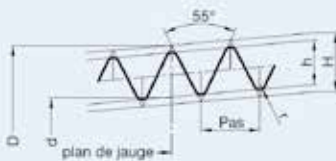
Filetage cylindrique BSPP  
NF EN ISO 228-1

$H = 0,9604 \times \text{pas}$   
 $h = 0,6043 \times \text{pas}$   
 $r = 0,1373 \times \text{pas}$



Filetage conique BSPT  
ISO 7/1

$H = 0,9604 \times \text{pas}$   
 $h = 0,6043 \times \text{pas}$   
 $r = 0,1373 \times \text{pas}$   
Conicité : 6,25%



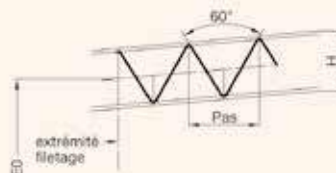
**Caractéristiques principales**

Désignation usuelle			Caractéristiques				
Diamètre nominal DN	Diamètre nominal (pouces)	Appellation courante	ø extérieur tube ISO	D* (mm)	d* (mm)	Pas	Nombre de filets au pouce
6	1/8"	5x10	10,2	9,728	8,556	0,907	28
8	1/4"	8x13	13,5	13,157	11,445	1,336	19
10	3/8"	12x17	17,2	16,662	14,950	1,336	19
15	1/2"	15x21	21,3	20,955	18,631	1,814	14
20	3/4"	20x27	26,9	26,441	24,117	1,814	14
25	1"	26x34	33,7	33,249	30,291	2,309	11
32	1 1/4"	33x42	42,4	41,910	38,952	2,309	11
40	1 1/2"	40x49	48,3	47,803	44,845	2,309	11
50	2"	50x60	60,3	59,614	56,656	2,309	11
65	2 1/2"	66x76	76,1	75,184	72,226	2,309	11
80	3"	80x90	88,9	87,884	84,926	2,309	11
100	4"	102x114	114,3	113,030	110,072	2,309	11
125	5"	127x140	139,7	138,430	135,472	2,309	11
150	6"	152x165	168,3	168,830	160,872	2,309	11

\* Pour filetage conique, diamètre au plan de jauge.

**Filetage conique NPT  
ANSI B1.20.1**

$H = 0,866 \times \text{pas}$   
 $h = 0,800 \times \text{pas}$   
Conicité : 6,25%



**Caractéristiques principales**






Désignation usuelle		Caractéristiques			
Diamètre nominal DN	Diamètre nominal (pouces)	ø extérieur tube ANSI	E0* (mm)	Pas	Nombre de filets au pouce
6	1/8"	10,3	8,556	0,94	27
8	1/4"	13,7	11,445	1,411	18
10	3/8"	17,1	14,950	1,411	18
15	1/2"	21,3	18,631	1,814	14
20	3/4"	26,7	24,117	1,814	14
25	1"	33,4	30,291	2,209	11,5
32	1 1/4"	42,2	38,952	2,209	11,5
40	1 1/2"	48,3	44,845	2,209	11,5
50	2"	60,3	56,656	2,209	11,5
65	2 1/2"	73,0	72,226	3,175	8
80	3"	88,9	84,926	3,175	8
100	4"	114,3	110,072	3,175	8

\* E0 = diamètre sur flanc à l'extrémité du filetage (filetage extérieur).







AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes					
	<p>Male thread. Serrated hose shank/Collar. Short length.  <b>Fileté mâle. Cranté/Colerette. Type court.</b>  <i>Rosca macho. Acanalado/Cuello. Tipo corto.</i></p>				To use with safety clamp 5103175 page 87. <b>A utiliser avec collier 5103175.</b> <i>Utilisar con abrazadera 5103175.</i>	ST	1"1/2	50	5105006	
	<p>Male thread. Serrated hose shank/Collar. Long length.  <b>Fileté mâle. Cranté/Colerette. Type long.</b>  <i>Rosca macho. Acanalado/Cuello. Tipo longo.</i></p>					ST	1"1/2	50	5105005	
	<p>Female thread AIR 50. End F 1"1/2. With nut.  <b>Fileté femelle AIR 50. Sortie F 1"1/2. Avec écrou.</b>  <i>Rosca hembra AIR 50. Salida F 1"1/2. Con tuerca.</i></p>					ST	1"1/2	50	5105088	
	<p>Male thread AIR 50. End F 1"1/2. With NBR gasket.  <b>Fileté mâle AIR 50. Sortie F 1"1/2. Avec joint NBR.</b>  <i>Rosca macho AIR 50. Salida F 1"1/2. Con junta NBR.</i></p>					ST	1"1/2	50	5105087	
	<p>Gasket for 5105088.  <b>Joint pour 5105088.</b>  <i>Junta para 5105088.</i></p>					NBR	2"	50	5102351	






AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. Serrated hose shank/Collar. TURNEX Type. Strong nut. <b>Fileté femelle. Cranté/Colerette. Type TURNEX. Ecrou renforcé.</b> <i>Rosca hembra. Acanalado/Cuello. Tipo TURNEX. Tuerca consolidada.</i></p>	ST	3/4"	19	5105000	
	 <p>Female thread. Serrated hose shank/Collar. BSP 60°. <b>Fileté femelle. Cranté/Colerette. BSP 60°.</b> <i>Rosca hembra. Acanalado/Cuello. BSP 60°.</i></p>	ST	1/4"	6	5005032
ST		1/4"	10	5102047	
ST		3/8"	8	5005018	
ST		3/8"	10	5005019	
ST		1/2"	13	5005045	
ST		3/4"	19	5005046	
ST		1"	25	5005047	
ST		1"1/4	32	5005048	
 <p>Female thread. Serrated hose shank/Collar. BSP 60°. Elbow 90°. <b>Fileté femelle. Cranté/Colerette. BSP 60°. Coudé 90°.</b> <i>Rosca hembra. Acanalado/Cuello. BSP 60°. Codo 90°.</i></p>	ST	1/2"	13	5100008	
	ST	3/4"	19	5100009	
	ST	1"	25	5100010	
 <p>Male thread. Serrated hose shank/Collar. BSP 60°. <b>Fileté mâle. Cranté/Colerette. BSP 60°.</b> <i>Rosca macho. Acanalado/Cuello. BSP 60°.</i></p>	ST	1/4"	6	5005030	
	ST	1/4"	10	5102046	
	ST	3/8"	8	5005016	
	ST	3/8"	10	5005017	
	ST	1/2"	13	5005049	
	ST	3/4"	19	5005050	
	ST	1"	25	5005051	
	ST	1"1/4	32	5005052	



AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. Serrated hose shank/Collar. BSP 60°. <b>Fileté femelle. Cranté/Colerette. BSP 60°.</b> <i>Rosca hembra. Acanalado/Cuello. BSP 60°.</i></p>	SS 316L	1/2"	13	0117886	
		1/2"	16	0118237	
		3/4"	19	0117888	
		1"	25	0117889	
 <p>Female thread. Serrated hose shank/Collar. BSP 60°. Elbow 90°. <b>Fileté femelle. Cranté/Colerette. BSP 60°.</b> <i>Rosca hembra. Acanalado/Cuello. BSP 60°.</i></p>	SS 316L	1/2"	16	5100180	
		3/4"	19	5100243	
		1"	25	5100244	
 <p>Female thread. Serrated hose shank/Collar. BSPP ISO 228-1. <b>Fileté femelle. Cranté/Colerette. BSPP ISO 228-1.</b> <i>Rosca hembra. Acanalado/Cuello. BSPP ISO 228-1.</i></p>	SS 316L	1/2"	13	5100964	
		1/2"	16	5100972	
		3/4"	19	5100965	
 <p>Male thread. Serrated hose shank/Collar. BSP 60°. <b>Fileté mâle. Cranté/Colerette. BSP 60°.</b> <i>Rosca macho. Acanalado/Cuello. BSP 60°.</i></p>	SS 316L	1/2"	13	0117882	
		1/2"	16	0118236	
		3/4"	19	0117884	
 <p>Male thread. Serrated hose shank/Collar. BSPP ISO 228-1. <b>Fileté mâle. Cranté/Colerette. BSPP ISO 228-1.</b> <i>Rosca macho. Acanalado/Cuello. BSPP ISO 228-1.</i></p>	SS 316L	1"	25	0117885	
		1/2"	13	5100960	
		3/4"	19	5100962	
		1"	25	5101762	

AL = Aluminium BR = Brass **Laiton Latón** ST = Steel **Acier Acero** SS = Stainless steel **Inox** PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Fixed male thread. Ser- rated hose shank/Collar. BSPT ISO-7/1. <b>Fileté mâle fixe. Cranté/ Collerette. BSPT ISO- 7/1.</b> <i>Rosca macho fija. Acanalado/Cuello. BSPT ISO-7/1.</i></p>	For spring 5100597. <b>Pour ressort 5100597.</b> <i>Para muelle 5100597.</i>	SS 316L	1/2"	13	5108958
	For spring 5100598. <b>Pour ressort 5100598.</b> <i>Para muelle 5100598.</i>		1/2"	16	5108960
	For spring 5100599. <b>Pour ressort 5100599.</b> <i>Para muelle 5100599.</i>		1/2"	19	5108961
 <p>Swivel male thread. Serrated hose shank/ Collar. BSPT ISO-7/1. <b>Fileté mâle tournant. Cranté/ Collerette. BSPT ISO-7/1.</b> <i>Rosca macho giratorio. Acanalado/Cuello. BSPT ISO-7/1.</i></p>	For spring 5100597. <b>Pour ressort 5100597.</b> <i>Para muelle 5100597.</i>	SS 316L	1/2"	13	5100600
	For spring 5100598. <b>Pour ressort 5100598.</b> <i>Para muelle 5100598.</i>		1/2"	16	5100601
	For spring 5100599. <b>Pour ressort 5100599.</b> <i>Para muelle 5100599.</i>		1/2"	19	5100602
 <p>Spring. <b>Ressort.</b> <i>Muelle.</i></p>	For 5108958 and 5100600.	SS 316L		13	5100597
	For 5108960 and 5100601.			16	5100598
	For 5108961 and 5100602.			19	5100599

For any other need, do consult us.  
**Pour tout autre besoin, nous consulter.**  
*Para otras necesidades, consultarnos.*



# Washing gun

PISTOLETS DE LAVAGE PISTOLA DE LAVADO

# Washing gun

## MATERIAL MATIÈRE MATERIAL

**BR** = Brass **Laiton Latón**

**SS** = Stainless steel **Inox**

With EPDM cover.

**Avec revêtement EPDM.**

**Con EPDM revestimiento.**

## SIZE DIMENSIONS DIMENSIONES

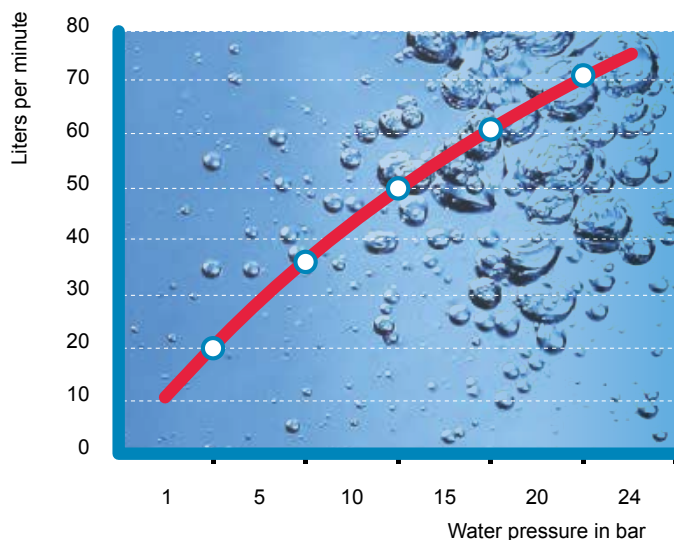
DN 1/2"

## WATER FLOW DÉBIT D'EAU SALIDA DE AGUA

Water flow in l/min with totally pulled trigger.







**Débit mesuré en l/min à ouverture maximale.**

**Salida de agua en l/min con apertura máxima.**



AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Blue. Eco. 95°C. 24 bar. <b>Bleu. Eco. 95°C. 24 bar.</b> Azul. Eco. 95°C. 24 bar.	BR	1/2"	5101070	
		<b>NEW</b> SS	1/2"	5105302	
	Blue. Standard. 95°C. 24 bar. <b>Bleu. Standard. 95°C. 24 bar.</b> Azul. Standard. 95°C. 24 bar.	BR	1/2"	0117670	
	Pack of 20 * 011 76 70. <b>Pack de 20 * 011 76 70.</b> Pack de 20 * 011 76 70.	BR	1/2"	5100040	
	Blue. With handle protection. 95°C. 24 bar. <b>Bleu. Avec protection main. 95°C. 24 bar.</b> Azul. Con proteccion de la mano. 95°C. 24 bar.	BR	1/2"	5101013	
	Blue. Standard. 95°C. 24 bar. <b>Bleu. Standard. 95°C. 24 bar.</b> Azul. Standard. 95°C. 24 bar.	BR Chromated	1/2"	5100033	
	Blue. Light. 50°C. 12 bar. <b>Bleu. Léger. 50°C. 12 bar.</b> Azul. Ligero. 50°C. 12 bar.	PVC	1/2"	5107121	

■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Blanc. With handle protection. 95 °C. 24 bar.  <b>Blanc. Avec protection main. 95 °C. 24 bar.</b>                      Blanco. Con proteccion de la mano. 95 °C. 24 bar.</p>	BR Chromated	1/2"		5100727	
 <p>Red. With handle protection. 95 °C. 24 bar.  <b>Rouge. Avec protection main. 95 °C. 24 bar.</b>                      Rojo. Con proteccion de la mano. 95 °C. 24 bar.</p>	SS 316	1/2"		5100526	
 <p>Black. High flow. 95 °C. 24 bar.  <b>Noir. Grand débit. 95 °C. 24 bar.</b>                      Negro. Gran caudal. 95 °C. 24 bar.</p>	BR	1/2"		5101064	
 <p>Spray. Blue. 80 °C. 16 bar.  <b>Lance. Bleue. 80 °C. 16 bar.</b>                      Spray. Azul. 80 °C. 16 bar.</p>	BR	1/2"		5105066	
 <p>Repare Pack. Except for 5101070.  <b>Pack réparation. Sauf pour 5101070.</b>                      Pack reparación pistola. No para 5101070.</p>	SS 316			0100015	





# Swivel coupling

RACCORD TOURNANT RACOR GIRATORIO

# Swivel coupling

**MATERIAL MATIÈRE MATERIAL**

- **BR** = Brass **Laiton Latón**
- **SS** = Stainless steel **Inox**

**THREAD FILETAGE ROSCA**

BSPP DIN 228-1, BSPT ISO 7/1

**SIZE DIMENSIONS DIMENSIONES**

From DN 1/4" to DN 1" 1/4

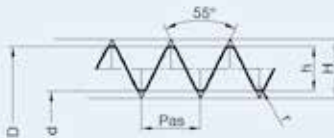
**GASKETS JOINTS JUNTA**

NBR/FPM

**Filetage Gaz**

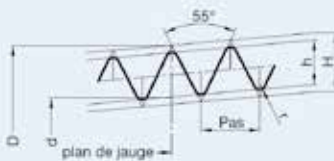
Filetage cylindrique BSPP  
NF EN ISO 228-1

$H = 0,9604 \times \text{pas}$   
 $h = 0,6043 \times \text{pas}$   
 $r = 0,1373 \times \text{pas}$



Filetage conique BSPT  
ISO 7/1

$H = 0,9604 \times \text{pas}$   
 $h = 0,6043 \times \text{pas}$   
 $r = 0,1373 \times \text{pas}$   
Conicité : 6,25%



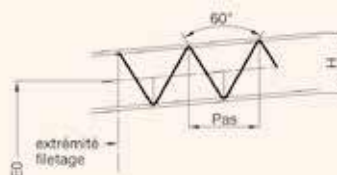
**Caractéristiques principales**

Désignation usuelle			Caractéristiques				
Diamètre nominal DN	Diamètre nominal (pouces)	Appellation courante	ø extérieur tube ISO	D* (mm)	d* (mm)	Pas	Nombre de filets au pouce
6	1/8"	5x10	10,2	9,728	8,556	0,907	28
8	1/4"	8x13	13,5	13,157	11,445	1,336	19
10	3/8"	12x17	17,2	16,662	14,950	1,336	19
15	1/2"	15x21	21,3	20,955	18,631	1,814	14
20	3/4"	20x27	26,9	26,441	24,117	1,814	14
25	1"	26x34	33,7	33,249	30,291	2,309	11
32	1 1/4"	33x42	42,4	41,910	38,952	2,309	11
40	1 1/2"	40x49	48,3	47,803	44,845	2,309	11
50	2"	50x60	60,3	59,614	56,656	2,309	11
65	2 1/2"	66x76	76,1	75,184	72,226	2,309	11
80	3"	80x90	88,9	87,884	84,926	2,309	11
100	4"	102x114	114,3	113,030	110,072	2,309	11
125	5"	127x140	139,7	138,430	135,472	2,309	11
150	6"	152x165	168,3	168,830	160,872	2,309	11

\* Pour filetage conique, diamètre au plan de jauge.

**Filetage conique NPT**  
ANSI B1.20.1

$H = 0,866 \times \text{pas}$   
 $h = 0,800 \times \text{pas}$   
Conicité : 6,25%





**Caractéristiques principales**

Désignation usuelle		Caractéristiques			
Diamètre nominal DN	Diamètre nominal (pouces)	ø extérieur tube ANSI	E0* (mm)	Pas	Nombre de filets au pouce
6	1/8"	10,3	8,556	0,94	27
8	1/4"	13,7	11,445	1,411	18
10	3/8"	17,1	14,950	1,411	18
15	1/2"	21,3	18,631	1,814	14
20	3/4"	26,7	24,117	1,814	14
25	1"	33,4	30,291	2,209	11,5
32	1 1/4"	42,2	38,952	2,209	11,5
40	1 1/2"	48,3	44,845	2,209	11,5
50	2"	60,3	56,656	2,209	11,5
65	2 1/2"	73,0	72,226	3,175	8
80	3"	88,9	84,926	3,175	8
100	4"	114,3	110,072	3,175	8

\* E0 = diamètre sur flanc à l'extrémité du filetage (filetage extérieur).

■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Male/Male. BSPP. FPM gasket. <b>Mâle/Mâle. BSPP. Joint FPM.</b> <i>Macho/Macho. BSPP. Junta FPM.</i></p>		SS 316L	1/2"	5105083	
			3/4"	5105131	
			1"	5105132	
 <p>Male/Female. BSPP. FPM gasket. <b>Mâle/Femelle. BSPP. Joint FPM.</b> <i>Macho/Hembra. BSPP. Junta FPM.</i></p>		SS 316L	1/2"	5105084	
			3/4"	5105133	
			1"	5105134	
 <p>Male thread. Serrated hose shank/Collar. BSPT ISO-7/1. <b>Fileté mâle. Cranté/Collerette. BSPT ISO-7/1. Rosca macho. Acanalado/Cuello. BSPT ISO-7/1.</b></p>	For spring 5100597. <b>Pour ressort 5100597.</b> <i>Para muelle 5100597.</i>	SS 316L	1/2"	13	5100600
	For spring 5100598. <b>Pour ressort 5100598.</b> <i>Para muelle 5100598.</i>		1/2"	16	5100601
	For spring 5100599. <b>Pour ressort 5100599.</b> <i>Para muelle 5100599.</i>		1/2"	19	5100602
 <p>Spring. <b>Ressort.</b> <i>Muelle.</i></p>	For 5100600.	SS 316L		13	5100597
	For 5100601.			16	5100598
	For 5100602.			19	5100599
 <p>Male/Female. NBR gasket. <b>Mâle/Femelle. Joint NBR.</b> <i>Macho/Hembra. Junta NBR.</i></p>		BR	3"		5101987
 <p>Male/Female. FPM gasket. <b>Mâle/Femelle. Joint FPM.</b> <i>Macho/Hembra. Junta FPM.</i></p>		SS 316	<b>NEW</b>	2"	5105363
			3"	5105013	
	<b>NEW</b>		4"	5105348	

Blank sheet with horizontal blue lines for writing.

# Safety clamp

DIN 2817

COLLIER 1/2 COQUILLE ABRAZADERA

# Safety clamp

## DIN 2817

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**MATERIAL MATIÈRE MATERIAL**

■ **AL** = Aluminium

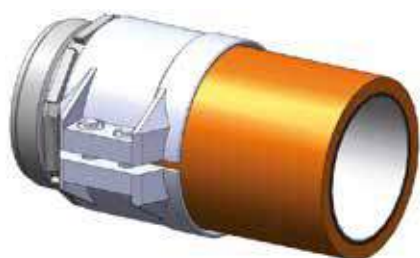
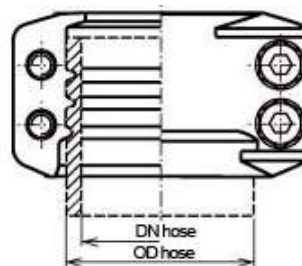
■ **SS** = Stainless steel **Inox**

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**SIZE DIMENSIONS DIMENSIONES**

From DN 30 to 200 mm

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■ AL = Aluminium 
 ■ BR = Brass **Laiton Latón**
■ ST = Steel **Acier Acero**
■ SS = Stainless steel **Inox**
■ PP = Polypropylene

## Trelleborg Fittings 2018


		OD hose Diam. ext. tuyau Diam. ext. mang.	DN hose	Ref.	Price Prix Precio
13 * 5		22 - 24	13	0117561	
19 * 6		30 - 33	19	0113472	
25 * 6		36 - 39	25	0732019	
25 * 8		40 - 43	25	0117562	
32 * 6		43 - 46	32	0732020	
32 * 8		47 - 50	32	0117563	
38 * 5		47 - 49	38	5108977	
38 * 6,5		50 - 52	38	0731663	
38 * 8		53 - 56	38	0111749	
38 * 10		57 - 60	38	0112011	
40 * 7		54 - 58	40	0111985	
50 * 2		52 - 56	50	5103175	
50 * 5		58 - 62	50	5102436	
50 * 6		61 - 63	50	5101018	
50 * 8		64 - 67	50	0731664	
50 * 10		69 - 71	50	0111886	
63 * 6		74 - 76	65	5102976	
63 * 8 - 65 * 7		78 - 82	65	0111750	
65 * 10	AL	84 - 87	65	0111891	
75 * 8		89 - 93	75	0731666	
75 * 10		94 - 97	75	0732012	
75 * 12		98 - 101	75	0117564	
80 * 8		94 - 97	80	0111751	
80 * 10		99 - 102	80	0111895	
90 * 5,5		<b>NEW</b> 99 - 103	90	5105883	
100 * 8		114 - 119	100	0731667	
100 * 10		118 - 122	100	0111899	
100 * 12		122 - 126	100	0111249	
100 * 14		126 - 130	100	0111582	
100 * 16		130 - 134	100	0113652	
110 * 6,5		<b>NEW</b> 121 - 125	110	5105884	
125 * 10		143 - 148	125	0111752	
125 * 15		153 - 158	125	0117565	
150 * 10		168 - 174	150	0111753	
150 * 13		174 - 180	150	0117566	
150 * 15		178 - 184	150	0111754	
200 * 12		222 - 229	200	0111756	



DIN 2817.  
 Safety Clamp  
**Collier 1/2 coquille.**  
**Abrazadera 2 mitades**  
**DIN 2817.**

■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

			OD hose Diam. ext. tuyau Diam. ext. mang.	DN hose	Ref.	Price Prix Precio	
	13 * 5		22 - 24	13	0117567		
	19 * 6		30 - 33	19	0117568		
	25 * 6		36 - 39	25	0117569		
	32 * 6		43 - 46	32	0117570		
	38 * 6,5		50 - 52	38	0117571		
	50 * 6		61 - 63	50	5108976		
 <p>DIN 2817. Safety Clamp <b>Collier 1/2 coquille.</b> Abrazadera 2 mitades DIN 2817.</p>	50 * 8	SS 316	64 - 67	50	0117572		
	63 * 6		73 - 77	63	5108975		
	65 * 7		78 - 82	65	0117573		
	75 * 6,5		86 - 90	75	5103181		
	75 * 8		89 - 93	75	0117574		
	100 * 8		114 - 119	100	0117575		
	150 * 10	NEW	167 - 173	150	5105349		
				13 - 38		M6-STOP	
	 <p>Autoblock nut. <b>Ecrou autobloquant.</b> Tuerca autoblocante.</p>		SS	50 - 80		M8-STOP	
				100 - 125		M10-STOP	
			150 - 200		M12-STOP		





