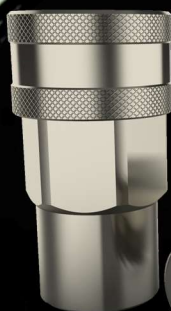




INTEVA

www.inteva.es

QUICK COUPLINGS



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
282929-2019-AD-IBE-ENAC

Initial certification date:
22 February 2016

Valid:
11 March 2022 – 19 February 2025
Expiry date of last certification cycle:
19 February 2022
Date of last re-certification:

This is to certify that the management system of

INDUSTRIAS TECNICAS DE VALVULERIA, S.A.

C/ Berguedà, 14-16 (Esq. Empordà), Pol. Ind. Can Bernades - Subirà, 08130, Santa Perpetua de Mogoda, Barcelona, Spain

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

Design, manufacture and sales of quick couplings, check valves and ball valves.




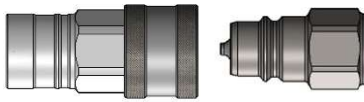









Place and date:
Barcelona, 11 March 2022

For the issuing office:
DNV - Business Assurance
Gran Via de les Corts Catalanes 130-136, Pl. 9,
08038, Barcelona, Spain



Ana del Rio Salgado
Management Representative

Series

101	.....	ISO A	
102	.....	ISO A (Multi-Threads)	
103	.....	ISO B	
104	.....	DIN	
105	.....	PSH	
106	.....	DIA	
107	.....	PSM	
108	.....	DIN-F	
109	.....	SMP	
1077	.....	TNS	
120	.....	IFR	
125	.....	TFH	
126	.....	TPL	

INDEX

QUICK COUPLINGS



Series

127

JAP



128

TVZ



129

ISO A
(Safety Sleeve)



131

CPR



136

DRF



140

CVF



150

INV



170

WEB



172

LKA



INDEX

QUICK COUPLINGS





USER MANUAL

Quick Couplings



Before installation!!!

- ✓ Read carefully the assembly and safety instructions.
- ✓ Installation of Quick Couplings can be only done by well **qualified personnel**.
- ✓ Check whether the **product meets the requirement** and if it has been damaged during transport.
- ✓ Ensure that **quick coupling is suitable for installation, required pressure, connection, flow characteristic and is compatible with the medium used**.
- ✓ Before installation **clean up hose and pipes**.
- ✓ Check that line **temperature** work within permitted limits.
- ✓ Verify if **maximal working pressure is equal or higher than the peak pressures of the application**.
- ✓ Verify that the **number of cycle impulses** of the product is compatible with those of the application.



Start-up!!

- ✓ Installation of Quick couplings can be only done if the circuit is **depressurized**.
- ✓ Make sure the **energy supply is disconnected**.
- ✓ **Always wear protective clothing**.
- ✓ Use **flexible hoses** to withstand better the system vibration and mechanical tensions on the couplings.
- ✓ Use **appropriate tools** to act only over flat sides of the couplings
- ✓ Hose must be installed so that the connection/disconnection can be done easily and **aligned position**.
- ✓ Make sure to **work always within permitted limits on pressure and temperature**.
- ✓ Lubricate the seals and run always a **test connection** to ensure both halves connect correctly.
- ✓ Connect screw couplings always up to the stop mark.



Storage

All our quick and screw couplings are brought through a heat and surface treatment to improve its conservation. We recommend:

- Store in cool, dry, and high places above the ground.
- Keep away from heat sources or direct impact of the sunlight.
- Review periodically the valves whether these have signs of corrosion, cracks and/or visible damages.



Maintenance

- To avoid unexpected damages, **run regularly inspections**. If during inspection or first runs following conditions are detected, system should be turned off and the product replaced:
 - ✓ Malfunction
 - ✓ Presence of leakage
 - ✓ Visible damages, cracks and or corrosion
 - ✓ Difficulties by connecting/disconnecting
 - ✓ System contamination
- Sealing components should be lubricated with compatible lubricant.
- The maintenance period should be defined by the end user depending on the type of application and operating conditions.

The functionality of the product can be affected by a wrong maintenance.



Warnings!!!

- ✗ **Avoid contaminating the hydraulic system**. Contaminated mediums can damage internal sealing components leading to leakages and malfunctions.
 - ✓ Before installation **clean up hose and pipes**.
 - ✓ Before connection **clean up** both halves male and female.
 - ✓ After disconnection **use our dust caps and plugs to protect** the couplings from dirt and external damages.
- ✗ **Lateral loads, vibration and mechanical stress in general, can cause misalignment of couplings** during connection / disconnection and can cause unwanted disconnection, damage the connection and sealing. It reduces significantly the life of the product. We recommend using flexible hoses.
- ✗ **Do never use inappropriate tool** e.g. clamp tools, hammers, key tools. It can damage the couplings leading to malfunction.
- ✗ While disconnecting, depending on the positioning and temperature the **residual pressure** can reach high values. **Do not use any tool to force the disconnection and relieve the pressure trapped inside**.
- ✗ **Operating over and under the permitted working pressure and temperature limits, leads to deterioration and leakages of the quick couplings**.
- ✗ **Do not connect and disconnect at temperatures < 80°C**. Operating between 30°C – 80°C use gloves and other safety devices to prevent injury itself, thirds, animals and/or objects.
- ✗ **Never rotate the couplings while under pressure**.
- ✗ **Use care if you must install quick couplings onto iron pipe**.
- ✗ In case of malfunction, quick coupling must be replaced by qualified personnel. First depressurize and drain the system. If necessary, out of service.
- ✗ **If our quick couplings are dismantled improperly without authorization, any warranty and damage claim against the manufacturer are null and void**.
- ✗ **Any changes on design or reworks on quick couplings e.g. dimensional or superficial, is strictly prohibited without previous consultation with the manufacturer**.
- ✗ This manual is not intended to replace any national regulation on accident prevention and local safety regulations of the operating company, which on this should be considered a priority.

INTEVA and its distributors are not responsible for damages caused on people or machines for an improper use or incorrect maintenance of the products.

The product selection, installation, maintenance and use, is under end users responsibility.

The distributor must ensure that that all product requirements are met and must inform the end user about the product use and maintenance.



Elimination

In compliance with the laws of each country on the disposal of industrial waste, the quick couplings in disuse must be eliminated taking into account that all components can be recycled.

Consider that:

- Elimination and removal must be done by qualified personnel only.
- Before extraction, depressurize pipes and circuit. The quick couplings must relieve pressure from its cavity as well.

V160421



USER MANUAL CPR Flat Face



WARNINGS!

⚠ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in **Zone 1**, **internal sealing components can be damaged** (O-Ring, Back-up Ring)



Dirt is the main cause of a malfunction on this part of the coupling.



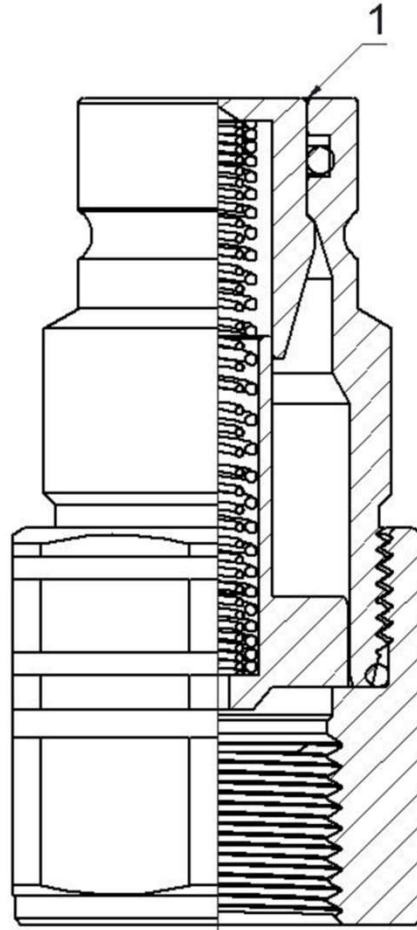
Recommendations...

- ✔ Before installing, **clean-up the hoses and pipes.**
- ✔ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
- ✔ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.
- ⚠ **Do not damage the flat side of the male coupling, Zone 1.** This can lead to damages on internal sealing components of the female half while connecting both parts.
- ⚠ **Do not overload the coupling.** Fix the hoses by flexible supports.
- ⚠ **Avoid rotations** between both couplings male and female.



While connected it is difficult to detect leakages!

If the **sealing components** (O-Ring, Back-up Ring) of the male coupling are damaged, **in most of the cases the leakage cannot be detected.** While connecting, the damaged seal is exposed and leakages appear on the sleeves of the female coupling. Generally the female coupling as an individual element isn't damaged.



Do never use a SCREWDRIVER for moving the flat valves back, forcing the opening of these and relieve the residual pressure trapped in the circuit, running the risk to **damage the seals by sliding on the smooth surface on the flat front.**

V160421



USER MANUAL

CPR Flat Face



WARNINGS!

✖ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in Zone 1, 2 or 3, following failures can appear:

1. **Male half and female half cannot be engaged.**
2. **Dirt can damage internal component 4.** When connected, female leaks.
3. **If dirt enters in Zone 5 it can affect the back movement of the sleeve what leads to an inappropriate connection between both halves.**
4. **Ensure pulling the sleeve totally down for a safety disconnection.**

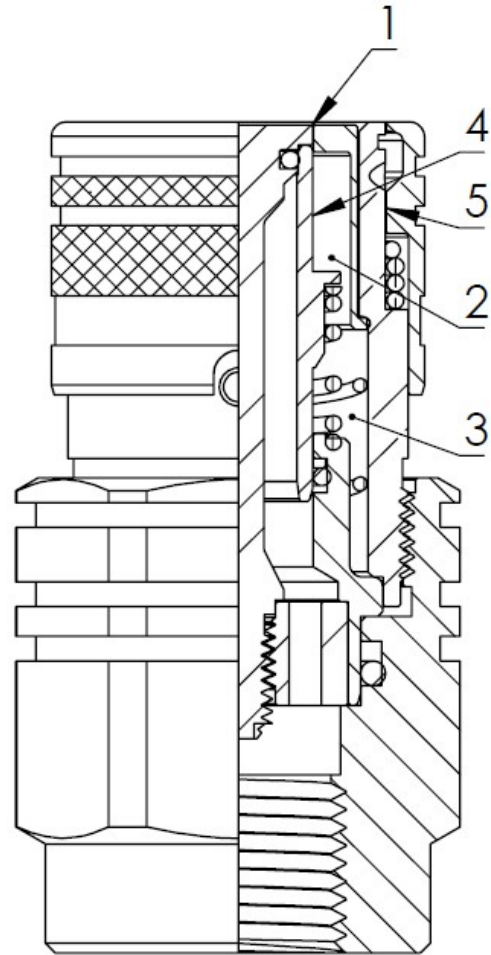


Dirt is the main cause of a malfunction on this part of the coupling.



Recommendations...

- ✓ Before installing, **clean-up the hoses and pipes.**
- ✓ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
- ✓ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.



Decompression...

If female coupling is pressurized and pressure cannot be relieved by a control unit, the decompression of the female coupling is not possible.

V160421



v11



101 SERIES

ISO-A CARBON STEEL

Manufactured according to ISO 7241-A
(1/2" and 3/4" conform to ISO 5675)

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 350 Bar
Materials:	Body: Carbon Steel EN 10277-3 O-rings: NBR / VITON / EPDM Back-up-ring: PTFE Springs: EN 10270-1/SH Balls: AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*
Closing System:	Poppet Valve or Ball / C.U.R.P.**
Connection:	Sleeve Retraction & Press to connect
Disconnection:	Sleeve Retraction
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version**

Available Size: 1/4" a 2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER ANV - AEROQUIP FD56
PARKER 6600 - SNAP-TITE 61

**Others upon request.*

MODEL STRUCTURE

Example:

101.11112 BC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
101.	1 Carbon St. 2 SS316 3 SS303 4 Brass	1 Male 2 Female	0 Without 1 Poppet 2 Ball 3 C.U.R.P*	0 Without 1 NBR 2 VITON 3 EPDM	1 6 1/4" 2 10 3/8" 3 13 1/2" 4 20 3/4" 5 25 1" 6 32 1 1/4" 7 40 1 1/2" 8 50 2"	2 letters (see Table of Threads page 999-1)

** Size 13 - 1/2" available only.

101-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

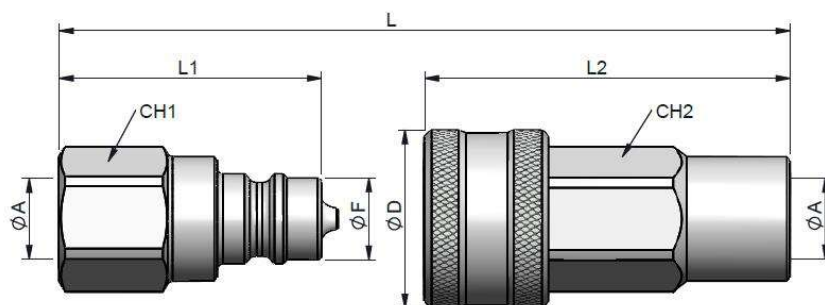




101 SERIES

ISO-A CARBON STEEL

(S) 6 - 1/4"



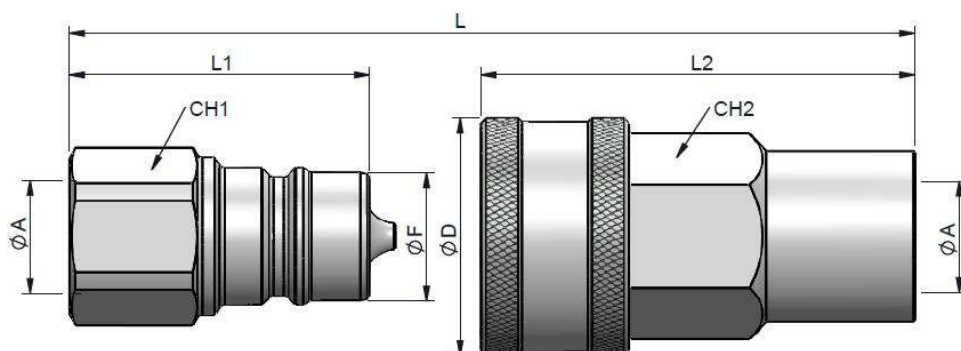
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	101.11111AB		350	19	12	76
	1/4" NPTF	101.11111BB					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	101.12111AB		350	19	53	26
	1/4" NPTF	101.12111BB					

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	101.11112AC		300	22	40.5	17
	3/8" NPTF	101.11112BC					
	3/8" BSPT	101.11112DC					
	9/16" 18h UNF (ORB)	101.11112GC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	101.12112AC		300	24	58.50	32
	3/8" NPTF	101.12112BC					
	3/8" BSPT	101.12112DC					
	9/16" 18h UNF (ORB)	101.12112GC					

L= Total length when Male and Female are connected.

101-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

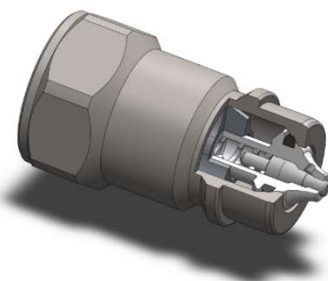
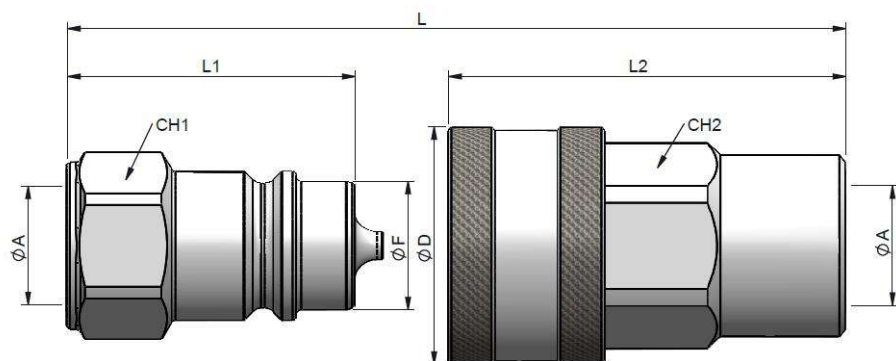




101 SERIES

ISO-A CARBON STEEL

(S) 13 - 1/2"



C.U.R.P. System available
Allows connection under
residual pressure.

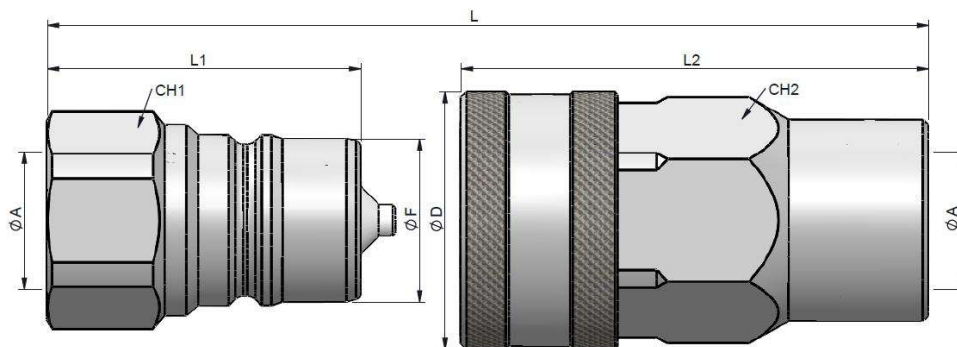
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.11113AD	300	27/30	46	20.50	87.50
	1/2" NPTF	101.11113BD					
	M22X1.5	101.11113NG		27/30			
	3/4"-16h UNF (ORB)	101.11113GF		27/30			
	7/8"-14h UNF (ORB)	101.11113GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	101.12113AD	300	30	63.50	38	87.50
	1/2" NPTF	101.12113BD					
	M22X1.5	101.12113NG					
	3/4"-16h UNF (ORB)	101.12113GF					
	7/8"-14h UNF (ORB)	101.12113GH					

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	101.11114AE	250	36	56	29	112
	3/4" NPTF	101.11114BE					
	1 1/16"-12h UN (ORB)	101.11114GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
20	3/4" BSP	101.12114AE	250	38	83.5	46	112
	3/4" NPTF	101.12114BE					
	1 1/16"-12h UN (ORB)	101.12114GK					

L= Total length when Male and Female are connected.

101-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

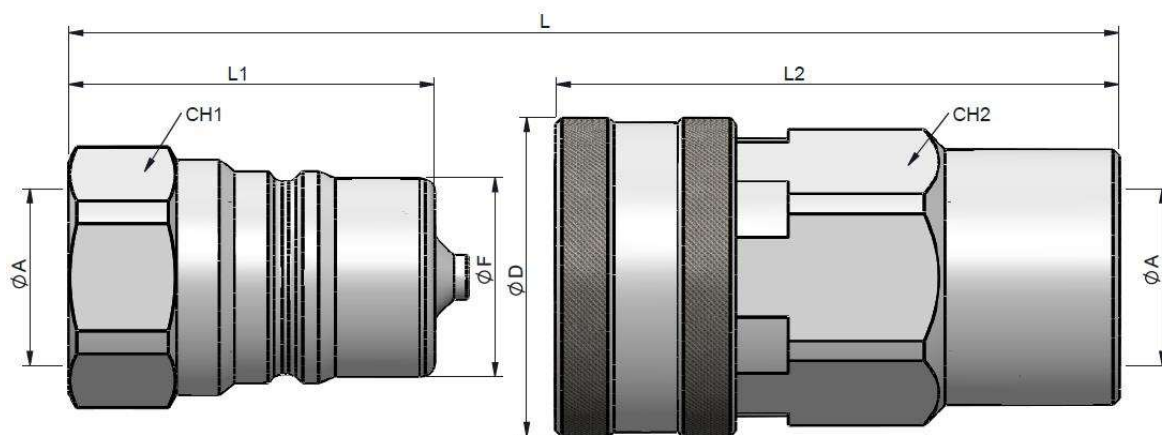




101 SERIES

ISO-A CARBON STEEL

(S) 25 - 1"



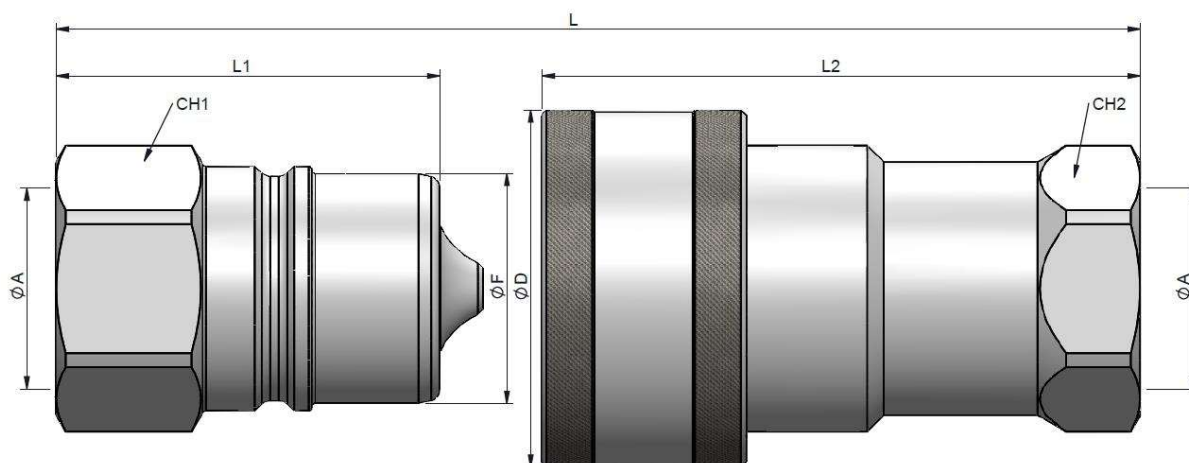
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	101.11115AF		41	63	34	126
	1" NPTF	101.11115BF					
	1 5/16"-12h UN (ORB)	101.11115GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	101.12115AF		46	97	55	126
	1" NPTF	101.12115BF					
	1 5/16"-12h UN (ORB)	101.12115GO					

(S) 32 - 1 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
32	1 1/4" BSP	101.11116AG		50	75	45	150
	1 1/4" NPTF	101.11116BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
32	1 1/4" BSP	101.12116AG		50	117	70	150
	1 1/4" NPTF	101.12116BG					

L= Total length when Male and Female are connected.

101-4

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

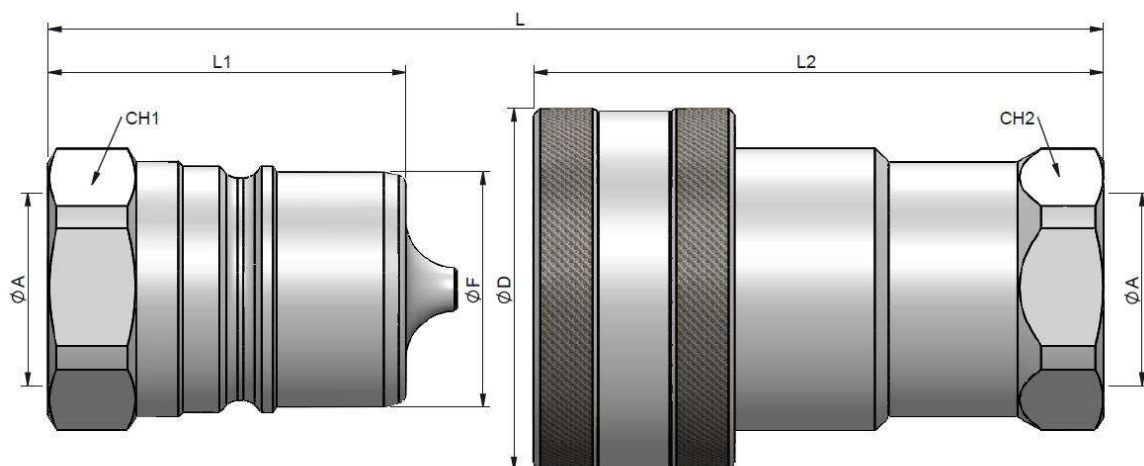




101 SERIES

ISO-A CARBON STEEL

(S) 40 - 1 1/2"



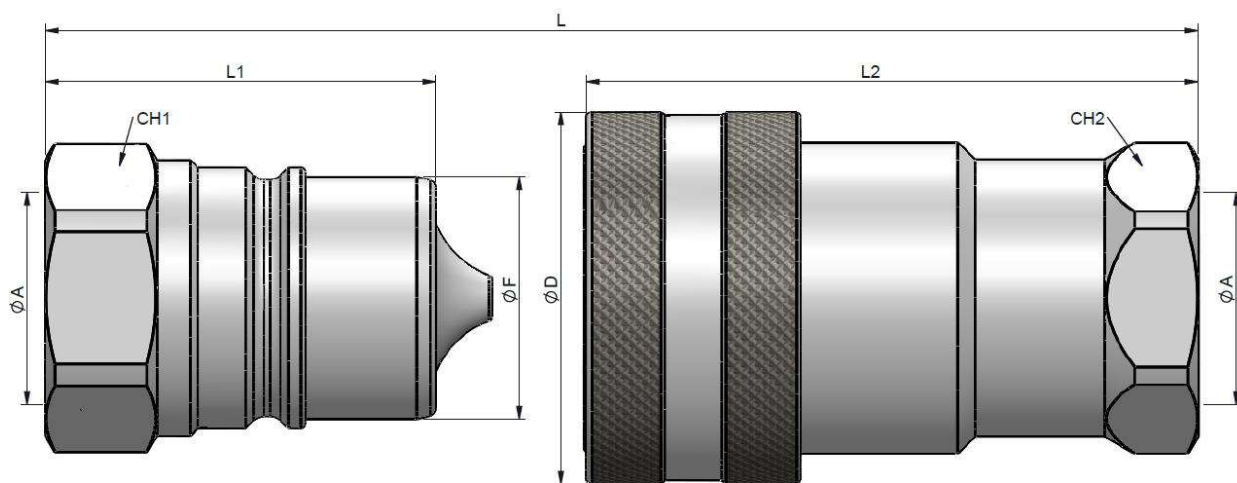
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
40	1 1/2" BSP	101.11117AH	200	60	83.5	55	167
	1 1/2" NPTF	101.11117BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
40	1 1/2" BSP	101.12117AH	200	60	133	84.50	167
	1 1/2" NPTF	101.12117BH					

(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	101.11118AI	130	75	105	65	210
	2" NPTF	101.11118BI					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
50	2" BSP	101.12118AI	130	75	165	100	210
	2" NPTF	101.12118BI					

L= Total length when Male and Female are connected.