# Notched ferrule



JUPE CRANTÉE CAMPANA ACANALADA

# Notched ferrule

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**MATERIAL MATIÈRE MATERIAL**

■ **ST** = Steel *Acier Acero*

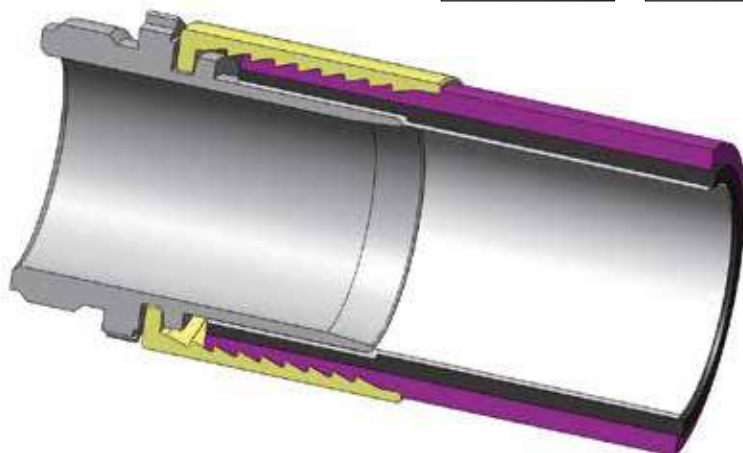
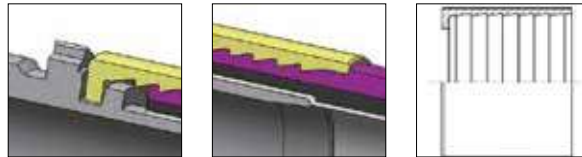
■ **SS** = Stainless steel *Inox*

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**SIZE DIMENSIONS DIMENSIONES**






From DN 6 to 100 mm

---



■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	Hose OD OD tuyau OD manguera	Ref.	Price Prix Precio
 <p>With snick. <b>Avec encoche.</b> <i>Con muesca.</i></p>	<b>SS 316</b>	19	32	5100042	 <b>page 172</b>
		25	38	0118321	
		32	46	0118322	
		38	51,5	0118323	
		50	67	0118324	
		65	81	0118325	
		75	92,6	0118326	
100	119	5100016			
 <p>Without snick. <b>Sans encoche.</b> <i>Sin muesca.</i></p>	<b>SS 316</b>	13	24	0117923	 <b>page 172</b>
		16	27	0117891	
		19	32	0117894	
		25	38	0117893	
		32	46	5107027	
		38	51,5	5107028	
		50	67	5107029	
65	81	5107030			
75	92,6	5107031			
100	119	5107032			
 <p>Without snick. <b>Sans encoche.</b> <i>Sin muesca.</i></p>	<b>ST</b>	25	38	5100122	 <b>page 172</b>
		32	46	5100123	
		38	51,5	5100048	
		50	67	5100049	
		65	81	5100050	
75	92,6	5100051			
100	119	5100052			
 <p>For hose with metallic reinforcement. <b>Pour tuyau armature métallique.</b> <i>Para manguera armatura metálica.</i></p>	<b>ST</b>	13		5005053	
		19		5005054	
		25		5005055	
		32		5005056	
 <p>For hose with textile reinforcement. <b>Pour tuyau armature textile.</b> <i>Para manguera armatura textile.</i></p>	<b>ST</b>	6		5101971	
		8		5101972	
		10		5101973	
		13		5101086	
		16		5101974	
		19		5101975	
		25		5101184	
32		5101976			



# Smooth ferrule

JUPE LISSE CAMPANA LISA

# Smooth ferrule

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**MATERIAL MATIÈRE MATERIAL**

■ **AL** = Aluminium

■ **ST** = Steel *Acier Acero*

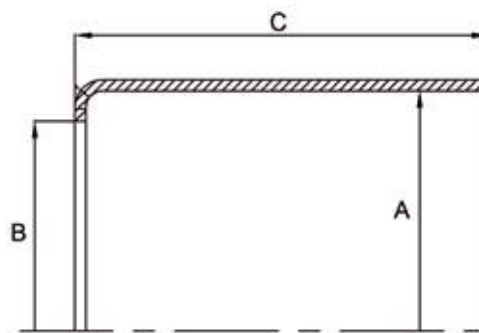
■ **SS** = Stainless steel *Inox*

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**SIZE DIMENSIONS DIMENSIONES**

From DN 40 to 100 mm

---



■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

	DN coupling Diam. raccord Diam. racor	A/B/C	Ref.	Price Prix Precio	
AL	40	57/43,5/52	0116269		
	50	66/55/45	0117375		
	80	101/83,5/75	0117349		
	80	104/90,5/75	0117384		
	<b>90</b>	<b>104/92/75</b>	<b>5102254*</b>		
	100	122,5/107/87	0117350		
	100	130/111/87	0117393		
	<b>110</b>	<b>126/112/87</b>	<b>5102256*</b>		
	SS 304	20	35/22,5/37	0117370	
		20	30/25,5/25	0117371	
25		42/27,5/42	0116272		
32		50/36/45	0116271		
40		57/43,5/52	0116270		
50		67/55/63	0110279		
65		83/68/73	0110280		
80		104/90,5/75	0110263		
80		98,5/83,5/75	0110281		
80		95/83,5/75	0117380		
80		106/90,5/75	0117386		
100		130/111/87	0110264		
100		122/107/87	0114535		
100		126/111/87	0116727		
ST		50	67/55/63	0114526	
		80	98,5/83,5/75	0114532	

\* Ferrule for VRAC hose.  
 Jupe pour tuyau VRAC.  
 Campana para manguera VRAC.



Ferrule.  
**Jupe.**  
 Campana.








# Ferrule and circlip

JUPE ET JONC CAMPANA Y ANILLO

# Ferrule and circlip

---

**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

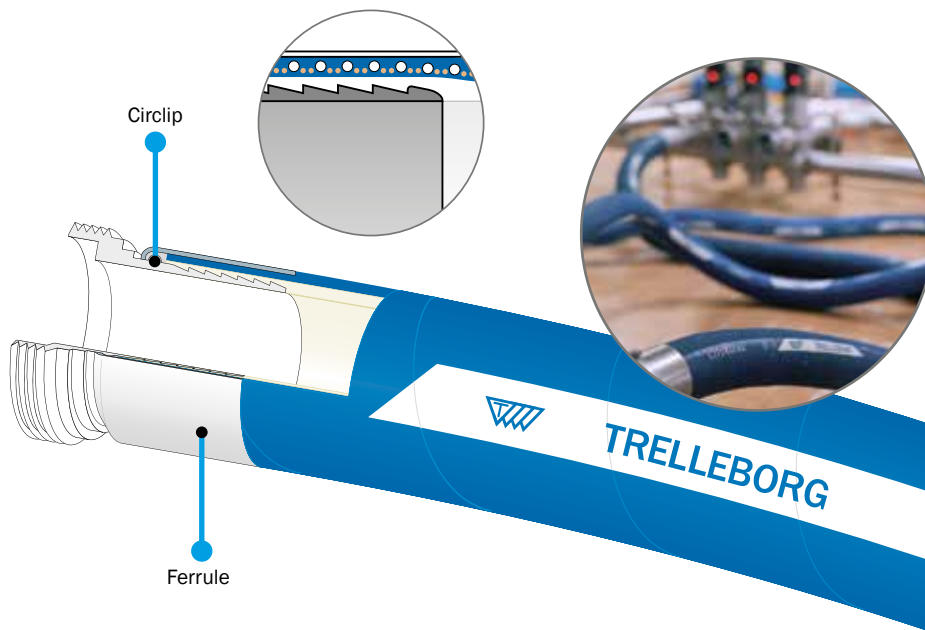
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**SIZE DIMENSIONS DIMENSIONES**

From DN 25 to 150 mm

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**No bacterial growth**  
**Aucune rétention microbienne**  
**Ninguna retención microbiana**



AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

# Trelleborg Fittings 2018

DN coupling  
Diam. raccord  
Diam. racor

Hose OD  
OD tuyau  
OD manguera

Ref. Notes

Ref. Notes



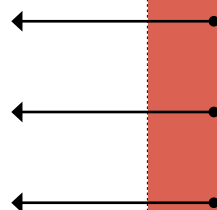
Ferrule



Circlip

Ferrule and circlip.  
**Jupe et jonc.**  
Campana y anillo.

SS 304



25	38,5	0116981	0117361
32	46	5100276	5100277
38	52	0116956	0117362
45	60	5100507	5100506
51	65	0116740	0117363
51	69	0117968	0117363
63	77,5	0117146	0117364
63	82	0118246	0117364
70	82	5100441	5100463
76	91	0117147	0117365
76	96	0117970	0117365
<b>101,5</b>	<b>121</b>	<b>0117668*</b>	<b>0116958*</b>
<b>125</b>	<b>151</b>	<b>5100135*</b>	<b>5100145*</b>
<b>150</b>	<b>182</b>	<b>5100148*</b>	<b>5100146*</b>

Ferrule and circlip. Euro Rapid.  
**Jupe et jonc. Spécial Euro Rapid.**  
Campana y anillo. Euro Rapid.

SS 304

125	151	5100840	5100145
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# Smooth shank

## DIN 2817/DIN EN 14 420-5

DOUILLE LISSE CAÑA LISA

# Smooth shank

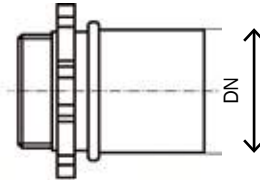
## DIN 2817/DIN EN 14 420-5

### MATERIAL MATIÈRE MATERIAL

- AL** = Aluminium
- BR** = Brass **Laiton Latón**
- ST** = Steel **Acier Acero**
- SS** = Stainless steel **Inox**
- PP** = Polypropylene

### SIZE DIMENSIONS DIMENSIONES

From DN 13 to 150 mm



DN
13
19
25
32
38
50
65
75
100
125
150





AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female thread. <b>Fileté femelle.</b> <i>Rosca hembra.</i></p>	SS 316L	1/2"	13	5109124	 page 165
		3/4"	19	0100008	
		1"	25	0100009	
		1"1/4	32	0100010	
		1"1/2	38	0100011	
		2"	50	0100012	
		2"1/2	63	0100013	
		3"	75	0100014	
		4"	100	5100171	
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	SS 316L	1/2"	13	5109125	 page 165
		3/4"	19	0100001	
		1"	25	0100002	
		1"1/4	32	0100003	
		1"1/2	38	0100004	
		2"	50	0100005	
		2"1/2	63	0100006	
		3"	75	0100007	
		4"	100	5100170	
 <p>Female thread. <b>Fileté femelle.</b> <i>Rosca hembra.</i></p>	BR	3/4"	19	5100227	
		1"	25	5100228	
		1"1/4	32	5005002	
		1"1/2	38	5100229	
		2"	50	5100230	
		2"1/2	63	5100120	
		3"	75	5100231	
		4"	100	5100242	
		 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	BR	3/4"	
1"	25			5100175	
1"1/4	32			0100030	
1"1/2	38			0100032	
2"	50			0100120	
2"1/2	63			0118169	
3"	75			5100176	
4"	100			5100177	
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	PP			1"	25
		1"1/2	38	5100174	
		2"	50	0100133	
		3"	75	0100134	

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 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Camelock. Coupler. <b>Camelock. Coupleur.</b> Camelock. Acoplador.</p>		SS 316	20	20	5100104
			25	25	5100232
			32	32	5100234
			40	38	0100062
			50	50	5100133
			65	63	5100237
			80	75	5100239
			100	100	5100241
 <p>Camelock. Adapter. <b>Camelock. Adapteur.</b> Camelock. Adaptor.</p>		SS 316	20	20	5100103
			25	25	5100233
			32	32	5100235
			40	38	5100236
			50	50	5100134
			65	63	5100238
			80	75	5100240
			100	100	0117863
 <p>Loose flange. <b>Bride tournante.</b> Brida giratoria.</p>	PN 10-40.	SS 316	40	38	5101852
	PN 10-16.		50	50	5101853
	PN 10-16.		65	63	5101854
	PN 10-16.		80	75	5101855
	PN 10-16.		100	100	5101856
	PN 10-16.		150	150	5102782
	PN 10-40.	ST	40	38	5101857
	PN 10-16.		50	50	5101858
	PN 10-16.		65	63	5101859
	PN 10-16.		80	75	5101860
	PN 10-16.		100	100	5101861
	PN 10-16.		150	150	5101862
 <p>Storz Type C.</p> <p>Storz Type B.</p> <p>Storz Type A.</p>		AL	52	50	5105098
			75	75	5105099
			110	100	5105100



page 167



page 167



pages  
169-171






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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>DIN 11851 Female. With collar. <b>DIN 11851 Femelle. A collerette.</b> <i>DIN 11851 Hembra. Con cuello.</i></p>	SS 316L	40	38	0100132	 page 160
		50	50,5	5100070	
		65	63	5100223	
		80	75	5100224	
 <p>Nut. DIN 11851. <b>Ecrou. DIN 11851.</b> <i>Tuerca. DIN 11851.</i></p>	SS 304	40		0116934	
		50		0116739	
		65		0116910	
		80		0116913	
 <p>DIN 11851 Male. With collar. <b>DIN 11851 Mâle. A collerette.</b> <i>DIN 11851 Macho. Con cuello.</i></p>	SS 316L	40	38	5100269	 page 160
		50	50,5	5100700	
		65	63	5101850	
		80	75	5101851	
 <p>SMS 1145 Female. With collar. <b>SMS 1145 Femelle. A collerette.</b> <i>SMS 1145 Hembra. Con cuello.</i></p>	SS 316L	25	25	5005004	 page 162
		38	38	5005006	
		51	50,5	5005008	
		63	63	5101848	
 <p>Nut. SMS 1145. <b>Ecrou. SMS 1145.</b> <i>Tuerca. SMS 1145.</i></p>	SS 304	25		0116978	
		38		0116872	
		51		0116862	
		63		0116865	
 <p>SMS 1145 Male. With collar. <b>SMS 1145 Mâle. A collerette.</b> <i>SMS 1145 Macho. Con cuello.</i></p>	SS 316L	25	25	5005003	 page 162
		38	38	5005005	
		51	50,5	5005007	
		63	63	5101849	

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		OD ferrule clamp Diam. ext. ferrule Diam. ext. clamp	DN shank Diam. douille Diam. espiga	Ref.	Price Prix Precio
 <p>TRI CLAMP. With collar. SMS Norm. <b>TRI CLAMP. A collerette. Norme SMS.</b> TRI CLAMP. Con cuello. Norma SMS.</p>	SS 316L	50,5	25	5100546	 page 164
		50,5	38	5100547	
		64	50	5100594	
		77,5	63	5100595	
		91	75	5100596	
 <p>Clamp. TRI CLAMP. <b>Collier. TRI CLAMP.</b> Abrazadera. TRI CLAMP.</p>	SS 304	50,5		0118227	
		64		0118097	
		77,5		0118228	
		91		0118229	

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	
 <p>For welding. With collar. <b>A souder. A collerette.</b> Para soldar. Con cuello.</p>	SS 316	13	13	5107033	 page 168
		16	16	5107034	
		19	19	5107035	
		25	25	5107036	
		32	32	5107037	
		38	38	5107038	
		51	51	5107039	
		63	63	5107040	
		75	76	5107041	
102	102	5107042			

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## Trelleborg Fittings 2018


		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
13 * 5		22 - 24	13	0117561	
19 * 6		30 - 33	19	0113472	
25 * 6		36 - 39	25	0732019	
25 * 8		40 - 43	25	0117562	
32 * 6		43 - 46	32	0732020	
32 * 8		47 - 50	32	0117563	
38 * 5		47 - 49	38	5108977	
38 * 6,5		50 - 52	38	0731663	
38 * 8		53 - 56	38	0111749	
38 * 10		57 - 60	38	0112011	
40 * 7		54 - 58	40	0111985	
50 * 2		52 - 56	50	5103175	
50 * 5		58 - 62	50	5102436	
50 * 6		61 - 63	50	5101018	
50 * 8		64 - 67	50	0731664	
50 * 10		69 - 71	50	0111886	
63 * 6		74 - 76	65	5102976	
63 * 8 - 65 * 7		78 - 82	65	0111750	
65 * 10	AL	84 - 87	65	0111891	
75 * 8		89 - 93	75	0731666	
75 * 10		94 - 97	75	0732012	
75 * 12		98 - 101	75	0117564	
80 * 8		94 - 97	80	0111751	
80 * 10		99 - 102	80	0111895	
90 * 5,5		<b>NEW</b> 99 - 103	90	5105883	
100 * 8		114 - 119	100	0731667	
100 * 10		118 - 122	100	0111899	
100 * 12		122 - 126	100	0111249	
100 * 14		126 - 130	100	0111582	
100 * 16		130 - 134	100	0113652	
110 * 6,5		<b>NEW</b> 121 - 125	110	5105884	
125 * 10		143 - 148	125	0111752	
125 * 15		153 - 158	125	0117565	
150 * 10		168 - 174	150	0111753	
150 * 13		174 - 180	150	0117566	
150 * 15		178 - 184	150	0111754	
200 * 12		222 - 229	200	0111756	



DIN 2817.  
 Safety Clamp  
**Collier 1/2 coquille.**  
*Abrazadera 2 mitades*  
 DIN 2817.

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## Trelleborg Fittings 2018

			DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
	13 * 5		22 - 24	13	0117567		
	19 * 6		30 - 33	19	0117568		
	25 * 6		36 - 39	25	0117569		
	32 * 6		43 - 46	32	0117570		
	38 * 6,5		50 - 52	38	0117571		
	50 * 6		61 - 63	50	5108976		
 <p>DIN 2817. Safety Clamp <b>Collier 1/2 coquille.</b> Abrazadera 2 mitades DIN 2817.</p>	50 * 8	SS 316	64 - 67	50	0117572		
	63 * 6		73 - 77	63	5108975		
	65 * 7		78 - 82	65	0117573		
	75 * 6,5		86 - 90	75	5103181		
	75 * 8		89 - 93	75	0117574		
	100 * 8		114 - 119	100	0117575		
	150 * 10	NEW	167 - 173	150	5105349		
				13 - 38		M6-STOP	
	 <p>Autoblock nut. <b>Ecrou autobloquant.</b> Tuerca autoblocante.</p>		SS	50 - 80		M8-STOP	
				100 - 125		M10-STOP	
			150 - 200		M12-STOP		



DIN  
DIN 11 851

# DIN

## DIN 11 851

### MATERIAL MATIÈRE MATERIAL

 **SS** = Stainless steel **Inox**

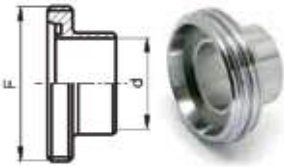
### SIZE DIMENSIONS DIMENSIONES

From DN 25 to 150 mm

### THREAD FILETAGE ROSCA

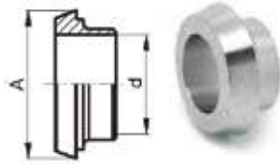
DIN 405

#### MALE PART NEZ FILETÉ



DN	F	d
10	28x1/8"	10
15	34x1/8"	16
20	44x1/6"	20
25	52x1/6"	26
32	58x1/6"	32
40	65x1/6"	38
50	78x1/6"	50
65	95x1/6"	66
80	110x1/4"	81
100	130x1/4"	100
125	160x1/4"	125
150	190x1/4"	150

#### FEMALE PART PIÈCE LISSE



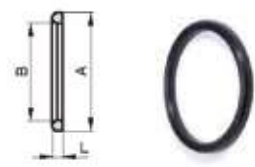
A	d
22	10
28	16
36	20
44	26
50	32
56	38
68	50
86	66
100	81
121	100
150	125
176	150

#### NUT ECROU



F	A	L
28x1/8"	38	18
34x1/8"	44	18
44x1/6"	54	21
52x1/6"	63	21
58x1/6"	70	21
65x1/6"	78	21
78x1/6"	92	22
95x1/6"	112	25
110x1/4"	127	30
130x1/4"	148	31
160x1/4"	178	35
190x1/4"	210	40

#### GASKET JOINT DE RACCORD





A	B	L
20	12	4,5
26	18	4,5
33	23	4,5
40	30	5
46	36	5
52	42	5
64	54	5
81	71	5
95	85	5
114	104	6
142	130	7
167	155	7

4 encoches Ø19 à 50  
6 encoches Ø65 à 125

DIN	ØA	ØB
19	36,5	44 6F"
25	44	52 6F"
32	50	58 6F"
40	56	65 6F"
50	68	78 6F"
65	86	95 6F"
80	100	110 4F"
100	121	130 4F"
125	132	160 4F"













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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes			
 <p>Female. Serrated hose shank. For circlip. <b>Femelle. Douille crantée. Pour jonc.</b> <b>Hembra. Caña acanalada. Para anillo.</b></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <b>Junta y anillo.</b></p>	SS 316L	25	25	0116988			
			32	32	5100289			
			40	38	0116936			
			50	51	0116737			
			65	63	0116912			
			80	76	0116915			
			100	101,5	0117016			
			125	125	5100315			
			150	150	5100941			
 <p>Male. Serrated hose shank. For circlip. <b>Mâle. Douille crantée. Pour jonc.</b> <b>Macho. Caña acanalada. Para anillo.</b></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <b>Junta y anillo.</b></p>	SS 316L	25	25	0116989			
			32	32	5100288			
			40	38	0116935			
			50	51	0116738			
			65	63	0116911			
			80	76	0116914			
			100	101,5	0117015			
			 <p>Nut. <b>Ecrou. Tuerca.</b></p>		SS 304	25		0116985
						32		5100287
40		0116934						
50		0116739						
65		0116910						
80		0116913						
100		0117012						
125		5100313						
150		5100943						
 <p>Rubber coated nut. <b>Ecrou surmoulé caoutchouc. Tuerca engomada.</b></p>		EPDM	25		5101011			
			32		5101021			
			40		5100802			
			50		5100803			
			65		5100804			
			80		5103669			
 <p>Gasket. For male DIN. <b>Joint. Pour mâle DIN. Junta. Para macho DIN.</b></p>		EPDM	25		5102330			
			32		5102331			
			40		5102332			
			50		5101803			
			65		5102333			
			80		5102334			
			100		5102335			
			125		5102336			
			150		5102066			
 <p>Gasket. For male DIN. <b>Joint. Pour mâle DIN. Junta. Para macho DIN.</b></p>		NBR	25		5105340			
			32		5105341			
			40		5105342			
			50		5105343			
			65		5105344			
			80		5105345			
			100		5105346			

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## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
	Spanner. <b>Clé de serrage.</b> <i>Llave de presion.</i>	SS 304		5101543		
	Female. Serrated hose shank. With collar. <b>Femelle. Douille crantée. A collerette.</b> <i>Hembra. Caña acanalada. Con cuello.</i>	SS 316L	25	25	5102037	 <b>page 160</b>
			40	38	5101839	
			50	51	5101840	
			65	63	5101841	
			80	76	5101842	
	Male. Serrated hose shank. With collar. <b>Mâle. Douille crantée. A collerette.</b> <i>Macho. Caña acanalada. Con cuello.</i>	SS 316L	40	38	5101844	 <b>page 160</b>
			50	51	5101845	
			65	63	5101846	
			80	76	5101847	
			100	101,5	5101868	
	Female. Smooth shank. With collar. <b>Femelle. Douille lisse. A collerette.</b> <i>Hembra. Caña lisa. Con cuello.</i>	SS 316L	40	38	0100132	 <b>page 160</b>
			50	50,5	5100070	
			65	63	5100223	
	Male. Smooth shank. With collar. <b>Mâle. Douille lisse. A collerette.</b> <i>Macho. Caña lisa. Con cuello.</i>	SS 316L	40	38	5100269	 <b>page 160</b>
			50	50,5	5100700	
			65	63	5101850	
			80	75	5101851	
	Female for welding. <b>Femelle à souder.</b> <i>Hembra para soldar.</i>	SS 316L	25	28	5102054	
			32	34	5102055	
			40	40	5102056	
			50	52	5102057	
			65	70	5102058	
			80	85	5102059	
	Male for welding. <b>Mâle à souder.</b> <i>Macho para soldar.</i>	SS 316L	100	104	5102060	
			25	28	5102337	
			32	34	5102338	
			40	40	5102339	
			50	52	5102340	
			65	70	5102341	
			80	85	5102342	
	Viewer F50-M50 DIN 11851. <b>Mireur F50-M50 DIN 11851.</b> <i>Mirilla F50-M50 DIN 11851.</i>	SS	NEW		5105081	Rubber coated nut on request. <b>Ecrou caoutchouc sur demande.</b> <i>Tuerca engomada, consultarnos.</i>

For any other need, do consult us.  
 Pour tout autre besoin, nous consulter.  
 Para otras necesidades, consultarnos.





**SMS**  
**SMS 1145**

# SMS

## SMS 1145

### MATERIAL MATIÈRE MATERIAL

 **SS** = Stainless steel **Inox**

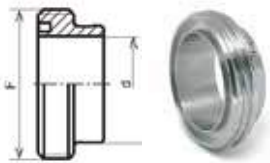
### SIZE DIMENSIONS DIMENSIONES

From DN 25 to 100 mm

### THREAD FILETAGE ROSCA

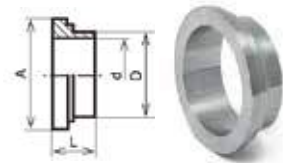
SMS 681

#### MALE PART NEZ FILETÉ



DN	F	d
25	1"	40x1/6"
38	1 1/2"	60x1/6"
51	2"	70x1/6"
63	2 1/2"	85x1/6"
76	3"	98x1/6"
104	4"	125x1/4"

#### FEMALE PART PIÈCE LISSE



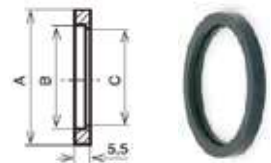
A	d
35,5	22,5
55	35,5
65	48,5
80	60,5
93	72,9
118	100

#### NUT ECROU

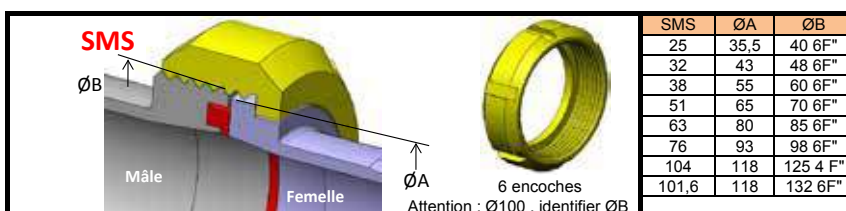


F	A	B	L
40x1/6"	51	32,5	19
60x1/6"	74	48,5	23
70x1/6"	84	61	24
85x1/6"	100	74	28
98x1/6"	114	87	30
125x1/4"	138	113	31

#### GASKET JOINT DE RACCORD



A	B	C
32	25	22,5
48	38	35,5
61	51	48,5
73,5	63,5	60,5
86	76	72,9
116	104	100



SMS	ØA	ØB
25	35,5	40 6F"
32	43	48 6F"
38	55	60 6F"
51	65	70 6F"
63	80	85 6F"
76	93	98 6F"
104	118	125 4 F"
101,6	118	132 6F"

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female. Serrated hose shank. For circlip. <b>Femelle. Douille crantée. Pour jonc.</b> <i>Hembra. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i></p>	SS 316L	25	25	0116983
			32	32	5100286
			38	38	0116917
			51	51	0116919
			63	63	0116863
			76	63	0117871
			76	76	0116921
			104	101,5	0116923
 <p>Male. Serrated hose shank. For circlip. <b>Mâle. Douille crantée. Pour jonc.</b> <i>Macho. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i></p>	SS 316L	25	25	0116984
			32	32	5100285
			38	38	0116916
			51	51	0116918
			63	63	0116864
			76	76	0116920
			104	101,5	0116922
			 <p>Nut. <b>Ecrou. Tuerca.</b></p>		SS 304
32		5100284			
38		0116872			
51		0116862			
63		0116865			
76		0116868			
104		0116874			
 <p>Rubber coated nut. <b>Ecrou surmoulé caoutchouc. Tuerca engomada.</b></p>		SS 304	25		5101012
			38		5100792
			51		5100749
			63		5100786
			76		5100787
 <p>Gasket. For male SMS. <b>Joint. Pour mâle SMS. Junta. Para macho SMS.</b></p>		EPDM	25		5100582
			38		5100583
			51		5100584
			63		5100585
			76		5100586
			104		5100587

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
	Spanner. <b>Clé de serrage.</b> <i>Llave de presión.</i>	SS 304		5101543		
	Female. Serrated hose shank. With collar. <b>Femelle. Douille crantée. A collerette.</b> <i>Hembra. Caña acanalada. Con cuello.</i>	SS 316L	25	25	5101829	 <b>page 162</b>
			38	38	5101813	
			51	51	5101831	
			63	63	5101832	
			76	76	5101833	
			104	101,5	5102029	
	Male. Serrated hose shank. With collar. <b>Mâle. Douille crantée. A collerette.</b> <i>Macho. Caña acanalada. Con cuello.</i>	SS 316L	25	25	5101834	 <b>page 162</b>
			38	38	5101835	
			51	51	5101836	
			63	63	5101837	
			76	76	5101838	
			104	101,5	5102293	
	Female. Smooth shank. With collar. <b>Femelle. Douille lisse. A collerette.</b> <i>Hembra. Caña lisa. Con cuello.</i>	SS 316L	25	25	5005004	 <b>page 162</b>
			38	38	5005006	
			51	50,5	5005008	
			63	63	5101848	
	Male. Smooth shank. With collar. <b>Mâle. Douille lisse. A collerette.</b> <i>Macho. Caña lisa. Con cuello.</i>	SS 316L	25	25	5005003	 <b>page 162</b>
			38	38	5005005	
			51	50,5	5005007	
			63	63	5101849	
	Female for welding. <b>Femelle à souder.</b> <i>Hembra para soldar.</i>	SS 316L	25	25	5100572	
			38	38	5100529	
			51	51	5100527	
			63	63,5	5100573	
			76	76,1	5100574	
			104	104	5100575	
	Male for welding. <b>Mâle à souder.</b> <i>Macho para soldar.</i>	SS 316L	25	25	5100576	
			38	38	5100577	
			51	51	5100578	
			63	63,5	5100579	
			76	76,1	5100580	
			104	104	5100581	



# Macon

# Macon

**MATERIAL MATIÈRE MATERIAL**

■ SS = Stainless steel **Inox**

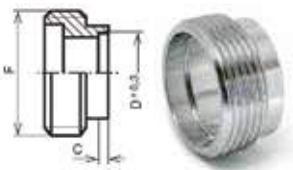
**SIZE DIMENSIONS DIMENSIONES**

From DN 25 to 100 mm

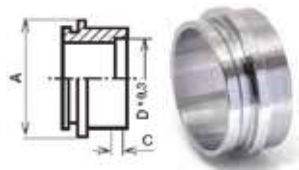
**THREAD FILETAGE ROSCA**

MACON

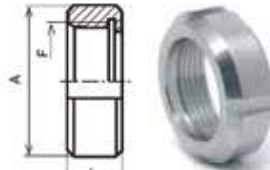
**MALE PART NEZ FILETÉ**



**FEMALE PART PIÈCE LISSE**



**NUT ECROU**



**GASKET JOINT DE RACCORD**



DN	D	F	c
40	43	M55x3	4,5
50	53	M67x3	4,5
60	63	M79x3,5	4,5
70	73	M90x3,5	4,5
80	83	M102x4	4,5
100	103	M125x4	4,5

D	A	c
43	50	4,5
53	62,5	4,5
63	74	4,5
73	85	4,5
83	97	4,5
103	119	4,5

A	L	F
70	24	M55x3
79	24	M67x3
94	24	M79x3,5
105	24	M90x3,5
117	26	M102x4
140	26	M125x4

A	P	S
49	42	3,5
61	52	3,5
72	62	3,5
84	72	3,5
98	82	3
118	102	3

MACON	ØA	ØB
40	50,8	55
50	63	67
60	75	79
70	85	90
80	97,2	102
100	119	125






AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

# Trelleborg Fittings 2018

			DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female. Serrated hose shank. For circlip. <b>Femelle. Douille crantée. Pour jonc.</b> <i>Hembra. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i></p>	SS 316L	43	38	0117002	
			53	51	0117004	
			63	63	0117000	
			73	70	5100461	
			73	76	0117006	
			83	76	0117025	
			103	101,5	0117011	
 <p>Male. Serrated hose shank. For circlip. <b>Mâle. Douille crantée. Pour jonc.</b> <i>Macho. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <i>Junta y anillo.</i></p>	SS 316L	43	38	0117001	
			53	51	0117003	
			63	63	0116999	
			73	70	5100462	
			73	76	0117005	
			83	76	0117026	
 <p>Nut. <b>Ecrou.</b> <i>Tuerca.</i></p>		SS 304	43	38	0116946	
			53	51	0116949	
			63	63	0116998	
			73	70	0116952	
			83	76	0117022	
			103	101,5	0117007	
 <p>Gasket. For female MACON. <b>Joint. Pour femelle MACON.</b> <i>Junta. Para hembra MACON.</i></p>		NR	43		5100588	
			53		5100589	
			63		5100590	
			73		5100591	
			83		5100592	
			103		5100593	
 <p>Gasket. For female MACON. <b>Joint. Pour femelle MACON.</b> <i>Junta. Para hembra MACON.</i></p>		FPM V732	43		5105254	
			53		5105255	
			63		5105256	
			73		5105257	
			83		5105258	

■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Spanner. <b>Clé de serrage.</b> <i>Llave de presion.</i>				
	Female. <b>Femelle.</b> <i>Hembra.</i>				
	Male. <b>Mâle.</b> <i>Macho.</i>				
	Male cap. <b>Bouchon mâle.</b> <i>Tapon macho.</i>				
	Rubber coated nut. <b>Ecrou surmoulé caoutchouc.</b> <i>Tuerca engomada.</i>				





# TRI-CLAMP

## DIN 32676/ISO 2851

# TRI-CLAMP

## DIN 32676/ISO 2851

**MATERIAL MATIÈRE MATERIAL**

■ **SS** = Stainless steel **Inox**

**SIZE DIMENSIONS DIMENSIONES**

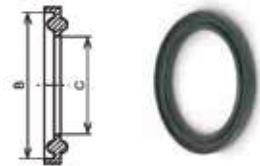
From DN 25 to 100 mm

**FERRULE (SMS NORM)**



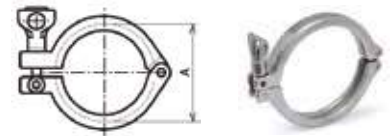
DN	d	B
25	22,5	50,5
38	35,5	50,5
51	48,5	64
63	60,5	77,5
76	72,9	91
104	100	119

**GASKET JOINT (SMS NORM)**



Ø ext. tube	B	C
50,5	25	22,5
50,5	38	35,5
64	51	48,5
77,5	63,5	60,5
91	76,1	72,5
119	104	100

**CLAMP COLLIER**



Ø tube	Ø ext. ferrule A
25 à 40	50,5
49,3 - 51 - 52	64
60,3 - 63	77,5
70 - 76,1	91
85 - 88,9	106
101,6 - 104	119

**CLAMP**

MINI CLAMP Ø34		MICRO CLAMP Ø25		CLAMP	ØA	ØB
ØA	ØB	ØA	ØB			
34	12	25	8	25	50,5	22,6
34	13,5	25	10	38	50,5	35,6
34	14	25	12	51	64	48,6
34	16	25	13,5	63,5	77,5	60,3
34	17,2	25	17,2	76,1	91	72,9
34	18			101,6	119	97,6
34	21,3	ØB à mesurer impérativement ( mini et micro )			ØA = Ø sur ferrule	
34	22					

AL = Aluminium BR = Brass Laiton Latón ST = Steel Acier Acero SS = Stainless steel Inox PP = Polypropylene

## Trelleborg Fittings 2018

		OD ferrule clamp Diam. ext. ferrule Diam. ext. clamp	DN shank Diam. douille Diam. espiga	Ref.	Price Prix Precio
 <p>Coupling. Serrated hose shank. For circlip. SMS Norm. <b>Raccord. Douille cran-tée. Pour jonc. Norme SMS.</b> <b>Racor. Caña acanalada. Para anillo. Norma SMS.</b></p>	<p>PAGE 99. Circlip and ferrule. <b>Jupe et jonc.</b> <b>Junta y anillo.</b></p>	SS 316L	50,5	25	0117075
			50,5	38	0117076
			64	51	0117077
			77,5	63	0117078
			91	76	0117079
			119	101,5	0117080
 <p>Clamp. TRI CLAMP. <b>Collier. TRI CLAMP.</b> <b>Abrazadera. TRI CLAMP.</b></p>		SS 304	50,5		0118227
			64		0118097
			77,5		0118228
			91		0118229
 <p>Gasket. SMS Norm. <b>Joint. Norme SMS.</b> <b>Junta. Norma SMS.</b></p>		EPDM	50,5	25	5100559
			50,5	38	5100565
			64	51	5100272
			77,5	63	5100566
			91	76	5100273
			119	104	5100567
 <p>Coupling. Smooth shank. With collar. SMS Norm. <b>Raccord. Douille lisse. A collerette. Norme SMS.</b> <b>Racor. Caña lisa. Con cuello. Norma SMS.</b></p>		SS 316L	50,5	25	5100546
			50,5	38	5100547
			64	50	5100594
			77,5	63	5100595
			91	75	5100596
 <p>For welding. SMS Norm. <b>A souder. Norme SMS.</b> <b>Para soldar. Norma SMS.</b></p>		SS 316L	50,5	25	5100568
			50,5	38	5100569
			64	51	5100270
			77,5	63	5100570
			91	76	5100271
			119	104	5100571



page 164



page 164





# Spherical coupling

## Euro Rapid

SPHÉRIQUE RAPIDE SPHERICO RAPIDO

# Spherical coupling

## Euro Rapid

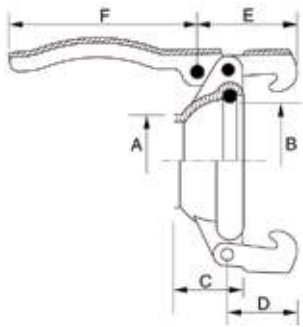
**MATERIAL MATIÈRE MATERIAL**

 **SS** = Stainless steel **Inox**

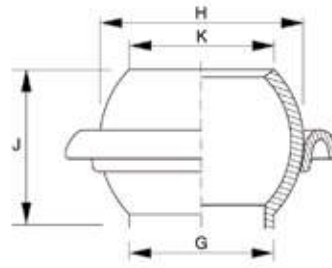
**SIZE DIMENSIONS DIMENSIONES**

DN 100/125/150 mm

**FEMALE FEMELLE HEMBRA**



**MALE MÂLE MACHO**







DN coupling	100	120	150
<b>A</b>	104	124/129	155
<b>B</b>	134	153	183
<b>C</b>	58	62	62
<b>D</b>	55	55	55
<b>E</b>	81	81	81
<b>F</b>	160	160	160
<b>Kg</b>	<b>1</b>	<b>1,2</b>	<b>1,4</b>

DN coupling	100	120	150
<b>G</b>	109	129/133	159
<b>H</b>	130	150	180
<b>J</b>	88	94	96
<b>K</b>	104	124	154
<b>Kg</b>	<b>0,95</b>	<b>1,2</b>	<b>1,65</b>

■ AL = Aluminium  
 ■ BR = Brass **Laiton Latón**  
 ■ ST = Steel **Acier Acero**  
 ■ SS = Stainless steel **Inox**  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Female. Serrated hose shank. For circlip.  <b>Femelle. Douille crantée.</b>  <b>Pour jonc.</b>  <i>Hembra. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99.                      Circlip and ferrule.  <b>Jupe et jonc.</b>  <i>Junta y anillo.</i></p>	SS 316	100	101,5	5100152
			120	126,5	5100839
			150	151,5	5100154
 <p>Male. Serrated hose shank. For circlip.  <b>Mâle. Douille crantée.</b>  <b>Pour jonc.</b>  <i>Macho. Caña acanalada. Para anillo.</i></p>	<p>PAGE 99.                      Circlip and ferrule.  <b>Jupe et jonc.</b>  <i>Junta y anillo.</i></p>	SS 316	100	101,5	5100149
			120	126,5	5100838
			150	151,5	5100151
 <p>Female for welding.  <b>Femelle à souder.</b>  <i>Hembra para soldar.</i></p>		SS 316	100	101,5	5100109
			120	126,5	5100110
			150	151,5	5100111
 <p>Male for welding.  <b>Mâle à souder.</b>  <i>Macho para soldar.</i></p>		SS 316	100	101,5	5100112
			120	126,5	5100113
			150	151,5	5100114







# Rubber protection ring

ANNEAU DE PROTECTION C/C ANILLO DE PROTECCION C/C

# Rubber protection ring

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**MATERIAL MATIÈRE MATERIAL**

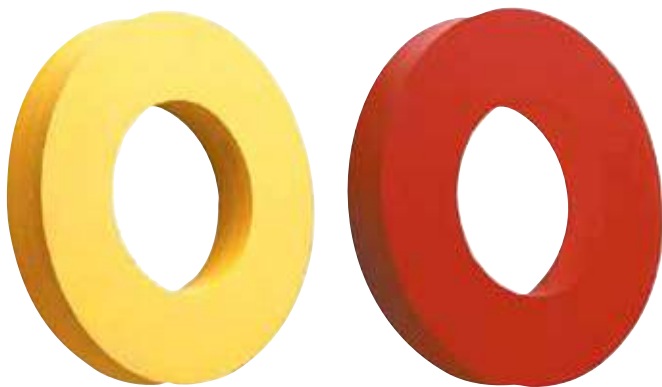
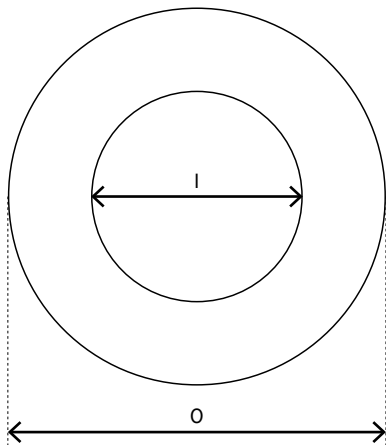
NR = Natural rubber

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**SIZE DIMENSIONS DIMENSIONES**

From ID 35 to 169 mm

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■ AL = Aluminium 
 ■ BR = Brass *Laiton Latón*
■ ST = Steel *Acier Acero*
■ SS = Stainless steel *Inox*
■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN hose	I - O (Inside - Outside)	Packaging	Ref.	Price Prix Precio
 <p>Yellow. Jaune. Amarillo.</p>	NR	25	35 - 95	10	0117589	
		32	41 - 101	10	5100421	
		38	45 - 105	10	0117594	
		51	60 - 115	10	0117602	
		63	70 - 130	10	0117661	
		76	85 - 145	10	0117662	
 <p>Yellow. Jaune. Amarillo.</p>	NR	104	115 - 170	2	0117663	
		125	143 - 240	2	5100190	
		150	169 - 280	2	5100191	
 <p>Red. Rouge. Rojo.</p>	NR	25	35 - 95	10	0118251	
		38	45 - 105	10	0118252	
		51	60 - 115	10	0118253	
		63	70 - 130	10	0118254	
		70	78 - 145	10	5100471	
		76	85 - 145	10	0118255	
 <p>Red. Rouge. Rojo.</p>	NR	104	115 - 170	2	0118256	
		125	143 - 240	2	5100513	
		150	169 - 280	2	5100514	





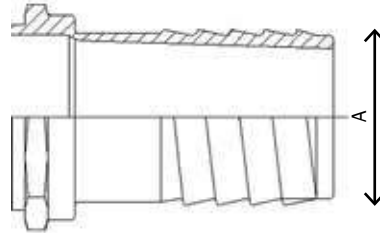
# Helicoidal hose shank

DOUILLE HÉLICOÏDALE CANA HELICOIDAL

# Helicoïdal hose shank

## MATERIAL MATIÈRE MATERIAL

- AL** = Aluminium
- BR** = Brass **Laiton Latón**
- SS** = Stainless steel **Inox**
- PP** = Polypropylene



## SIZE DIMENSIONS DIMENSIONES

From DN 25 to 100 mm



## GASKETS JOINTS JUNTA



DN	A
25	27,5
32	35
40	43
50	53
65	67,5
80	83
100	106

■ AL = Aluminium 
 ■ BR = Brass **Laiton Latón**
■ ST = Steel **Acier Acero**
■ SS = Stainless steel **Inox**
■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Guillemin.</p>	AL	1"1/2	40	5101600	
		2"	50	5101598	
		2"1/2	65	5101599	
		3"	80	5101601	
		4"	100	5101602	
 <p>                     Pack Guillemin. Ferrule SS 304.  <b>Pack Guillemin. Jupe Inox 304.</b>                      Pack Guillemin. Campana Inox 304.                 </p>	AL	40	40	0116218	
		50	50	0110128	
		65	65	0110129	
		80	80	0110130	
		100	100	0110131	
 <p>                     Guillemin. Without ears.  <b>Guillemin. Sans oreilles.</b>                      Guillemin. Sin orejas.                 </p>	AL	50	50	5105138	
		65	65	5105139	
		80	80	5102969	
 <p>                     Male thread.  <b>Fileté mâle.</b>                      Rosca macho.                 </p>	AL	1"1/2	40	5101618	
		2"	50	5101607	
		2"1/2	65	5101608	
		3"	80	5101609	
 <p>                     Pack male thread. Ferrule SS 304.  <b>Pack fileté mâle. Jupe Inox 304.</b>                      Pack rosca macho. Campana Inox 304.                 </p>	AL	4"	100	5101610	
		1"1/2	40	0116278	
		2"	50	0110143	
		2"1/2	65	0110144	
		3"	80	0110145	
		4"	100	0110146	

AL = Aluminium BR = Brass **Laiton Latón** ST = Steel **Acier Acero** SS = Stainless steel **Inox** PP = Polypropylene






## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	SS 316	1"	25	5101611	
		1"1/4	32	5101612	
		1"1/2	40	5101613	
		2"	50	5101614	
		2"1/2	65	5101615	
		3"	80	5101616	
		4"	100	5101617	
 <p>Pack male thread. Ferrule SS 304. <b>Pack fileté mâle. Jupe Inox 304.</b> <i>Pack rosca macho. Campana Inox 304.</i></p>	SS 316	1"	25	0116330	
		1"1/4	32	0116328	
		1"1/2	40	0116326	
		2"	50	0110150	
		2"1/2	65	0110151	
		3"	80	0110152	
		4"	100	0110112	
 <p>Guillemin.</p>	SS 316	40	40	5102271	
		50	50	5101603	
		65	65	5101604	
		80	80	5101605	
		100	100	5101606	
 <p>Pack Guillemin. Ferrule SS 304. <b>Pack Guillemin. Jupe Inox 304.</b> <i>Pack Guillemin. Campana Inox 304.</i></p>	SS 316	40	40	5102415	
		50	50	0110136	
		65	65	5101503	
		80	80	0110138	
		100	100	0110485	
 <p>Guillemin. Secure. <b>Guillemin. Sécurisé.</b> <i>Guillemin. Securitizado.</i></p>	SS 316	50	50	5102344	
		80	80	5101239	
 <p>For welding BW. <b>A souder BW.</b> <i>Para soldar BW.</i></p>	SS 316	48,3	40	5102389	
		60,3	50	5102390	
		88,9	80	5102391	
		114,3	100	5102392	





AL = Aluminium BR = Brass **Laiton Latón** ST = Steel **Acier Acero** SS = Stainless steel **Inox** PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	BR	2"	50	5101624	
		3"	80	5101625	
 <p>Guillemin.</p>	BR	50	50	5101623	
		80	80	5101620	
 <p>Male thread. <b>Fileté mâle.</b> <i>Rosca macho.</i></p>	PP	2"	50	5102405	
		3"	80	5102406	
 <p>Pack male thread. Ferrule SS 304. <b>Pack fileté mâle. Jupe Inox 304.</b> <i>Pack rosca macho. Campana Inox 304.</i></p>	PP	2"	50	5102403	
		3"	80	5102404	
 <p>Gasket. <b>Joint.</b> <i>Junta.</i></p>	NBR	25		0116268	
		32		0116267	
		40		0116266	
		50		0114525	
		65		0114528	
		80		0114531	
		100		0114534	
FPM	40		5102354		
	50		5109107		
	80		5102063		