101-5

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





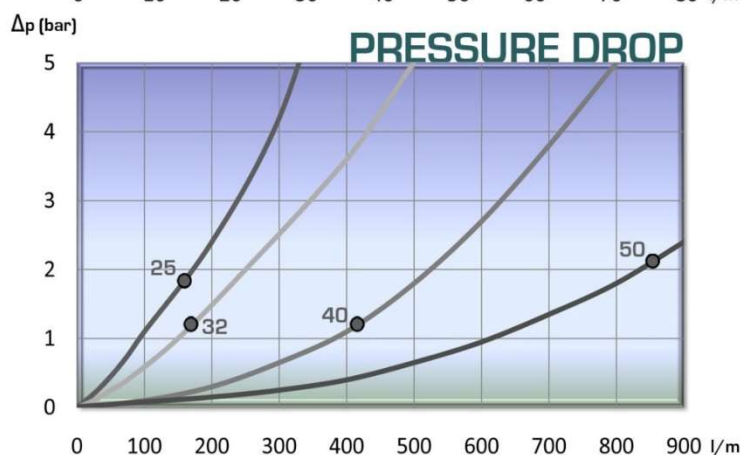
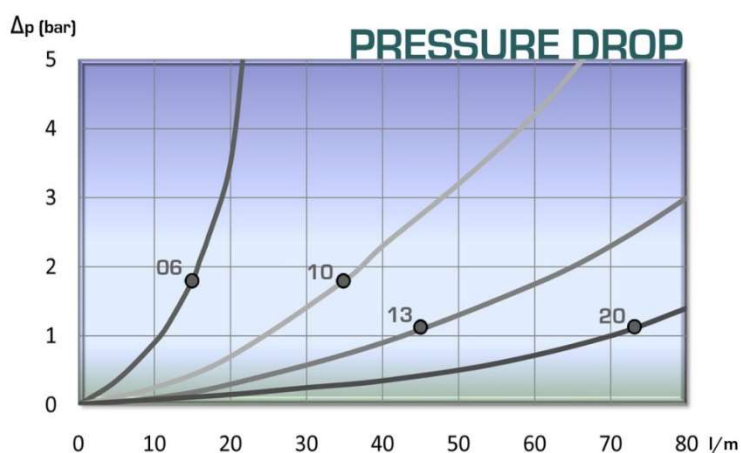
101 SERIES

ISO-A CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
6	15 l/min	1650	1800	1400	350
10	35 l/min	1250	1350	1200	300
13	45 l/min	1200	1300	1200	300
20	74 l/min	1030	1200	1000	250
25	100 l/min	950	980	920	230
32	118 l/min	800	950	920	230
40	410 l/min	750	850	800	200
50	860 l/min	620	650	520	130

Test performed according to ISO 18869





101 SERIES

ISO-A

STAINLESS STEEL
BRASS

Manufactured according to ISO 7241-A
(Size 1/2" according to ISO 5675 requirements)

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 280 Bar	
Materials:	Body:	SS303 / SS316 / BRASS
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015/SS316
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or Ball	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/4" a 2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange: FASTER ANV - AEROQUIP FD56
 PARKER 6600 - SNAP-TITE 61

*Others upon request.

MODEL STRUCTURE

Example:

101.21123 AD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
101.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	1/4"
	2 SS316	2 Female	1 Poppet	1 NBR	2 10	3/8"
	3 SS303		2 Ball	2 VITON	3 13	1/2"
	4 Brass			3 EPDM	4 20	3/4"
					5 25	1"
					6 32	1 1/4"
					7 40	1 1/2"
					8 50	2"

101-7

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

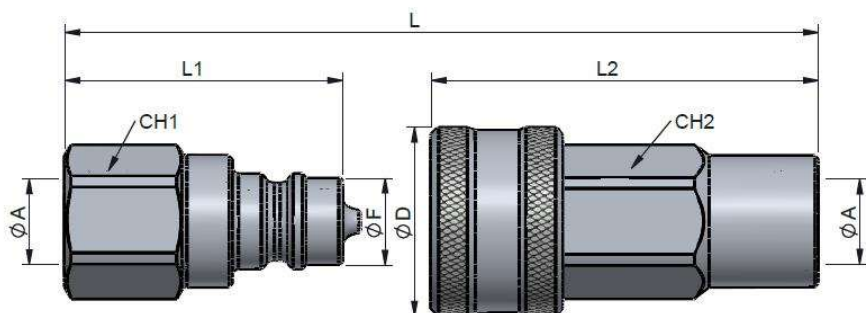




101 SERIES

ISO-A SS316

(S) 6 - 1/4"



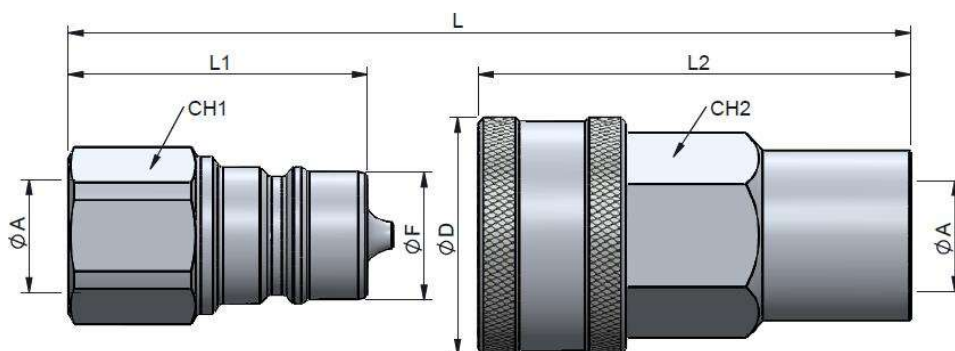
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	101.21121AB		19	38	12	76
	1/4" NPTF	101.21121BB					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	101.22121AB		19	53	26	76
	1/4" NPTF	101.22121BB					

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	101.21122AC		22	40.5	17	81
	3/8" NPTF	101.21122BC					
	3/8" BSPT	101.21122DC					
	9/16"-18h UNF (ORB)	101.21122GC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	101.22122AC		24	58.50	32	81
	3/8" NPTF	101.22122BC					
	3/8" BSPT	101.22122DC					
	9/16"-18h UNF (ORB)	101.22122GC					

L= Total length when Male and Female are connected.

101-8

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

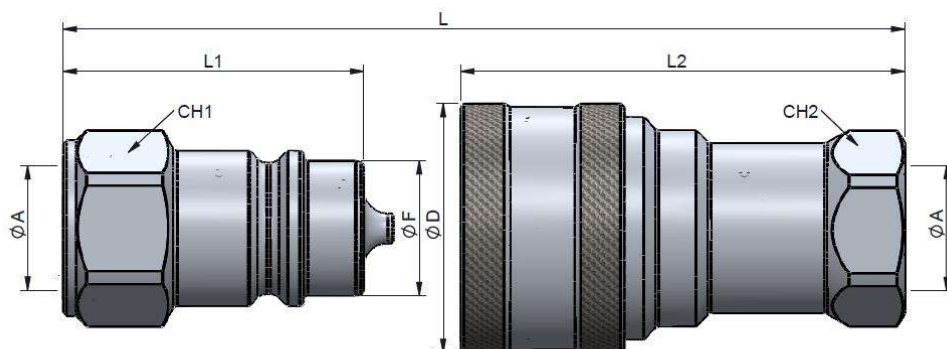




101 SERIES

ISO-A SS316

(S) 13 - 1/2"



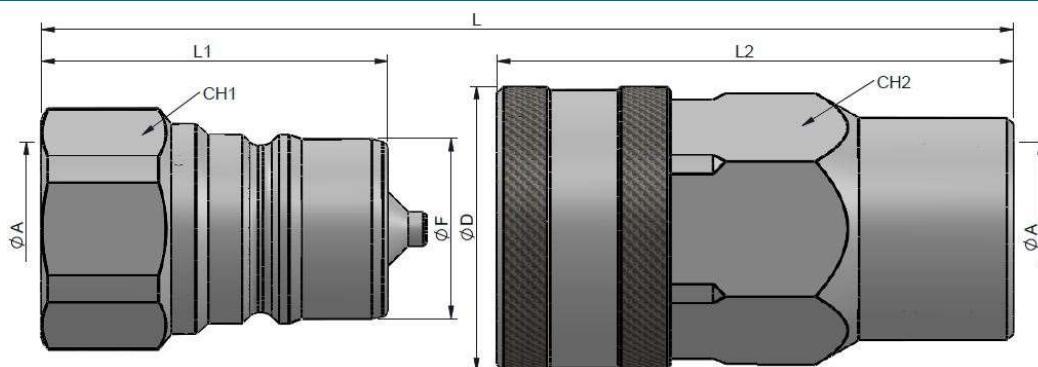
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.21123AD		27/30	46	20.50	87.50
	1/2" NPTF	101.21123BD					
	M22X1.5	101.21123NG		27/30			
	3/4"-16h UNF (ORB)	101.21123GF		27/30			
	7/8"-14h UNF (ORB)	101.21123GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	101.22123AD		30	63.50	38	87.50
	1/2" NPTF	101.22123BD					
	M22X1.5	101.22123NG					
	3/4"-16h UNF (ORB)	101.22123GF					
	7/8"-14h UNF (ORB)	101.22123GH					

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	101.21124AE		36	56	29	112
	3/4" NPTF	101.21124BE					
	1 1/16"- 12h UN (ORB)	101.21124GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
20	3/4" BSP	101.22124AE		38	83.5	46	112
	3/4" NPTF	101.22124BE					
	1 1/16"- 12h UN (ORB)	101.22124GK					

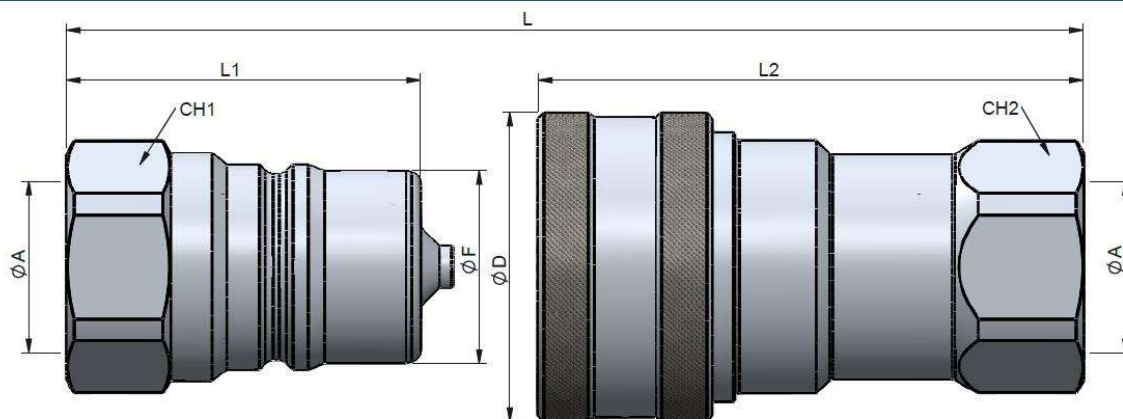
L= Total length when Male and Female are connected.



101 SERIES

ISO-A SS316

(S) 25 - 1"



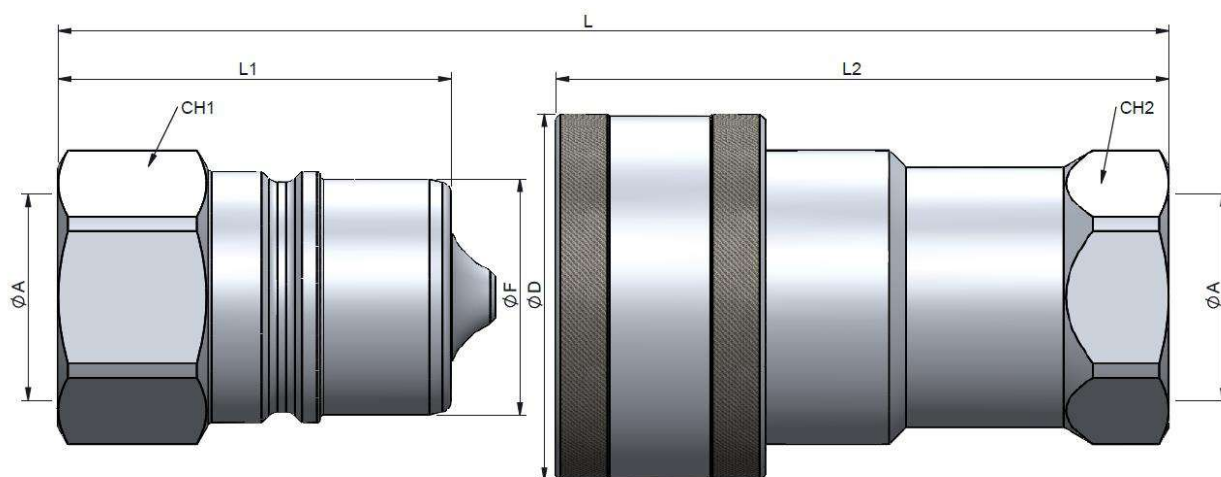
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	101.21125AF		41	63	34	126
	1" NPTF	101.21125BF					
	1 5/16"-12h UN (ORB)	101.21125GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	101.22125AF		46	97	55	126
	1" NPTF	101.22125BF					
	1 5/16"-12h UN (ORB)	101.22125GO					

(S) 32 - 1 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
32	1 1/4" BSP	101.21126AG		50	75	45	150
	1 1/4" NPTF	101.21126BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
32	1 1/4" BSP	101.22126AG		50	117	70	150
	1 1/4" NPTF	101.22126BG					

L= Total length when Male and Female are connected.

101-10

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

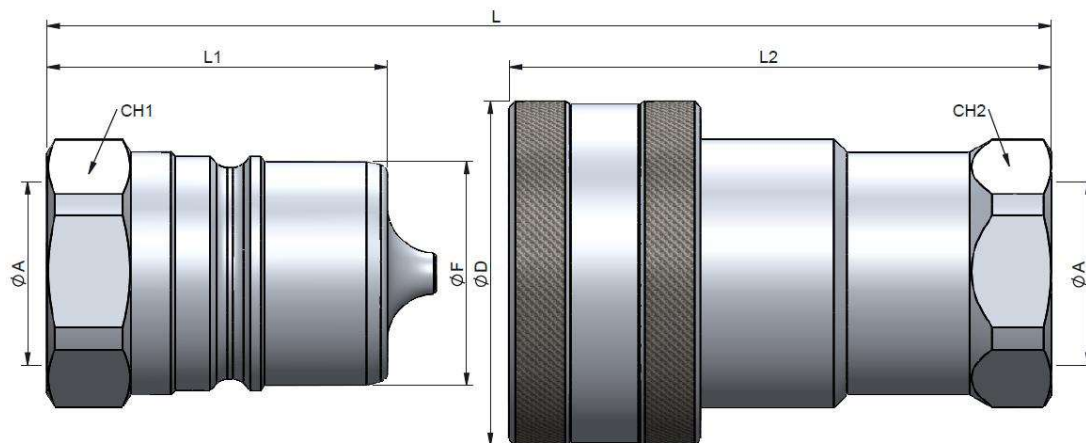






101 SERIES

ISO-A SS316



(S) 40 - 1 1/2"



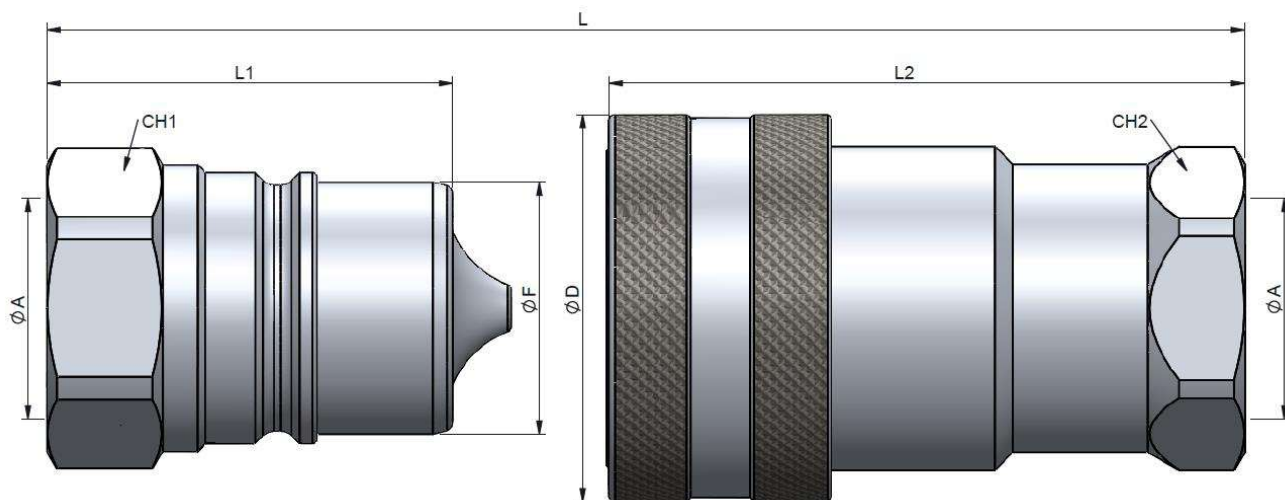
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
40	1 1/2" BSP	101.21127AH		60	83	55	167
	1 1/2" NPTF	101.21127BH					



STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
40	1 1/2" BSP	101.22127AH		60	133	84.50	167
	1 1/2" NPTF	101.22127BH					



(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	101.21128AI		75	105	65	210
	2" NPTF	101.21128BI					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
50	2" BSP	101.22128AI		75	165	100	210
	2" NPTF	101.22128BI					

L= Total length when Male and Female are connected.

101-11

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101 SERIES

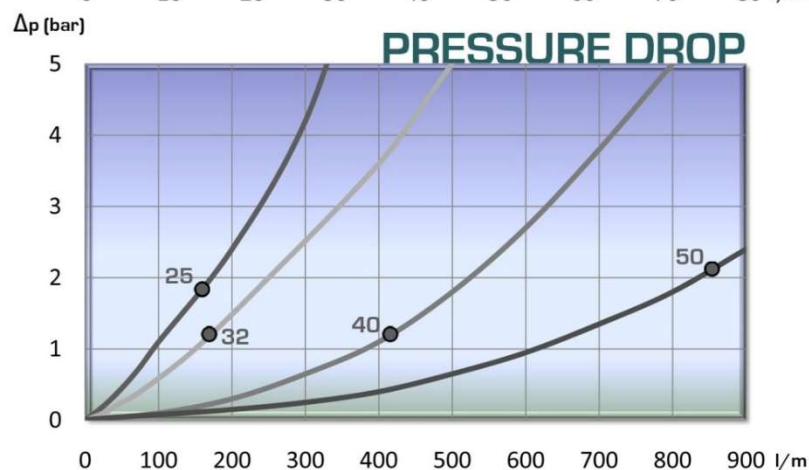
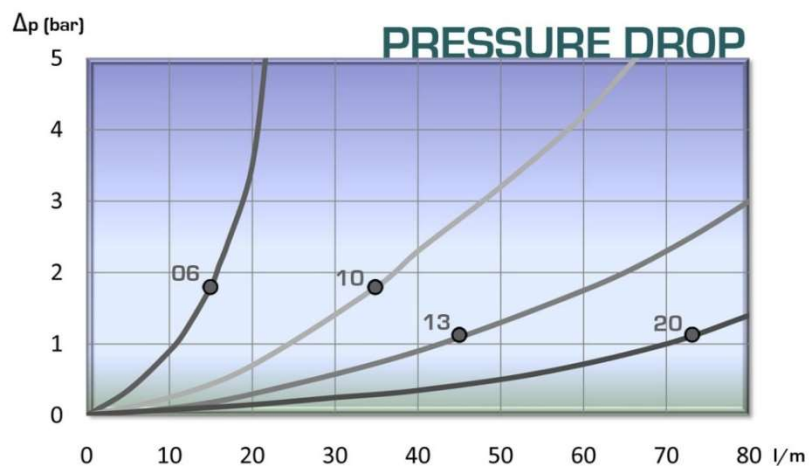
ISO-A SS316

INTEVA

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
6	15 l/min	1150	1200	1250	280
10	35 l/min	16.30	1075	1200	260
13	45 l/min	1050	1150	1200	260
20	74 l/min	855	875	900	210
25	100 l/min	850	875	900	210
32	118 l/min	500	500	650	140
40	410 l/min	480	500	600	120
50	860 l/min	405	415	550	100

Test performed according to ISO 18869



101-12

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101 SERIES ISO-A

PLUGS
& CAPS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-A norm (Size 13 - ISO 5675)

MODEL STRUCTURE / DIMENSIONS

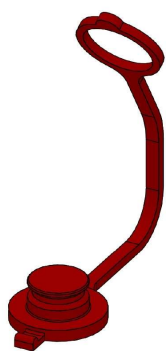
Example:

101.5313 AA

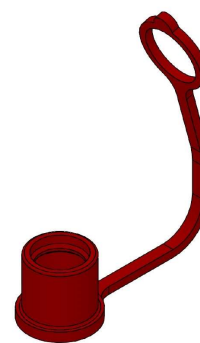
Series	Material	Part	Color	Size (S)	Type
101.	5 Plastic	3 Plug	0 Plain Metal	1 6	AA
	6 Aluminum	4 Cap	1 Red	2 10	
		5 Parking	2 Blue	3 13	
			3 Yellow	4 20	
			4 Green	5 25	
			5 Black		
			6 White		

* Other materials on request.

(S) 6 – (S) 25 – PLASTIC



PLUG (COUPLER)



CAP (NIPPLE)

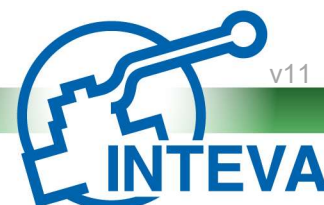
(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	101.5311AA	*	*	*	*	*
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*
20	101.5314AA	*	*	*	*	*
25	101.5315AA	*	*	*	*	*

* Not available. Only (S) 13 - 1/2" on minimum request.

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	101.5411AA	*	*	*	*	*
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*
20	101.5414AA	*	*	*	*	*
25	101.5415AA	*	*	*	*	*

101-13

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v11

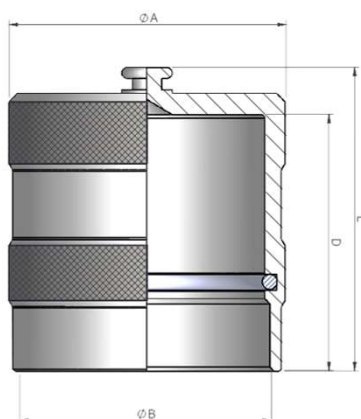


101 SERIES

ISO-A CAPS, PLUGS & PARKINGS

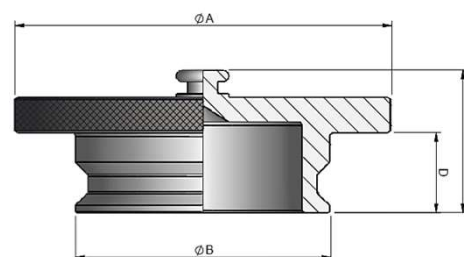
Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-A norm.

(S) 32 – (S) 50 – ALUMINUM



CAP (NIPPLE)

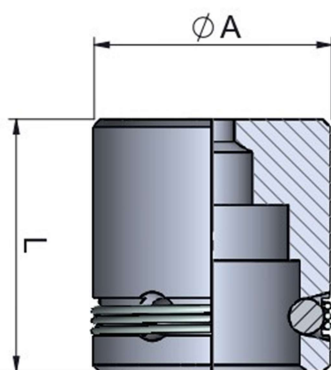
(S)	ØA	REF.	ØB	L	D
32	59	101.6406AA	48	66	55
40	64.8	101.6407AA	57.8	71	60
50	80	101.6408AA	70.2	80	75



PLUG (COUPLER)

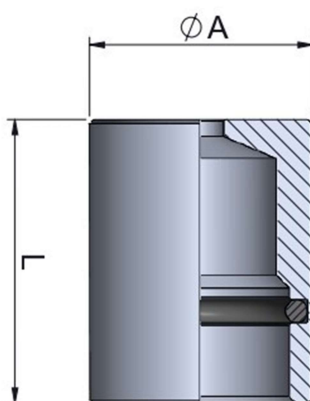
(S)	ØA	REF.	ØB	L	D
32	69.5	101.6306AA	47.7	30	16
40	84.8	101.6307AA	57.5	32	18
50	100	101.6308AA	69.8	33	25

(S) 13 – CARBON STEEL



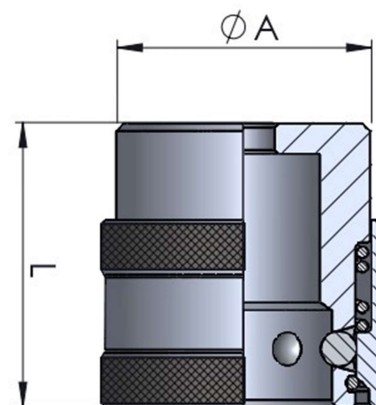
PARKING 3B

(S)	ØA	REF.	L
13	32	101.1533AA	34



PARKING 1T

(S)	ØA	REF.	L
13	30	101.1533AC	38



PARKING 6B

(S)	ØA	REF.	L
13	34	101.1533AA	38



102 SERIES

ISO-A MULTI-THREADS

Manufactured according to ISO 7241-A
(Size 13 - 1/2" according to ISO 5675 requirements)

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926) ISO 9974 (DIN 3852) / DIN 2353 (ISO 8434-1)*	
Closing System:	Poppet Valve or Ball / C.U.R.P.**	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version**	

Available Size: 1/4" a 1"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER ANV - AEROQUIP FD56
PARKER 6600 - SNAP-TITE 61

*Others upon request.