AL = Aluminium BR = Brass *Laiton Latón* ST = Steel *Acier Acero* SS = Stainless steel *Inox* PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes	
 <p>Ferrule. <b>Jupe.</b> <i>Campana.</i></p>		AL		40	45 * 60 * 68 (1,5)	0116269
				50	55 * 69 * 63 (1,5)	0117375
				80	84 * 102 * 75 (2)	0117349
				100	107 * 131 * 120 (2)	0117350
		SS 304		25	30 * 43 * 48 (1,5)	0116272
				32	36 * 53 * 46 (1,5)	0116271
				40	45 * 60 * 68 (1,5)	0116270
				50	55 * 69 * 63 (1,5)	0110279
				65	68 * 89 * 80 (1,5)	0110280
				80	84 * 102 * 75 (1,5)	0110281
 <p>Adhesive tape. <b>Ruban adhésif.</b> <i>Cinta adhesiva.</i></p>		Width 19 mm. Lg 50 m. <b>Largeur 19 mm. Lg 50 m.</b> <i>Ancho 19 mm. Lg 50 m.</i>		20 - 40	5105135	
		Width 38 mm. Lg 50 m. <b>Largeur 38 mm. Lg 50 m.</b> <i>Ancho 38 mm. Lg 50 m.</i>		50 - 100	5105137	










# Accessories

ACCESSOIRES ACCESORIOS

AL = Aluminium BR = Brass **Laiton Latón** ST = Steel **Acier Acero** SS = Stainless steel **Inox** PP = Polypropylene











## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
	Whipcheck. <b>Câble anti-fouet.</b> <b>Cable antilatigazo.</b>				page 148
	Check valve. Female/Female. <b>Clapet de retenue. Femelle/Femelle.</b> <b>Válvula de retención. Hembra/Hembra.</b>		2"	5101784	
	Container coupling. Female/Female. FPM gasket. <b>Raccord container. Femelle/Femelle. Joint FPM.</b> <b>Racor de container. Hembra/Hembra. Junta FPM.</b>		2"	5102036	
			2"	5105136	
	API liquid coupler. With sight glass. <b>Coupleur API liquide. Avec voyant.</b> <b>Acoplador API liquido. Con visor.</b>		100/SYM 80	5105303	<b>NEW</b>
	Gasket. <b>Joint.</b> <b>Junta.</b>	For API 5101542.	100	5105361	<b>NEW</b>
	API steam coupler. <b>Coupleur API vapeur.</b> <b>Acoplador API vapor.</b>		80/F3"	5101807	<b>NEW</b>
	API steam coupler. <b>Coupleur API vapeur.</b> <b>Acoplador API vapor.</b>		100/F3"	5101808	<b>NEW</b>

For any other need, do consult us.  
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## Trelleborg Fittings 2018

		DN	Size L * I	Ref.	Notes
 <p>Valves. Female/Female. <b>Vannes. Femelle/Femelle.</b> <b>Válvula. Hembra/Hembra.</b></p>	BR	1/4"		5107009	
		3/8"		5107010	
		1/2"		5107011	
		3/4"		5107012	
		1"		5107013	
		1"1/4		5107014	
		1"1/2		5107015	
		2"		5107016	
		2"1/2		5107017	
		3"		5107018	
 <p>Manometer. <b>Manomètre.</b> <b>Manómetro.</b></p>	SS	0-6 bar		5108994	
	<b>NEW</b>				
 <p>Manometer. <b>Manomètre.</b> <b>Manómetro.</b></p>	SS	0-4 bar		5109012	
 <p>Identification labels. Adhesive. Laser engraving. Customizable. <b>Etiquette identification. Autocollante. Gravage laser. Personalisable.</b> <b>Etiqueta de identificación. Adhesivo. Grabado láser. Personalizable.</b></p>	Acrylate		170 * 47	5105143	
 <p>Heat-shrink sleeve. Translucent. (Other colors available on request) <b>Gaine thermorétractable. Translucide. (Autres couleurs disponibles sur demande)</b> <b>Termoretráctil manga. Translúcido. (Otros colores disponibles bajo pedido)</b></p>	PVC				
 <p>Spiral hose guard. <b>Gaine spiralée.</b> <b>PVC espiral.</b></p>	PVC				

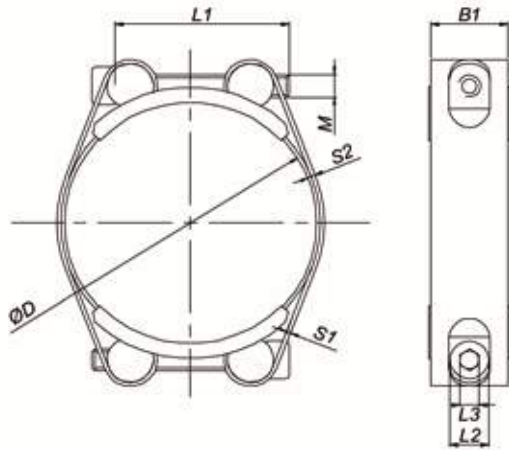
+33 (0)4 72 20 89 50

+33 (0)4 72 20 89 50

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# Trelleborg Fittings 2018

Price  
Prix  
Precio



PARI-type clamp.  
**Collier type PARI.**  
*Abrazadera tipo PARI.*

ST (W1)

SS (W5)



+33 (0)4 72 20 89 50

Clamping range D	Article number ST (W1)	Notes	Article number SS (W5)	Notes	Band width B1	Band thickness		Hexagon socket head cap screw				Tightening torque AD
						S1	S2	L1	L2	L3	M	
30 - 40	5105168		5105190		20	1,0	2,0	45	10	5	6	8
40 - 50	5105169		5105191		20	1,0	2,0	45	10	5	6	8
50 - 60	5105170		5105192		20	1,0	2,0	45	10	5	6	8
60 - 70	5105171		5105193		20	1,0	2,0	45	10	5	6	8
70 - 80	5105172		5105194		20	1,0	2,0	45	10	5	6	8
80 - 90	5105173		5105195		20	1,0	2,0	45	10	5	6	8
90 - 100	5105174		5105196		20	1,0	2,0	45	10	5	6	8
100 - 110	5105175		5105197		20	1,0	2,0	45	10	5	6	8
110 - 120	5105176		5105198		20	1,0	2,0	45	10	5	6	8
120 - 130	5105177		5105199		20	1,0	2,0	45	10	5	6	8
130 - 140	5105178		5105200		20	1,0	2,0	45	10	5	6	8
140 - 150	5105179		5105201		20	1,0	2,0	45	10	5	6	8
150 - 160	5105180		5105202		20	1,0	2,0	45	10	5	6	8
160 - 170	5105181		5105203		20	1,0	2,0	45	10	5	6	8
170 - 180	5105182		5105204		20	1,0	2,0	45	10	5	6	8
180 - 190	5105183		5105205		20	1,0	2,0	45	10	5	6	8
190 - 200	5105184		5105206		20	1,0	2,0	45	10	5	6	8
200 - 210	5105185		5105207		20	1,0	2,0	45	10	5	6	8
210 - 220	5105186		5105208		20	1,0	2,0	45	10	5	6	8
220 - 230	5105187		5105209		20	1,0	2,0	45	10	5	6	8
230 - 240	5105188		5105210		20	1,0	2,0	45	10	5	6	8
240 - 250	5105189		5105211		20	1,0	2,0	45	10	5	6	8

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## Trelleborg Fittings 2018

		DN hose Diam. int. tuyau Diam. int. mang.	A	Ref.	Notes
 <p>Identification ring. <b>Bague d'identification.</b> <b>Anillo de identificación.</b></p>		<b>SS 304L</b>	25	38,4	5103564
			32	46,8	5103565
			38	54	5103566
			50	70	5103567
			63	82	5103568
			75	94	5103569
			100	120	5103570
 <p>Floater. <b>Flotteur.</b> <b>Flotador.</b></p>		<b>NEW</b> <b>PP/NYL</b>	ID 116 mm	5105377	
 <p>Bucket. <b>Seau.</b> <b>Cubo.</b></p>		<b>NEW</b> <b>AL</b>		5105411	
 <p><b>TEGUFLEX.</b> Expansion joints. <b>Manchons compensateurs.</b> <b>Juntas de expansión.</b></p>					<a href="http://www.trelleborg.com/fluidhandling">www.trelleborg.com/fluidhandling</a>
 <p><b>PERFORMER REDUCER.</b></p>					<a href="http://www.trelleborg.com/fluidhandling">www.trelleborg.com/fluidhandling</a>

# Updated Datasheets

Version française sur demande.



# Guillemin Revolving

## CHEMICAL - PETRO-CHEMICAL

### TECHNICAL DESCRIPTIONS

Swivel Ears 360°  
 Coupling Material = ASTM CF8M/1.4408  
 Gasket Material = CSM  
 Black locking ring for visual identification of the coupling  
 Working pressure = 16 bar  
 Max. Working T°C (with CSM gasket) = 120°C

### ADVANTAGES

- Avoid torsion of the hose during connection
- Assembly is lighter:  
no swivel coupling M/F added
- Enhanced security compared to coupling without ears

### RECOMMENDATIONS

Remove the CSM gasket before welding

### COMPLEMENTARY INFORMATIONS

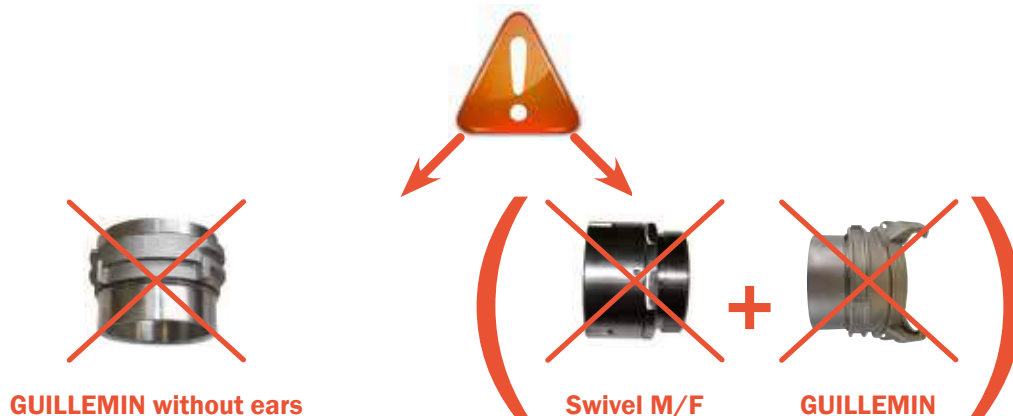
Patent number : P281-B-41739

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

### STAINLESS STEEL 316

Part number	Size coupling mm	Size shank mm	End fittings	Notes	Stock
5105247	DN 50	60,3 mm	Welding end		✓
5105248	DN 80	88,9 mm	Welding end		✓
5105281	DN 100	114,3 mm	Welding end		✓
5105249	DN 50	Helico shank DN 50	For composite hoses DN 50		✓
5105250	DN 80	Helico shank DN 80	For composite hoses DN 80		✓



# Hose Support

## SAFETY & HANDLING PRODUCTS

### ADVANTAGES

- Improve handling operations
- Use: fixed or mobile
- Keep and protect the hose structure

### COMPLEMENTARY INFORMATIONS

- Material: urethane
- Sling material: polyester UV Resistant  
CE certified slings: rated capacity of 5000 kg
- Maximum temperature: 93.3 °C

	Part number	DN hose	Rated Capacity (kg)	Notes	Stock
Hose support	5105144	3"	648.00		✓
	5105145	4"	648.00		✓
	5105146	6"	2500.00		✓
	5105147	8"	3888.00		✓
	5105148	10"	4860.00		✓

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



# HANDLE-TECH

## HOSE & PIPE SAFETY HANDLES

### ADVANTAGES

- Improve safety & efficiency of hose handling
- Reduce exposure to chemicals & contaminants
- Easy-to-clean, can be power washed & steam cleaned
- Industrial design is durable, lightweight & cost effective

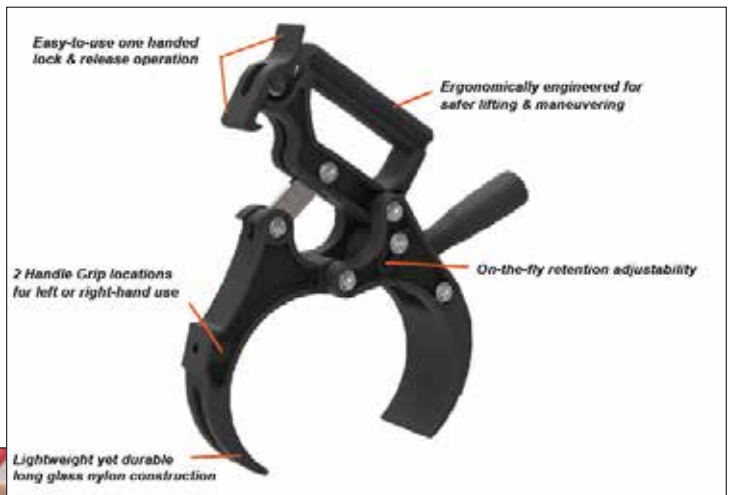
### COMPLEMENTARY INFORMATIONS

Temperature - 40 °C to + 65 °C

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

LONG GLASS NYLON HT				
Part number	OD hose inch		Notes	Stock
	min	max		
5105389	1"1/2	2"1/2		✓
5105330	3"	3"75		✓
5105331	4"	4"75		✓
5105332	6"	6"75		✓



## New product Handle Tech

For easier hoses and hose assemblies handling!






# Whipcheck & Wire cable stocking

## SAFETY PRODUCTS

### ADVANTAGES

- Prevent hose whip
- In case of a vertical connection, it helps to decrease the coupling's tensile force

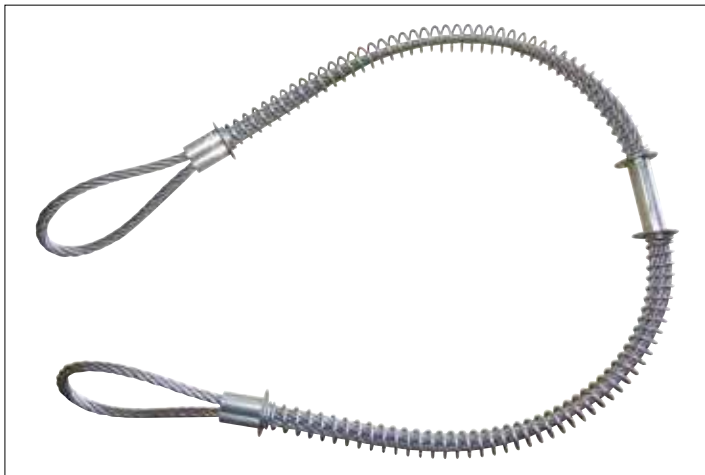
### COMPLEMENTARY INFORMATIONS

- Wire material: carbon steel
- Buckle material: aluminium

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

	Part number	OD hose (mm)		Lenght (mm)	Notes	Stock
		min	max			
Whipcheck	1304600	12	30	550		✓
	1304610	30	76	956		✓
	5105882	76	127	1118		✓
Wire cable stocking	5105284	28	40	800		✓
	5105285	40	50	800		✓
	5105286	50	60	900		✓
	5105287	60	70	1000		✓
	5105288	70	85	1000		✓
	5105289	85	100	1200		✓
	5105290	100	120	1400		✓
	5105291	120	150	1600		✓
	5105293	150	190	1600		✓



Whipcheck



Wire cable stocking: "Secure hose sleeve"

# Dry-Break Couplings

## DRY-BREAK COUPLINGS

TODO®

### CERTIFICATES/APPROVALS

- TÜ.AGG.162-93 (ADR, RID, IMDG and TA-Luft).
- European directives 97/23/EC (PED).
- 94/9/EC (ATEX) compliant.
- EN ISO 9001:2008.
- OHSAS 18001:2007.

### FEATURES

- Extremely reliable and simple single action operation.
- Safe transfer of hazardous or high value liquid products.
- Minimal residual loss on disconnection.

### TECHNICAL DETAILS

- Materials : Stainless Steel 316L, other on request
- Seals : FKM (Viton®), other on request.
- Working pressure : PN 25 (Test pressure : PN 37.5)
- End connections : BSP threads, other on request.
- Compatibility : NATO STANAG 3756

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

### TODO-MATIC® TANK UNIT

Sizes	BSP threads	Code no.	Notes	Stock
25	1"	5105392	☎	✓
50	2"	5105393	☎	✓
80	3"	5105394	☎	✓
100	4"	5105395	☎	✓



### TODO-MATIC® HOSE UNIT

Sizes	BSP threads	Code no.	Notes	Stock
25	1"	5105396	☎	✓
50	2"	5105397	☎	✓
80	3"	5105398	☎	✓
100	4"	5105399	☎	✓



**TODO®**

Also available for TODO-GAS® and TODO-AVIATION®

# Camlock

## MIL C-27487





■ AL = Aluminium
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■ ST = Steel *Acier Acero*
■ SS = Stainless steel *Inox*
■ PP = Polypropylene

### Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type A. <b>Type A.</b> Tipo A.</p>	PP	3/4" (F1/2")		5102171	
		3/4"		5102172	
		1"		5102173	
		1"1/2		5102175	
		2"		5102176	
		3"		5102177	
		4"		5102178	
 <p>Type B. <b>Type B.</b> Tipo B.</p>	PP	3/4" (M1/2")		5102179	
		3/4"		5102235	
		1"		5102181	
		1"1/2 (M1"1/4)		5102182	
		1"1/2		5102183	
		2"		5102184	
		3"		5102185	
 <p>Type C. <b>Type C.</b> Tipo C.</p>	PP	1/2"		5102187	
		3/4"		5102188	
		1"		5102189	
		1"1/4		5102190	
		1"1/2		5102191	
		2"		5102197	
		3"		5102193	
 <p>Type D. <b>Type D.</b> Tipo D</p>	PP	3/4" (F1/2")		5102195	
		3/4"		5102196	
		1"		5102237	
		1"1/4		5105292	
		1"1/2 (F1"1/4)		5102198	
		1"1/2		5102199	
		2"		5102200	
3"		5102201			
4"		5102202			

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 ■ PP = Polypropylene





## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Type E. <b>Type E.</b> <i>Tipo E.</i></p>	PP	3/4" (DN13)		5102203	
		3/4"		5102204	
		1"		5102205	
		1"1/2 (DN32)		5102206	
		1"1/2		5102207	
		2"		5102208	
		3"		5102209	
		4"		5102210	
 <p>Type F. <b>Type F.</b> <i>Tipo F.</i></p>	PP	1/2"		5102211	
		3/4"		5102212	
		1"		5102213	
		1"1/2 (M1"1/4)		5102214	
		1"1/2		5102215	
		2"		5102216	
		3"		5102217	
		4"		5102218	
 <p>Type DC. <b>Type DC.</b> <i>Tipo DC.</i></p>	PP	3/4"		5102228	
		1"		5102229	
		1"1/2		5102231	
		2"		5102232	
		3"		5102233	
		4"		5102236	
 <p>Type DP. <b>Type DP.</b> <i>Tipo DP.</i></p>	PP	3/4"		5102220	
		1"		5102221	
		1"1/2		5102223	
		2"		5102238	
		3"		5102225	
		4"		5102226	

# GEKA

■ AL = Aluminium  
 ■ BR = Brass *Laiton Latón*  
 ■ ST = Steel *Acier Acero*  
 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018



		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Price Prix Precio
 <p>GEKA hose tail. <b>GEKA cannelé.</b> <i>GEKA acanalado.</i></p>	BR		13	5100688	
			19	1872340	
			25	1872350	
			32	5100735	
			38	1872370	
 <p>GEKA female thread. <b>GEKA fileté femelle.</b> <i>GEKA rosca hembra.</i></p>	BR	1/2"		1872380	
		3/4"		1872390	
		1"		1872400	
		1"1/4		5100736	
		1"1/2		1872420	
 <p>GEKA male thread. <b>GEKA fileté mâle.</b> <i>GEKA rosca macho.</i></p>	BR	1/2"		1872430	
		3/4"		1872440	
		1"		1872450	
		1"1/4		1872460	
		1"1/2		1872470	
 <p>GEKA cap. <b>GEKA bouchon.</b> <i>GEKA tapon.</i></p>	BR			1872480	



# Reusable coupling

■ AL = Aluminium 
 ■ BR = Brass Laiton Latón 
 ■ ST = Steel Acier Acero 
 ■ SS = Stainless steel Inox 
 ■ PP = Polypropylene



## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Price Prix Precio
 <p>VOLUKLER reusable coupling. Female thread.  <b>VOLUKLER raccord démontable. Fileté femelle.</b>  <b>VOLUKLER racor desmontable. Rosca hembra.</b></p>	BR	3/4"BSPP	16	30103994	
		1"BSPP	16	30104048	
		3/4"BSPP	19	30103920	
		1"BSPP	19	30104047	
		1"BSPP	25	30103996	
 <p>VOLUKLER reusable coupling. Male thread.  <b>VOLUKLER raccord démontable. Fileté mâle.</b>  <b>VOLUKLER racor desmontable. Rosca macho.</b></p>	BR	3/4"BSPP	16	30103993	
		3/4"BSPP	19	30103921	
		1"BSPP	25	30103995	

# Gaskets thread

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 ■ SS = Stainless steel *Inox*  
 ■ PP = Polypropylene

## Trelleborg Fittings 2018

		DN coupling Diam. raccord Diam. racor	DN shank Diam. douille Diam. espiga	Ref.	Notes
 <p>Flat gasket for female thread BSPP. <b>Joint plat pour filetage femelle BSPP.</b> <i>Junta plana para rosca hembra BSPP.</i></p>	PU	1/2"		5105463	
		3/4"		5105464	
		1"		5105465	
		1"1/4		5105466	
		1"1/2		5105467	
		2"		5105468	
		2"1/2		5105469	
		3"		5105470	
		4"		5105471	
 <p>Flat gasket for female thread BSPP. <b>Joint plat pour filetage femelle BSPP.</b> <i>Junta plana para rosca hembra BSPP.</i></p>	PTFE	1/2"		5105454	
		3/4"		5105455	
		1"		5105456	
		1"1/4		5105457	
		1"1/2		5105458	
		2"		5105459	
		2"1/2		5105460	
		3"		5105461	
		4"		5105462	

# CANALKLER 250 S COUPLING

Coupling for sewer cleaning hoses

## BUILDINGS & CONSTRUCTION

### Drain and sewer cleaning

Sewer cleaning hoses require a high level of safety regarding couplings.

There are two types:

- One piece press coupling = standard.
- Reusable repair coupling = spare part coupling for field repair where press equipment is not available.

Press couplings are preferable because they are safe and less disposed to getting stuck in the sewer line.

### Technical description

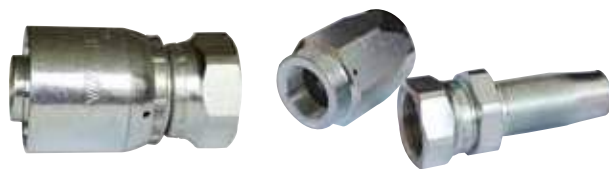
Material: free cutting steel, steel plated finish.

WP=250bar, for press-type.

WP=200bar, for reusable type.

### Complementary information

This kind of press-type coupling for Canalkler hose requires following of swaging procedures issued by Trelleborg.









	Article number	Name	Thread inch	DN hose mm	Notes
One piece Press coupling. BSP female.	0117183	321-08-08	1/2"	<b>13</b>	
	0117309	321-12-12	3/4"	<b>19</b>	
	0117208	321-16-16	1"	<b>25</b>	
	0117704	321-20-16	1"1/4	<b>25</b>	
	0117311	321-20-20	1"1/4	<b>32</b>	
One piece Press coupling. BSP male.	0118219	321-24-24	1"1/2	<b>38</b>	
	0117184	321-08-08	1/2"	<b>13</b>	
	0117308	321-12-12	3/4"	<b>19</b>	
	0117207	321-16-16	1"	<b>25</b>	
	0117705	321-20-16	1"1/4	<b>25</b>	
Reusable coupling. Ferrule included. BSP female.	0117310	321-20-20	1"1/4	<b>32</b>	
	0118218	321-24-24	1"1/2	<b>38</b>	
	0116184	321-08-08	1/2"	<b>13</b>	
	0116186	321-12-12	3/4"	<b>19</b>	
	0117706	321-16-16	1"	<b>25</b>	
Reusable coupling. Ferrule included. BSP male.	0118223	321-20-16	1"1/4	<b>25</b>	
	0117708	321-20-20	1"1/4	<b>32</b>	
	0118221	321-24-24	1"1/2	<b>38</b>	
	0116183	321-08-08	1/2"	<b>13</b>	
	0116185	321-12-12	3/4"	<b>19</b>	
Menders.	0117707	321-16-16	1"	<b>25</b>	
	0118222	321-20-16	1"1/4	<b>25</b>	
	0117709	321-20-20	1"1/4	<b>32</b>	
	0118220	321-24-24	1"1/2	<b>38</b>	
	5016257		1/2"	<b>13</b>	
5016258		3/4"	<b>19</b>		
5016259		1"	<b>25</b>		
5016260		1"1/4	<b>32</b>		
5016261		1"1/2	<b>38</b>		


Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

# TRELLJET COUPLING

Assembly for high pressure cleaning.  
Radial crimping for TRELLJET range.




<b>NIPPLE AND NUT (KÄRCHER TYPE)</b>										
<b>DIMENSIONS</b>			<b>FEMALE NIPPLE</b> Max. 400 bar		<b>NUT</b> Max. 400 bar		<b>FEMALE NIPPLE</b> Max. 500 bar		<b>NUT</b> Max. 500 bar	
			STEEL		BRASS		STAINLESS STEEL		STAINLESS STEEL	
ID coupling (mm)	OD nipple (inch)	Thread (mm)	Article number	Notes	Article number		Article number	Notes	Article number	
					Short	Long			Short	Long
6	1/4"	M 22 x 1.5	5005025				5105159			
8	5/16"	M 22 x 1.5	5005026		0129052	5100039	5105160		5105162	5105163
10	3/8"	M 22 x 1.5	5005027				5105161			



<b>BSP COUPLING CONE 60°</b>									
<b>DIMENSIONS</b>		<b>BSP MALE</b>		<b>BSP FEMALE</b>		<b>BSP MALE</b>		<b>BSP FEMALE</b>	
		STEEL				STAINLESS STEEL			
ID coupling (mm)	OD nipple (inch)	Article number	Notes	Article number	Notes	Article number	Notes	Article number	Notes
8	5/16"	5005016		5005018		5105165		5105167	
10	3/8"	5005017		5005019		5103115		5103116	
13	1/2"	5005049		5005045		0117882		0117886	



<b>FERRULE</b>									
<b>DIMENSIONS</b>		<b>FOR STEEL BRAIDED HOSES</b>							
		STEEL				STAINLESS STEEL			
		1 BRAID		2 BRAIDS		1 BRAID		2 BRAIDS	
Hose ID (mm)	Hose ID (inch)	Article number	Notes	Article number	Notes	Article number	Notes	Article number	Notes
6	1/4"	5106000		-		5106100		-	
8	5/16"	5106001		5106009		5106101		5106109	
10	3/8"	5106002		5106010		5106102		5106110	
13	1/2"	5106003		5106011		5106103		5106111	

# TRELLJET COUPLING

Assembly for high pressure cleaning.  
Radial crimping for TRELLJET range.

RUBBERIZED HANDLE PROTECTION								
DIMENSIONS			BLUE		BLACK		RED	
Hose ID (mm)	Hose ID (inch)	Handle ID (mm)	Article number	Notes	Article number	Notes	Article number	Notes
6	1/4"	14,6	5006000		5005042		Consult us	
8	5/16"	17	5005039		5005043		Consult us	
10	3/8"	19,5	5005040		5005044		5105153	
13	1/2"	23	5005041		5100038		5103457	

ADAPTOR							
DIMENSIONS		ADAPTOR M22 F - BSP F		ADAPTOR M22 F - BSP M			
STEEL							
Hose ID (mm)	Hose ID (inch)	Thread	Article number	Notes	Thread	Article number	Notes
6	1/4"	M22 F - 1/8" F	5103458		M22 F - 1/8" M	Consult us	
8	5/16"	M22 F - 1/4" F	5103459		M22 F - 1/4" M	5103462	
10	3/8"	M22 F - 3/8" F	5103460		M22 F - 3/8" M	5103463	
13	1/2"	M22 F - 1/2" F	5103461		M22 F - 1/2" M	5103464	

ADAPTOR							
DIMENSIONS		ADAPTOR M22 M - BSP F		ADAPTOR M22 M - BSP M			
BRASS							
Hose ID (mm)	Hose ID (inch)	Thread	Article number	Notes	Thread	Article number	Notes
6	1/4"	M22 M - 1/8" F	Consult us		M22 M - 1/8" M	Consult us	
8	5/16"	M22 M - 1/4" F	5103465		M22 M - 1/4" M	5103468	
10	3/8"	M22 M - 3/8" F	5103466		M22 M - 3/8" M	5103469	
13	1/2"	M22 M - 1/2" F	5103467		M22 M - 1/2" M	5103470	



# Universal Trelleborg Shank UTS

V04/07/2018

## UNIVERSAL TRELLEBORG SHANK

### ► UNIVERSAL HOSE ASSEMBLIES PROCESS

- Crimping with **UTS FERRULE** according to our procedures
- Mounted with **SAFETY CLAMP** according to EN 14 420-3
- Shank according to EN 14420-2

### ► UNIVERSAL TRELLEBORG HOSES COMPATIBILITY

One solution for all your hose assemblies, including FEP and UPE lined hoses.

### ► SAFE, RELIABLE<sup>(1)</sup> & NON RETENTION AREA<sup>(2)</sup>

The UTS hose connection has been tested and qualified up to the hose bursting pressure.

### ► STOCK MANAGEMENT/SAVING

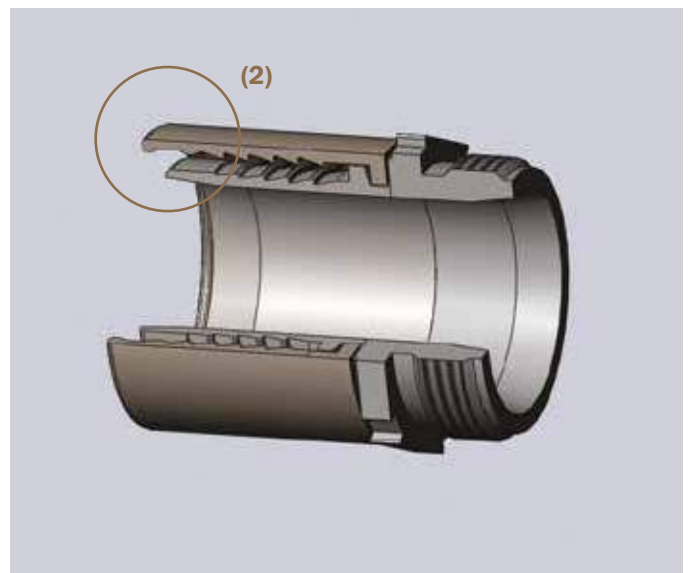
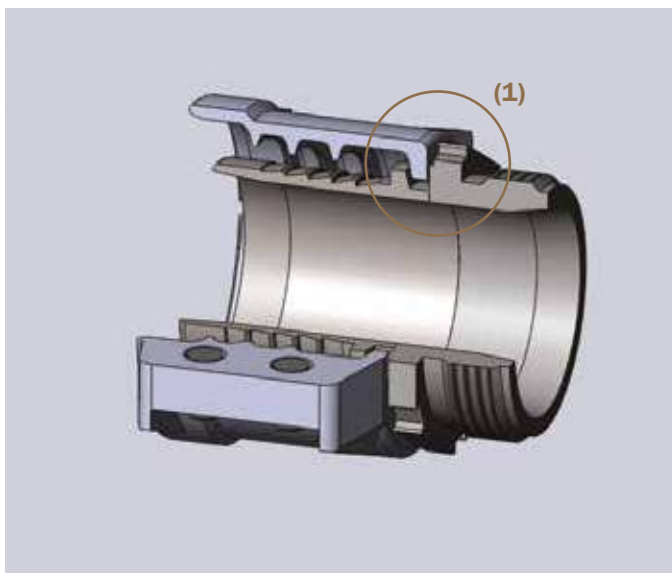
One solution = lower stock level/less item numbers

### ► AVAILBALE WITH VARIOUS END TYPES:

- DIN-11851
- CAMLOCK
- BSP MALE & FEMALE
- SMS-1145
- TRICLAMP (SMS Norm)
- WELDING END
- TANKWAGEN
- FLANGES
- GUILLEMIN
- ...

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)





# GUILLEMIN

V04/07/2018

### TECHNICAL INFORMATION

- GUILLEMIN according to NF EN 14420-8
- Shank according to EN 14420-2
- Material: stainless steel 316/1.4401
- Working pressure: 16 bar -  
\*Except for Ø 150 mm
- Temperature: -20°C +65°C
- CSM gasket

### RELATED PRODUCTS

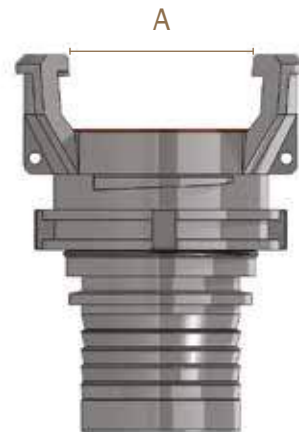
- UTS ferrules
- Safety clamps
- Spanner
- Other gaskets: NBR/EPDM/PTFE/FPM

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

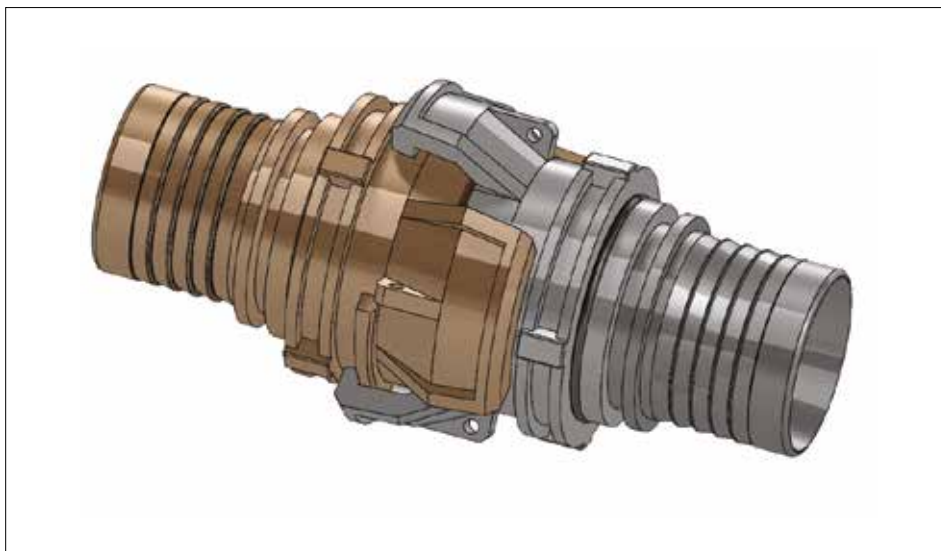
Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

### GUILLEMIN SS316

Part number	Coupling size	DN Hose (mm)	A	Notes	Stock
5103343	25	25	37.5		✓
5103344	32	32	42.5		✓
5103345	40	38	55		✓
5103346	50	50/51	69		✓
5103347	65	63	84		✓
5103348	80	75/76	104		✓
5103349	100	100/102	124		✓
5103893*	150	152	193		✓



**Related gasket page 15**





# DIN 11851

V04/07/2018

### TECHNICAL INFORMATION

- Thread according DIN 405
- Shank according to EN 14420-2
- Material: stainless steel 316L/1.4404
- Working pressure: 16 bar

### RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- DIN 11851 gaskets

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



DIN		SS316L		
Female				
Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5103359	25	25		✓
5103360	32	32		✓
5103361	40	38		✓
5103362	50	50/51		✓
5103363	65	63		✓
5103364	80	75/76		✓
5103365	100	100/102		✓



DIN		SS316L		
Male				
Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5103368	25	25		✓
5103369	32	32		✓
5103370	40	38		✓
5103371	50	50/51		✓
5103372	65	63		✓
5103373	80	75/76		✓
5103374	100	100/102		✓

**Related gasket page 111**

DIN		SS304	
Nut			
Part number	Coupling size (mm)	Notes	Stock
0116985	25		✓
5100287	32		✓
0116934	40		✓
0116739	50		✓
0116910	65		✓
0116913	80		✓
0117012	100		✓

DIN		Rubber coated nut	
Part number	Coupling size (mm)	Notes	Stock
5101011	25		✓
5101021	32		✓
5100802	40		✓
5100803	50		✓
5100804	65		✓
5103669	80		✓



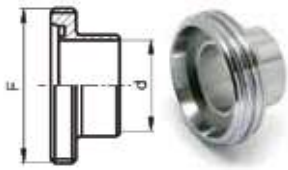




# DIN 11851

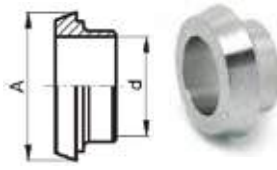
V04/07/2018

**MALE PART**



DN	F	d
10	28x1/8"	10
15	34x1/8"	16
20	44x1/6"	20
25	52x1/6"	26
32	58x1/6"	32
40	65x1/6"	38
50	78x1/6"	50
65	95x1/6"	66
80	110x1/4"	81
100	130x1/4"	100
125	160x1/4"	125
150	190x1/4"	150

**FEMALE PART**

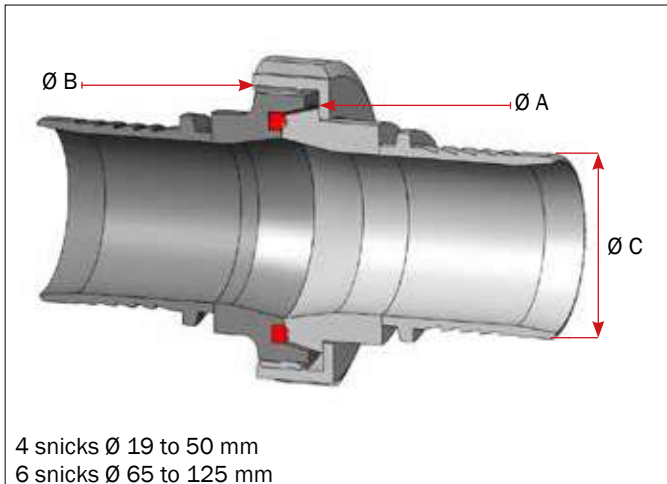


A	d
22	10
28	16
36	20
44	26
50	32
56	38
68	50
86	66
100	81
121	100
150	125
176	150

**NUT**



F	A	L
28x1/8"	38	18
34x1/8"	44	18
44x1/6"	54	21
52x1/6"	63	21
58x1/6"	70	21
65x1/6"	78	21
78x1/6"	92	22
95x1/6"	112	25
110x1/4"	127	30
130x1/4"	148	31
160x1/4"	178	35
190x1/4"	210	40



DIN	A	B	C
25	44	52 6 F"	25.2
32	50	58 6 F"	32.5
40	56	65 6 F"	38.5
50	68	78 6 F"	50.5
65	86	95 6 F"	63.5
80	100	110 4 F"	75.5
100	121	130 4 F"	100.6



**SMS**

V04/07/2018

**TECHNICAL INFORMATION**

- Thread according DIN 405
- Shank according to EN 14420-2
- Material: stainless steel 316L/1.4404
- Working pressure: 16 bar



**RELATED PRODUCTS**

- UTS ferrules
- Safety clamps
- SMS gaskets

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

SMS		SS316L		
Female				
Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5103326	25	25		✓
5103327	32	32		✓
5103328	38	38		✓
5103329	51	50/51		✓
5103330	63	63		✓
5103331	76	75/76		✓
5103332	104	100/102		✓



SMS		SS316L		
Male				
Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5103334	25	25		✓
5103335	32	32		✓
5103336	38	38		✓
5103337	51	50/51		✓
5103338	63	63		✓
5103339	76	75/76		✓
5103340	104	100/102		✓
5103341	101.6	100/102		☎

**Related gasket page 115**

SMS		SS304		
Nut				
Part number	Coupling size (mm)	Notes	Stock	
0116978	25		✓	
5100284	32		✓	
0116872	38		✓	
0116862	51		✓	
0116865	63		✓	
0116868	76		✓	
0116874	104		✓	
5102654	101.6		☎	

SMS		Rubber coated nut		
Part number	Coupling size (mm)	Notes	Stock	
5101012	25		✓	
5100792	38		✓	
5100749	51		✓	
5100786	63		✓	
5100787	76		✓	

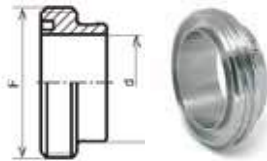




SMS

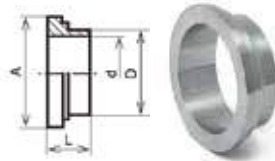
V04/07/2018

**MALE PART**



DN	F	d
25	1"	40x1/6"
38	1"1/2	60x1/6"
51	2"	70x1/6"
63	2"1/2	85x1/6"
76	3"	98x1/6"
104	4"	125x1/4"

**FEMALE PART**

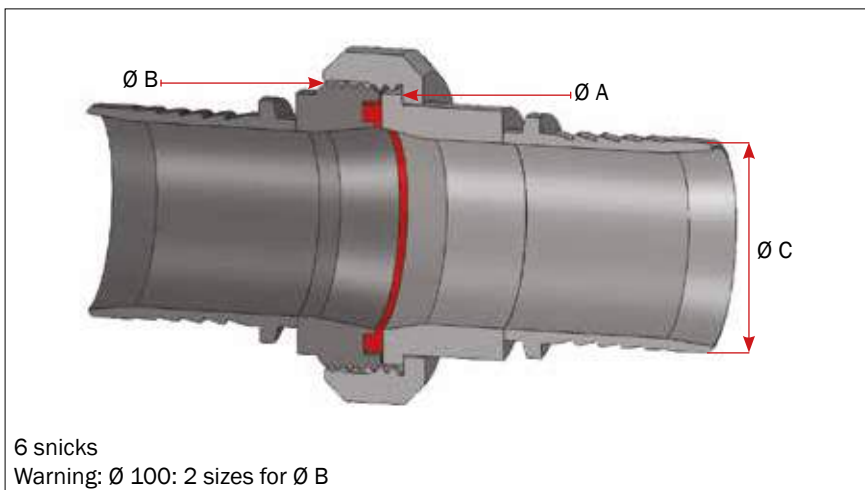


A	d
35,5	22,5
55	35,5
65	48,5
80	60,5
93	72,9
118	100

**NUT**



F	A	B	L
40x1/6"	51	32,5	19
60x1/6"	74	48,5	23
70x1/6"	84	61	24
85x1/6"	100	74	28
98x1/6"	114	87	30
125x1/4"	138	113	31



SMS	A	B	C
25	35.5	40 6 F"	25.2
32	43	48 6 F"	32.5
38	55	60 6 F"	38.5
51	65	70 6 F"	50.5
63	80	85 6 F"	63.5
76	93	98 6 F"	75.5
104	118	125 4 F"	100.6
101.6	118	132 6 F"	100.6



# TRI-CLAMP (SMS Norm & ISO Norm)

V04/07/2018

### TECHNICAL INFORMATION

- Shank according to EN 14420-2
- Material: stainless steel 316L/1.4404
- Working pressure: 16 bar
- Ra = 0.8
- Ra ≤ 0.5 on request
- Electropolishing on request

### RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- Clamp
- Gasket: FPM/EPDM/NBR/SILICONE

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



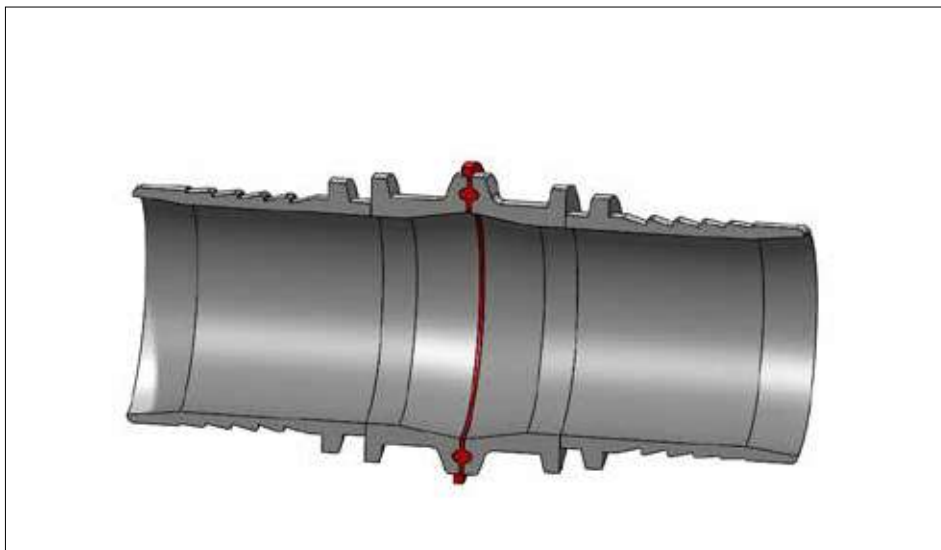
TRI-CLAMP		SS316L		
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SMS norm				
Part number	OD Ferrule (mm)	DN Hose (mm)	Notes	Stock
5103375	50.5	25		✓
5103376	50.5	38		✓
5103377	64.0	50/51		✓
5103378	77.5	63		✓
5103379	91.0	75/76		✓
5103380	119.0	100/102		✓

TRI-CLAMP		SS316L		
-----------	--	--------	--	--

ISO norm				
Part number	OD Ferrule (mm)	DN Hose (mm)	Notes	Stock
5103382	50.5	19		☎
5103383	50.5	25		☎
5103384	50.5	32		☎
5103385	64.0	32		☎
5103386	64.0	38		☎
5103387	77.5	50/51		☎
5103388	91.0	63		☎
5103389	106.0	75/76		☎
5103390	130.0	100/102		☎

**Related gasket page 123**





# BSPP

V04/07/2018

### TECHNICAL INFORMATION

- Thread according NF EN ISO 228-1
- Shank according to EN 14420-2
- Material: stainless steel 316/1.4401
- Working pressure: 25 bar
- Temperature: 100 °C
- PTFE flat thread seal



### RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- Flat thread seal

[www.trelleborg.com/fluidhandling](http://www.trelleborg.com/fluidhandling)

Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



### BSPP SS316

#### Female - PTFE gasket

Part number	Thread size (mm)	DN Hose (mm)	Notes	Stock
5103269	1/2"	13		✓
5103270	3/4"	19		✓
5103271	1"	25		✓
5103272	1" 1/4	32		✓
5103273	1" 1/2	38		✓
5103274	2"	50/51		✓
5103275	2" 1/2	63		✓
5103276	3"	75-76		✓
5103277	4"	100/102		✓

### BSPP SS316

#### Male

Part number	Thread size (mm)	DN Hose (mm)	Notes	Stock
5103293	1/2"	13		✓
5103294	3/4"	19		✓
5103295	1"	25		✓
5103296	1" 1/4	32		✓
5103297	1" 1/2	38		✓
5103298	2"	50/51		✓
5103299	2" 1/2	63		✓
5103300	3"	75-76		✓
5103301	4"	100/102		✓

**Related gasket page 154**

**NEW**  
**SAFE & RELIABLE CONNECTION**

**Same safety collar**

**Nut retaining by ciclips**

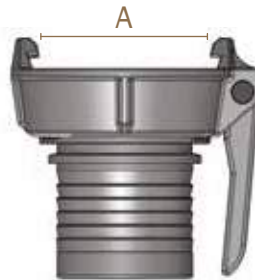


# TANKWAGEN

V04/07/2018

### TECHNICAL INFORMATION

- TW according to DIN 28450-EN 14420
- Shank according to EN 14420-2
- Material: stainless steel 316/1.4401
- Working pressure: 16 bar
- Temperature: -20°C +65°C
- CSM gasket



MK - CSM gasket

### TANGWAGEN MK SS316

Part number	Coupling size	DN Hose (mm)	A	Notes	Stock
5103887	50	50/51	71		✓
5103888	80	75/76	102		✓
5103889	100	100/102	129		✓

### RELATED PRODUCTS

- UTS ferrules
- Safety clamps

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)