MODEL STRUCTURE

Example:

102.11112 JE

Series	Material	Part	Closing	O-rings	Size (S)	Thread
102.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	1/4"
		2 Female	1 Poppet	1 NBR	2 10	3/8"
			2 Ball	2 VITON	3 13	1/2"
			3 C.U.R.P.*	3 EPDM	4 20	3/4"
					5 25	1"

** (S) 13 - 1/2" available only.

102-1

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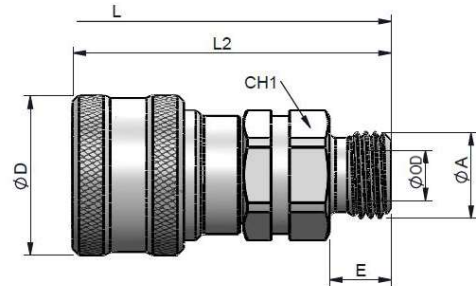
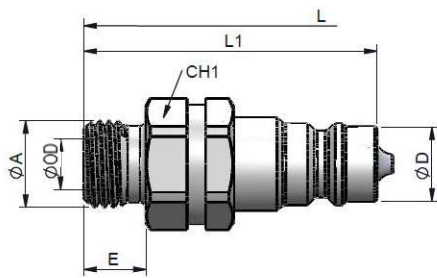




102 SERIES ISO-A

MULTI-THREADS
MALE THREAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 06 - 1/4"

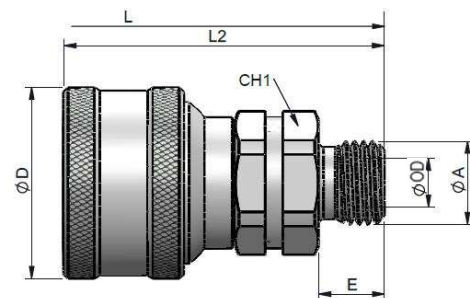
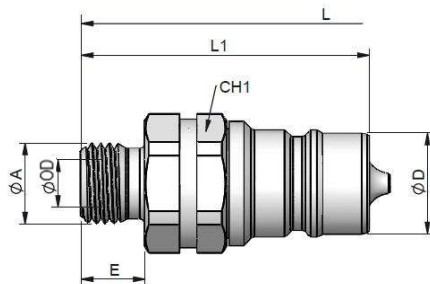


STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	L1	ØD	E	REF.		CH1	L2	ØD	E
6	M12x1.5	LIGHT	6L	-	102.11111JB		350	19	*	26	12	350	19	*	26	12
	M14x1.5		8L		102.11111JC											

(S) 10 - 3/8"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	L1	ØD	E	REF.		CH1	L2	ØD	E
10	3/8" BSP	LIGHT	*	-	102.11112AN		300	22	*	17.25	12	300	22	*	32	12
	M14x1.5		8L		102.11112JC											
	M16x1.5		10L		102.11112JD											
	M18x1.5		12L		102.11112JE											
	M16x1.5	HEAVY	8S		102.11112KD											
	M18x1.5		10S		102.11112KE											
	M20x1.5		12S		102.11112KF											

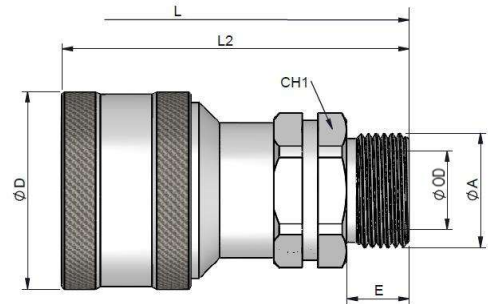
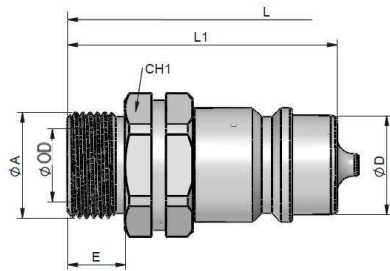


102 SERIES



ISO-A

MULTI-THREADS
MALE THREAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 13 - 1/2"

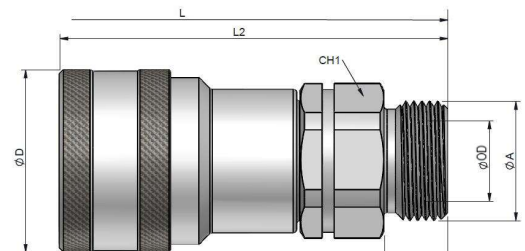
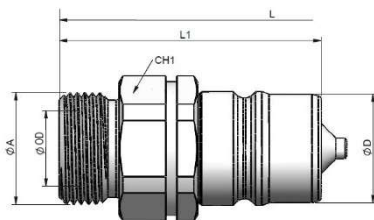


STANDARD MALE MODELS



(S)	ØA	OD		L	REF.		CH1	L1	ØD	E	REF.		CH1	L2	ØD	E		
13	M14x1.5	LIGHT	8L	-	102.11113JC		300	*	20.56	12	102.12113JC		300	27	*	38	12	
	M16x1.5		10L		102.11113JD													
	M18x1.5		12L		102.11113JE													
	M22x1.5		15L		102.11113JG													
	M26x1.5		18L		102.11113JI													
	M18x1.5	HEAVY	10S		102.11113KE						102.12113JI							102.12113KE
	M20x1.5		12S		102.11113KF						102.12113KF							
	M22x1.5		14S		102.11113KG						102.12113KG							
	M24x1.5		16S		102.11113KH						102.12113KH							

STANDARD FEMALE MODELS

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	OD		L	REF.		CH1	L1	ØD	E	REF.		CH1	L2	ØD	E				
20	M18x1.5	LIGHT	12L	-	102.11114JE	250	36	*	29	12	102.12114JE	250	36	*	46	12				
	M22x1.5		15L		102.11114JG						102.12114JG						18	102.12114JJ	102.12114KH	12
	M26x1.5		18L		102.11114JI						102.12114KJ							16	102.12114KJ	16
	M30x2.0		22L		102.11114JJ						102.12114KH							12	102.12114KH	12
	M24x1.5	HEAVY	16S		102.11114KH											12				
	M30x2.0		20S		102.11114KJ											16				

STANDARD FEMALE MODELS

102-3

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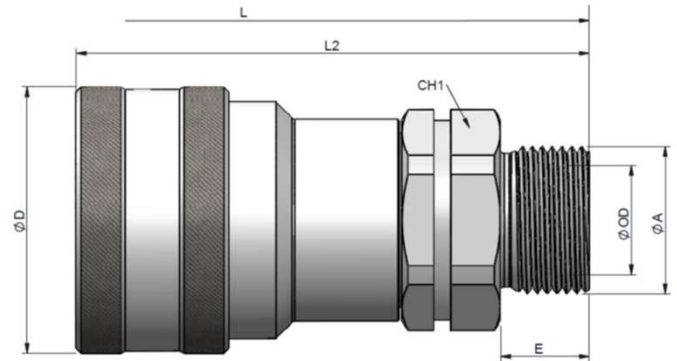
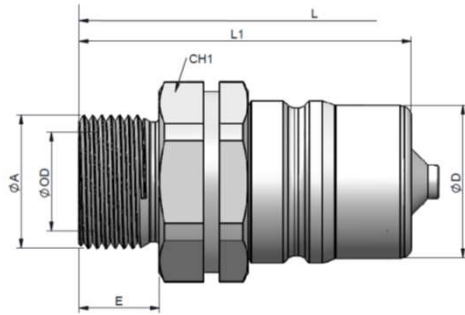


102 SERIES

ISO-A



MULTI-THREADS
MALE THREAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 25 - 1"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	L1	ØD	E	REF.		CH1	L2	ØD	E
20	M26x1.5	LIGHT	18L	-	102.11115JI	230	41	*	34.3	12	102.12115JI	230	41	*	55	12
	M30x2		22L		102.11115JJ					18	102.12115JJ					18
	M36x2		28L		102.11115JK						102.12115JK					
	M45x2		35L		102.11115JM					102.12115JM	16					
	M30x2	HEAVY	20S		102.11115KJ		46			18	102.12115KJ	230	41	*	55	18
	M36x2		25S		102.11115KK						102.12115KK					
	M42x2		30S		102.11115KL						102.12115KL					
	M52x2		38S		102.11115KN					55	20		102.12115KN			55	20

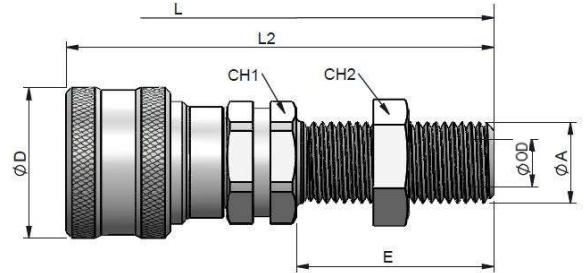
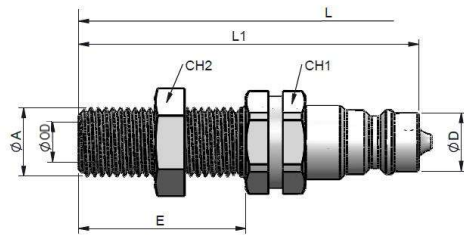


102 SERIES

ISO-A

MULTI-THREADS
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 06 - 1/4"

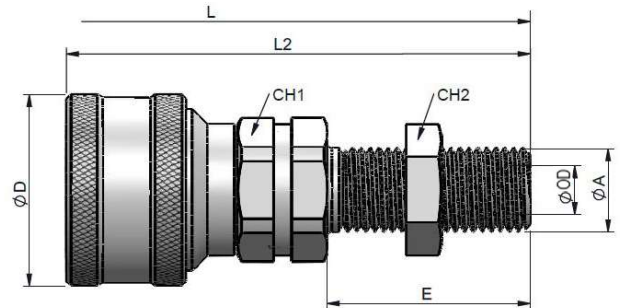
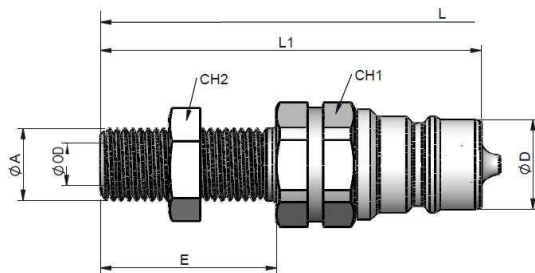


STANDARD MALE MODELS



(S)	ØA	OD	L	REF.		CH1	CH2	L1	ØD	E	REF.		CH1	CH2	L2	ØD	E
6	M12x1.5	LIGHT 6L	8L	102.11111LB	350	19	19	*	11.8	25	102.12111LB	350	19	19	*	11.8	25
	M14x1.5			102.11111LC						34	102.12111LC						34

STANDARD FEMALE MODELS

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	OD		L	REF.		CH1	CH2	L1	ØD	E	REF.		CH1	CH2	L2	ØD	E
10	M14x1.5	LIGHT	8L	-	102.11112LC	300	22	19	*	17.25	34	102.12112LC	300	22	19	*	17.25	34
	M16x1.5		10L		102.11112LD			26			102.12112LD	26						
	M18x1.5		12L		102.11112LE			27			102.12112LE	27						
	M16x1.5	HEAVY	8S		102.11112MD			27			102.12112MD	22			27			
	M18x1.5		10S		102.11112ME						102.12112ME							
	M20x1.5		12S		102.11112MF						102.12112MF							

STANDARD FEMALE MODELS

102-5

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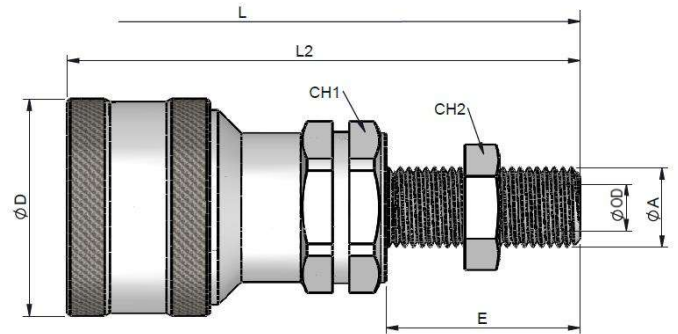
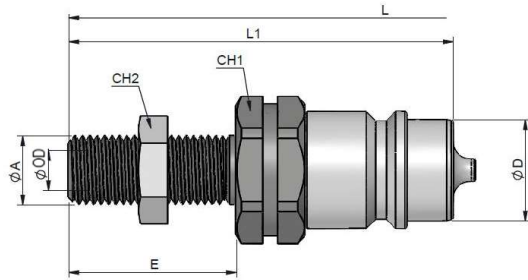




102 SERIES ISO-A

MULTI-THREADS
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 13 - 1/2"

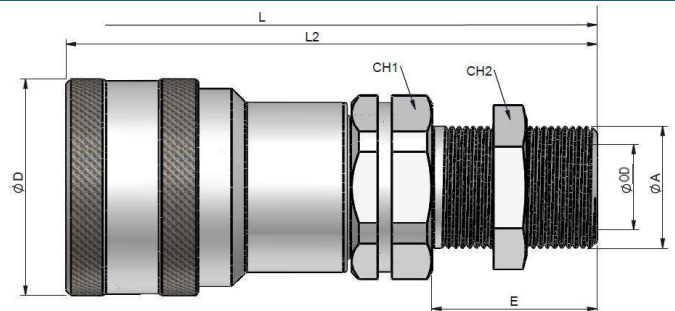
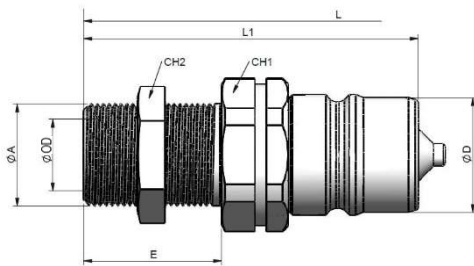


STANDARD MALE MODELS

(S)	ØA	OD	L	REF.		CH1	CH2	L1	ØD	E	REF.		CH1	CH2	L2	ØD	E
13	M14x1.5	8L	-	102.11113LC		300	27	*	20.56	34	102.12113LC		300	27	19	20.56	34
	M16x1.5	10L		102.11113LD						35	102.12113LD				22		35
	M18x1.5	12L		102.11113LE						24	102.12113LE				24		24
	M22x1.5	15L		102.11113LG						27	102.12113LG				27		33
	M26x1.5	18L		102.11113LI						33	102.12113LI				30		
	M18x1.5	10S	-	102.11113ME						24	102.12113ME				24		24
	M20x1.5	12S		102.11113MF						22	102.12113MF				22		35
	M22x1.5	14S		102.11113MG						27	102.12113MG				27		
	M24x1.5	16S		102.11113MH						30	102.12113MH				30		

STANDARD FEMALE MODELS

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	OD	L	REF.		CH1	CH2	L1	ØD	E	REF.		CH1	CH2	L2	ØD	E
20	M18x1.5	12L	-	102.11114LE		250	36	*	29	26	102.12114LE		250	36	24	29	26
	M22x1.5	15L		102.11114LG						33	102.12114LG				27		33
	M26x1.5	18L		102.11114LI						34	102.12114LI				30		
	M30x2.0	22L		102.11114LJ						36	102.12114LJ				36		34
	M24x1.5	16S	-	102.11114MH						29	102.12114MH				30		29
	M30x2.0	20S		102.11114MJ						36	102.12114MJ				36		36

STANDARD FEMALE MODELS

102-6

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



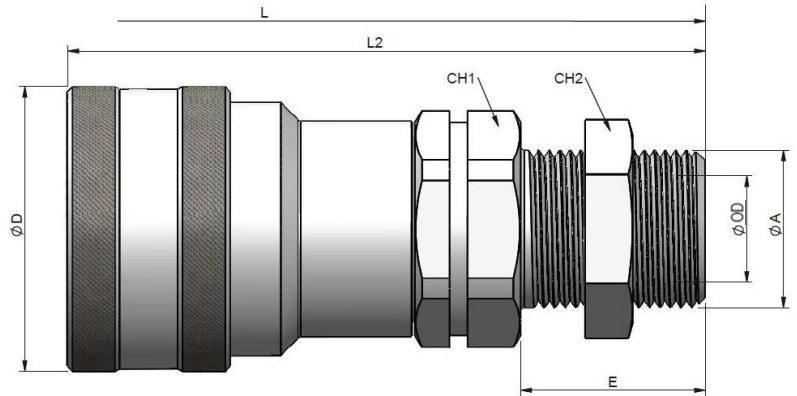
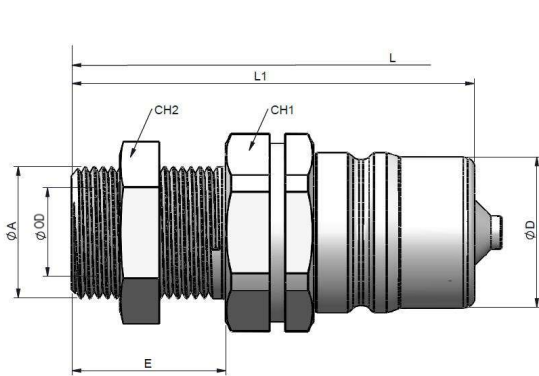
v11



102 SERIES ISO-A

MULTI-THREADS
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 25 - 1"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD	L	REF.		CH1	CH2	L1	ØD	E	REF.		CH1	CH2	L2	ØD	E
25	M30x2	LIGHT	22L	102.11115LJ	230	41	36	*	34.3	34	102.12115LJ	230	41	36	*	34.3	34
	M36x2		28L	102.11115LK			41				102.12115LK			41			
	M45x2		35L	102.11115LM			55			36	102.12115LM			55			36
	M30x2	HEAVY	20S	102.11115MJ			36			35	102.12115MJ			36			35
	M36x2		25S	102.11115MK			41			38	102.12115MK			41			38
	M42x2		30S	102.11115ML			50			40	102.12115ML			50			40
	M52x2		38S	102.11115MN			65				102.12115MN			65			

102-7

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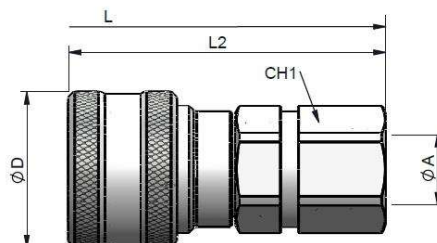
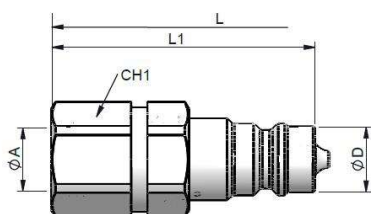




102 SERIES ISO-A

MULTI-THREADS - FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)
ISO 9974 (DIN 3852)

(S) 06 - 1/4"

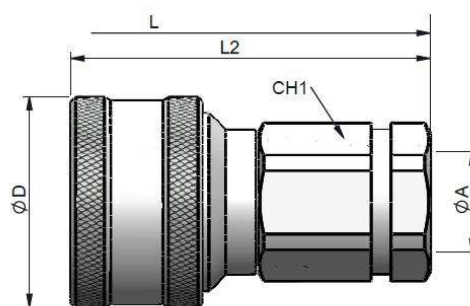
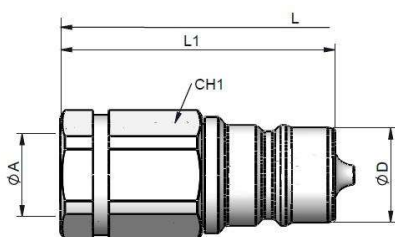


STANDARD MALE MODELS

(S)	ØA	L	REF.		CH1	L1	ØD	REF.		CH1	L2	ØD
6	1/4" BSP	-	102.11111AB		19	*	11.8	102.12111AB		19	*	26
	1/4" NPTF		102.11111BB					102.12111BB				
	M14x1.5		102.11111NC					102.12111NC				

STANDARD FEMALE MODELS

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	L	REF.		CH1	L1	ØD	REF.		CH1	L2	ØD
10	1/4" BSP	-	102.11112AB		22	-	17.25	102.12112AB		22	*	32
	3/8" BSP		102.11112AC					102.12112AC				
	3/8" NPTF		102.11112BC					102.12112BC				
	M16x1.5		102.11112ND					102.12112ND				

STANDARD FEMALE MODELS

102-8

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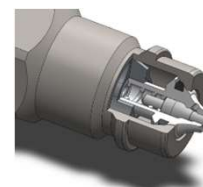
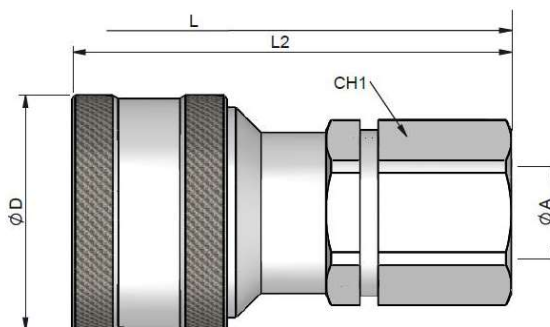
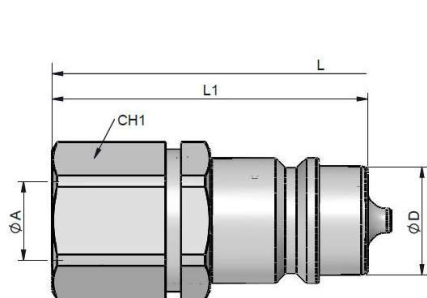




102 SERIES ISO-A

MULTI-THREADS - FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)
ISO 9974 (DIN 3852)





(S) 13 - 1/2"



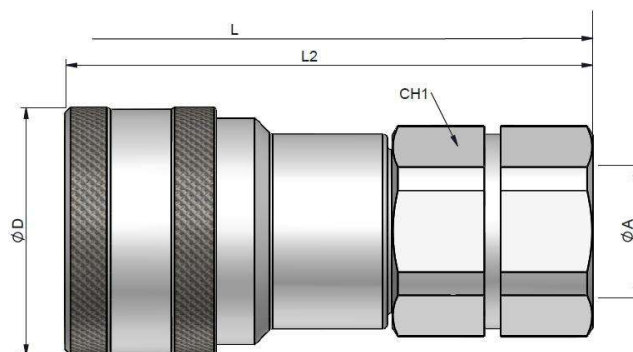
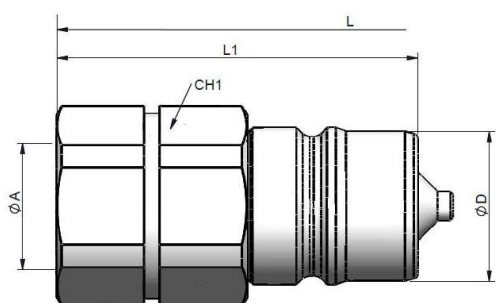
C.U.R.P. System available.
Allows connection under
residual pressure.

STANDARD MALE MODELS

STANDARD FEMALE MODELS





(S)	ØA	L	REF.		CH1	L1	ØD	REF.		CH1	L2	ØD
13	3/8" BSP	-	102.11113AC		27	*	20.56	102.12113AC		27	*	38
	1/2" BSP		102.11113AD					102.12113AD				
	1/2" NPTF		102.11113BD					102.12113BD				
	M18x1.5		102.11113NE					102.12113NE				
	M22x1.5		102.11113NG					102.12113NG				
	3/4"-16h UNF (ORB)		102.11113GF					102.12113GF				
	7/8"-14h UNF (ORB)		102.11113GH					102.12113GH				

(S) 20 - 3/4"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	L	REF.		CH1	L1	ØD	REF.		CH1	L2	ØD
20	3/4" BSP	-	102.11114AE		36	*	29	102.12114AE		26	*	46
	3/4" NPTF		102.11114BE					102.12114BE				
	M22x1.5		102.11114NG					102.12114NG				

102-9

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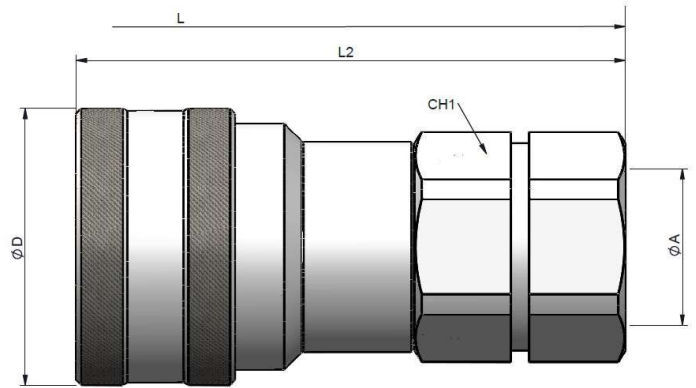
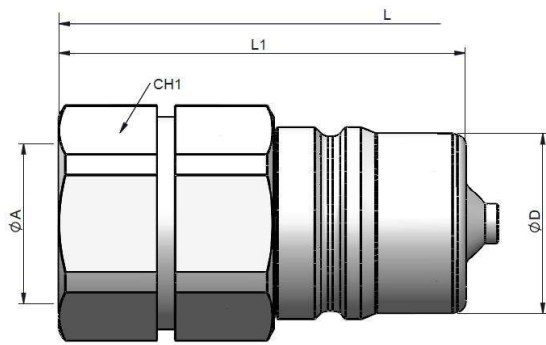
v11







102 SERIES ISO-A

MULTI-THREADS - FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)
ISO 9974 (DIN 3852)

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	L	REF.		CH1	L1	ØD	REF.		CH1	L2	ØD
25	3/4" BSP	-	102.11115AE		36	*	34.3	102.11115AE		41	*	55
	1" BSP		102.11115AF					102.11115AF				
	1" NPTF		102.11115BF					102.11115BF				

102-10

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103 SERIES ISO-B

CARBON STEEL
STAINLESS STEEL
BRASS

Manufactured according to ISO 7241-B norm

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 400 Bar	
Materials:	Body:	Carbon Steel EN 10277-3 SS316 / Brass
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-3/-1/SH
	Balls:	AISI 1010/1015 / 316
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or ball	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	
Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)	
Interchange:	FASTER H / PARKER 60 AEROQUIP FD45 / SNAP-TITE 72	

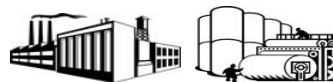
Available Size: 1/4" a 2"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors:

Carbon Steel → Industrial



Stainless Steel → Industrial / Chemical / Offshore



*Others upon request.