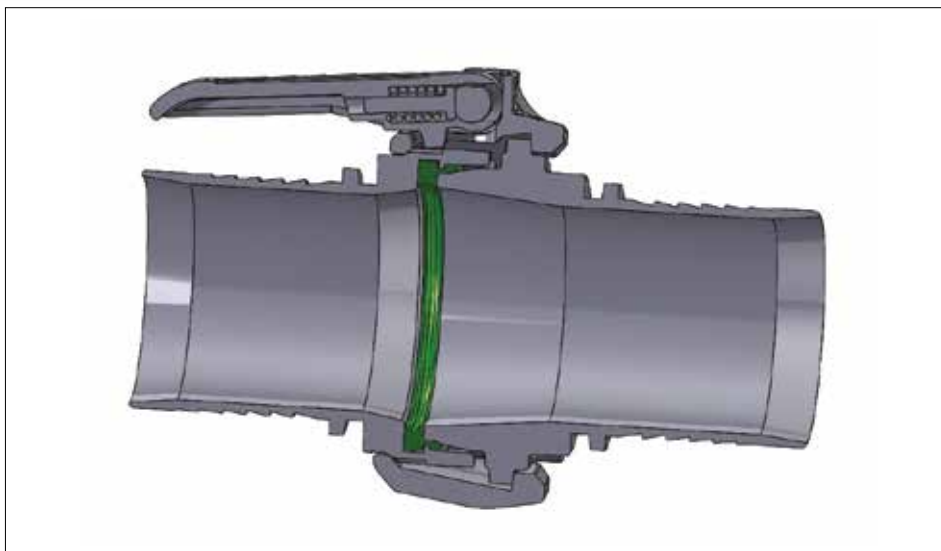


VK

### TANGWAGEN VK SS316

Part number	Coupling size	DN Hose (mm)	A	Notes	Stock
5103890	50	50/51	48.5		✓
5103891	80	75/76	76		✓
5103892	100	100/102	95		✓

**Related gasket page 38**





# CAMLOCK

V04/07/2018

## TECHNICAL INFORMATION

- CAMLOCK according to MIL-C 27487  
DIN282/NF EN 14420-7 2013
- Shank according to EN 14420-2
- Material: stainless steel 316/1.4401
- Working pressure: 16 bar
- Temperature: -20°C +65°C
- NBR gasket



### CAMLOCK - TYPE C - COUPLER

SS316

#### Female - NBR gasket

Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5105269	3/4"	19		✓
5103409	1"	25		✓
5105270	1" 1/4	32		✓
5103410	1" 1/2	38		✓
5103411	2"	50/51		✓
5103412	2" 1/2	63		✓
5103413	3"	75-76		✓
5103414	4"	100/102		✓

## RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- Other gasket: FPM/EPDM/  
FEP-Silicone/FPM-PTFE

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



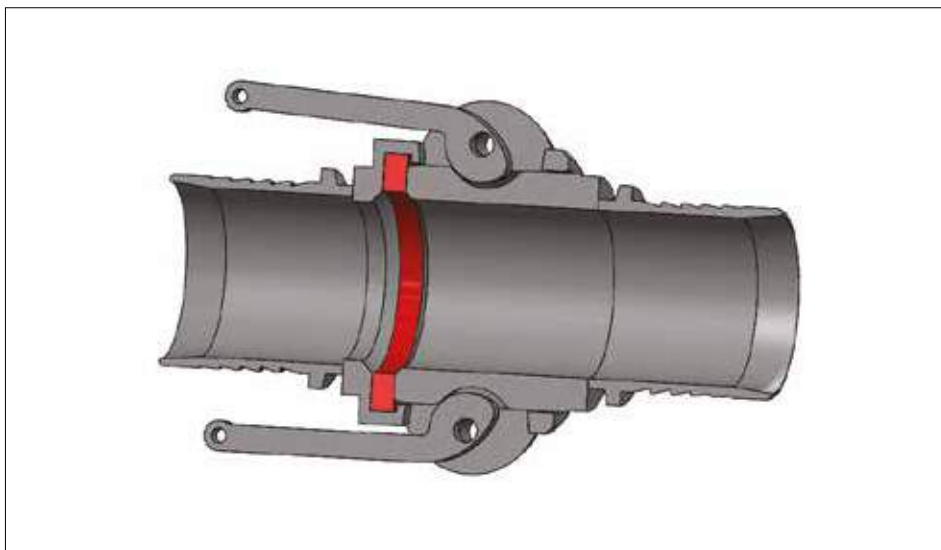
### CAMLOCK - TYPE E - ADAPTER

SS316

#### Male

Part number	Coupling size (mm)	DN Hose (mm)	Notes	Stock
5105267	3/4"	19		✓
5103397	1"	25		✓
5105268	1" 1/4	32		✓
5103398	1" 1/2	38		✓
5103399	2"	50/51		✓
5103400	2" 1/2	63		✓
5103401	3"	75-76		✓
5103402	4"	100/102		✓

**Related gasket page 30**





# WELDING END (BW & SMS)

V04/07/2018

## TECHNICAL INFORMATION

- Shank according to EN 14420-2

## RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- All welding couplings

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



BW				SS316
Part number	A (mm)	DN Hose (mm)	Notes	Stock
5103245	21.3	13		✓
5103246	26.7	20		✓
5103247	33.7	25		✓
5103248	42.2	32		✓
5103249	48.3	38		✓
5103250	60.3	50/51		✓
5103251	76.1	63		✓
5103252	88.9	75/76		✓
5103253	114.3	100/102		✓
5103254	139.7	125		✓
5103255	168.3	152		✓
5103256	219.1	204		✓

BW				CARBON STEEL
Part number	A (mm)	DN Hose (mm)	Notes	Stock
5103257	21.3	13		✓
5103258	26.7	20		✓
5103259	33.7	25		✓
5103260	42.2	32		✓
5103261	48.3	38		✓
5103262	60.3	50/51		✓
5103263	76.1	63		✓
5103264	88.9	75/76		✓
5103265	114.3	100/102		✓
5103266	139.7	125		✓
5103267	168.3	152		✓
5103268	219.1	204		✓

SMS				SS316
Part number	A (mm)	DN Hose (mm)	Notes	Stock
5103234	15	13		✓
5103235	20	20		✓
5103236	25	25		✓
5103237	32	32		✓
5103238	38	38		✓
5103239	51	50/51		✓
5103240	63	63		✓
5103241	76	75/76		✓
5103242	104	100/102		✓
5103243	125	125		✓
5103244	150	152		✓





# HOSE TAIL FOR SWIVEL FLANGE

V04/07/2018

## TECHNICAL INFORMATION

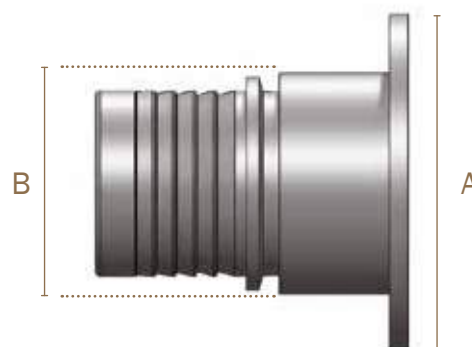
- Shank according to EN 14420-2
- Stub End type C 40S according to ASME/ANSI B16.9

## RELATED PRODUCTS

- UTS ferrules
- Safety clamps
- Swivel flanges

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



PN 10-16 / PN 10-40 / PN 25-40 / 150 LBS / 300 LBS						PN 10-16 / PN 10-40 / PN 25-40 / 150 LBS / 300 LBS					
SS316						CARBON STEEL					
Part number	A (mm)	B (mm)	DN Hose (mm)	Notes	Stock	Part number	A (mm)	B (mm)	DN Hose (mm)	Notes	Stock
5103415	35.0	21.3	13		✓	5103416	35.0	21.3	13		✓
5103417	42.9	26.7	20		✓	5103418	42.9	26.7	20		✓
5103419	50.8	33.4	25		✓	5103420	50.8	33.4	25		✓
5103421	63.5	42.2	32		✓	5103422	63.5	42.2	32		✓
5103423	73.0	48.3	38		✓	5103424	73.0	48.3	38		✓
5103425	92.0	60.3	50/51		✓	5103426	92.0	60.3	50/51		✓
5103427	104.6	73.0	63		✓	5103428	104.6	73.0	63		✓
5103429	127.0	88.9	75/76		✓	5103430	127.0	88.9	75/76		✓
5103431	157.2	114.3	100/102		✓	5103432	157.2	114.3	100/102		✓
5103433	185.7	141.3	125		✓	5103434	185.7	141.3	125		✓
5103435	215.9	168.3	152		✓	5103436	215.9	168.3	152		✓
5103437	269.9	219.1	204		✓	5103438	269.9	219.1	204		✓

## WARNING

**Choose your swivel flange in pages 170 and 171**



# SWIVEL FLANGE Stainless Steel 316

V04/07/2018

### TECHNICAL INFORMATION

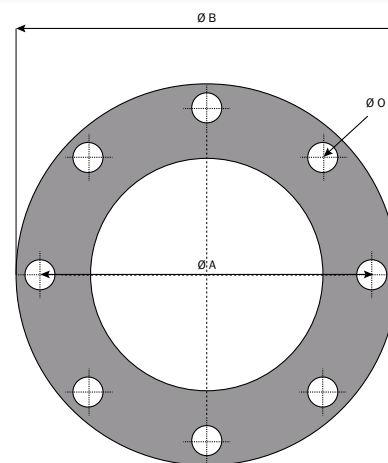
- PN 10/16 - PN 10/40 - PN 25/40 according to NF EN 1092-1
- 150 LBS/300 LBS according to ASME/ANSI B16.5, EN 1759-1
- Material: stainless steel 316L/1.4404

### RELATED PRODUCTS

- Swivel Flange End UTS coupling
- Assembly kit (nut + screw + fiber gasket)

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



**PN 10-16 / PN 10-40** **SS316L**

Part number	DN (mm)	A (mm)	B (mm)	Hole N x O (mm)	Notes
5105024	15	65	95	4 x 14	
5105025	20	75	105	4 x 14	
5105026	25	85	115	4 x 14	
5105027	32	100	140	4 x 18	
5105028	40	110	150	4 x 18	
5105029	50	125	165	4 x 18	
5105030	65	145	185	8 x 18	
5105031	80	160	200	8 x 18	
5105032	100	180	220	8 x 18	
5105033	125	210	250	8 x 18	
5105034	150	240	285	8 x 22	
5103960	200 (PN10)	295	340	8 x 22	
5103961	200 (PN16)	295	340	12 x 22	

**150 LBS** **SS316L**

Part number	DN (mm)	A (mm)	B (mm)	Hole N x O (mm)	Notes
5105036	15	60.5	88.9	4 x 15.9	
5105037	20	69.9	98.5	4 x 15.9	
5105038	25	79.4	107.9	4 x 15.9	
5105039	32	88.9	117.3	4 x 15.9	
5105040	40	98.4	127.0	4 x 15.9	
5105041	50	120.4	152.4	4 x 19	
5105042	65	139.7	177.8	4 x 19	
5105043	80	152.4	190.5	4 x 19	
5105044	100	190.5	228.6	8 x 19	
5103962	125	215.9	254.0	8 x 22.2	
5103963	150	241.3	279.4	8 x 22.2	
5103964	200	298.4	342.9	8 x 22.2	

**300 LBS** **SS316L**

5105045	15	66.5	95.3	4 x 15.9	
5105046	20	82.6	117.4	4 x 19	
5105047	25	88.9	124.0	4 x 19	
5105048	32	98.4	133.3	4 x 19	
5105049	40	114.3	155.5	4 x 22.2	
5105050	50	127.0	165.1	8 x 19	
5105051	65	149.2	190.5	8 x 22.2	
5105052	80	168.3	209.6	8 x 22.2	
5105053	100	200.0	254.0	8 x 22.2	
5103965	125	235.0	279.4	8 x 22.2	
5103966	150	269.9	317.5	12 x 22.2	
5103967	200	330.2	381.0	12 x 25.4	



# SWIVEL FLANGE Carbon Steel

V04/07/2018

## TECHNICAL INFORMATION

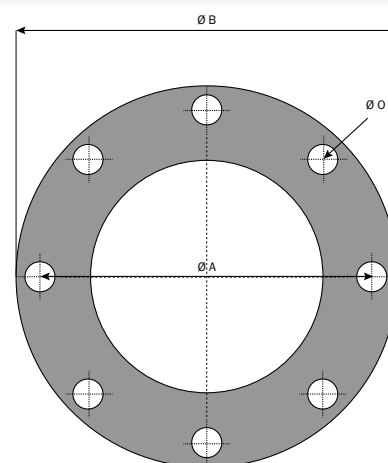
- PN 10/16 - PN 10/40 - PN 25/40 according to NF EN 1092-1
- 150 LBS/300 LBS according to ASME/ANSI B16.5, EN 1759-1
- Material: S235 JR or equivalent

## RELATED PRODUCTS

- Swivel Flange End UTS coupling
- Assembly kit (nut + screw + fiber gasket)

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



### PN 10-16 / PN 10-40 CARBON STEEL

Part number	DN (mm)	A (mm)	B (mm)	Hole N x O (mm)	Notes
5103874	15	65	95	4 x 14	
5103875	20	75	105	4 x 14	
5103876	25	85	115	4 x 14	
5103877	32	100	140	4 x 18	
5103878	40	110	150	4 x 18	
5103879	50	125	165	4 x 18	
5103880	65	145	185	8 x 18	
5103881	80	160	200	8 x 18	
5103882	100	180	220	8 x 18	
5103883	125	210	250	8 x 18	
5103884	150	240	285	8 x 22	
5103885	200 (PN10)	295	340	8 x 22	
5103886	200 (PN16)	295	340	12 x 22	

### 150 LBS CARBON STEEL

Part number	DN (mm)	A (mm)	B (mm)	Hole N x O (mm)	Notes
5103936	15	60.5	88.9	4 x 15.9	
5103937	20	69.9	98.5	4 x 15.9	
5103938	25	79.4	107.9	4 x 15.9	
5103939	32	88.9	117.3	4 x 15.9	
5103940	40	98.4	127.0	4 x 15.9	
5103941	50	120.4	152.4	4 x 19	
5103942	65	139.7	177.8	4 x 19	
5103943	80	152.4	190.5	4 x 19	
5103944	100	190.5	228.6	8 x 19	
5103945	125	215.9	254.0	8 x 22.2	
5103946	150	241.3	279.4	8 x 22.2	
5103947	200	298.4	342.9	8 x 22.2	

### 300 LBS CARBON STEEL

5103948	15	66.5	95.3	4 x 15.9	
5103949	20	82.6	117.4	4 x 19	
5103950	25	88.9	124.0	4 x 19	
5103951	32	98.4	133.3	4 x 19	
5103952	40	114.3	155.5	4 x 22.2	
5103953	50	127.0	165.1	8 x 19	
5103954	65	149.2	190.5	8 x 22.2	
5103955	80	168.3	209.6	8 x 22.2	
5103956	100	200.0	254.0	8 x 22.2	
5103957	125	235.0	279.4	8 x 22.2	
5103958	150	269.9	317.5	12 x 22.2	
5103959	200	330.2	381.0	12 x 25.4	



# FERRULE

V04/07/2018

## TECHNICAL INFORMATION

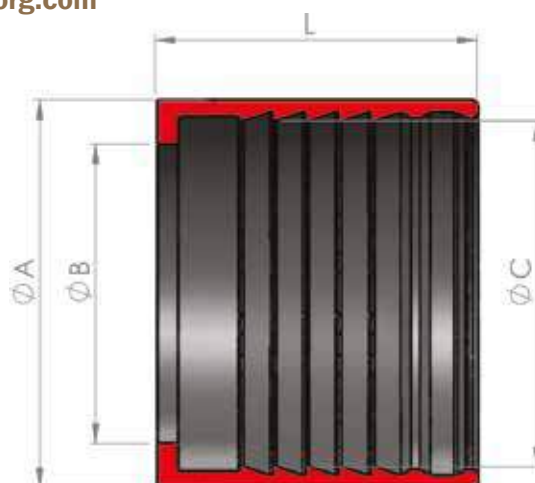
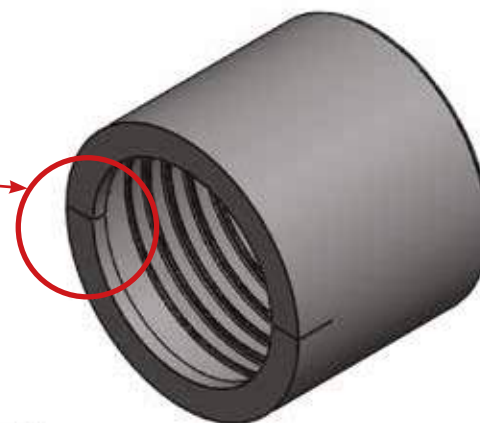
- Material : - stainless steel 304L  
- zing plated steel
- Snicks (0.2 mm): fittings recovery
- According to UTS design: limited retention area

## RELATED PRODUCTS

- UTS couplings

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Contact: [robin.lallemand@trelleborg.com](mailto:robin.lallemand@trelleborg.com)



FERRULE									
DN	Carbon steel		Stainless steel		Ø A	Ø B	Ø C	L	Stock
	Article number	Notes	Article number	Notes					✓
13	5103202		5103190		30	20	25	46	✓
19	5103203		5103191		39	27	32	46	✓
25	5103204		5103192		46	32	39	46	✓
32	5103205		5103193		53	38	46	46	✓
38	5103206		5103194		60	45.8	53	46	✓
50	5103207		5103195		74.5	59.7	67.5	54	✓
63	5103208		5103196		88.5	74	81.5	68	✓
70	-		5103439		96	81.5	89	77	✓
75	5103209		5103197		101.5	86.5	94	80	✓
100	5103210		5103198		128.5	112.5	120	100	✓
125	5103211		5103199		158	134	148.5	124	✓
150	5103212		5103200		188	165	177	165.5	✓
200	5103213		5103201		247	220	234	220	✓




# SAFETY CLAMP (Stainless steel 316)

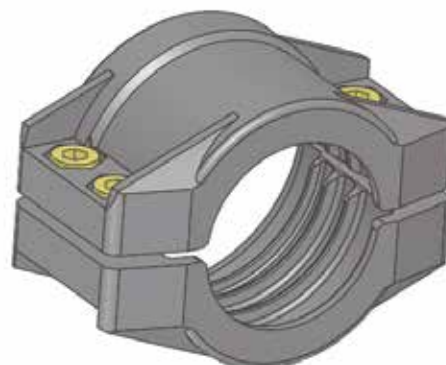
V04/07/2018

## TECHNICAL INFORMATION

- Material : stainless steel 316
- Included stainless steel bolt and nuts
- According to EN 1440-3

## RELATED PRODUCTS

- All UTS couplings
- All couplings according to EN14420
- Autoblock nut 



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### SS 316

DN Hose	Ref	Size	Material	Min. OD Hose (mm)	Max. OD Hose (mm)	According to EN 14420-3	Notes	Stock
13	0117567	13 x 5	SS 316	22	24	yes		✓
19	0117568	19 x 6	SS316	30	33	yes		✓
25	0117569	25 x 6	SS 316	36	39	yes		✓
32	0117570	32 x 6	SS 316	43	46	yes		✓
38	0117571	38 x 6,5	SS 316	50	53	yes		✓
50-51	5108976	50 x 6	SS 316	60	64	-		✓
50-51	0117572	50 x 8	SS 316	63	67	yes		✓
63-65	5108975	63 x 6	SS 316	73	77	-		✓
63-65	0117573	63 x 8 - 65 X 7	SS 316	78	82	yes		✓
75-76	5103181	75 x 6,5	SS 316	86	90	-		✓
75-76	0117574	75 x 8	SS 316	89	93	yes		✓
100-102	0117575	100 x 8	SS 316	114	119	yes		✓
150-152	5105349	150 x 10	SS 316	167	173	yes		✓




# SAFETY CLAMP (Aluminium)

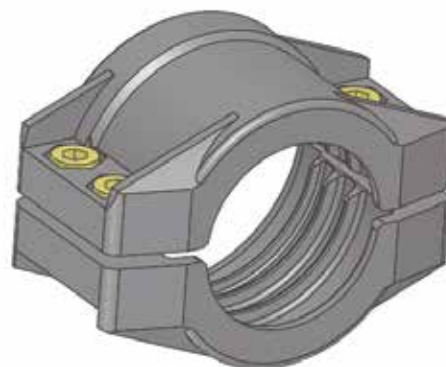
V04/07/2018

## TECHNICAL INFORMATION

- Material : aluminium
- Included zinc plated bolt and nuts
- According to EN 1440-3

## RELATED PRODUCTS

- All UTS couplings
- All couplings according to EN14420
- Autoblock nut 



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AL								
DN Hose	Ref	Size	Material	Min. OD Hose (mm)	Max. OD Hose (mm)	According to EN 14420-3	Notes	Stock
13	0117561	13 x 5	ALUMINIUM	22	24	yes		✓
19	0113472	19 x 6	ALUMINIUM	30	33	yes		✓
25	0732019	25 x 6	ALUMINIUM	36	39	yes		✓
25	0117562	25 x 8	ALUMINIUM	40	43	-		✓
32	0732020	32 x 6	ALUMINIUM	43	46	yes		✓
32	0117563	32 x 8	ALUMINIUM	46	50	-		✓
38	5108977	38 x 5	ALUMINIUM	47	44	-		✓
38	0731663	38 x 6,5	ALUMINIUM	50	53	yes		✓
38	0111749	38 x 8	ALUMINIUM	53	56	-		✓
38	0112011	38 x 10	ALUMINIUM	57	60	-		✓
40	0111985	40 x 7	ALUMINIUM	54	58	-		✓
50	5103175	50 x 2	ALUMINIUM	52	56	-		✓
50	5102436	50 x 5	ALUMINIUM	58	62	-		✓
50	5101018	50 x 6	ALUMINIUM	60	64	-		✓
50	0731664	50 x 8	ALUMINIUM	63	67	yes		✓
50	0111886	50 x 10	ALUMINIUM	68	72	-		✓

1/2

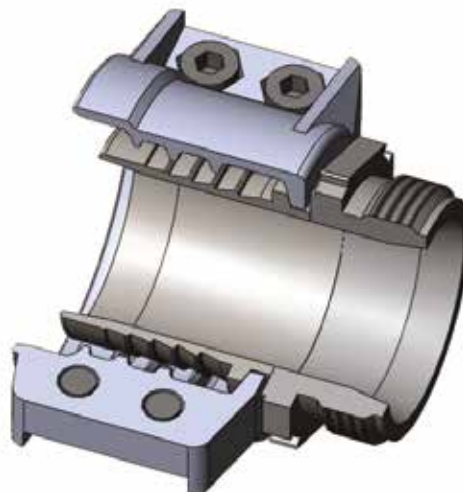


# SAFETY CLAMP (Aluminium)

V04/07/2018

AL								
DN Hose	Ref	Size	Material	Min. OD Hose (mm)	Max. OD Hose (mm)	According to EN 14420-3	Notes	Stock
65	5102976	63 x 6	ALUMINIUM	73	77	-		✓
65	0111750	63 x 8 - 65 x 7	ALUMINIUM	78	82	yes		✓
65	0111891	65 x 10	ALUMINIUM	83	87	-		✓
75	0731666	75 x 8	ALUMINIUM	89	93	yes		✓
75	0732012	75 x 10	ALUMINIUM	93	97	-		✓
75	0117564	75 x 12	ALUMINIUM	97	101	-		✓
80	0111751	80 x 8	ALUMINIUM	95	98	-		✓
80	0111895	80 x 10	ALUMINIUM	98	102	-		✓
90	5105883	90 x 5,5	ALUMINIUM	99	103	-		✓
100	0731667	100 x 8	ALUMINIUM	114	119	yes		✓
100	0111899	100 x 10	ALUMINIUM	118	122	-		✓
100	0111249	100 x 12	ALUMINIUM	122	126	-		✓
100	0111582	100 x 14	ALUMINIUM	126	130	-		✓
100	0113652	100 x 16	ALUMINIUM	130	134	-		✓
110	5105884	110 x 6,5	ALUMINIUM	121	125	-		✓
125	0111752	125 x 10	ALUMINIUM	143	147	-		✓
125	0117565	125 x 15	ALUMINIUM	153	157	-		✓
150	0111753	150 x 10	ALUMINIUM	167	173	yes		✓
150	0117566	150 x 13	ALUMINIUM	174	178	-		✓
150	0111754	150 x 15	ALUMINIUM	178	182	-		✓
200	0111756	200 x 12	ALUMINIUM	222	229	yes		✓