MODEL STRUCTURE

Example:

103.21122 BC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
103.	1 Carbon St.	1 Male	0 Without	0 Without	0 4	2 letters (see Table of Threads page 999-1)
	2 SS316	2 Female	1 Poppet	1 NBR	1 6	
	4 Brass		2 Ball	2 VITON	2 10	
				3 EPDM	3 13	
					4 20	
					5 25	
					7 40	
					8 50	

103-1

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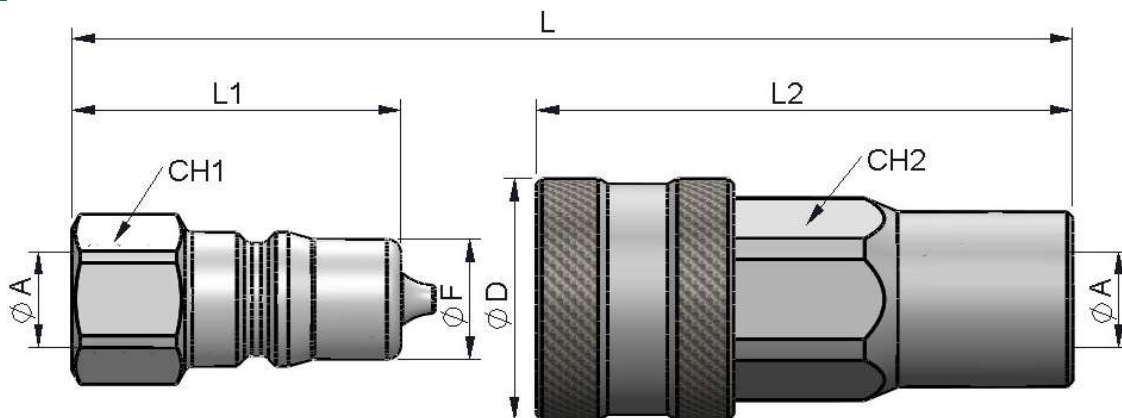




103 SERIES

ISO-B CARBON STEEL

(S) 04 - 1/8"



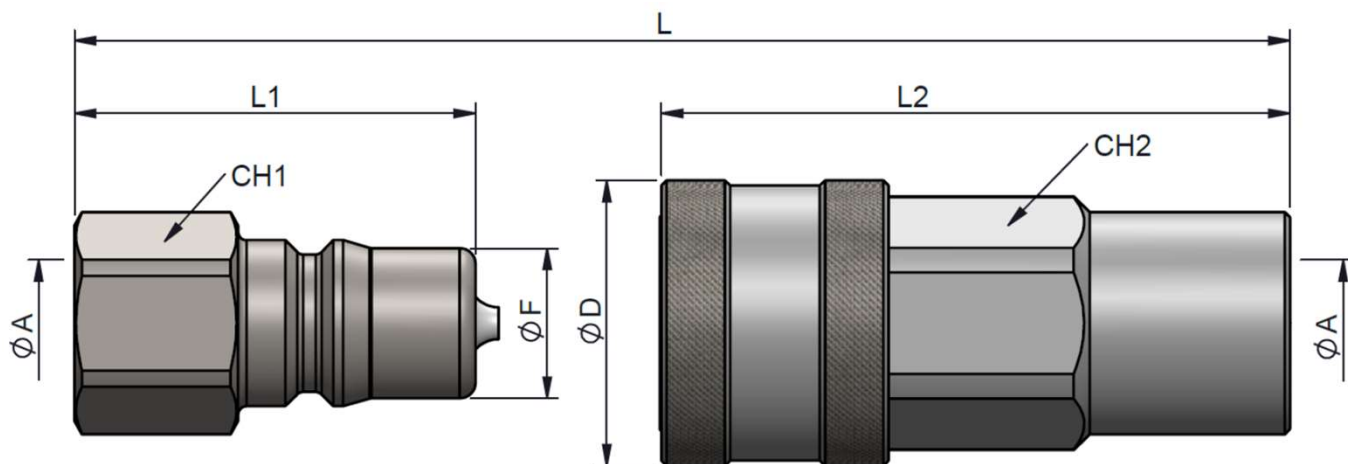
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
04	1/8" BSP	103.11110AA	400	14	30	10.90	60
	1/8" NPTF	103.11110BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
04	1/8" BSP	103.12110AA	400	19	49	22	60
	1/8" NPTF	103.12110BA					

(S) 06 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	103.11111AB	380	19	38	14.20	76
	1/4" NPTF	103.11111BB					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	103.12111AB	380	22	59.55	27	76
	1/4" NPTF	103.12111BB					

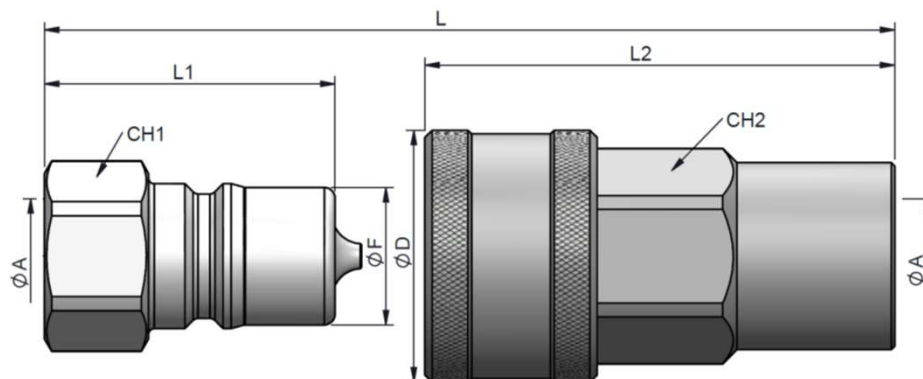
L= Total length when Male and Female are connected.



103 SERIES

ISO-B CARBON STEEL

(S) 10 - 3/8"



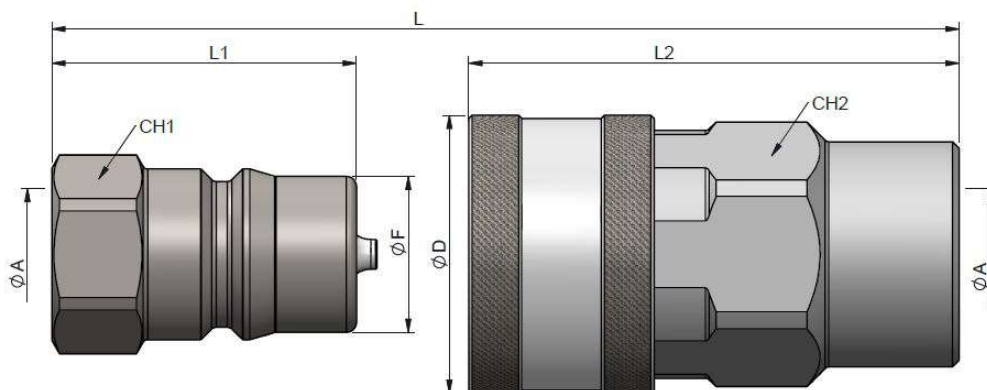
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	103.11112AC		24	40.50	19.10	81
	3/8" NPTF	103.11112BC					
	3/4"-16h UNF (ORB)	103.11112GF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	103.12112AC		27	65.50	35	81
	3/8" NPTF	103.12112BC					
	3/4"-16h UNF (ORB)	103.12112GF					

(S) 13 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	103.11113AD		27	46	23.55	92
	1/2" NPTF	103.11113BD					
	3/4"-16h UNF (ORB)	103.11113GF					
	7/8"-14h UNF (ORB)	103.11113GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	103.12113AD		36	74	42	92
	1/2" NPTF	103.12113BD					
	3/4"-16h UNF (ORB)	103.12113GF					
	7/8"-14h UNF (ORB)	103.12113GH					

L= Total length when Male and Female are connected.

103-3

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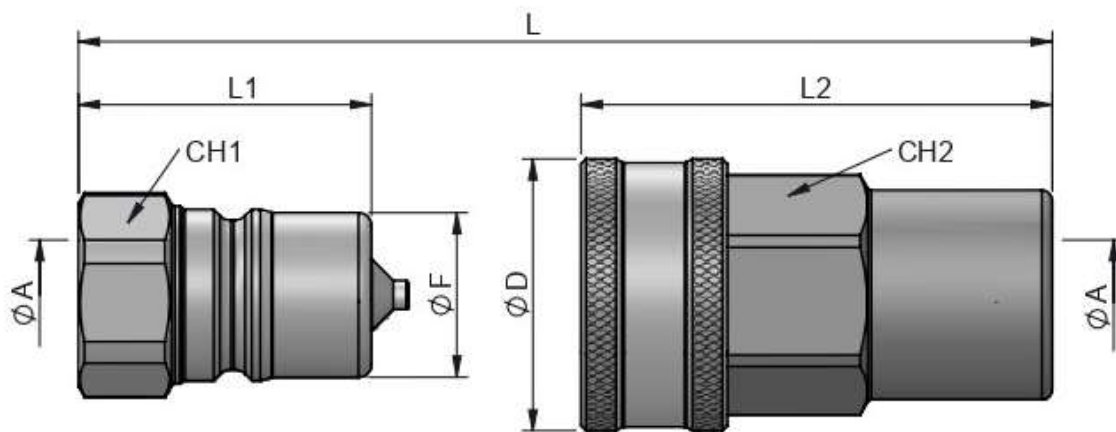




103 SERIES

ISO-B CARBON STEEL

(S) 20 - 3/4"



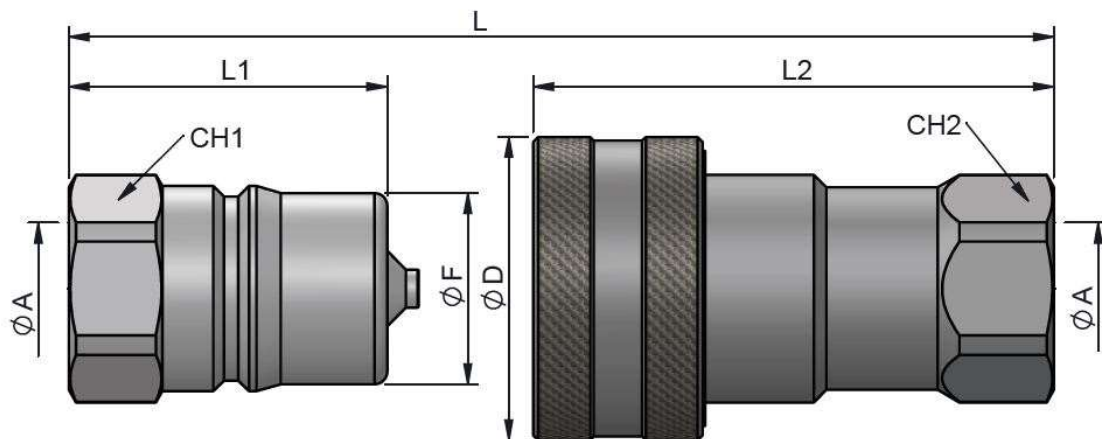
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	103.11114AE		300	36	56	31.45
	3/4" NPTF	103.11114BE					
	1 1/16"- 12h UN (ORB)	103.11114GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
20	3/4" BSP	103.12114AE		300	41	90	52
	3/4" NPTF	103.12114BE					
	1 1/16"- 12h UN (ORB)	103.12114GK					

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	103.11115AF		280	41	63	37.80
	1" NPTF	103.11115BF					
	1 5/16"-12h UN (ORB)	103.11115GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	103.12115AF		280	41	103	60
	1" NPTF	103.12115BF					
	1 5/16"-12h UN (ORB)	103.12115GO					

L= Total length when Male and Female are connected.

103-4

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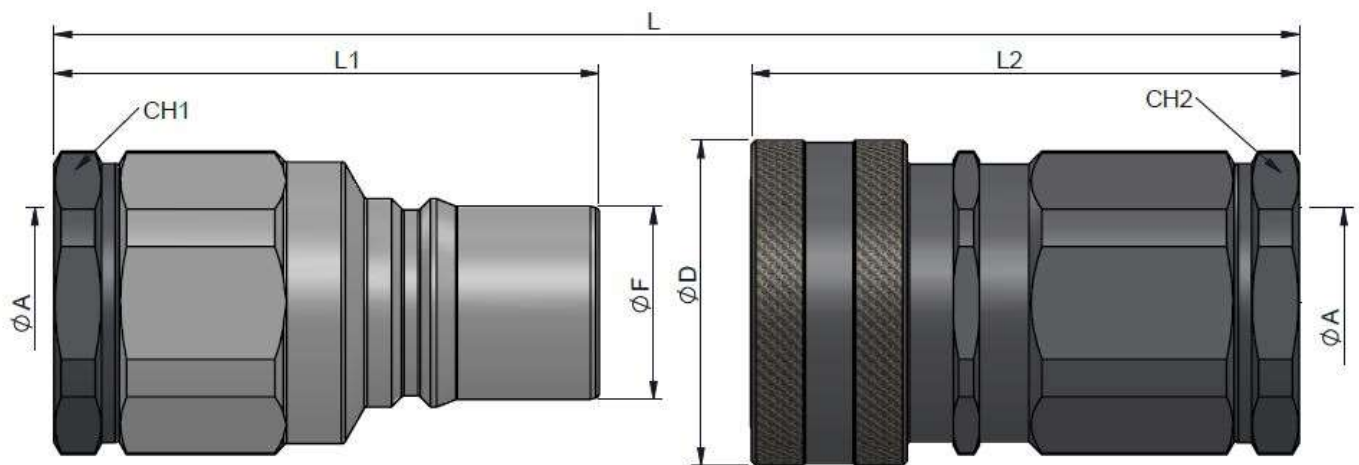
v11





103 SERIES

ISO-B CARBON STEEL



(S) 40 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
40	1 1/4" BSP	103.11117AG		65	126	44.50	252
	1 1/4" NPTF	103.11117BG					
	1 1/2" BSP	103.11117AH					
	1 1/2" NPTF	103.11117BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
40	1 1/4" BSP	103.12117AG		65	127	75	252
	1 1/4" NPTF	103.12117BG					
	1 1/2" BSP	103.12117AH					
	1 1/2" NPTF	103.12117BH					

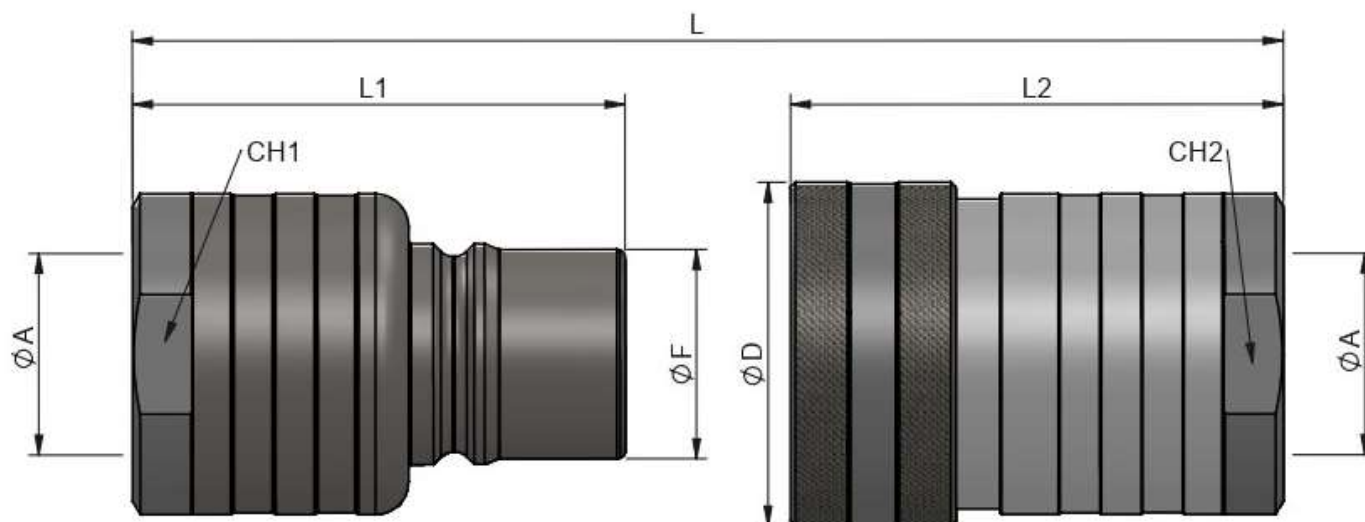
L= Total length when Male and Female are connected.



103 SERIES

ISO-B CARBON STEEL

(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	103.11118AI	100	90	149	63.27	262
	2" NPTF	103.11118BI		90			
	2 1/2" BSP	103.11118AJ		100			
	2 1/2" NPTF	103.11118BJ		100			
	3" BSP	103.11118AK		100			
	3" NPTF	103.11118BK		100			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
50	2" BSP	103.12118AI	100	90	149	104	262
	2" NPTF	103.12118BI		90			
	2 1/2" BSP	103.12118AJ		100			
	2 1/2" NPTF	103.12118BJ		100			
	3" BSP	103.12118AK		100			
	3" NPTF	103.12118BK		100			

L= Total length when Male and Female are connected.



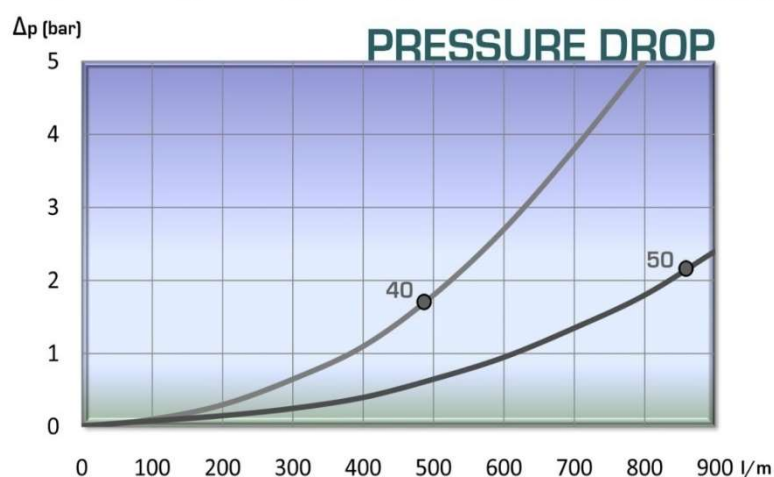
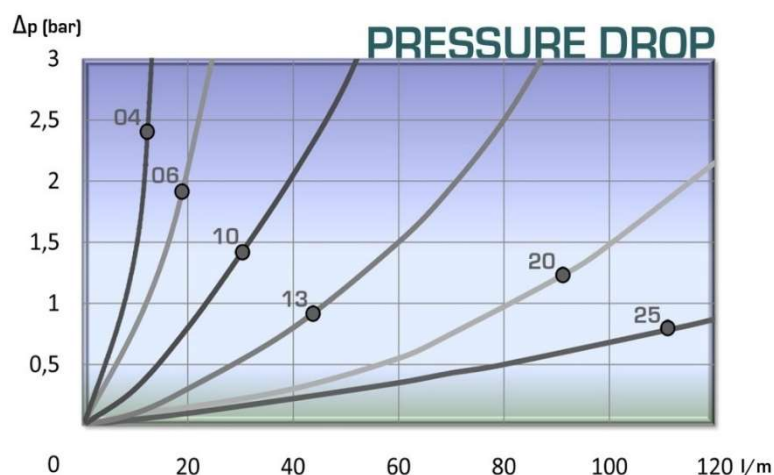
103 SERIES

ISO-B CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
04	7 l/m	1650	1750	1600	400
6	15 l/m	1650	1800	1520	380
10	35 l/m	1580	1580	1400	350
13	47 l/m	1310	1450	1280	320
20	93 l/m	1310	1380	1200	300
25	118 l/m	1200	1400	1120	280
40	480 l/m	550	560	560	140
50	890 l/m	370	410	400	100

Test performed according to ISO 18869



103-7

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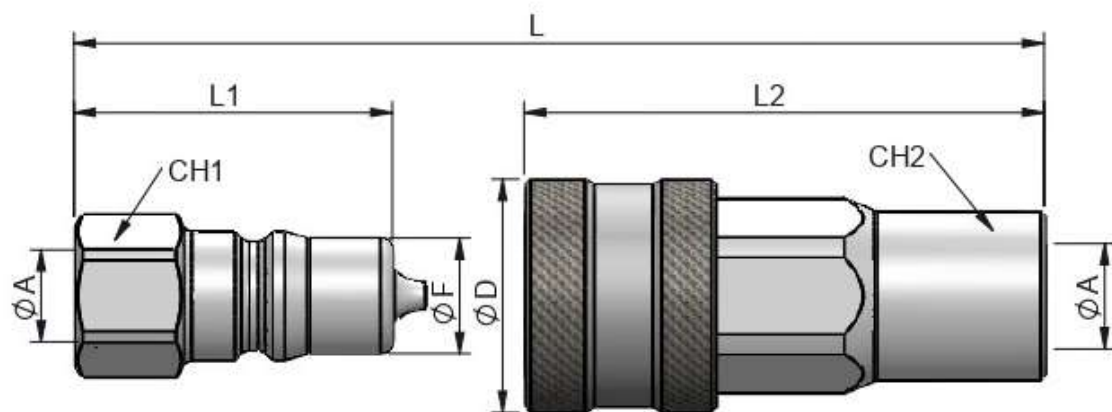




103 SERIES

ISO-B SS316

(S) 04 - 1/8"



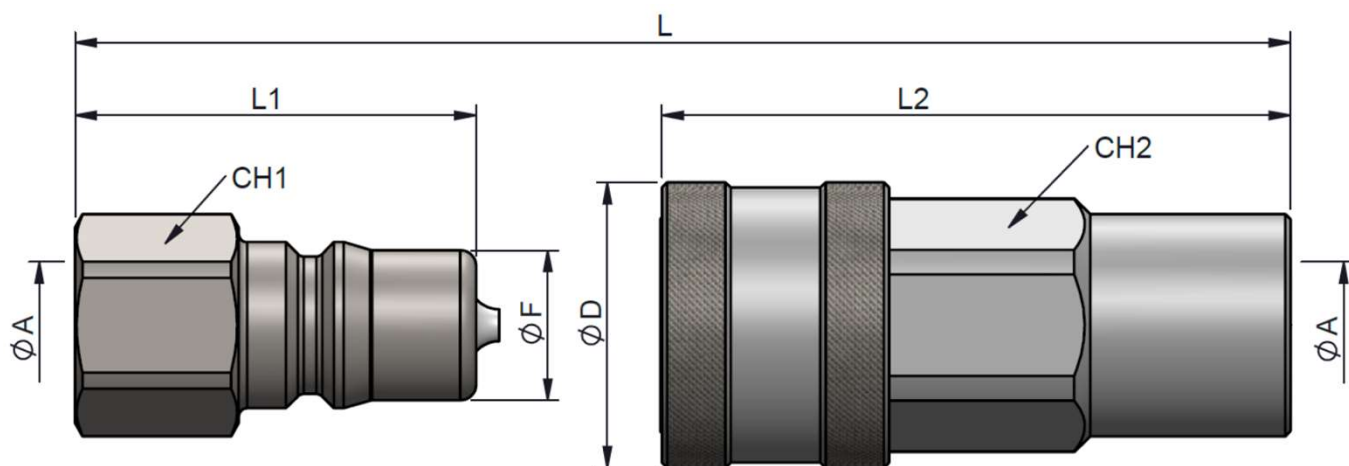
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
04	1/8" BSP	103.21120AA		14	30	10.90	60
	1/8" NPTF	103.21120BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
04	1/8" BSP	103.22120AA		19	49	22	60
	1/8" NPTF	103.22120BA					

(S) 06 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	103.21121AB		19	38	14.20	76
	1/4" NPTF	103.21121BB					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	103.22121AB		22	59.55	27	76
	1/4" NPTF	103.22121BB					

L= Total length when Male and Female are connected.

103-8

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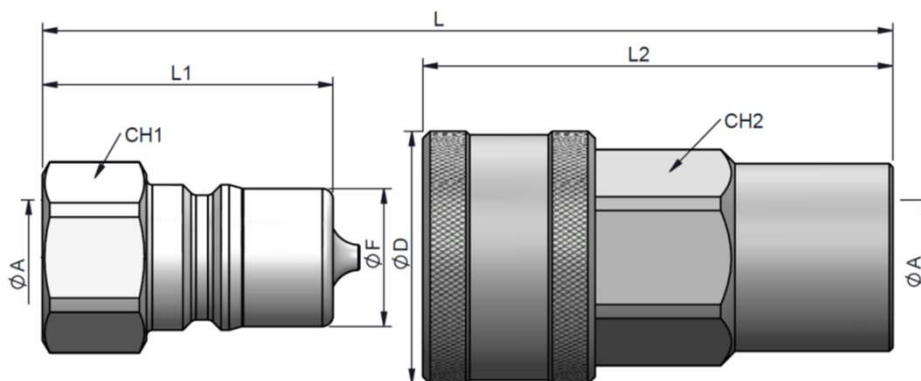




103 SERIES

ISO-B SS316

(S) 10 - 3/8"



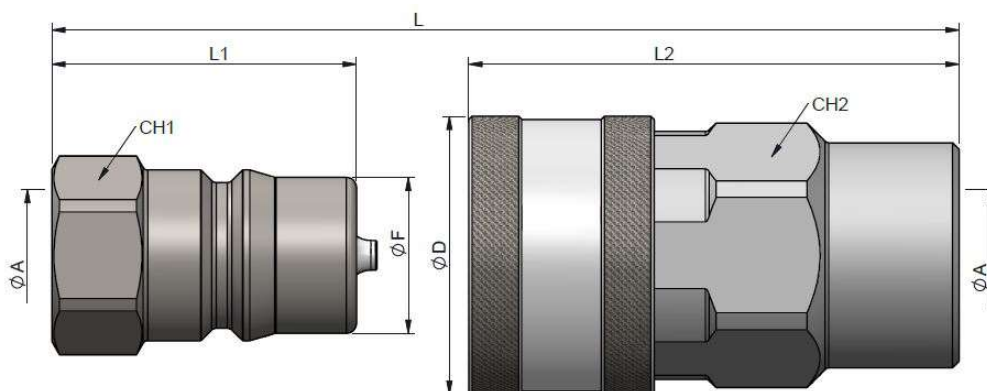
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	103.21122AC		280	24	40.50	19.10
	3/8" NPTF	103.21122BC					
							81

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	103.22122AC		280	27	65.50	35
	3/8" NPTF	103.22122BC					
							81

(S) 13 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	103.21123AD		260	27	46	23.55
	1/2" NPTF	103.21123BD					
							92

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	103.22123AD		260	36	74	42
	1/2" NPTF	103.22123BD					
							92

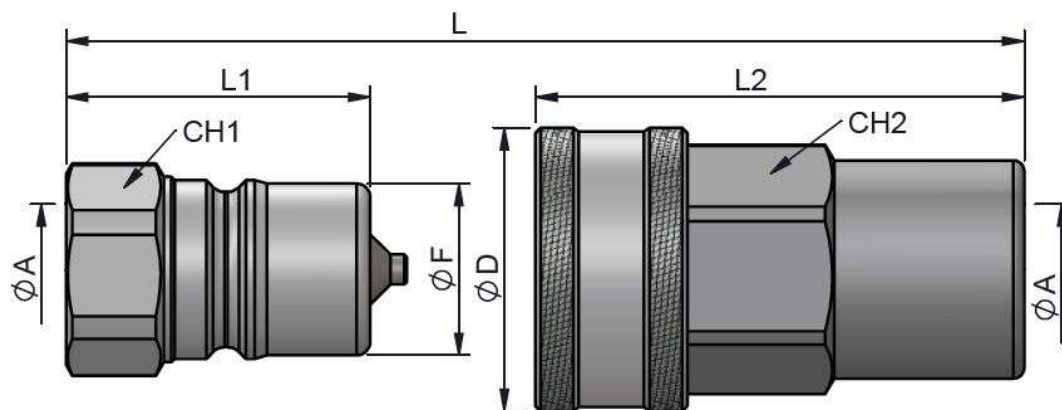
L= Total length when Male and Female are connected.



103 SERIES

ISO-B SS316

(S) 20 - 3/4"



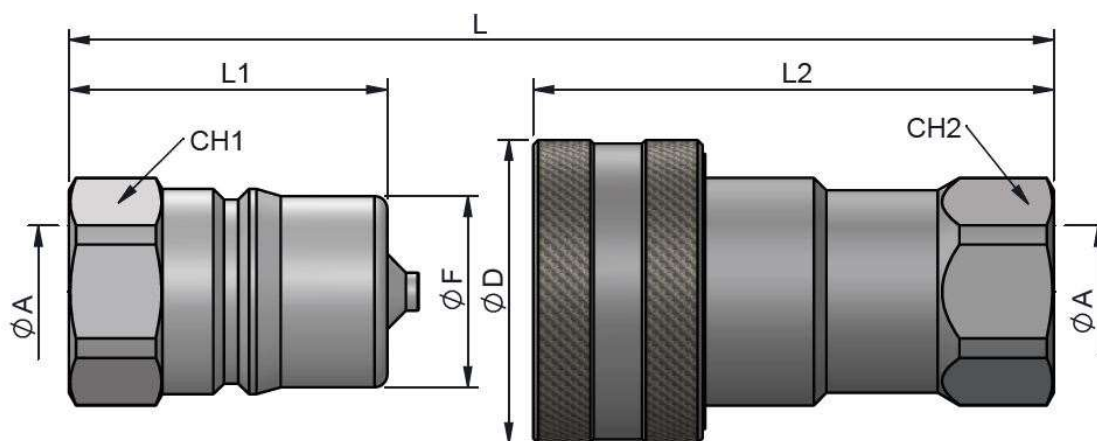
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	103.21124AE		36	56	31.45	112
	3/4" NPTF	103.21124BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
20	3/4" BSP	103.22124AE		41	90	52	112
	3/4" NPTF	103.22124BE					

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	103.21125AF		41	63	37.80	126
	1" NPTF	103.21125BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	103.22125AF		41	103	60	126
	1" NPTF	103.22125BF					

L= Total length when Male and Female are connected.

103-10

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

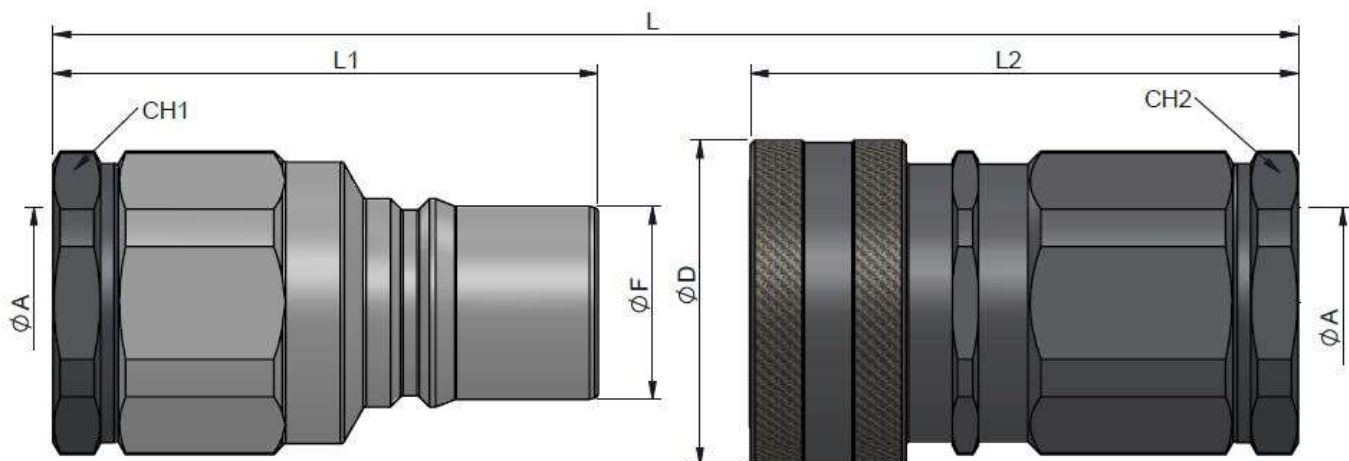






103 SERIES

ISO-B SS316



(S) 40 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
38	1 1/4" BSP	103.21127AG		65	126	44.50	252
	1 1/4" NPTF	103.21127BG					
	1 1/2" BSP	103.21127AH					
	1 1/2" NPTF	103.21127BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
38	1 1/4" BSP	103.22127AG		65	126.80	75	252
	1 1/4" NPTF	103.22127BG					
	1 1/2" BSP	103.22127AH					
	1 1/2" NPTF	103.22127BH					

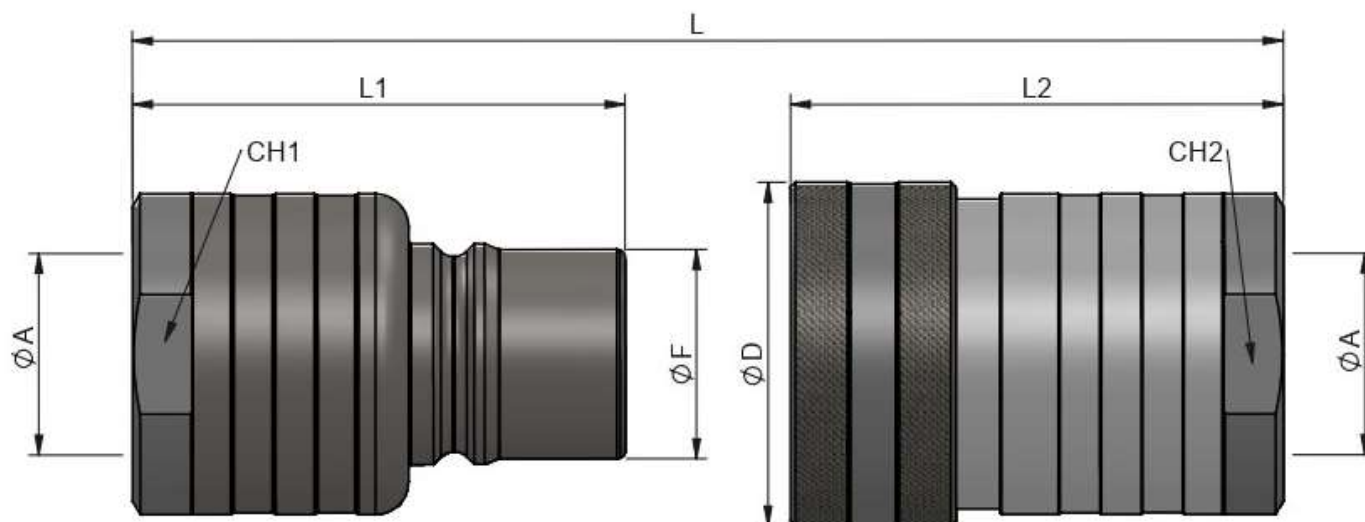
L= Total length when Male and Female are connected.



103 SERIES

ISO-B SS316

(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	103.21128AI	100	90	149	63.27	262
	2" NPTF	103.21128BI		90			
	2 1/2" BSP	103.21128AJ		100			
	2 1/2" NPTF	103.21128BJ		100			
	3" BSP	103.21128AK		100			
	3" NPTF	103.21128BK		100			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
50	2" BSP	103.22128AI	100	90	149	104	262
	2" NPTF	103.22128BI		90			
	2 1/2" BSP	103.22128AJ		100			
	2 1/2" NPTF	103.22128BJ		100			
	3" BSP	103.22128AK		100			
	3" NPTF	103.22128BK		100			

L= Total length when Male and Female are connected.



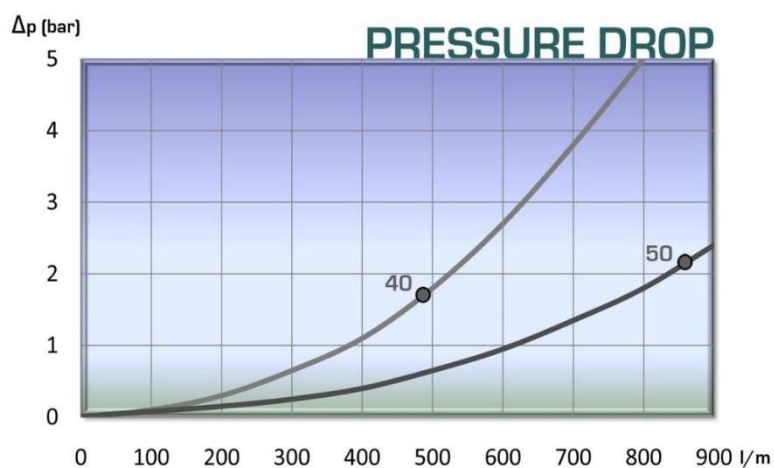
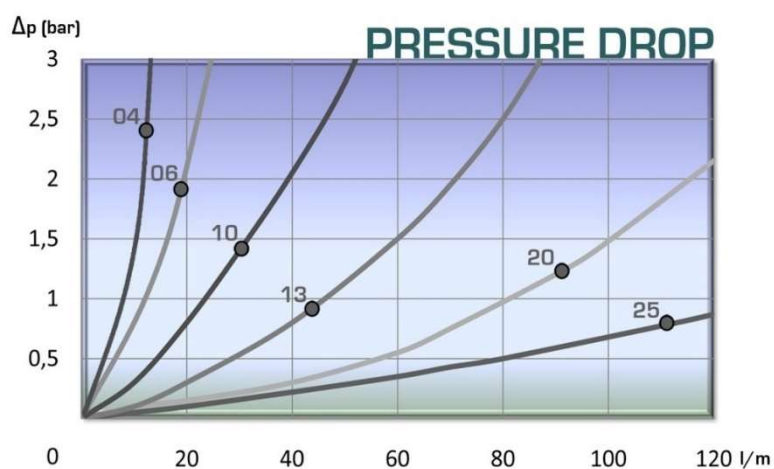
103 SERIES

ISO-B SS316

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
4	7 l/min	1300	1300	1325	320
6	15 l/min	1150	1200	1250	280
10	35 l/min	1060	1075	1200	260
13	47 l/min	1050	1150	1200	260
20	93 l/min	855	875	900	210
25	118 l/min	850	875	900	210
40	480 l/min	480	500	600	120
50	890 l/min	405	415	550	100

Test performed according to ISO 18869



103-13

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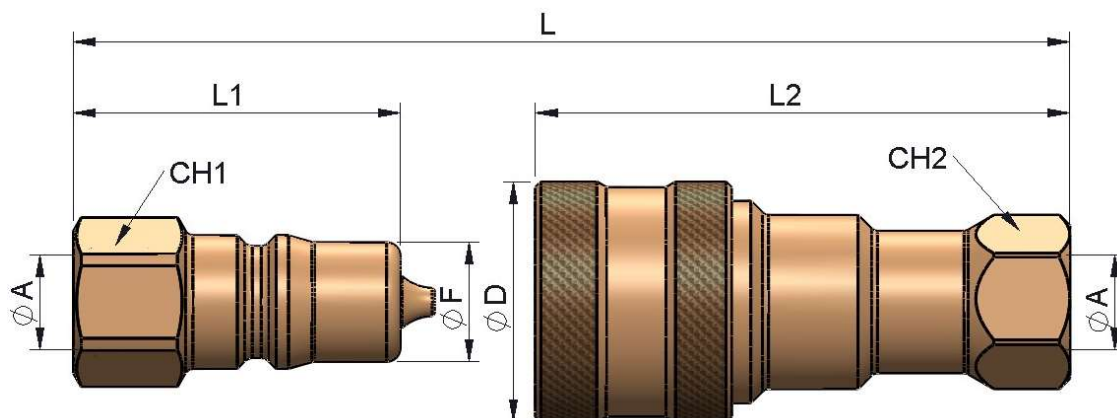




103 SERIES

ISO-B BRASS

(S) 04 - 1/8"



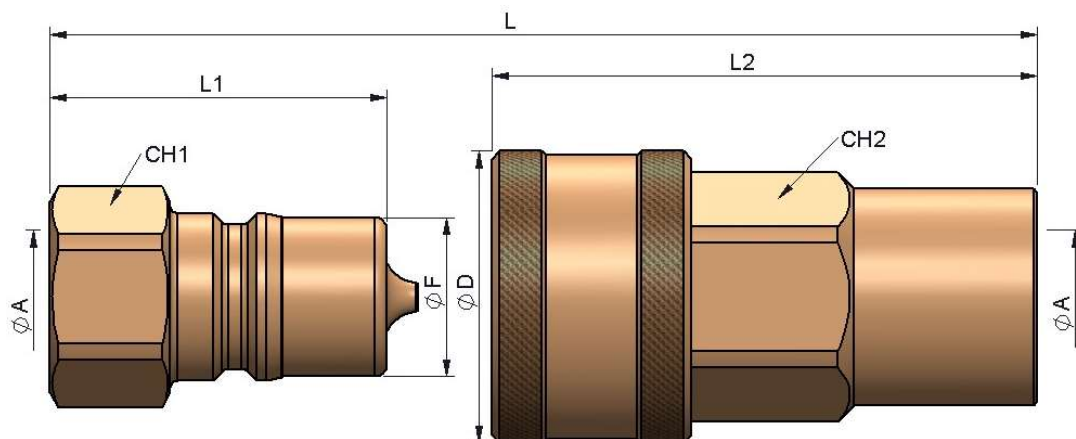
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
04	1/8" BSP	103.41120AA	250	14	30	10.90	60
	1/8" NPTF	103.41120BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
04	1/8" BSP	103.42120AA	250	19	49	22	60
	1/8" NPTF	103.42120BA					

(S) 06 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	103.41121AB	200	19	38	14.20	76
	1/4" NPTF	103.41121BB					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	103.42121AB	200	22	59.55	27	76
	1/4" NPTF	103.42121BB					

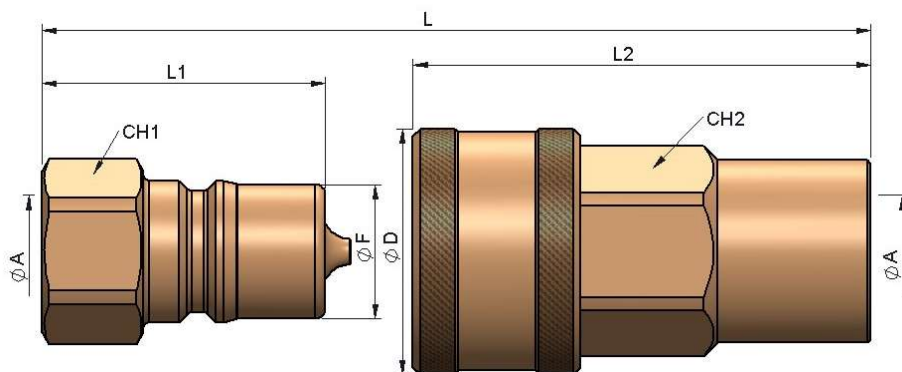
L= Total length when Male and Female are connected.



103 SERIES

ISO-B BRASS

(S) 10 - 3/8"



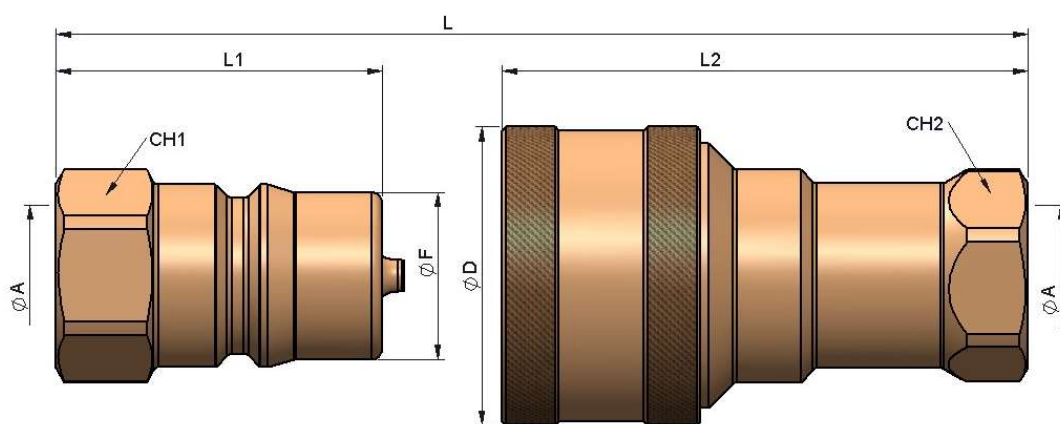
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	103.41122AC	200	24	40.50	19.10	81
	3/8" NPTF	103.41122BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	103.42122AC	200	27	65.50	35	81
	3/8" NPTF	103.42122BC					

(S) 13 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	103.41123AD	200	27	46	23.55	92
	1/2" NPTF	103.41123BD					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	103.42123AD	200	36	74	42	92
	1/2" NPTF	103.42123BD					

L= Total length when Male and Female are connected.

103-15

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



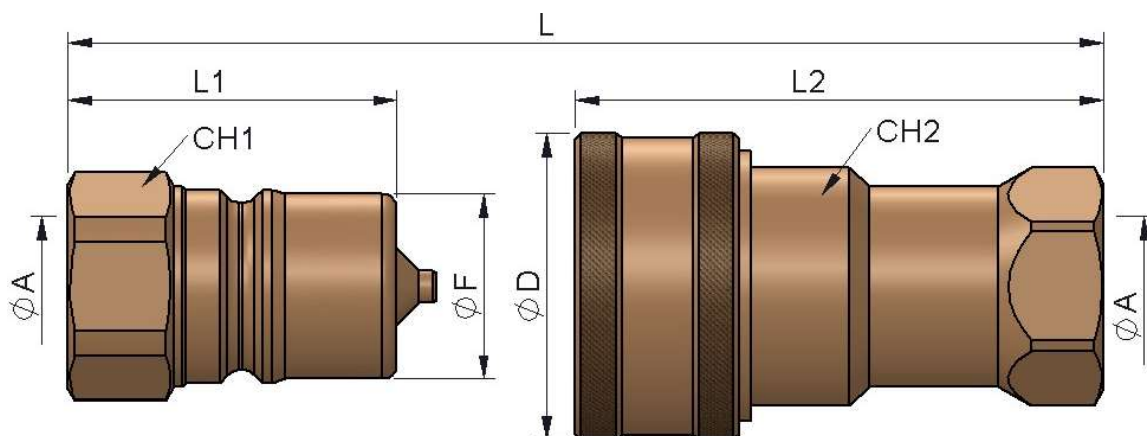
v11



103 SERIES

ISO-B BRASS

(S) 20 - 3/4"



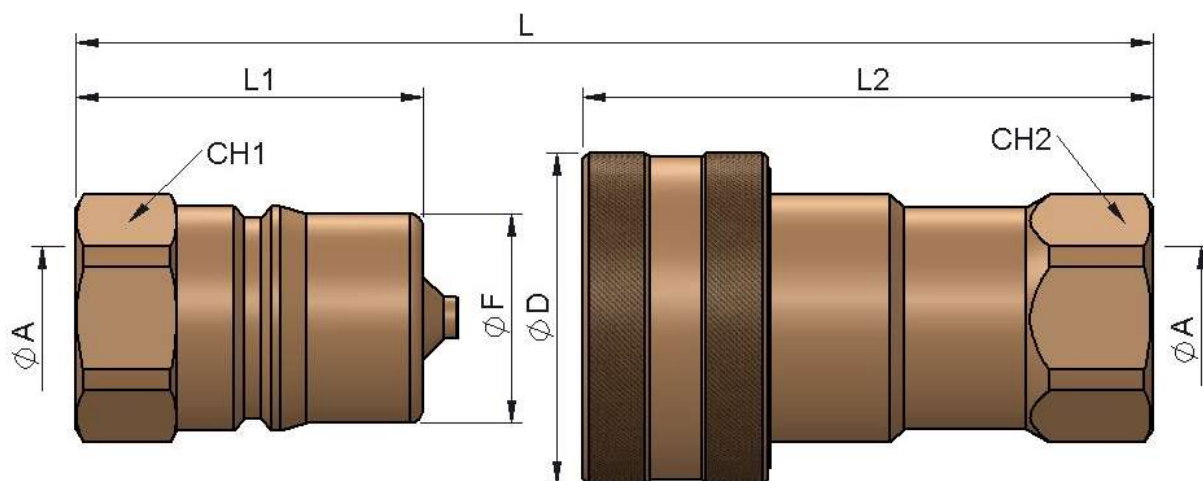
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	103.41124AE		36	56	31.45	112
	3/4" NPTF	103.41124BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
20	3/4" BSP	103.42124AE		41	90	52	112
	3/4" NPTF	103.42124BE					

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	103.41125AF		41	63	37.80	126
	1" NPTF	103.41125BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	103.42125AF		41	103	60	126
	1" NPTF	103.42125BF					

L= Total length when Male and Female are connected.

103-16

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



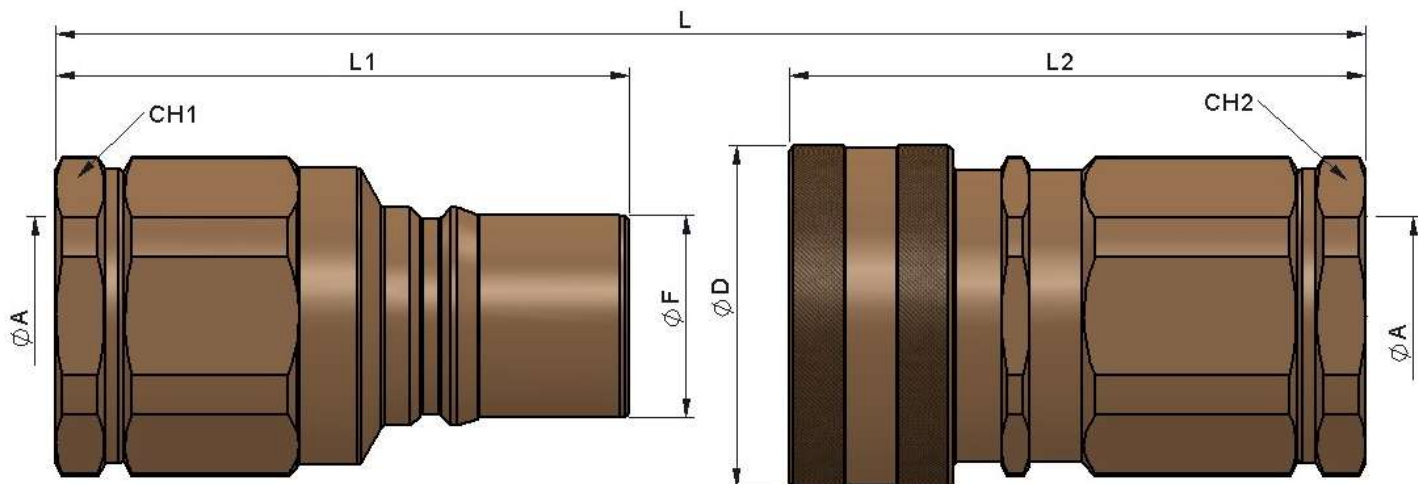
v11





103 SERIES

ISO-B BRASS



(S) 40 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
40	1 1/4" BSP	103.41127AG		65	126	44.50	252
	1 1/4" NPTF	103.41127BG					
	1 1/2" BSP	103.41127AH					
	1 1/2" NPTF	103.41127BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
40	1 1/4" BSP	103.42127AG		65	126.80	75	252
	1 1/4" NPTF	103.42127BG					
	1 1/2" BSP	103.42127AH					
	1 1/2" NPTF	103.42127BH					

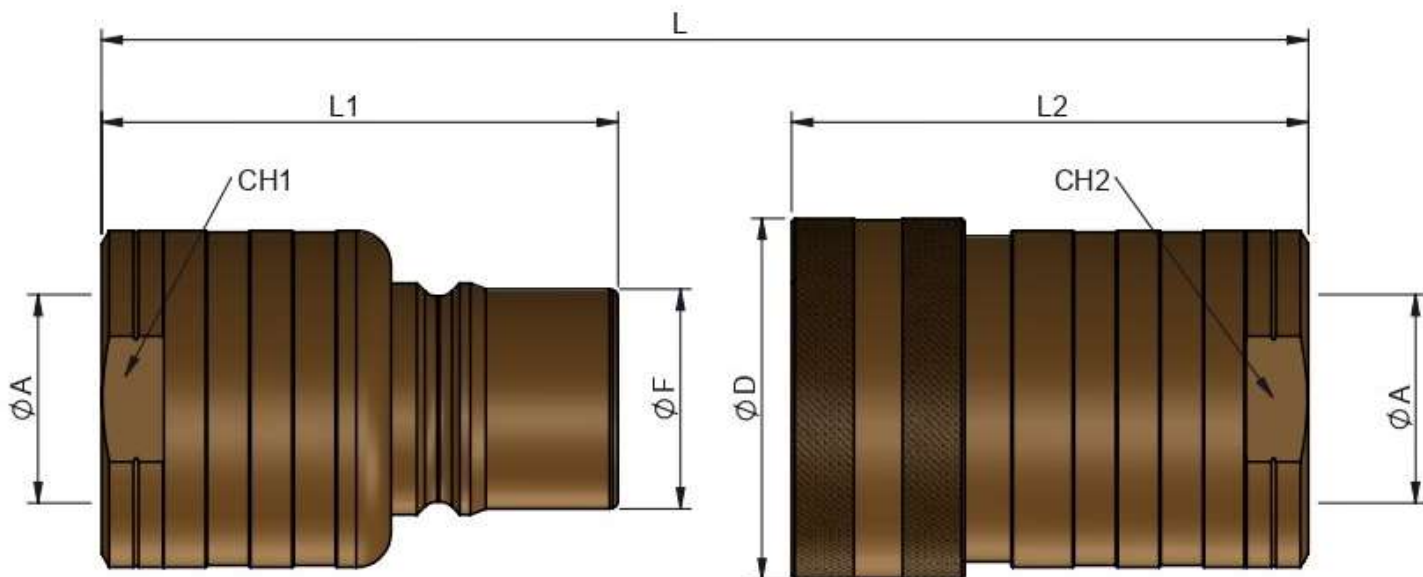
L= Total length when Male and Female are connected.