2/2







# Appendix

# Stainless steel material components

## STAINLESS STEEL MATERIAL COMPONENTS

### COMPOSITION DES ACIERS INOXYDABLES

#### COMPOSICIÓN DE LOS ACEROS INOX

Appellation courante		304	304L	304L	316	316L	316L	303	316Ti	321	Uranus B6	Duplex	309	
<b>Norme</b> (tubes, barres, tôles)	<b>AISI</b>	304	304L	304L	316	316L	316L	303	316Ti	321	904L	-	309S	
	<b>EN 120088</b>	1.4301	1.4307	1.4306	1.4401	1.4404	1.4435	1.4305	1.4571	1.4541	1.44539	1.4462	1.4833	
	<b>Désignation EN</b>	X5 CrNi 18-10	X2 CrNi 18-9	X2 CrNi 18-10	X5 CrNiMo 17-12-2	X2 CrNiMo 17-12-2	X5 CrNiMo 17-12-2	X10 CrNiS 18-09	X2 CrNiMoTi 17-12-2	X6 CrNiTi 18-11	X2 NiCrMoCu 25-20-5	X2 CrNiMoN 22-5-3	X18 CrNi 23-13	
	<b>AFNOR (ancien)</b>	Z6 CN 18-09	Z3 CN 19-09	Z2 CN 18-10	Z6 CND 17-11	Z2 CND 17-12	Z2 CND 17-13	Z10 CNF 18-09	Z6 CNDT 17-12	Z6 CNT 18-10	Z1 NCDU 25-20	Z3 CND 22-05	Z15 CN 24-13	
<b>Equivalent pièces moulées ASTM</b>		CF8			CF8M									
<b>Equivalent visserie</b>		A2	A2	A2	A4	A4	A4	A1						
<b>Composition chimique</b> Ce tableau donne des équivalences selon différentes normes pour les aciers inoxydables couramment utilisés. La composition chimique (notamment les mini/ maxi) peut varier légèrement d'une norme à l'autre. Cette composition est donnée à titre indicatif, pour les principaux éléments chimiques. Seule la composition d'analyse matière donnée sur les certificats fait foi.	<b>C %</b> Carbone	maxi	0,07	0,03	0,03	0,08	0,03	0,03	0,12	0,09	0,08	0,02	0,03	0,06
	<b>Cr %</b> Chrome	mini	17	17	18	16	16	17	17	16	17	19	21	20
		maxi	19	19	20	18	18	19	19	20	20	23	23	24
	<b>Ni %</b> Nickel	mini	8	8	10	11	10	10	8	10	9	23	4,5	12
		maxi	10	10	12	14	14	15	10	14	13	28	6,5	15
	<b>Mo %</b> Molybdène	mini	0	0	0	2	2	2,5	0	2	0	4	2,5	0
		maxi				2,5	2,5	3		2,5		5	3,5	
	<b>Ti %</b> Titane		0	0	0	0	0	0	0	5C - 0,7	5C - 0,7	0	0	0
	<b>Mn %</b> Manganèse	maxi	2	2	2	2	2	2	2	2	2	2	2	2
	<b>P %</b> Phosphore	maxi	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,03	0,04
<b>S %</b> Soufre	maxi	0,03	0,03	0,03	0,03	0,03	0,03	0,1	0,03	0,03	0,03	0,02	0,03	
<b>Si %</b> Silicium	maxi	1	1	1	1	1	1	1	1	1	1	1	1	

# Conversion tables

**CONVERSION TABLES - CONVERSION FROM INCH TO MM**  
**TABLEAU D'ÉQUIVALENCE - CONVERSION DES POUCHES EN MILLIMÈTRES**  
**TABLA DE CONVERSION - PUGADA EN MM**

Inches Pouces	mm	Inches Pouces	mm	Inches Pouces	mm	Inches Pouces	mm
1/64	0,397	17/64	6,747	33/64	13,097	49/64	19,447
1/32	0,794	9/32	7,143	17/32	13,494	25/32	19,844
3/64	1,191	19/64	7,541	35/64	13,891	51/64	20,241
1/16	1,588	5/16	7,938	9/16	14,288	13/16	20,638
5/64	1,984	21/64	8,334	37/64	14,684	53/64	21,034
3/32	2,381	11/32	8,731	19/32	15,081	27/32	21,431
7/64	2,778	23/64	9,128	39/64	15,478	55/64	21,828
1/8	3,175	3/8	9,525	5/8	15,875	7/8	22,225
9/64	3,572	25/64	9,922	41/64	16,272	57/64	22,622
5/32	3,969	13/32	10,319	21/32	16,669	29/32	23,019
11/64	4,366	27/64	10,716	43/64	17,066	59/64	23,416
3/16	4,763	7/16	11,112	11/16	17,462	15/16	23,812
13/64	5,160	29/64	11,509	45/64	17,859	61/64	24,209
7/32	5,556	15/32	11,906	23/32	18,256	31/32	24,606
15/64	5,953	31/64	12,303	47/64	18,653	63/64	25,003
1/4	6,350	1/2	12,700	3/4	19,050	1/1	25,400

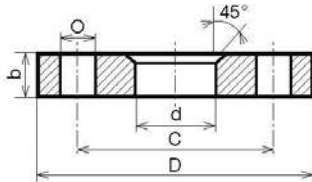
**CONVERSION TABLES - PRESSURE BAR/PSI**  
**TABLEAU D'ÉQUIVALENCE - PRESSION BAR/PSI**  
**TABLA DE CONVERSION - PRESIÓN BAR/PSI**

Bar	Psi
$10 \times 10^6$	$0,145038 \times 10^3$
1	14,5038
0,980665	14,2233
98,0665	$1,42233 \times 10^3$
$1,33322 \times 10^3$	$19,3368 \times 10^3$
1,01325	14,6959
$68,9476 \times 10^3$	1

# NF 1092-1-ASME/AISI B 16.5

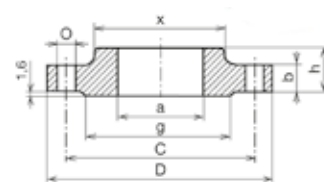
## Flange

**LOOSE FLANGE BRIDE PLATE TOURNANTE**



PN	DN	Alésage d	D	b	Perçage	
					nx0	C
PN 10 PN 16 PN 40	15	25	95	14	4x14	65
	20	31	105	16	4x14	75
	25	38	115	16	4x14	85
	32	47	140	18	4x18	100
	40	53	150	18	4x18	110
PN 10 PN 16	50	65	165	19	4x18	125
	65	81	185	20	8x18	145
	80	94	200	20	8x18	160
	100	120	220	22	8x18	80
	125	145	250	22	8x18	210
	150	174	285	24	8x18	240
PN 10	200	226	340	24	8x22	295
	250	281	395	26	12x22	350
	300	333	445	26	12x22	400
	350	365	505	28	16x22	460
	400	416	565	32	16x26	515
	450	467	615	36	20x26	565
	500	519	670	38	20x26	620
PN 16	600	622	780	42	20x30	725
	200	226	340	26	12x22	295
	250	281	405	29	12x26	355
	300	333	460	32	12x26	410
	350	365	520	35	16x26	470
	400	416	580	38	16x30	525
	450	467	640	42	20x30	585
	500	519	715	46	20x33	650
600	622	840	52	20x36	770	

**SLIP-ON FLANGE BRIDE 'SLIP ON'**



	DN	Alésage a	b	D	h	x	Perçage	
							nx0	C
Class 150	1/2"	22,3	9,7	88,9	14,1	30,2	4x15,9	60,3
	3/4"	27,7	11,2	98,5	14,1	38,1	4x15,9	69,8
	1"	34,5	12,7	107,9	15,9	49,3	4x15,9	79,4
	1"1/4	43,2	14,3	117,3	19,0	58,7	4x15,9	88,9
	1"1/2	49,5	15,9	127,0	20,8	65,0	4x15,9	98,4
	2"	62,0	17,5	152,4	23,8	77,7	4x19,0	120,6
	2"1/2	74,7	20,6	177,8	26,8	90,4	4x19,0	139,7
	3"	90,7	22,3	190,5	28,8	108,0	4x19,0	152,4
	4"	116,1	22,3	228,6	31,7	134,9	8x19,0	190,5
	5"	143,8	22,3	254,0	35,0	163,6	8x22,2	215,9
	6"	170,7	23,9	279,4	38,0	192,0	8x22,2	241,3
	8"	221,5	27,0	342,9	42,8	246,1	8x22,2	298,4
Class 300	10"	276,3	28,5	406,4	47,7	304,8	12x25,4	361,9
	12"	327,1	30,2	482,6	54,0	365,2	12x25,4	431,8
	1/2"	22,3	12,7	95,3	20,7	38,1	4x15,9	66,6
	3/4"	27,7	14,2	117,4	23,8	47,8	4x19,0	82,6
	1"	34,5	15,8	124,0	25,3	53,8	4x19,0	88,9
	1"1/4	43,2	17,5	133,3	25,3	63,5	4x19,0	98,5
	1"1/2	49,5	19,1	155,5	28,6	69,9	4x22,2	114,3
	2"	62,0	20,6	165,1	31,7	84,1	8x19,0	127,0
	2"1/2	74,7	23,9	190,5	36,5	100,1	8x22,2	149,4
	3"	90,7	26,9	209,6	41,3	117,3	8x22,2	168,1
	4"	116,1	30,2	254,0	46,1	146,0	8x22,2	200,1
	5"	143,8	33,3	279,4	49,2	177,8	8x22,2	235,0
6"	170,7	35,0	317,5	50,7	206,2	12x22,2	269,7	
8"	221,5	39,6	381,0	60,4	260,3	12x25,4	330,2	
10"	276,3	46,0	444,5	93,6	320,5	16x28,5	387,4	
12"	327,1	49,3	520,7	100,0	374,6	16x31,8	450,8	

# Thread types

## THREAD TYPES TYPES DE FILETAGE TIPOS DE ROSCA

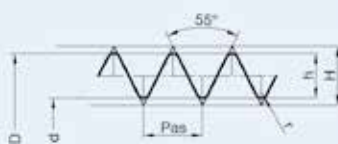
### Filetage Gaz

Filetage cylindrique BSPP  
NF EN ISO 228-1

$$H = 0,9604 \times \text{pas}$$

$$h = 0,6043 \times \text{pas}$$

$$r = 0,1373 \times \text{pas}$$



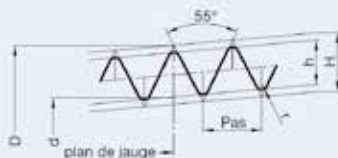
Filetage conique BSPT  
ISO 7/1

$$H = 0,9604 \times \text{pas}$$

$$h = 0,6043 \times \text{pas}$$

$$r = 0,1373 \times \text{pas}$$

Conicité : 6,25%



#### Caractéristiques principales

Désignation usuelle			Caractéristiques				
Diamètre nominal DN	Diamètre nominal (pouces)	Appellation courante	ø extérieur tube ISO	D* (mm)	d* (mm)	Pas	Nombre de filets au pouce
6	1/8"	5x10	10,2	9,728	8,556	0,907	28
8	1/4"	8x13	13,5	13,157	11,445	1,336	19
10	3/8"	12x17	17,2	16,662	14,950	1,336	19
15	1/2"	15x21	21,3	20,955	18,631	1,814	14
20	3/4"	20x27	26,9	26,441	24,117	1,814	14
25	1"	26x34	33,7	33,249	30,291	2,309	11
32	1 1/4"	33x42	42,4	41,910	38,952	2,309	11
40	1 1/2"	40x49	48,3	47,803	44,845	2,309	11
50	2"	50x60	60,3	59,614	56,656	2,309	11
65	2 1/2"	66x76	76,1	75,184	72,226	2,309	11
80	3"	80x90	88,9	87,884	84,926	2,309	11
100	4"	102x114	114,3	113,030	110,072	2,309	11
125	5"	127x140	139,7	138,430	135,472	2,309	11
150	6"	152x165	168,3	168,830	160,872	2,309	11

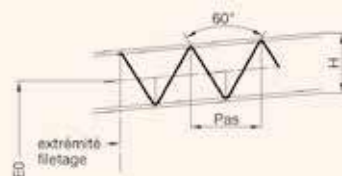
\* Pour filetage conique, diamètre au plan de jauge.

Filetage conique NPT  
ANSI B1.20.1

$$H = 0,866 \times \text{pas}$$

$$h = 0,800 \times \text{pas}$$

Conicité : 6,25%



#### Caractéristiques principales

Désignation usuelle		Caractéristiques			
Diamètre nominal DN	Diamètre nominal (pouces)	ø extérieur tube ANSI	EG* (mm)	Pas	Nombre de filets au pouce
6	1/8"	10,3	8,556	0,94	27
8	1/4"	13,7	11,445	1,411	18
10	3/8"	17,1	14,950	1,411	18
15	1/2"	21,3	18,631	1,814	14
20	3/4"	26,7	24,117	1,814	14
25	1"	33,4	30,291	2,209	11,5
32	1 1/4"	42,2	38,952	2,209	11,5
40	1 1/2"	48,3	44,845	2,209	11,5
50	2"	60,3	56,656	2,209	11,5
65	2 1/2"	73,0	72,226	3,175	8
80	3"	88,9	84,926	3,175	8
100	4"	114,3	110,072	3,175	8

\* E0 = diamètre sur flanc à l'extrémité du filetage (filetage extérieur).



# Article numbers

SS316



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For any other need, do consult us.

Pour tout autre besoin, nous consulter.

Para otras necesidades, consultarnos.



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# Conditions of sale



CONDITIONS DE VENTES CONDICIONES DE VENTA

# General Conditions of Sale

## GENERAL CONDITIONS OF SALE FOR TRELLEBORG FITTINGS SAS

### 1/ INTRODUCTION

TRELLEBORG FITTINGS SAS ("the vendor") sales are subject to these General Conditions of Sale, which take precedence over all conditions of purchase except where formally and expressly agreed by the vendor to the contrary.

Any order implies ipso jure full acceptance of these Conditions of Sale. These may not be modified by provisions to the contrary which may appear on the purchaser's order forms or in its General Conditions. The fact of the vendor not exercising at a given time any of these provisions may not be interpreted as constituting renunciation of exercising any of the said conditions at a later date.

### 2/ ORDERS

Orders are subject to written acceptance by the vendor. No order received may be subject to modification or cancellation without the vendor's express agreement.

Such modification or cancellation must be advised in writing by recorded delivery before dispatch of the goods or the start of provision of the service.

In the event of modification or cancellation accepted by the vendor the cancellation may result in the payment of compensation relating to the loss assessed.

Volumes ordered are considered as completed at ±5%. They may be reduced or cancelled according to the vendor's availabilities.

### 3/ PRICES

Prices are excluding tax for equipment in the vendor's factory or store, plus carriage, with non-returnable packaging being invoiced. The prices invoiced are those of the Price List in force on the day of delivery. The vendor's prices are liable to change without notice.

### 4/ DELIVERY – TRANSFER OF RISKS

Except where stated otherwise, delivery is deemed to be made in the vendor's factories or stores.

Delivery is made either by handing over directly to the purchaser, by simple advice of availability, or by release in the vendor's premises to a forwarder or carrier chosen by the vendor or nominated by the purchaser.

Unless the subject of a prior written agreement between the parties to this contract, the transfer of risks will be made ex works in accordance with the latest version of the ICC Incoterm 2010.

The delivery times are given purely as an indication. Delays in delivery may not give rise to damages, withholding or cancellation of orders in progress.

With regard to losses or damage in transit, the purchaser shall send his reservations by registered letter with acknowledgement of receipt. The reservations shall also be made in writing on the shipping document.

Reserves should be expressed in writing on the transport document and confirmed by recorded delivery letter to the carrier within 3 days of receipt of the goods. The purchaser is to advise us by sending a copy of the above-mentioned recorded delivery letter.

It is a matter for the purchaser to supply all proof as regards the actual fact of the alleged defects or non-compliances. It should allow the vendor all facilities to observe those defects and/or non-compliances and to provide a remedy for them.

In the event of an accepted fault in the goods delivered, the vendor's liability is strictly limited to the replacement of the defective parts without the payment of any compensation whatsoever.

The vendor is released ipso facto from any undertaking relating to delivery if the payment terms have not been observed by the purchaser, and in particular:

► In the event of non-payment for any reason whatsoever of a single invoice or advice of charges on the scheduled date.

► Non-payment on the scheduled date of an

advance or down-payment requested.

► In the event of late delivery by a supplier imposed by the purchaser.

► In the event of a change in the original order terms.

► Where execution of the order required additional details or a technical agreement from the purchaser which was not received in due time.

► Or if there is a case of Force Majeure in the sense of Article 1148 of the French Civil Code. The vendor guarantees that the products supplied by it are suitable for the purpose identified by the purchaser, but does not guarantee that such products are fit for a purpose that it is unaware of. Neither does the vendor guarantee that its products fit with other products unless those other products are also supplied by the vendor.

### 5/ RECEPTION

The purchaser has 30 minutes from taking delivery from the carrier to inspect the goods. If the delivery is accepted notwithstanding any visible sign of problems with the packaging, the products or the number of packages, the purchaser undertakes:

- To express clear and accurate reservations on the delivery receipt in the event of loss or damage in transit.
- These reservations must be made and written in the presence of the carrier.
- Wordings such as «subject to unpacking» or «subject to subsequent inspection» are inadmissible and have no value.

• The nature of the defective goods and number thereof must be clearly stated.

• To confirm within 72 hours its reservations by registered letter (art. L. 133-3 of the French Code of Commercial Law).

If the purchaser refuse all or part of the consignment:

• Express clear and accurate reservations on the delivery receipt in the event of loss or damage in transit.

• These reservations must be made and written in the presence of the carrier.

Any visible defect or non-conformity must be reported by registered letter with acknowledgement of receipt within twenty-four hours of delivery of the products for it to be taken into consideration. The claim must include the precise details (nature and extent of the defect or non-conformity).

Without prejudice to the measures to be taken vis-à-vis the carrier, any claim relating to the volume delivered, the execution, the quality, or any other reason should be advised to us by recorded delivery letter within one week of the arrival of the products. After this period, the goods shall be considered as definitively accepted.

It is up to the Purchaser to provide all relevant evidence of the alleged defects or non-conformities. The Purchaser must allow the vendor to ascertain and remedy such defects and/or non-conformities.

If the delivered goods are acknowledged to be defective, the Trelleborg's liability is strictly limited to the replacement of the defective items without any compensation being due.

### 6/ RETURN OF GOODS

Any product return shall require the vendor's prior written agreement. Any product returned without such agreement shall not give rise to the raising of a credit note. The costs and risks of the return for examination and/or repair and re-dispatch are for the purchaser's account, except where agreed otherwise.

Any return of products for examination authorises the vendor to take material samples for research and analysis purposes. Any return accepted by the vendor shall result in the raising of a credit note in favour of the purchaser.

### 7/ SETTLEMENT – TIME-SCALES

In the absence of other provisions agreed between the parties, and as set out below, the supplies are invoiced at thirty days end of

month and payable net with no discount, by bank transfer.

The invoice details the date on which the payment must be made: the payments are to be made to the vendor's registered address.

Any delay in payment relative to the contract dates shall give rise ipso facto to a late payment penalty calculated by application to the sums outstanding of a 5% rate and which where French law applies may not be lower than three times the statutory interest rate, or in other cases in accordance with the applicable national public policy without this penalty prejudicing the enforceability of the debt.

In application of commercial law (L441-3 and L441-6 articles) and in compliance with european directive (2011/7 of 16/02/2011): 40 € fixed price for collection charges.

The first sale after account opening is to be paid before delivery.

The vendor reserves the right to demand a prepayment amounting at least thirty percent of the total order amount.

On no account whatsoever may the payment dates be postponed, including in the event of a dispute.

Any knowledge of a significant change in the purchaser's economic or financial situation, even after partial execution of the orders, permits the vendor to obtain revision of the terms of execution and payment of those orders.

Default clause:

Non-payment of a payment due results ipso facto in all the invoices not yet due becoming due, even if they have been the subject of accepted bills of exchange.

Suspensive and termination clauses:

In the event of non-payment of a single payment due, the vendor reserves the right to suspend all non-executed orders, or even to terminate them, any partial payments received remaining acquired definitively by it.

### 8/ RESERVATION OF TITLE CLAUSE

The vendor retains ownership of the products sold up until payment in full of the price in principal and other charges, payment being understood to be the effective collection of the price. Any default in payment of any of the payments due may result in a claim on the goods which may be made by recorded delivery letter sent to the client.

These provisions do not form an impediment to the transfer to the purchaser, on delivery, of the risks that the product may incur or occasion. The purchaser shall also bear responsibility for the insurance covering those risks on behalf of whomsoever it may concern and should provide evidence of having taken out such insurance on any request by the vendor.

The purchaser shall make sure that identification of the products is always possible.

The products in stock are presumed to be those unpaid.

The purchaser may sell the products in the context of the normal operation of its business. The purchaser thus undertakes to advise the vendor immediately of the details of the products sold and the names and addresses of the purchasers of them to enable it where appropriate to exercise against the third party purchaser its right of a claim on the price.

Authorisation for sale is automatically withdrawn in the event of a salvage action plan, receivership or liquidation.

### 9/ LIABILITY

For it to be taken into consideration, any visible defect or non-compliance must be advised by recorded delivery letter within a period of 24 hours after delivery of the products. That claim must contain exact information as regards the nature and extent of the defect or non-compliance.

Similarly, the purchaser must exercise all recourse against the carrier within the time-

scales provided for by statute.

The vendor will assume liability up to a maximum value corresponding to the price of the products sold in respect to which a claim is made for all direct costs that the purchaser incurs as a result of the vendor's delivery of defective products.

Under no circumstances will the vendor be held responsible for indirect damages, including but not limited to: the loss of profits, loss of clients, loss of business or other consequential damages.

Our liability may not be sought for damage of any sort resulting from abnormal use of our products. The conditions recommended by us in particular relating to storage, handling, assembly, conditions of use and maintenance must be observed by our clients who are also bound so to inform the users.

### 10/ INDUSTRIAL AND COMMERCIAL PROPERTY RIGHTS

Except in respect of standard products, it is the purchaser's responsibility to ensure that the chosen product design does not infringe third party intellectual property rights. In the event that there is an infringement of third party intellectual property rights both the vendor and the purchaser have the right to demand that the production of the product concerned is discontinued without either party having the right of recourse towards the other.

The purchaser acquires no right over the industrial, intellectual and commercial property elements supplied to it by the vendor, in particular through its catalogues, Price Lists, advertising documents or technical data sheets. These remain the sole property of the vendor.

The purchaser undertakes not to use them for any purpose other than those linked to its personal use or marketing of the vendor's products to the exclusion of any other purpose. Under no circumstances may the products be sold under brand names, references or packaging or presentation other than those used by the vendor except where specifically expressly authorised by the vendor.

The production tools, moulds and art work are the property of the vendor when they are created in accordance with its specific design, even where the client has participated in the costs of creating the tooling, unless specifically agreed in writing otherwise. The vendor reserves the right not to store tools, moulds and artwork for more than three years after they were last used.

### 11/ FORCE MAJEURE

The occurrence of a case of Force Majeure results in suspension of execution of the vendor's contract obligations.

The following is considered as a case of Force Majeure: any event which is outside the control of the vendor which prevents it from operating normally, at the product production and/or dispatch stage.

If a case of Force Majeure prevents the vendor from meeting the delivery dates, the delivery dates shall be postponed so as to increase the contract time-scales by a period equal to the time lost because of the case of Force Majeure.

The purchaser may not claim from the vendor any indemnity or compensation of any nature whatsoever because of a delay caused by a case of Force Majeure.

### 12/ DISPUTES

It is expressly agreed that all litigation of which the business relations between the vendor and purchaser are the cause, object or occasion, will come under the exclusive competence of the Trade Court of the jurisdiction in which the seller is domiciled, also in the case of the introduction of third parties or of the plurality of defendants.

The relations between the parties are governed by and subject to French law.



# Conditions Générales de Vente

## CONDITIONS GÉNÉRALES DE VENTE DE TRELLEBORG FITTINGS SAS

### 1/Préambule

Les ventes de TRELLEBORG FITTINGS SAS («le vendeur») sont soumises aux présentes Conditions Générales de Vente, qui prévalent sur toute condition d'achat sauf dérogation formelle et expresse du vendeur.

Toute commande implique de plein droit l'entière acceptation des présentes conditions de vente. Celles-ci ne sauraient être modifiées par des stipulations contraires pouvant figurer sur les bords de commande de l'acheteur ou dans ses conditions générales. Le fait que le vendeur ne se prévaille à un moment donné de l'une quelconque des présentes clauses ne peut être interprété comme valant renonciation à se prévaloir ultérieurement de l'une quelconque desdites conditions.

### 2/Commandes

Les commandes sont sujettes à acceptation écrite du vendeur. Toute commande reçue ne peut faire l'objet d'une modification ou annulation sans accord exprès du vendeur.

Cette modification ou annulation doit être notifiée par écrit avec accusé de réception avant l'expédition des marchandises ou le début de réalisation de la prestation.