103 SERIES

ISO-B BRASS

(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	103.41128AI	100	90	149	63.27	262
	2" NPTF	103.41128BI		90			
	2 1/2" BSP	103.41128AJ		100			
	2 1/2" NPTF	103.41128BJ		100			
	3" BSP	103.41128AK		100			
	3" NPTF	103.41128BK		100			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
50	2" BSP	103.42128AI	100	90	149	104	262
	2" NPTF	103.42128BI		90			
	2 1/2" BSP	103.42128AJ		100			
	2 1/2" NPTF	103.42128BJ		100			
	3" BSP	103.42128AK		100			
	3" NPTF	103.42128BK		100			

L= Total length when Male and Female are connected.



103 SERIES ISO-B PLUGS & CAPS

PLUGS
& CAPS

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-B norm

MODEL STRUCTURE / DIMENSIONS

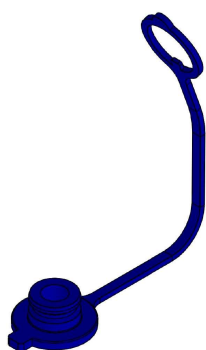
Example:

103.5321 AA

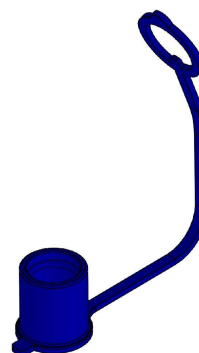
Series	Material*	Part	Color	Size (S)	Type
103.	5 Plastic	3 Plug	0 Plain Metal	0 4	AA
	6 Aluminum	4 Cap	1 Red	1 6	
			2 Blue	2 10	
			3 Yellow	3 13	
			4 Green	4 20	
			5 Black	5 25	
			6 White	7 38	
				8 50	

* Other materials on request.

(S) 4 – (S) 25 – PLASTIC



PLUG (COUPLER)



CAP (NIPPLE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
4	*	103.5320AA	*	*	*	*
6	*	103.5321AA	*	*	*	*
10	*	103.5322AA	*	*	*	*
13	*	103.5323AA	*	*	*	*
20	*	103.5324AA	*	*	*	*
25	*	103.5325AA	*	*	*	*

* Not available.

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
4	*	103.5420AA	*	*	*	*
6	*	103.5421AA	*	*	*	*
10	*	103.5422AA	*	*	*	*
13	*	103.5423AA	*	*	*	*
20	*	103.5424AA	*	*	*	*
25	*	103.5425AA	*	*	*	*

103–19

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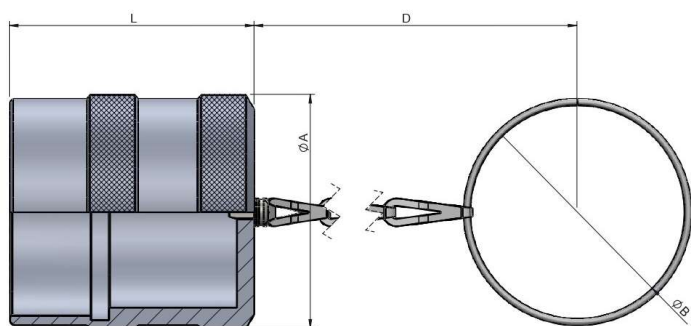
v11



103 SERIES ISO-B CAPS & PLUGS

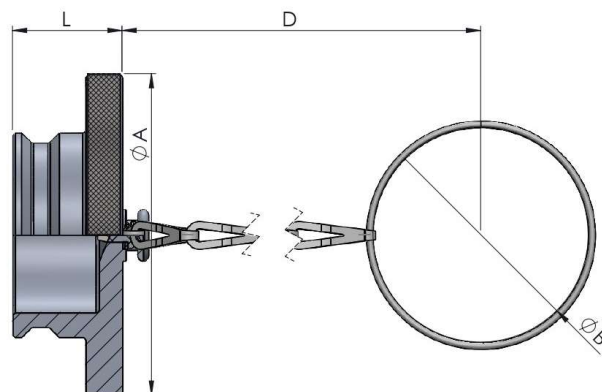
Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-B norm

(S) 32 – (S) 50 – ALUMINUM



CAP (NIPPLE)

(S)	ØA	REF.	ØB	L	D
38	60	103.6407AA	70	60	609.5
50	78	103.6408AA	98	65	575.5



PLUG (COUPLER)

(S)	ØA	REF.	ØB	L	D
38	75	103.6307AA	68	26	609.5
50	105	103.6308AA	98	32.4	575.5



104 SERIES DIN CARBON STEEL


Size 13 – 1/2" nipples meet ISO 7241 A & ISO 5675

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or Ball / C.U.R.P.**	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version	

Available Size: 1/4" a 1"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange: FASTER NV-NS- AEROQUIP FD76 – PARKER 4000 – SNAP-TITE 60

*Others upon request.

MODEL STRUCTURE

Example:

104.11122 AC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
104.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	1/4"
		2 Female	1 Poppet	1 NBR	2 10	3/8"
			2 Ball	2 VITON	3 13	1/2"
			3 C.U.R.P	3 EPDM	4 20	3/4"
					5 25	1"

2 letters (see Table of Threads page 999-1)

** (S) 13 - 1/2" available only.

104-1

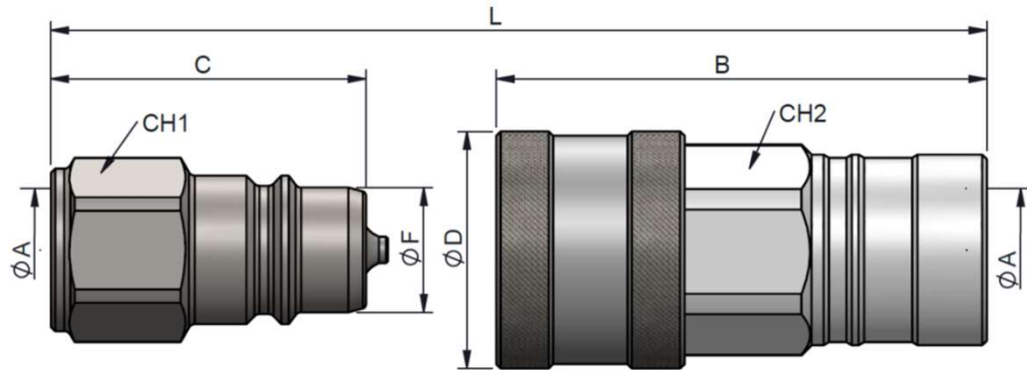
INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





104 SERIES DIN

POPPET VALVE



(S) 6 - 1/4"



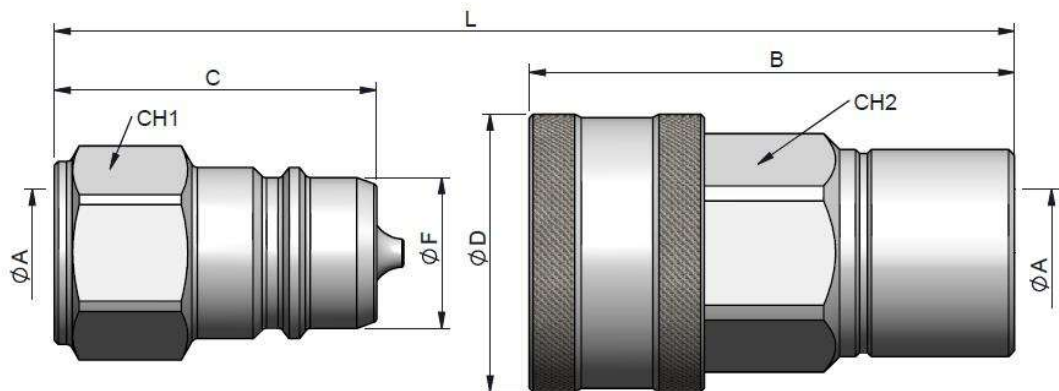
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	104.11111AB		350	19	36	14
	1/4" NPTF	104.11111BB					
	9/16"-18h UNF (ORB)	104.11111GD					



STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	104.12111AB		350	22	53.50	27
	1/4" NPTF	104.12111BB					
	9/16"-18h UNF (ORB)	104.12111GD					



(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	104.11112AC		300	24	40.50	19
	3/8" NPTF	104.11112BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	104.12112AC		300	27	61	35
	3/8" NPTF	104.12112BC					

L= Total length when Male and Female are connected.

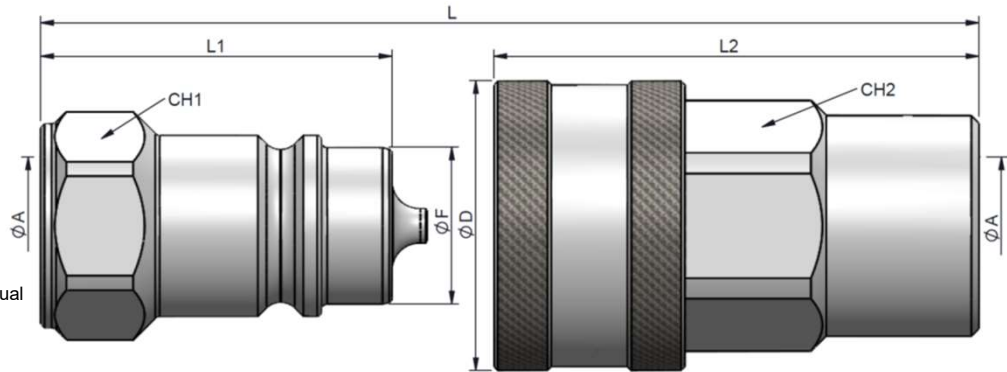
104 SERIES DIN

POPPET VALVE

(S) 13 - 1/2"



C.U.R.P. System available
Allows connection under residual
pressure.



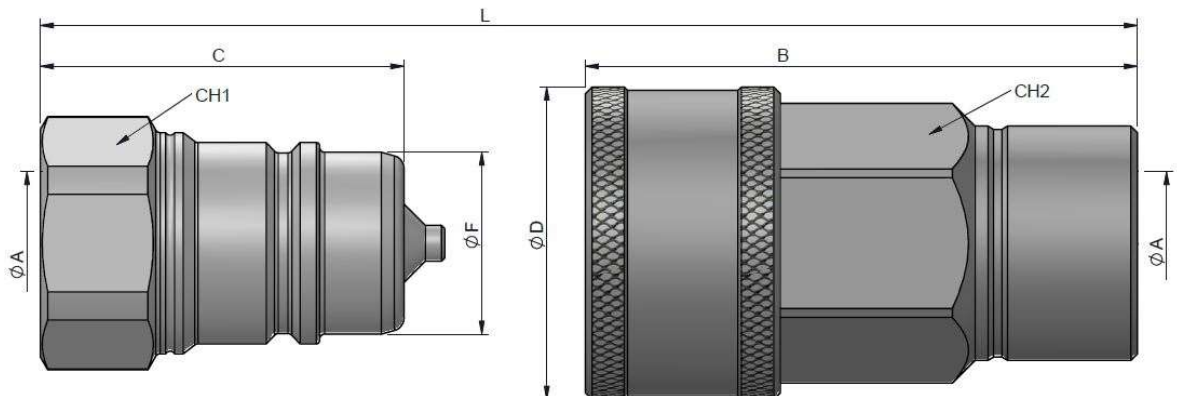
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.11113AD		27/30	46	20.50	87.50
	1/2" NPTF	101.11113BD					
	M22X1.5	101.11113NG		27/30			
	3/4"-16h UNF (ORB)	101.11113GF		27/30			
	7/8"-14h UNF (ORB)	101.11113GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	101.12113AD		300r	30	63.50	38
	1/2" NPTF	101.12113BD					
	M22X1.5	101.12113NG					
	3/4"-16h UNF (ORB)	101.12113GF					
	7/8"-14h UNF (ORB)	101.12113GH					

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
19	3/4" BSP	104.11114AE		250	36	56	28
	3/4" NPTF	104.11114BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
19	3/4" BSP	104.12114AE		250	38	85	48
	3/4" NPTF	104.12114BE					

L= Total length when Male and Female are connected.

104-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



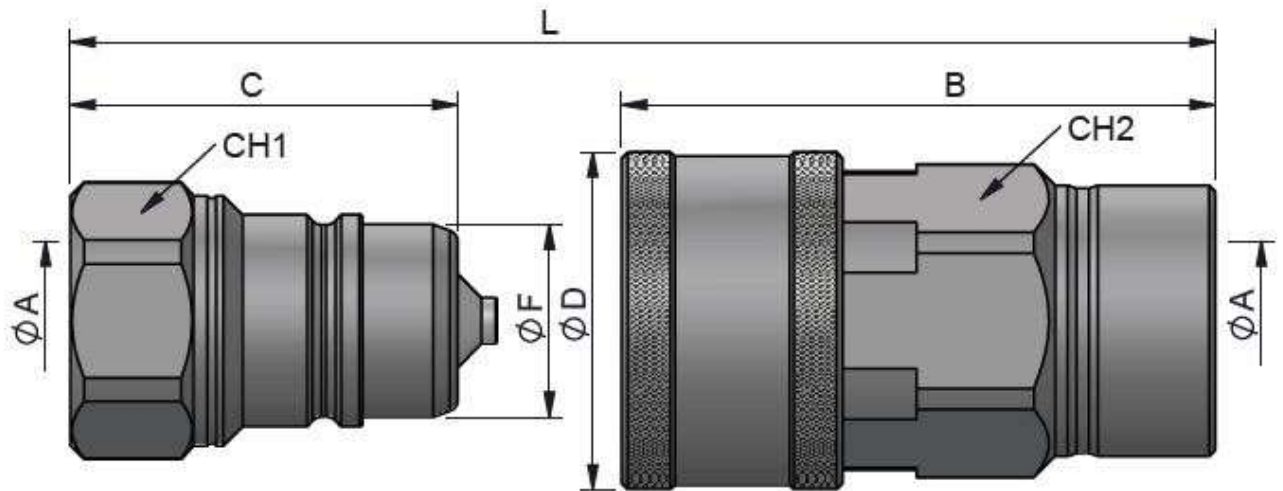


104 SERIES DIN



POPPET VALVE





(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	104.11115AF		41	63	31	126
	1" NPTF	104.11115BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	104.12112AC		46	96.50	55	126
	1" NPTF	104.12112BC					

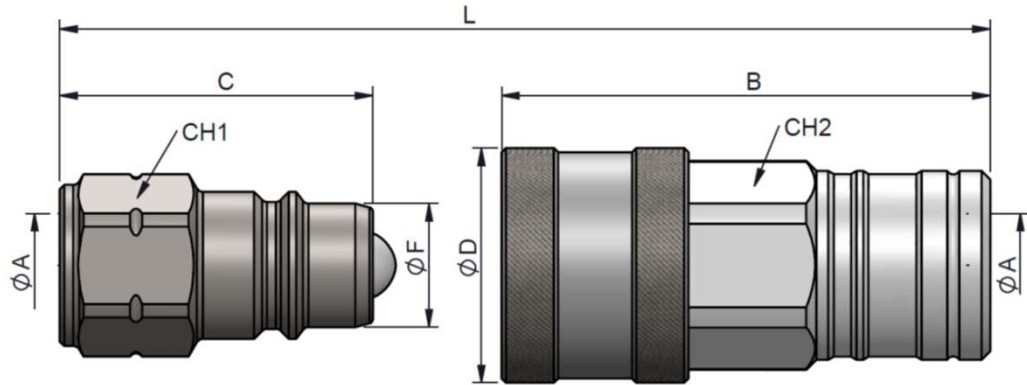
L= Total length when Male and Female are connected.





104 SERIES DIN BALL VALVE





(S) 6 - 1/4"



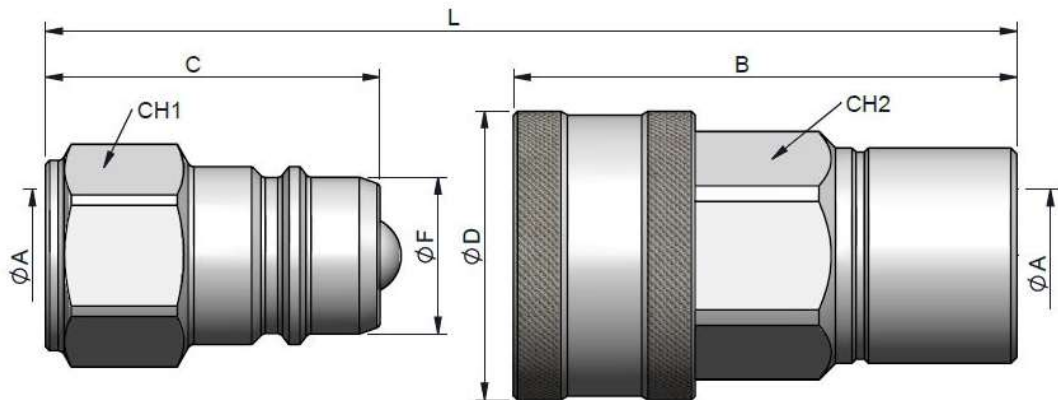
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	104.11211AB		19	36	14	72
	1/4" NPTF	104.11211BB					
	9/16"-18h UNF (ORB)	104.11211GD					



STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	104.12211AB		22	53.50	27	72
	1/4" NPTF	104.12211BB					
	9/16"-18h UNF (ORB)	104.12211GD					



(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	104.11212AC		24	40.50	19	81
	3/8" NPTF	104.11212BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	104.12212AC		27	61	35	81
	3/8" NPTF	104.12212BC					

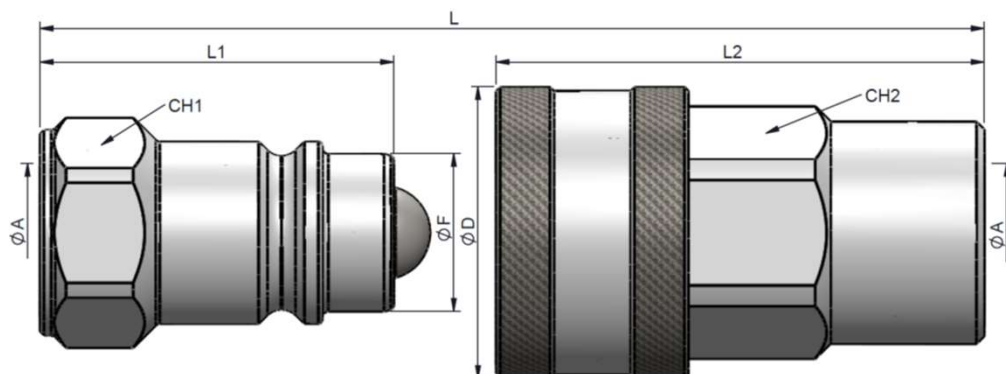
.L= Total length when Male and Female are connected.



104 SERIES DIN BALL VALVE



(S) 13 - 1/2"



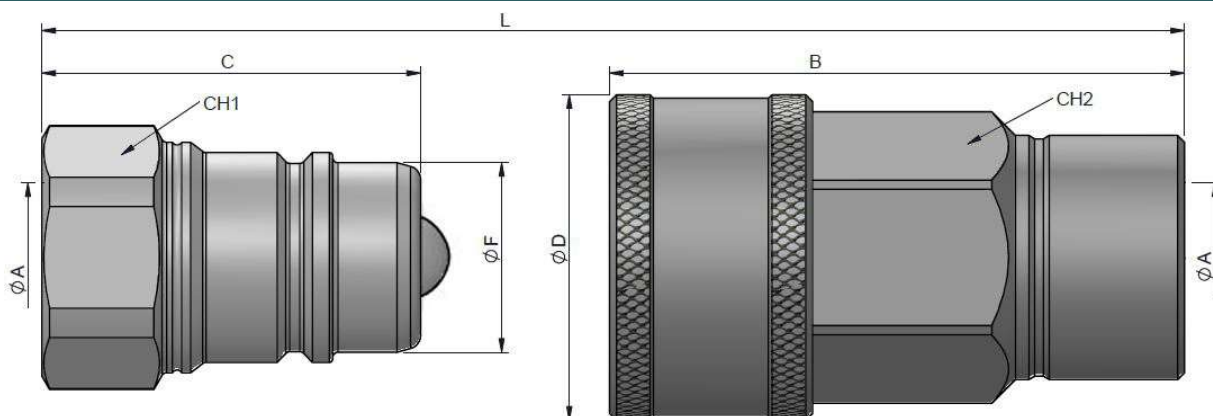
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.11213AD		27/30	46	20.50	87.50
	1/2" NPTF	101.11213BD					
	M22X1.5	101.11213NG		27/30			
	3/4"-16h UNF (ORB)	101.11213GF		27/30			
	7/8"-14h UNF (ORB)	101.11213GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	101.12213AD		30	63.50	38	87.50
	1/2" NPTF	101.12213BD					
	M22X1.5	101.12213NG		30			
	3/4"-16h UNF (ORB)	101.12213GF		30			
	7/8"-14h UNF (ORB)	101.12213GH		30			

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
19	3/4" BSP	101.11214AE		36	56	29	112
	3/4" NPTF	101.11214BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
19	3/4" BSP	101.12214AE		38	83.5	46	112
	3/4" NPTF	101.12214BE					

L= Total length when Male and Female are connected.

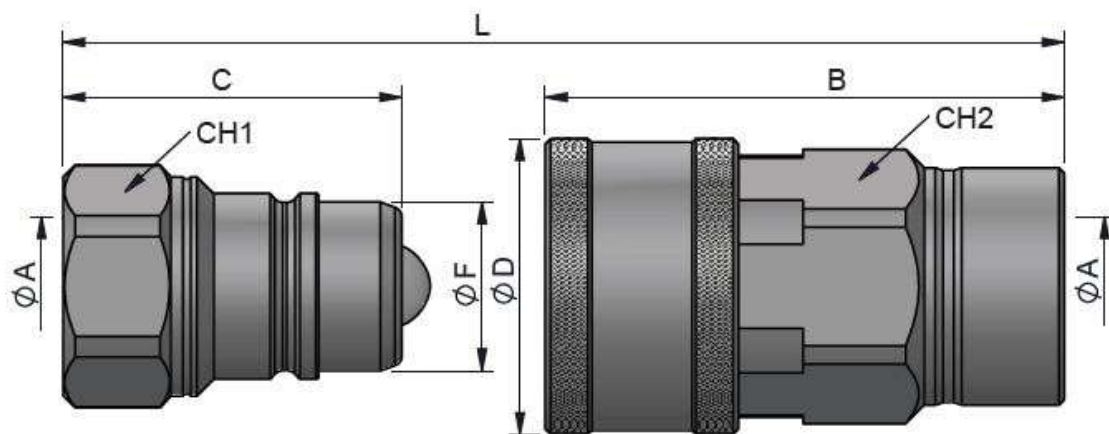


104 SERIES DIN



BALL VALVE





(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	104.11215AF		41	63	31	126
	1" NPTF	104.11215BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	104.12215AF		46	96.50	55	126
	1" NPTF	104.12215BF					

L = Total length when Male and Female are connected.



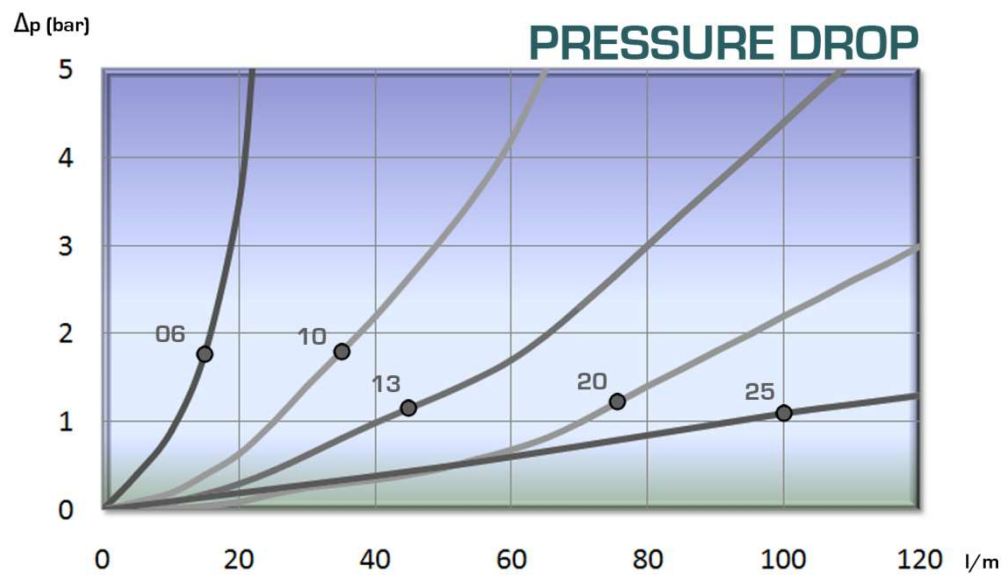
104 SERIES DIN

CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
6	15 l/m	1650	1800	1400	350
10	35 l/m	1250	1350	1200	300
13	45 l/m	1200	1300	1200	300
20	74 l/m	1030	1200	1000	250
25	100 l/m	950	980	920	220

Test performed according to ISO 18869



104-8

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





104 SERIES DIN

PLUGS
& CAPS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Size 13 – 1/2" manufactured according to ISO 7241-A & ISO 5675 norms

MODEL STRUCTURE / DIMENSIONS

Example:

104.5353 AA

Series	Material	Part	Color	Size (S)	Type
101.	5 Plastic	3 Plug	0 Plain Metal	1 6	AA
104.		4 Cap	1 Red	2 10	
			2 Blue	3 13	
			3 Yellow	4 20	
			4 Green	5 25	
			5 Black		
			6 White		

(S) 6 – (S) 25 – PLASTIC



PLUG (COUPLER)



CAP (NIPPLE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5351AA	*
10	*	*	*	*	104.5352AA	*
13	*	*	*	*	101.5353AA	*
20	*	*	*	*	104.5354AA	*
25	*	*	*	*	104.5355AA	*

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5451AA	*
10	*	*	*	*	104.5452AA	*
13	*	*	*	*	101.5453AA	*
20	*	*	*	*	104.5454AA	*
25	*	*	*	*	104.5455AA	*

* Not available. Only size 13 - 1/2" on minimum order.

104-9

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





105 SERIES PSH

ISO 7241-A
PUSH PULL


Manufactured according to ISO 7241-A & ISO 5675 norms..

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 300 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or Ball / C.U.R.P.	
Connection / Disconnection	Push / Pull	
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version	

Available Size: 1/2"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange: FASTER PV / CPV - ARGUS SVK - PARKER 4200

*Others upon request.

MODEL STRUCTURE

Example:

105.12113 BD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
105.	1 Carbon St.	1 Male 2 Female	0 Without 1 Poppet 2 Ball 3 C.U.R.P	0 Without 1 NBR 2 VITON 3 EPDM	3 13 1/2"	2 letters (see Table of Threads page 999-1)

105-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

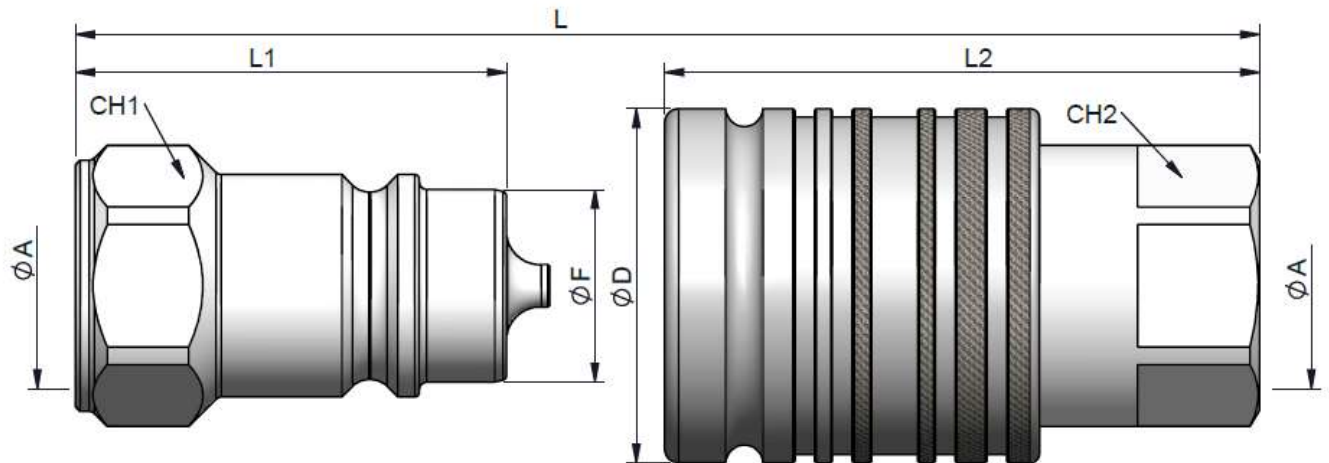




105 SERIES PSH

ISO 7241-A
PUSH PULL

(S) 13 - 1/2"



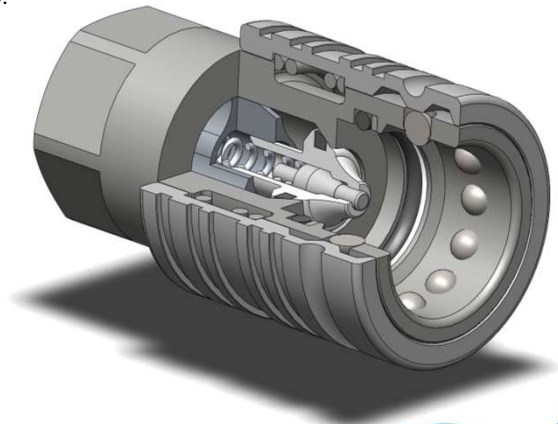
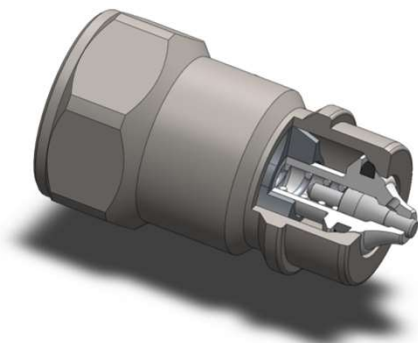
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.11113AD		27/30	46	20.56	87.50
	1/2" NPTF	101.11113BD		27/30			
	M22X1.5	101.11113NG		27/30			
	3/4"-16h UNF (ORB)	101.11113GF		27/30			
	7/8"-14h UNF (ORB)	101.11113GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	105.12113AD		300	27	63.5	37.80
	1/2" NPTF	105.12113BD					
	M22X1.5	105.12113NG					

C.U.R.P. System available
Allow connection under
residual pressure.

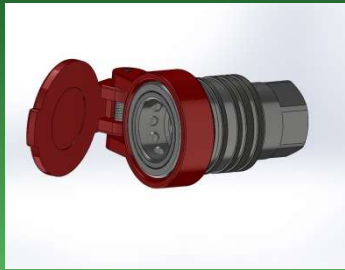


105-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



105 SERIES PSH

PLUGS
& CAPS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-A and ISO 5675 norms.

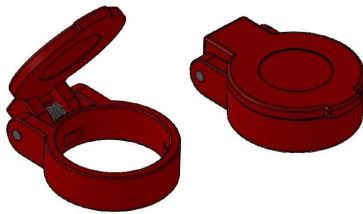
MODEL STRUCTURE / DIMENSIONS

Example:

105.5413 AA

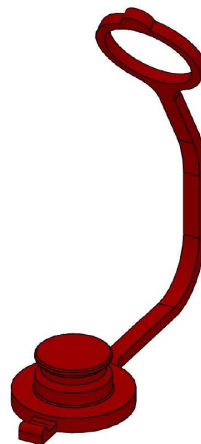
Series	Material	Part	Color	Size (S)	Type
101.	5 Plastic	3 Plug	0 Plain Metal	3 13 1/2"	AA
105.		4 Cap	1 Red		
			2 Blue		
			3 Yellow		
			4 Green		
			5 Black		
			6 White		

(S) 13 – PLASTIC



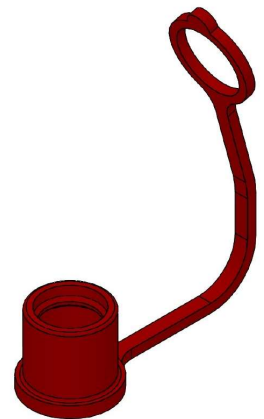
AUTOMATIC CAP

(S)	RED	BL	Y	G	B	W
13	105.5413AA	*	*	*	*	*



PLUG (COUPLER)

(S)	RED	BL	Y	G	B	W
13	101.5313AA	*	*	*	*	*



CAP (NIPPLE)

(S)	RED	BL	Y	G	B	W
13	101.5413AA	*	*	*	*	*

*Available upon minimum order quantity

105-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



106 SERIES DIA




Interchangeability with American market.

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 250 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	NPTF*	
Closing System:	Poppet Valve or ball	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 3/4"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: PARKER PIONEER

**Others upon request.*

MODEL STRUCTURE

Example:

106.11114 BE

Series	Material	Part	Closing	O-rings	Size (S)	Thread
106.	1 Carbon St.	1 Male 2 Female	0 Without 1 Poppet 2 Ball	0 Without 1 NBR 2 VITON 3 EPDM	4 20 3/4"	2 letters (see Table of Threads page 999-1)

106-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

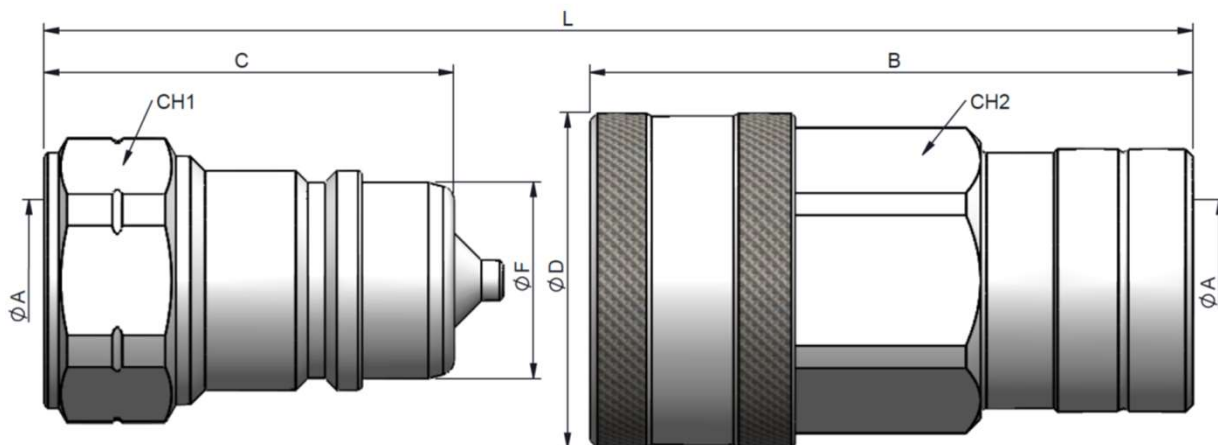





106 SERIES DIA

CARBON STEEL


(S) 20 - 3/4"



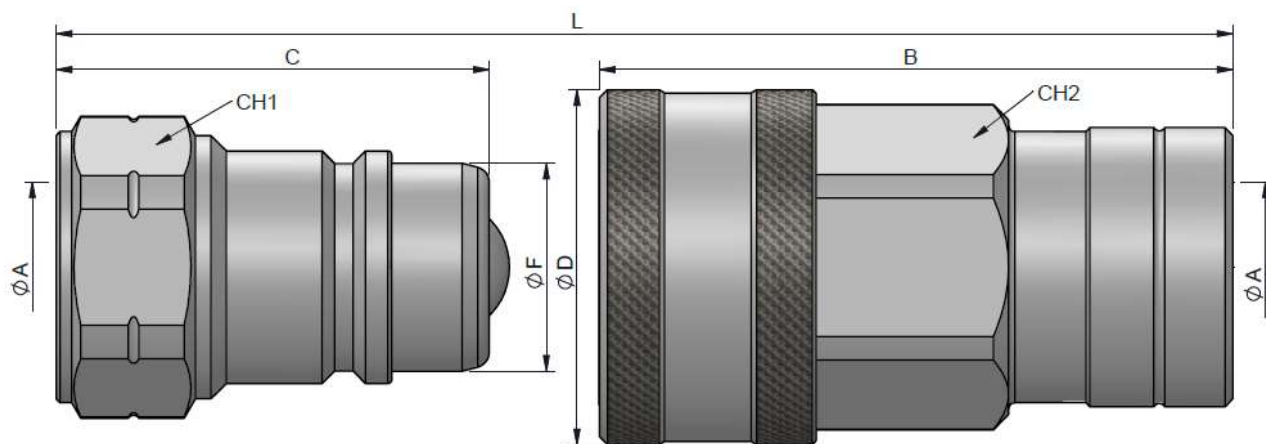
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
19	3/4" NPTF	106.11114BE	250	36	56	26.85	112

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
19	3/4" NPTF	106.12114BE	250	38	82	45.50	112

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
19	3/4" NPTF	106.11214BE	250	36	56	26.85	112

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
19	3/4" NPTF	106.12214BE	250	38	82	45.50	112

106-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





107 SERIES

PSM

PUSH-PULL
MULTI-THREADS

Manufactured according ISO 7241-A norm
(Size 13 – 1/2" meets also ISO 5675 requirements).

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 270 Bar
Materials:	Body: Carbon Steel EN 10277-3
	O-rings: NBR / VITON / EPDM
	Back-up-ring: PTFE
	Springs: EN 10270-1/SH
	Balls: AISI 1010/1015
Available Threads:	BSP / NPTF / SO 9974 (DIN3852) DIN 2353 (ISO 8434-1) / ISO 11926 (J1926)*
Closing System:	Poppet Valve or Ball / C.U.R.P.**
Connection / Disconnection	Push / Pull
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version

Available Size: 3/8" y 1/2"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER PV – CPV - ARGUS SVK
PARKER 4200

*Others upon request.

MODEL STRUCTURE

Example:

107.12113 KF

Series	Material	Part	Closing	O-rings	Size (S)	Thread
102. (Male)	1 Carbon St.	1 Male	0 Without	0 Without	2 10	3/8"
107. (Female)		2 Female	1 Poppet	1 NBR	3 13	1/2"
			2 Ball	2 VITON		
			3 C.U.R.P.	3 EPDM		

** (S) 13 - 1/2" available only.

107-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

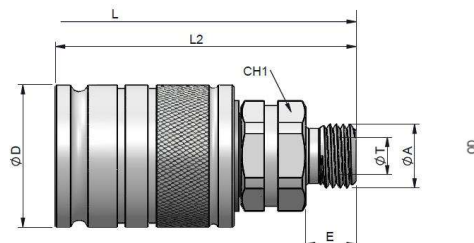
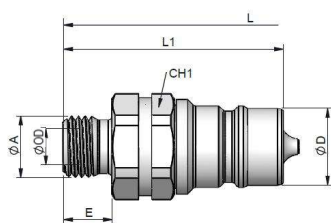




107 SERIES PSM

MALE THREAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 10 - 3/8"

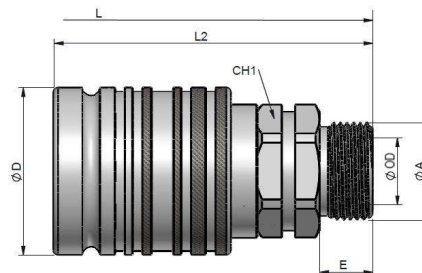
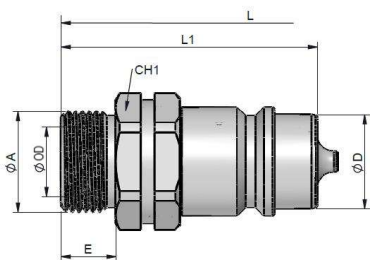


STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA		OD		L	REF.	CH1	L1	ØF	E	REF.	CH2	L2	ØD	E
10	M12x1.5	LIGHT	6L	270	97	102.11112JB	22	49.6	17.30	12	107.12112JB	22	65.50	31	12
	M14x1.5		8L			102.11112JC					107.12112JC				
	M16x1.5		10L			102.11112JD					107.12112JD				
	M18x1.5		12L			102.11112JE					107.12112JE				
	M16x1.5	HEAVY	8S			102.11112KD					107.12112KD				
	M18x1.5		10S			102.11112KE					107.12112KE				
	M20x1.5		12S			102.11112KF					107.12112KF				
	3/8" BSP		-			102.11112AN					107.12112AN				

(S) 13 - 1/2"



C.U.R.P.
System available
Allows connection under
residual pressure.

STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA		OD		L	REF.	CH1	L1	ØF	E	REF.	CH2	L2	ØD	E
13	M14x1.5	LIGHT	8L	250	106	102.11113JC	27	56	20.56	12	107.12113JC	27	72	37.80	12
	M16x1.5		10L			102.11113JD					107.12113JD				
	M18x1.5		12L			102.11113JE					107.12113JE				
	M22x1.5		15L			102.11113JG					107.12113JG				
	M26x1.5		18L			102.11113JI					107.12113JI				
	M18x1.5	HEAVY	10S			102.11113KE					107.12113KE				
	M20x1.5		12S			102.11113KF					107.12113KF				
	M22x1.5		14S			102.11113KG					107.12113KG				
	M24x1.5		16S			102.11113KH					107.12113KH				
	M30x2.0		20S		152	102.11113KJ	30	79	20.56	35	107.12113KJ	30	95	37.80	35

107-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

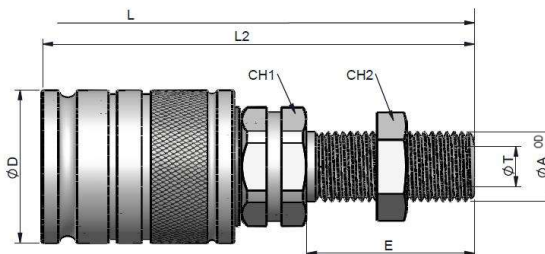
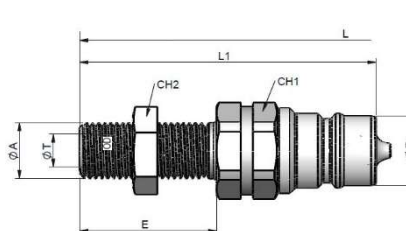




107 SERIES PSM

MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 10 - 3/8"

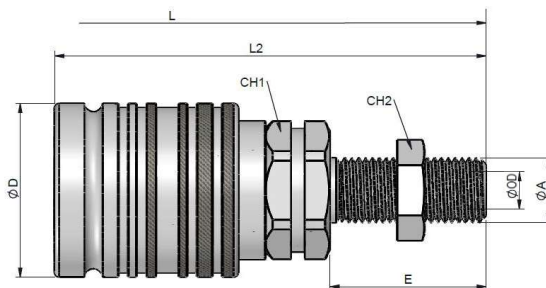
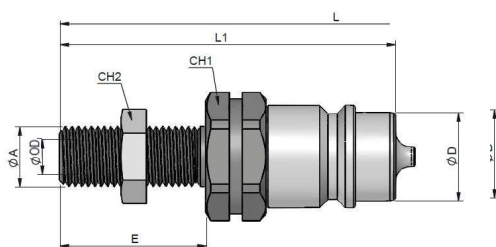


STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA		OD		L	REF.	CH1	CH2	L1	ØD	REF.	CH2	CH3	L2	ØD
10	M12x1.5	LIBERA	6L	270	141	102.11112LB	22	17	71.5	17.30	102.12112LB	22	17	87.5	31
	M14x1.5		8L			102.11112LC		19			102.12112LC		19		
	M16x1.5		10L			102.11112LD		22			102.12112LD		22		
	M18x1.5		12L			102.11112LE		24			102.12112LE		24		
	M16x1.5	HEAVY	8S			102.11112MD		24			102.12112MD		24		
	M18x1.5		10S			102.11112ME		24			102.12112ME		24		
	M20x1.5		12S			102.11112MF		27			102.12112MF		27		

(S) 13 - 1/2"



C.U.R.P.
System available
Allows connection under
residual pressure.

STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA		OD		L	REF.	CH1	CH2	L1	ØD	REF.	CH2	CH3	L2	ØD
13	M14x1.5	LIGHT	8L	250	150	102.11113LC	27	19	78	20.56	107.12113LC	27	19	78	37.80
	M16x1.5		10L		152	102.11113LD		30	79		107.12113LD		30	79	
	M18x1.5		12L		130	102.11113LE		24	68		107.12113LE		24	68	
	M22x1.5		15L		152	102.11113LG		27	79		107.12113LG		27	79	
	M26x1.5	HEAVY	18L		106	102.11113LI		30	56		107.12113LI		30	56	
	M18x1.5		10S		130	102.11113ME		24	68		107.12113ME		24	68	
	M20x1.5		12S		152	102.11113MF		27	79		107.12113MF		27	79	
	M22x1.5		14S		152	102.11113MG		27	79		107.12113MG		27	79	
	M24x1.5		16S		152	102.11113MH		30	79		107.12113MH		30	79	
	M30x2.0		20S		152	102.11113MJ	30	36	79		107.12113MJ	30	36	79	

107-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



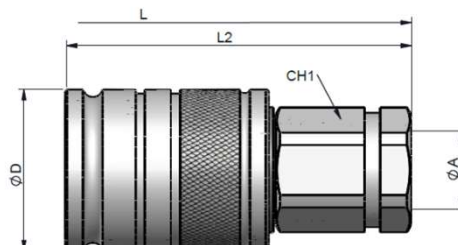
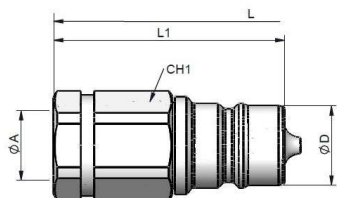
v11



107 SERIES PSM

FEMALE THREAD
BSP / NPTF / ISO 9974 (DIN3852)
ISO 11926 (J1926)

(S) 10 - 3/8"

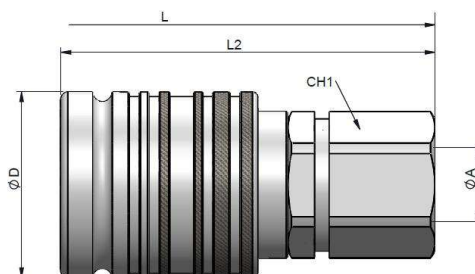
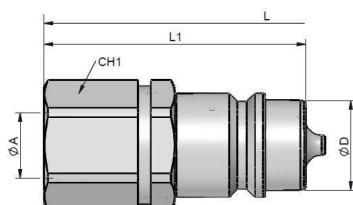


STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	L		REF.	CH1	L1	ØF	REF.	CH1	L1	ØF
10	1/4" BSP	99	270	102.11112AB	22	50.5	17.30	107.12112AB	22	66.5	31
	1/4" NPTF			102.11112BB				107.12112BB			
	3/8" BSP			102.11112AC				107.12112AC			
	3/8" NPTF			102.11112BC				107.12112BC			
	M16x1.5			102.11112ND				107.12112ND			
	M18x1.5			102.11112NE				107.12112NE			

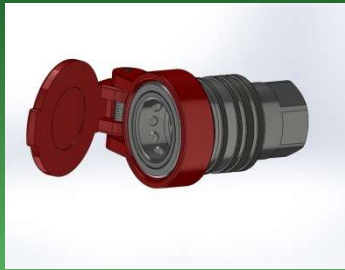
(S) 13 - 1/2"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	L		REF.	CH2	L2	ØD	REF.	CH1	L1	ØF
10	3/8" BSP	114	250	102.11113AC	27	60	20.56	107.12113AC	27	76	37.80
	1/2" BSP	114		102.11113AD	27	60		107.12113AD	27	76	
	3/4" NPTF	118		102.11113BE	30	62		107.12113BE	30	78	
	M14x1.5	114		102.11113NC	27	60		107.12113NC	27	76	
	M16x1.5	114		102.11113ND	27	60		107.12113ND	27	76	
	M18x1.5	114		102.11113NE	27	60		107.12113NE	27	76	
	M22x1.5	118		102.11113NG	27	62		107.12113NG	27	76	
	3/4"- 16h UNF (ORB)	114		102.11113GF	27	60		107.12113GF	27	76	
	7/8"-14h UNF (ORB)	114		102.11113GH	27	60		107.12113GH	27	76	
	3/4"- 16h UNF (ORB)	128		102.11113GFA	27	67		107.12113GFA	27	83	



107 SERIES PSM

PLUGS
& CAPS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Size 13 – 1/2" manufactured according to ISO 7241-A & ISO 5675 norms

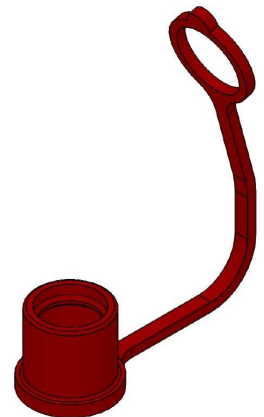
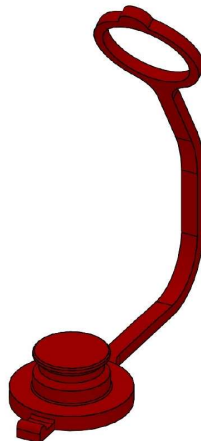
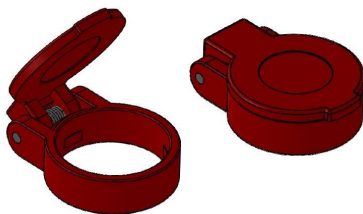
MODEL STRUCTURE / DIMENSIONS

Example:

105.5413 AA

Series	Material	Part	Color	Size (S)	Type
101.	5 Plastic	3 Plug	0 Plain Metal	2 10 3/8"	AA
105.		4 Cap	1 Red	3 13 1/2"	
			2 Blue		
			3 Yellow		
			4 Green		
			5 Black		
			6 White		

(S) 10 – (S) 13 – PLASTIC



AUTOMATIC CAP

(S)	RED	BL	Y	G	B	W
10	105.5412AA	*	*	*	*	*
13	105.5413AA	*	*	*	*	*

PLUG (COUPLER)

(S)	RED	BL	Y	G	B	W
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*

CAP (NIPPLE)

(S)	RED	BL	Y	G	B	W
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*

*Available upon minimum order quantity

107-5

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



108 SERIES


DIN-F CARBON STEEL

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 300 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP*	
Closing System:	Poppet Valve	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C -30°C	+200°C -10°C	+150°C -40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: H5000 EATON / 605-A GROMELLE

**Others upon request.*

MODEL STRUCTURE

Example:

108.11115 AF

Series	Material	Part	Closing	O-rings	Size (S)	Thread
108.	1 Carbon St.	1 Male 2 Female	0 Without 1 Poppet	0 Without 1 NBR 2 VITON 3 EPDM	5 25 1"	2 letters (see Table of Threads page 999-1)

108-1

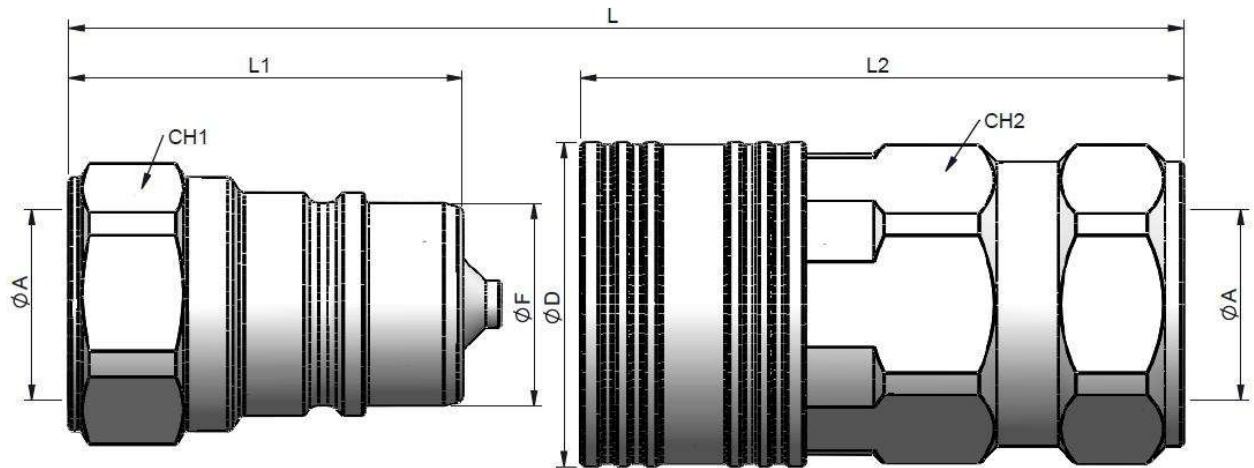
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108 SERIES DIN-F CARBON STEEL

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
25	1" BSP	108.11115AF	300	41	63	32.40	126

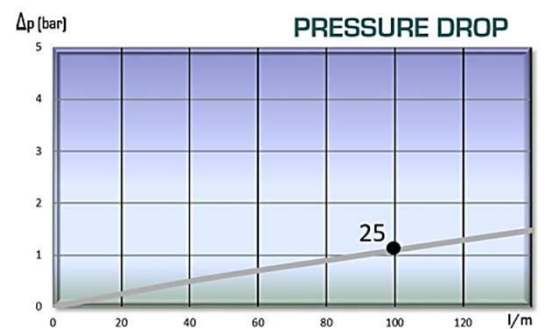
STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
25	1" BSP	108.12115AF	300	46	96.50	50.8	126

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Connected	
25	100 l/m	950	980	920	300

Test performed according to ISO 18869



108-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





109 SERIES SMP HIGH PRESSURE

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 410 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-3/-1/SH
	Balls:	AISI 1010/1015 / SS316
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or ball	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	
Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)	
Interchange:	PARKER SM Series	

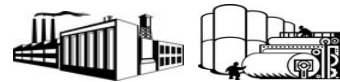
Available Size: 1/4" a 3/4"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors:

Carbon Steel → Industrial



Stainless Steel → Industrial / Chemical / Offshore



*Others upon request.