Dans le cas d'annulation ou de modification acceptée par le vendeur, l'annulation entraînera éventuellement le paiement d'indemnités correspondant au manque à gagner évalué.

Les quantités commandées sont réputées soldées à ±5%. Elles peuvent être réduites ou annulées selon les disponibilités du vendeur.

### 3/Prix

Les prix s'entendent hors taxes pour matériel en usine ou magasin du vendeur, port en sus, emballage facturé non repris. Les prix facturés sont ceux du tarif en vigueur au jour de la livraison. Les tarifs du vendeur sont modifiables sans préavis.

### 4/Livraison - Transfert des risques

Sauf stipulation contraire, la livraison est réputée effectuée dans les usines ou magasins du vendeur.

La livraison est effectuée soit par la remise directe à l'acheteur, soit par simple avis de mise à disposition, soit par la délivrance dans les locaux du vendeur à un expéditeur ou transporteur choisi par le vendeur ou désigné par l'acheteur.

Sauf accord écrit préalable entre les parties contractantes, le transfert des risques s'effectuera départ usine («ex works») selon Incoterm version 2010 de la CCI.

Les délais de livraison sont donnés à titre purement indicatif. Les retards de livraison ne peuvent donner lieu à dommages et intérêts, ni retenue ou annulation de commandes en cours.

Concernant les pertes ou avaries résultant du transport, l'acheteur doit adresser ses réserves par lettre recommandée avec accusé de réception. Les réserves devront en outre être formulées par écrit sur le document de transport et confirmées par LRAR au transporteur dans les 3 jours de la réception des marchandises. L'acheteur doit en informer le vendeur par l'envoi d'une copie de la lettre recommandée susvisée.

Le vendeur est libéré, de plein droit, de tout engagement relatif à la livraison si les conditions de paiement n'ont pas été observées par l'acheteur, notamment :

► En cas de non règlement d'une seule des factures ou notes d'agios à la date prévue pour quelque cause que ce soit.

► Le non versement à la date prévue d'une avance ou d'un acompte demandé.

► En cas de retard de livraison d'un fournisseur qui aurait été imposé par l'acheteur.

► En cas de modification des conditions initiales de la commande.

► Au cas où l'exécution de la commande nécessiterait des précisions complémentaires ou un accord technique de l'acheteur qui ne serait pas parvenu en temps voulu.

► Ou en présence d'un cas de force majeure au sens de l'article 1148 du Code Civil.

Le vendeur garantit que les produits fournis par lui sont adaptés à l'objet identifié par l'acheteur, mais ne garantit pas en revanche que ces produits conviennent à un besoin dont il n'aurait pas connaissance. Le vendeur ne garantit pas non plus que les produits sont adaptés à des produits autres que les autres produits fournis également par le vendeur.

### 5/Réception

Le client dispose de 30 minutes à réception du chauffeur/livreur pour contrôler la marchandise. En cas d'acceptation de la livraison malgré un signe apparent d'anomalies sur l'emballage, les produits ou le nombre de colis, le client s'engage :

- A émettre des réserves claires et précises sur le récépissé de livraison en cas de perte ou d'avarie sur la marchandise.

- Ces réserves devront être constatées et écrites en présence du transporteur/livreur.

- Les formules «sous réserve de déballage» ou «sous réserve de vérification ultérieure» ne sont pas admises et n'ont aucune valeur.

- La nature de la marchandise et le nombre de pièces en défaut devront être clairement mentionnés.

- Vous disposez de 72 heures pour confirmer les réserves par courrier recommandé (art. L. 133-3 du code de com.).

En cas de refus total ou partiel de la livraison :

- A émettre des réserves claires et précises sur le récépissé de livraison en cas de perte ou d'avarie sur la marchandise.

- Ces réserves devront être constatées et écrites en présence du transporteur/livreur.

Tout vice apparent ou non-conformité, pour être pris en considération, doit être signalé par lettre recommandée avec avis de réception dans un délai de 24 heures après livraison des produits. Cette réclamation doit contenir des données exactes quant à la nature et à l'importance du vice ou de la non-conformité.

Sans préjudice des dispositions à prendre vis-à-vis du transporteur, toute réclamation concernant la quantité livrée, l'exécution, la qualité, ou toute autre raison, devra être notifiée au vendeur par lettre recommandée avec accusé de réception dans les huit jours de l'arrivée des produits. Passé ce délai, la marchandise sera considérée comme définitivement acceptée.

Il appartiendra à l'acheteur de fournir toute justification quant à la réalité des vices ou non-conformités allégués. Il devra laisser au vendeur toutes facilités pour procéder à la constatation de ces vices et/ou non-conformités, et pour y porter remède.

En cas de défectuosité reconnue des marchandises livrées, la responsabilité du vendeur est strictement limitée au remplacement des pièces défectueuses sans versement d'indemnité quelconque.

### 6/Retour de marchandises

Tout retour de produit nécessitera notre accord préalable. Tout produit retourné sans cet accord ne donnera lieu à l'établissement d'aucun avoir. Les frais et les risques du retour pour examen et/ou réparation et de la réexpédition sont à la charge de l'acheteur, sauf convention contraire.

Tout renvoi des produits pour examen autorise le vendeur à effectuer des prélèvements de matière aux fins de recherche et d'analyse.

Toute reprise acceptée par le vendeur entraînera l'établissement d'un avoir au profit de l'acheteur.

### 7/Règlement - Délai

A défaut d'autres dispositions convenues entre les parties, les fournitures sont facturées à trente jours fin de mois et payables net et sans escompte, par virement bancaire.

La facture mentionne la date à laquelle le paiement doit intervenir : les paiements sont faits au domicile du vendeur.

Tout retard de paiement par rapport aux dates contractuelles donnera lieu de plein droit à une

pénalité de retard calculée par application aux sommes restant dues d'un taux qui ne saurait être inférieure à 5% sans être inférieure à trois fois le taux d'intérêt légal, ou dans les autres cas selon la législation nationale applicable, sans que cette pénalité nuise à l'exigibilité de la dette.

En application des articles L441-3 et L441-6 du code de commerce et en accord avec la directive européenne 2011/7 du 16/02/2011 : indemnité forfaitaire pour frais de recouvrement de 40.00EUR.

La première vente suivant l'ouverture du compte de l'acheteur devra être payée avant expédition.

Le vendeur se réserve le droit de facturer un acompte s'élevant à au moins 30% du montant de la commande.

Les dates de paiement ne peuvent être retardées sous quelque prétexte que ce soit, y compris en cas de litige.

Toute connaissance d'un changement important dans la situation économique ou financière de l'acheteur, même après exécution partielle des commandes, permet au vendeur d'obtenir la révision des conditions d'exécution et de paiement de ces dernières.

Clause de déchéance du terme :

Le non-paiement d'une échéance entraîne de plein droit la déchéance du terme de toutes les factures encore non échues, même si elles avaient fait l'objet de traites acceptées.

Clauses suspensives et résolutoires :

En cas de non-paiement d'une seule échéance, le vendeur se réserve le droit de suspendre toutes les commandes non exécutées, voire de les résilier, les paiements partiels reçus lui restant définitivement acquis.

### 8/Clause de réserve de propriété

Le vendeur conserve la propriété des produits vendus jusqu'au paiement de l'intégralité du prix en principal et accessoires, le paiement s'entendant de l'encaissement effectif du prix. Le défaut de paiement de l'une quelconque des échéances peut entraîner la revendication des biens qui pourra se faire par lettre recommandée avec accusé de réception adressée au client.

Ces dispositions ne font pas obstacle au transfert à l'acheteur dès la livraison des risques que le produit peut courir ou occasionner. L'acheteur supportera également la charge de l'assurance couvrant ces risques pour le compte de qui il appartiendra et devra en justifier la souscription à toute demande du vendeur.

L'acheteur veillera à ce que l'identification des produits soit toujours possible. Les produits en stock sont présumés être ceux impayés.

L'acheteur peut revendre les produits dans le cadre de l'exploitation normale de son entreprise. L'acheteur s'engage alors à communiquer immédiatement au vendeur les noms et adresses des acheteurs pour lui permettre d'exercer éventuellement son droit de revendication sur le prix à l'égard du tiers acquéreur.

L'autorisation de revente est automatiquement retirée en cas de plan de sauvegarde, redressement judiciaire ou liquidation judiciaire.

### 9/Responsabilité

Le vendeur assumera la responsabilité à hauteur d'une valeur maximale correspondant au prix des produits vendus à l'égard desquels une revendication est effectuée pour tous les coûts directs subis par l'acheteur résultant de la livraison de produits défectueux par le vendeur.

En aucun cas, le vendeur ne sera tenu responsable des dommages indirects, incluant mais non limités à : la perte de bénéfices, de clientèle, d'activité ou autre dommage consécutif.

Notre responsabilité ne peut être recherchée pour un dommage quel qu'il soit relevant d'un usage anormal de nos produits. Les conditions

prescrites par nous concernant notamment le stockage, la manutention, le montage, les conditions d'utilisation et la maintenance doivent être respectées par nos clients qui sont également tenus d'en informer les utilisateurs.

### 10/Propriété industrielle et commerciale

Sauf en ce qui concerne les produits standard, il incombe à l'acheteur de s'assurer que la conception choisie pour le produit ne porte pas atteinte aux droits de propriété intellectuelle d'un tiers. En cas d'atteinte aux droits de propriété intellectuelle d'un tiers, le vendeur autant que l'acheteur ont le droit d'exiger que la production du produit concerné soit interrompue sans qu'aucune des parties ne puisse exercer de recours envers l'autre.

L'acheteur n'acquiert aucun droit sur les éléments de propriété industrielle, intellectuelle et commerciale qui ont pu lui être fournis par le vendeur, au moyen notamment de ses catalogues, tarifs, documents publicitaires, fiches techniques. Ceux-ci restent la propriété exclusive du vendeur.

L'acheteur s'engage à ne pas les utiliser à d'autres fins que celles liées à son usage personnel ou à la commercialisation des produits du vendeur à l'exclusion de tout autre objet.

En aucun cas, les produits ne peuvent être commercialisés sous d'autres marques, d'autres références ou d'autres emballages ou conditionnement que ceux utilisés par le vendeur sauf autorisation spécifique expresse du vendeur.

Les outillages de fabrication sont la propriété du vendeur lorsqu'ils sont réalisés selon ses propres études, même s'il y a eu participation du client aux frais de réalisation de l'outillage, sauf convention contraire écrite expresse. Le vendeur se réserve le droit de ne pas stocker les outillages au-delà d'une durée maximale de trois ans après leur dernière utilisation.

### 11/Force majeure

La survenance d'un cas de force majeure a pour effet de suspendre l'exécution des obligations contractuelles du vendeur.

Est considéré comme cas de force majeure tout événement indépendant de la volonté du vendeur, faisant obstacle à son fonctionnement normal, au stade de la fabrication et/ou de l'expédition des produits.

Si un cas de force majeure empêche le vendeur de respecter les dates de livraison, ces dernières seront reportées de manière à augmenter les délais contractuels d'une période égale au temps perdu du fait du cas de force majeure.

L'acheteur ne pourra réclamer au vendeur aucune indemnisation ou compensation de quelque nature que ce soit du fait d'un retard causé par un cas de force majeure.

### 12/Contestations

Il est expressément convenu que tout litige émanant de la relation commerciale entre le vendeur et l'acheteur sera de la compétence exclusive du Tribunal de la juridiction de domiciliation du vendeur, y compris en cas d'introduction de tiers ou de pluralité de défendeurs.

Le droit applicable aux relations entre les parties est la loi française.

# Condiciones Generales de Venta

## CONDICIONES GENERALES DE VENTA DE TRELLEBORG FITTINGS SAS

### 1/ PREÁMBULO

Las ventas de TRELLEBORG FITTINGS SAS («el vendedor») están sometidas a las presentes Condiciones Generales de Venta, que prevalecen sobre toda condición de compra salvo derogación formal y expresa del vendedor. Todo pedido implica de pleno derecho la entera aceptación de las presentes condiciones de venta independientemente de todas las cláusulas contrarias que figuran en los documentos de compra de nuestros clientes o en sus condiciones generales.

### 2/ PEDIDOS

Los pedidos están sujetos a la aceptación escrita del vendedor. Todo pedido recibido no puede ser objeto de una modificación o anulación sin acuerdo expreso del vendedor. Esta modificación o anulación debe ser notificada por escrito con acuse de recibo antes de la expedición de las mercancías o al principio de realización de la prestación.

En el caso de anulación o modificación aceptada por el vendedor, la anulación implicará eventualmente el pago de indemnizaciones que corresponderán al lucro cesante evaluado.

Las cantidades pedidas se considerarán saldadas con un margen de  $\pm$  5%. Pueden ser reducidas o canceladas según la disponibilidad del vendedor.

### 3/ PRECIO

Nuestros precios se entienden libre de impuestos para material franco fábrica, portes debidos, embalaje facturado no retornable. Las mercancías se facturarán, en base a nuestras Catálogos en vigor en el momento de la entrega. Nuestras Catálogos son modificables sin previo aviso.

### 4/ ENTREGA - TRANSFERENCIA DE LOS RIESGOS

Salvo estipulación contraria, las entregas se consideran efectuadas en las fábricas o los almacenes del vendedor.

La entrega es efectuada sea por la entrega directa al comprador, sea por la puesta a disposición, sea por la entrega en los locales del vendedor a un remitente o transportista elegido por el vendedor o designada por el comprador.

Salvo previo acuerdo escrito entre las partes contratantes, la transferencia de los riesgos se efectuará salida de fábrica («ex Works») según el Incoterm, versión 2010 del CCI.

Los plazos de entrega se dan a título puramente orientativos. Las demoras de entrega no podrán dar lugar a reclamaciones por daños y perjuicios, ni tampoco a la retención del pago o a la anulación de los pedidos en curso.

Con respecto a las pérdidas o daños resultantes del transporte, el comprador debe indicar sus reservas al transportista por carta certificada con acuse de recepción en el plazo de 3 días de la recepción de las mercancías. Las reservas deberán además ser indicadas en el albarán de entrega del transportista.

El comprador debe informar al vendedor enviando una copia de la susodicha carta. Corresponderá al comprador proporcionar toda justificación en cuanto a la realidad de los defectos o no conformidades alegados. Deberá permitir al vendedor que procedamos a la comprobación de estos defectos y/o no conformidades, a fin de que podamos solucionarlos.

En caso de defecto reconocido de las mercancías suministradas, nuestra responsabilidad se limita estrictamente a la sustitución de las partes defectuosas sin pago de ninguna indemnización.

Se libera al vendedor, de pleno derecho, de todo compromiso relativo a la entrega si las condiciones de pago no son respetadas por el comprador :

► La falta de pago de una sola de las facturas o la no aceptación de un efecto en la fecha prevista cualquiera que sea la causa.

► El impago en la fecha prevista de un anticipo o de un pago a cuenta solicitado.

► En caso de retraso de entrega de un proveedor impuesto por el comprador.

► En caso de modificación de las condiciones iniciales del pedido.

► En caso donde la realización del pedido requeriría precisiones complementarias o un acuerdo técnico del comprador que no habría llegado a su debido tiempo.

► O en presencia de un caso de fuerza mayor según lo dispuesto en el artículo 1148 del Código Civil.

El vendedor garantiza que los productos suministrados están adaptados al objeto identificado por el comprador, pero en cambio, no garantiza que estos productos convienen para una aplicación concreta sin conocimiento previo. El vendedor no garantiza tampoco que los productos están adaptados a otros productos suministrados también por el vendedor.

### 5/ RECEPCIÓN

El cliente dispone de 30 minutos para controlar la mercancía entregada por el chofer/transportista. En caso de aceptación del suministro a pesar de algún signo aparente de anomalías en el embalaje, con los productos o número de paquetes el cliente se compromete :

- A reseñar las reservas claras y precisas en el albarán de entrega del transportista (CMR) en caso de pérdida o daño de la mercancía.

- Estas reservas deberán ser constatadas y escritas en presencia del transportista/suministrados.

- Las fórmulas "bajo reserva de desembalaje" o "bajo reserva de verificación posterior" no son admitidas y no tienen valor alguno.

- La naturaleza de la mercancía y el número de piezas con defecto deberán ser claramente mencionadas.

- Usted dispone de 72 horas para conformar las reservas por correo (código de comercio).

En caso de rechazo total o parcial del suministro :

- A reseñar las reservas claras y precisas en el albarán de entrega del transportista (CMR) en caso de pérdida o daño de la mercancía.

- Estas reservas deberán ser constatadas y escritas en presencia del transportista/suministrados.

Todo defecto aparente o no conformidad, para ser tomada en cuenta, debe ser informado por carta certificada con acuse de recepción en un plazo de 24 horas desde la recepción de la mercancía. Esta reclamación debe contener los datos exactos en cuanto a la naturaleza y la importancia de la no conformidad.

Sin perjuicio de las disposiciones a tomar cara al transportista, toda reclamación sobre la cantidad suministrada, la ejecución, la calidad, o cualquier otro motivo, deberá ser notificado al vendedor por carta certificada con acuse de recepción dentro de los ocho días desde la llegada de la mercancía. Pasado este plazo, la mercancía será considerada como definitivamente aceptada.

Corresponde al comprador de suministrar toda justificación en cuanto a la realidad de los defectos o no conformidad alegados. Deberá dejar todos los medios al vendedor para proceder a la constatación de estos defectos o no conformidad, y poner remedio.

En caso de defecto reconocido de los productos suministrados, la responsabilidad del vendedor está estrictamente limitada a la reposición de los productos defectuosos sin pago de indemnización alguna.

### 6/ DEVOLUCION DE MERCANCÍAS

Toda devolución de producto requerirá nuestro acuerdo previo. Cualquier devolución sin este acuerdo no dará lugar a un abono. Los gastos y los riesgos de la devolución para examen y/o reparación, así como la reexpedición serán a cargo del comprador, salvo acuerdo contrario.

Toda devolución de los productos para examen nos autoriza al vendedor a efectuar toma de muestras a efectos de la investigación y análisis correspondientes.

Toda devolución aceptada por el vendedor dará lugar al establecimiento de un abono a favor del comprador.

### 7/ PAGO - PLAZO

A falta de otras disposiciones acordadas entre las partes, los suministros son facturados a treinta días finales de mes y pagaderos por transferencia bancaria.

La factura menciona la fecha y el domicilio del vendedor donde deberán realizar el pago.

Todo retraso de pago con relación a las fechas contractuales dará lugar de pleno derecho a una penalidad por demora calculada por aplicación a las sumas que seguirán siendo debidas de un tipo que no podría ser inferior al 5% sin ser inferior a tres veces el tipo de interés legal, sin que esta penalización perjudique a la exigibilidad de la deuda.

En aplicación de los artículos L441-3 y L441-6 del código de comercio y de acuerdo con la directiva europea 2011/7 del 16/02/11 : indemnización global por gastos de recaudación de 40.00EUR.

La primera venta a un nuevo comprador deberá pagarse antes de la expedición.

El vendedor se reserva el derecho a facturar un pago a cuenta que asciende al menos a 30% del importe del pedido.

Las fechas de pago no pueden retrasarse bajo ningún pretexto, incluso en caso de litigio.

Todo conocimiento de un cambio importante en la situación económica o financiera del comprador, incluso después de ejecución parcial de los pedidos, permitiría al vendedor obtener la revisión de las condiciones de ejecución y pago de estos últimos.

#### Cláusula de caducidad del término :

La falta de pago comporta de pleno derecho, la caducidad del término de todas las facturas aún no vencidas, aunque hubieran sido objeto de letras aceptadas.

#### Cláusulas suspensivas y resolutorias :

En caso de impago de un único vencimiento, el vendedor se reserva el derecho de suspender o cancelar todos los pedidos no realizados, los pagos parciales recibidos permaneciéndose definitivamente adquiridos.

### 8/ CLÁUSULA DE RESERVA DE PROPIEDAD

El vendedor conserva la propiedad de los productos vendidos hasta el pago total del precio en principal y accesorios, entendiéndose por pago el cobro efectivo. La falta de pago de cualquiera de los vencimientos puede conllevar la reclamación de las mercancías que podrá hacerse por carta certificada con acuse de recibo dirigido al cliente.

Estas disposiciones no impiden que el comprador cargue con los riesgos que el producto puede sufrir u ocasionar desde el momento de la entrega. El comprador soportará también la carga del seguro que cubra estos riesgos a cuenta de quien deberá justificar la suscripción siempre que se lo pida el vendedor.

El comprador procurará que la identificación de los productos sea siempre posible. Los productos en stock se consideran incluidos en los impagados.

El comprador puede revender los productos en el marco de la explotación normal de su empresa. El comprador se compromete entonces a comunicar inmediatamente al vendedor los nombres, direcciones de los compradores y el importe del precio para permitirle ejercer eventualmente su derecho de reclamación sobre el precio al tercer adquirente.

La autorización de reventa se retira automáticamente en caso de plan de protección, rectificación o liquidación judicial.

### 9/ RESPONSABILIDAD

Todo vicio aparente o no conformidad, deberá ser comunicado por carta certificada con acuse de recepción en el plazo de 24 horas después de entrega de los productos. Esta reclamación debe contener los datos exactos en cuanto a la naturaleza y a la importancia del defecto o de la no conformidad.

El comprador deberá ejercer todo recurso en los plazos legalmente previstos contra el Transportista.

El vendedor asumirá la responsabilidad a la altura de un valor máximo correspondiente al

precio de los productos vendidos con respecto a los cuales una reivindicación es efectuada para todos los costes directos sufridos por el comprador como resultado de la entrega de productos defectuosos por el vendedor.

En ningún caso, el vendedor no será responsable de los daños directos o indirectos, incluyendo pero no limitados a : la pérdida de beneficios o clientela, al coste del capital resultante de las fuentes de suministro de sustitución.

No es imputable a nuestra responsabilidad cualquier daño que sea derivado de un uso anormal de nuestros productos. Las condiciones por nosotros especificadas referentes, al almacenamiento, la manutención, el montaje, condiciones de utilización y mantenimiento deben ser respetadas por nuestros clientes que a su vez tienen la obligación de informar al respecto a todos los usuarios de los productos.

### 10/ PROPIEDAD INDUSTRIAL Y COMERCIAL

Excepto en lo que respecta a los productos estándares, incumbe al comprador de asegurarse que la concepción escogida como el producto no atenta contra los derechos de propiedad intelectual de un tercero. En caso de atentado a los derechos de propiedad intelectual a un tercero, tanto el vendedor como el comprador tienen el derecho a exigir para que la producción del producto sea interrumpida sin que ninguna de las partes pueda ejercer de recurso hacia la otra.

El comprador no adquiere ningún derecho sobre los elementos de propiedad industrial, intelectual y comercial que pudieren ser proporcionados por el vendedor, al medio, en particular, sus catálogos, Catálogos, documentos publicitarios, fichas técnicas. Éstos siguen siendo la propiedad exclusiva del vendedor y sólo se comunican con carácter confidencial.

El comprador se compromete a no utilizarlos para otros fines que no sean el vinculado para su uso personal o a la comercialización de los productos del vendedor con exclusión de cualquier otro objeto.

En ningún caso, los productos pueden comercializarse bajo otras marcas, otras referencias u otros embalajes, o acondicionamiento que los utilizados por el vendedor salvo autorización expresa deliberada del vendedor.

Los utillajes de fabricación son propiedad del vendedor cuando son realizados según sus propios estudios, incluso si hubo participación del cliente en los gastos de realización de los utillajes, acuerdo por escrito expreso. El vendedor se reserva el derecho a no almacenar los utillajes más allá de una duración máxima de tres años después de su última utilización.

### 11/ FUERZA MAYOR

El acaecimiento de un caso de fuerza mayor tiene como efecto suspender el cumplimiento de las obligaciones contractuales del vendedor. Se considera como caso de fuerza mayor todo acontecimiento independiente de la voluntad del proveedor, suponiendo un obstáculo a su funcionamiento normal, en a la fase de fabricación y/o la expedición de los productos.

Si un caso de fuerza mayor impide al proveedor respetar las fechas de entrega, estos últimos se prorrogarán para aumentar los plazos contractuales por un período igual al tiempo perdido a causa del caso de fuerza mayor.

El comprador no podrá reclamar al proveedor ninguna indemnización o compensación de cualquier género a causa de un retraso causado por un caso de fuerza mayor.

### 12/ LITIGIOS

Según acuerdo, todo litigio que se produzca de la relación comercial entre el vendedor y el comprador será competencia exclusiva del Tribunal de la jurisdicción del domicilio del vendedor, incluido en caso de introducción de un tercero o de pluralidad de demandados.

La legislación aplicable a las relaciones entre las partes es la ley francesa.





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