MODEL STRUCTURE

Example:

109.12111 BB

Series	Material	Part	Closing	O-rings	Size (S)	Thread
109.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	2 letters (see Table of Threads page 999-1)
	2 SS316	2 Female	1 Poppet	1 NBR	3 13	
			2 Ball	2 VITON	4 20	
				3 EPDM		

109-1

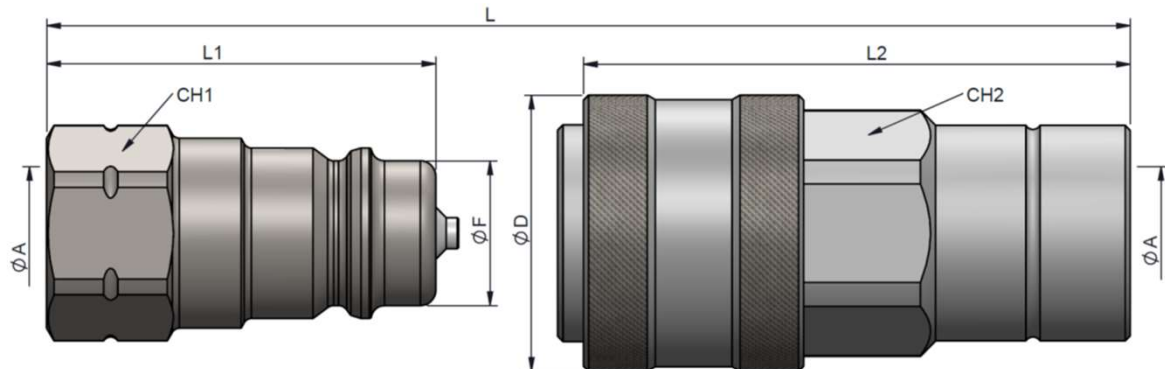
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109 SERIES SMP HIGH PRESSURE



(S) 6 - 1/4"



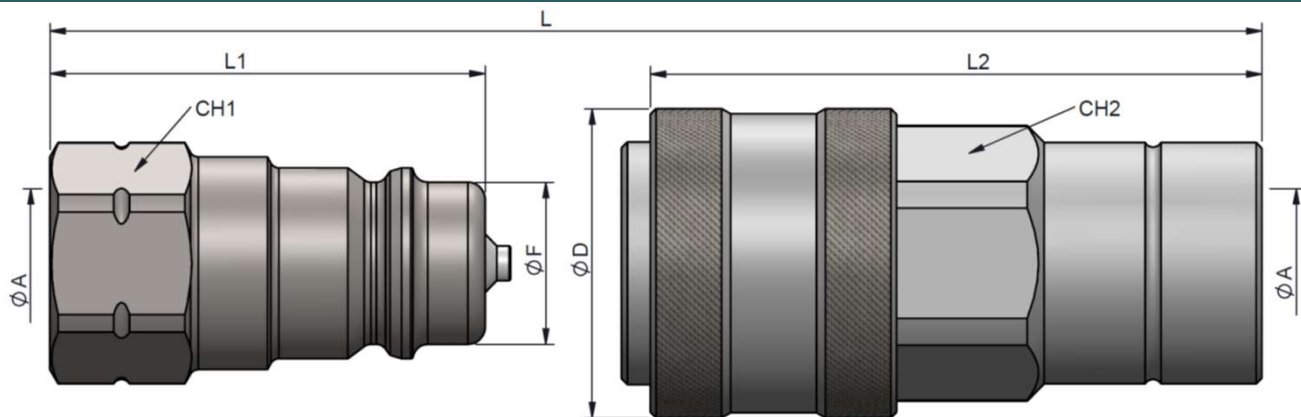
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	109.11111AB		19	38	14	76
	1/4" NPTF	109.11111BB					



STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	109.12111AB		19	58	27	76
	1/4" NPTF	109.12111BB					



(S) 13 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	109.11113AD		27	46	23.50	92
	1/2" NPTF	109.11113BD					
	3/4" - 16h UNF (ORB)	109.11113GF					
	7/8" - 14h UNF (ORB)	109.11113GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	109.12113AD		27	74	42	92
	1/2" NPTF	109.12113BD					
	3/4" - 16h UNF (ORB)	109.12113GF					
	7/8" - 14h UNF (ORB)	109.12113GH					

109-2

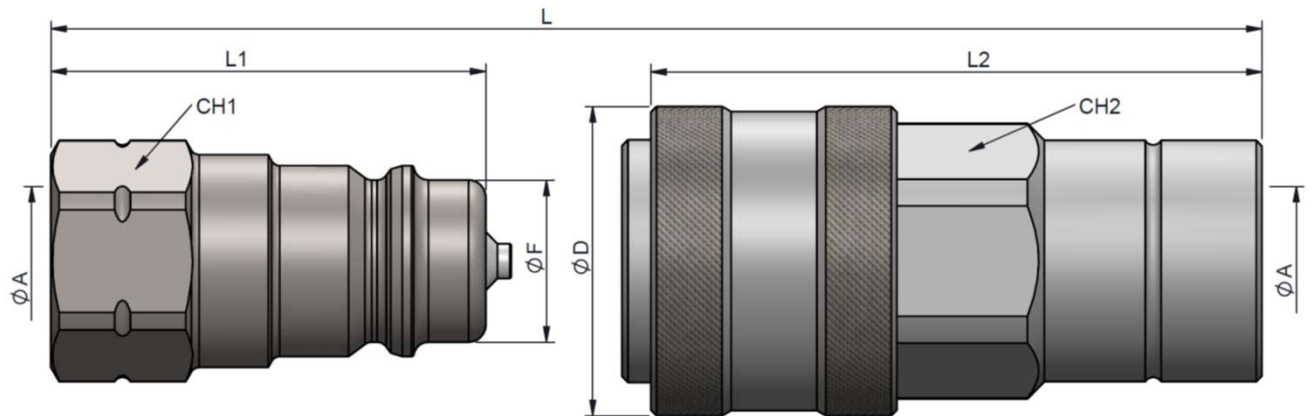
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109 SERIES SMP HIGH PRESSURE

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
19	3/4" BSP	109.11114AE		310	36	56	31.50
	3/4" NPTF	109.11114BE					
	1 1/16" - 12h UN (ORB)	109.11114GK					
							112

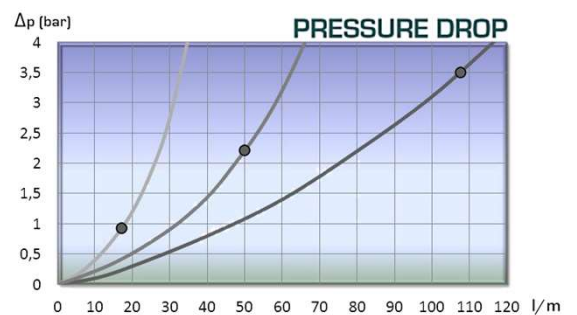
STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
19	3/4" BSP	109.12114AE		310	36	90	52
	3/4" NPTF	109.12114BE					
	1 1/16" - 12h UN (ORB)	109.12114GK					
							112

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	
6.3	15 l/m	1500	1600	1300	410
12.5	50 l/m	1400	1500	1300	410
20	110 l/m	1250	1400	1250	310

Test performed according to ISO 18869



109-3

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1077 SERIES TNS

PUSH PULL

INTEVA

Manufactured according to ISO 7241-A & ISO 5675 norms.

TECHNICAL SPECIFICATIONS

Features:	When the coupling is connected, they can rotate even under pressure thus avoiding any torsional stress in the flexible hoses. Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.										
Operating pressure:	Up to 250 Bar	Available Size: 1/2"									
Materials:	Body: Carbon Steel EN 10277-3 O-rings: NBR / VITON / EPDM Back-up-ring: PTFE Springs: EN 10270-1/SH Balls: AISI 1010/1015	Working Temperature (O-rings)									
Available Threads:	BSP / NPTF / ISO 9974-2 (DIN 3852-11) ISO 11926 (J1926) / ISO 8434-2 (J514/JIC) ISO 6149-2 / ISO 8434-1 (DIN 2353)*	<table border="1"> <thead> <tr> <th>NBR</th><th>Viton</th><th>EPDM</th></tr> </thead> <tbody> <tr> <td>+100°C</td><td>+200°C</td><td>+150°C</td></tr> <tr> <td>-30°C</td><td>-10°C</td><td>-40°C</td></tr> </tbody> </table>	NBR	Viton	EPDM	+100°C	+200°C	+150°C	-30°C	-10°C	-40°C
NBR	Viton	EPDM									
+100°C	+200°C	+150°C									
-30°C	-10°C	-40°C									
Closing System:	Poppet Valve / C.U.R.P.	Sectors: Industrial / Agricultural									
Connection/Disconnection:	Push / Pull										
Connection Under Pressure:	Poppet: Allowed in Male < 250 Bar C.U.R.P.: Allowed in both < 250 Bar										
		Applications: Designed for Hydraulic Oil (Group II-2014/68/EU) Interchange: Poppet: RSD (Parker) / 3CFPV (Faster) C.U.R.P.: 4SRPV (Faster)									

*Others upon request

MODEL STRUCTURE

Example:

1077.12113 OM

Series	Material	Part	Closing	O-rings	Size (S)	Thread
1077.	1 Carbon St.	2 Female	0 Without 1 Poppet 3 C.U.R.P	0 Without 1 NBR 2 VITON 3 EPDM	3 13 1/2"	2 letters (see Table of Threads page 999-1)

1077-1

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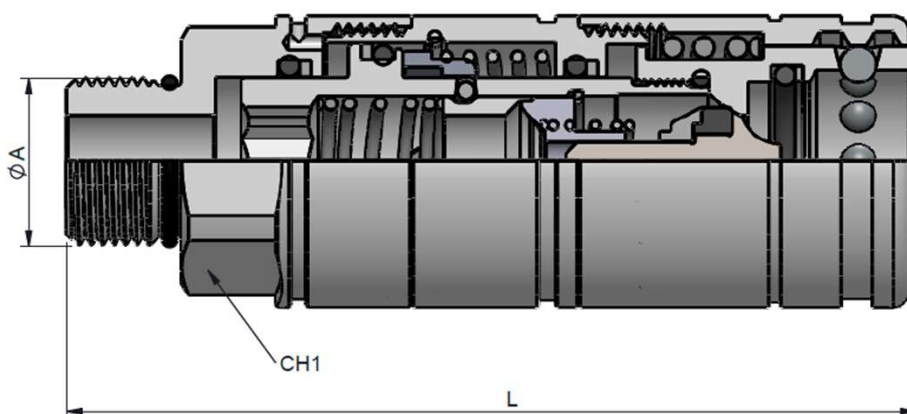
1077 SERIES

TNS

POPPET VALVE

Manufactured according to ISO 7241-A & ISO 5675 norms.
Push-pull coupling, connectable with the male under residual pressure.

(S) 13 - 1/2"



(S)	ØA	REF.	THREAD	STANDARD	L	CH	
13	1/2" BSP	1077.12113AD	FEMALE	BS5200	107	32	250
	1/2" NPTF	1077.12113BD	FEMALE	ANSI B1.20.3	107		
	3/4"- 16h UNF	1077.12113GF	FEMALE	SAE J1926-1	107		
	7/8"- 14h UNF	1077.12113GH	FEMALE	SAE J1926-1	109		
	1/2" BSP	1077.12113AO	MALE	BS5200	109		
	3/4"- 16h UNF	1077.12113HF	MALE	SAE J1926-2	108		
	7/8"- 14h UNF	1077.12113HH	MALE	SAE J1926-2	114		
	1 1/16"-12h UN	1077.12113HK	MALE	SAE J1926-2	111		
	M18x1.50	1077.12113OH	MALE	ISO 6149-2	113		
	M22x1.50	1077.12113OM	MALE	ISO 6149-2	111		
	M22x1.5 15L	1077.12113JG	MALE	ISO 8434-1 / DIN 2353	118		
	M30x2 22L	1077.12113JJ	MALE	ISO 8434-1 / DIN 2353	118		
	M22x1.5 14S	1077.12113KG	MALE	ISO 8434-1 / DIN 2353	118		
	M18x1.5 12L	1077.12113LE	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M22x1.5 15L	1077.12113LG	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M24x1.5 16S	1077.12113MH	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	3/4"- 16h UNF	1077.12113YF	MALE	ISO 8434-2	111		
	7/8"- 14h UNF	1077.12113YH	MALE	ISO 8434-2	115		
	3/4"- 16h UNF	1077.12113YFP	BULKHEAD MALE	ISO 8434-2	125		
	7/8"- 14h UNF	1077.12113YHP	BULKHEAD MALE	ISO 8434-2	129		
	13/16"- 16h UN	1077.12113ZG	MALE	ISO 8434-3	109		
	1"- 14h UNS	1077.12113ZIP	BULKHEAD MALE	ISO 8434-3	130		
	1 3/16"- 12h UN	1077.12113ZMP	BULKHEAD MALE	ISO 8434-3	137		
	M22x1.50	1077.12113QM	MALE	ISO 9974-2 / DIN 3852-11	110		

1077-2

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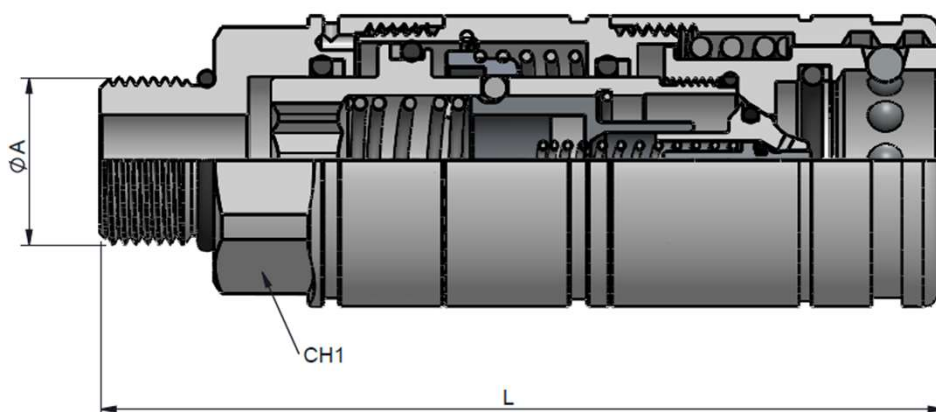
1077 SERIES TNS

C.U.R.P.

INTEVA

Manufactured according to ISO 7241-A & ISO 5675 norms.
Push-pull coupling, connectable under residual pressure in both male and female side

(S) 13 - 1/2"



(S)	ØA	REF.	THREAD	STANDARD	L	CH	
13	1/2" BSP	1077.12313AD	FEMALE	BS5200	107	32	250
	1/2" NPTF	1077.12313BD	FEMALE	ANSI B1.20.3	107		
	3/4"- 16h UNF	1077.12313GF	FEMALE	SAE J1926-1	107		
	7/8"- 14h UNF	1077.12313GH	FEMALE	SAE J1926-1	109		
	1/2" BSP	1077.12313AO	MALE	BS5200	109		
	3/4"- 16h UNF	1077.12313HF	MALE	SAE J1926-2	108		
	7/8"- 14h UNF	1077.12313HH	MALE	SAE J1926-2	114		
	1 1/16"-12h UN	1077.12313HK	MALE	SAE J1926-2	111		
	M18x1.50	1077.12313OH	MALE	ISO 6149-2	113		
	M22x1.50	1077.12313OM	MALE	ISO 6149-2	111		
	M22x1.5 15L	1077.12313JG	MALE	ISO 8434-1 / DIN 2353	118		
	M30x2 22L	1077.12313JJ	MALE	ISO 8434-1 / DIN 2353	118		
	M22x1.5 14S	1077.12313KG	MALE	ISO 8434-1 / DIN 2353	118		
	M18x1.5 12L	1077.12313LE	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M22x1.5 15L	1077.12313LG	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	M24x1.5 16S	1077.12313MH	BULKHEAD MALE	ISO 8434-1 / DIN 2353	122		
	3/4"- 16h UNF	1077.12313YF	MALE	ISO 8434-2	111		
	7/8"- 14h UNF	1077.12313YH	MALE	ISO 8434-2	115		
	3/4"- 16h UNF	1077.12313YFP	BULKHEAD MALE	ISO 8434-2	125		
	7/8"- 14h UNF	1077.12313YHP	BULKHEAD MALE	ISO 8434-2	129		
	13/16"- 16h UN	1077.12313ZG	MALE	ISO 8434-3	109		
	1"- 14h UNS	1077.12313ZIP	BULKHEAD MALE	ISO 8434-3	130		
	1 3/16"- 12h UN	1077.12313ZMP	BULKHEAD MALE	ISO 8434-3	137		
	M22x1.50	1077.12313QM	MALE	ISO 9974-2 / DIN 3852-11	110		

1077-3

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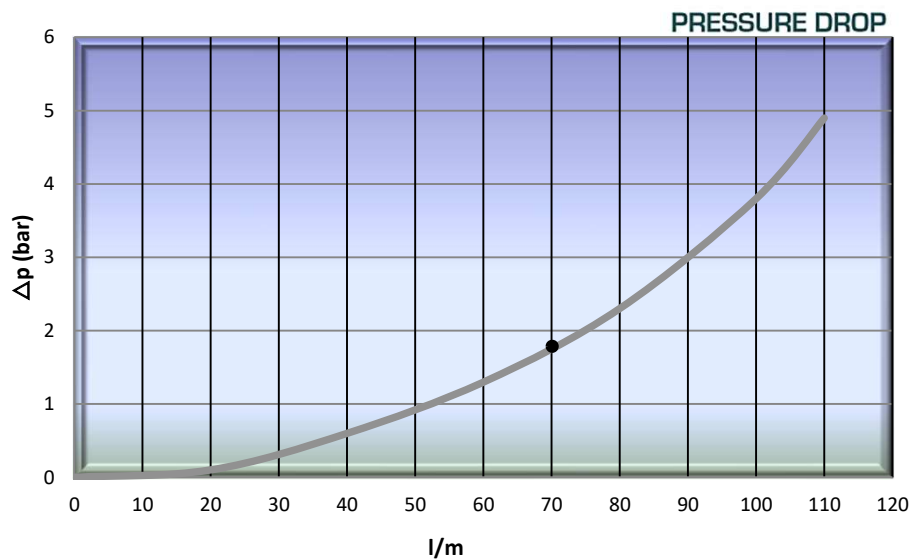


1077 SERIES TNS

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure			Max. Working Pressure	Spillage	Force To Connect
	l/m	Male	Female	Coupled	Bar	cc	N
13	70	-	1000	1100	250	1.8	220

Test performed according to ISO 18869



1077-4

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120 SERIES IFR




Manufactured according ISO 5676 / ISO / TC23 / NFU 16006 norms.

TECHNICAL SPECIFICATIONS

Features:	Designed to connect the braking circuit of trailers to the hydraulic circuit of agricultural machines.		
Operating pressure:	Up to 150 Bar		Available Size: 1/2"
Materials:	Body:	Carbon Steel EN 10277-3	
	O-rings:	NBR / VITON / EPDM	
	Back-up-ring:	PTFE	
	Springs:	EN 10270-1/SH	
	Balls:	AISI 1010/1015	
Available Threads:	BSP / NPTF / ISO 9974 (DIN 3852) THREADS ESPECIALES		
Closing System:	Flat Valve		
Connection:	Sleeve Retraction & Press to connect		
Disconnection:	Sleeve Retraction		
Connection Under Pressure:	Not Allowed		

Working Temperature (O-rings)			
	NBR	Viton	EPDM
	+100°C -30°C	+200°C -10°C	+150°C -40°C

Sectors: Agricultural

Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange: FASTER VF - GROMELLE Q-9000

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER VF - GROMELLE Q-9000

**Others upon request.*

MODEL STRUCTURE

Example:

120.11113 JE

Series	Material	Part	Closing	O-rings	Size (S)	Thread
120.	1 Carbon St.	1 Male 2 Female	1 Flat	1 NBR 2 VITON 3 EPDM	3 13 1/2"	2 letters (see Table of Threads page 999-1)

120-1

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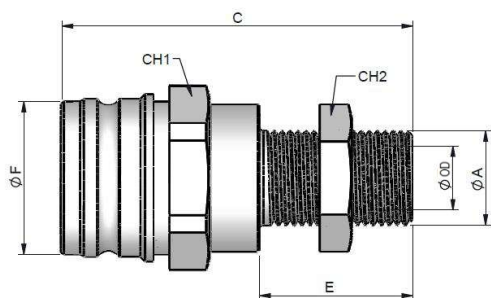





120 SERIES IFR

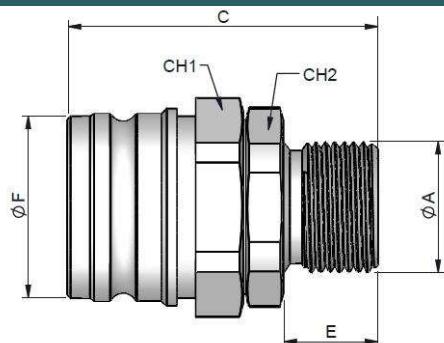
Manufactured according to ISO 5676 / ISO / TC23 / NFU 16006.

(S) 13 - 1/2" – MALE – BULKHEAD MALE THREAD



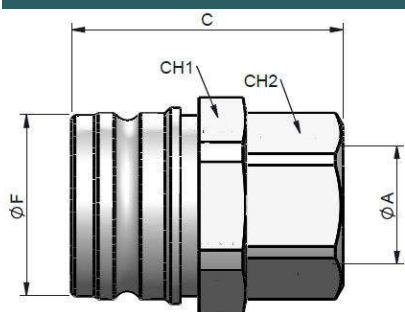
(S)	ØA	OD	REF.		CH1	CH2	C	ØF	E
13	M18x1.5	12L	120.11113LE	150	32	24	59	29	29
	M22x.15	15L	120.11113LG			27			
	1/2" BSP	-	120.11113CO						
	M20x1.5	13L	120.11113KFA						

(S) 13 - 1/2" – MALE – MALE THREAD BSPP



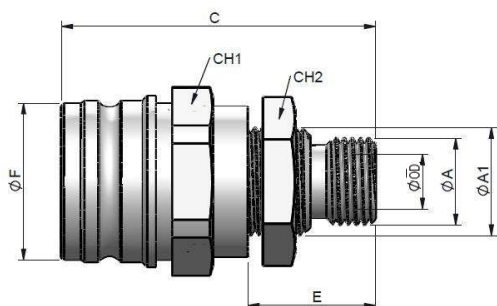
(S)	ØA	REF.		CH1	CH2	C	ØF	E
13	1/2" BSP	120.11113AO	150	32	30	49.5	29	15

(S) 13 - 1/2" – MALE – FEMALE THREAD BSPP



(S)	ØA	REF.		CH1	CH2	C	ØF
13	1/2" BSP	120.11113AD	150	32	30	59.5	29

(S) 13 - 1/2" – MALE – SPECIAL BULKHEAD MALE THREAD



(S)	ØA	ØA1	OD	REF.		CH1	CH2	C	ØF	E
13	M16x1.5	M36x2	10L	120.11113JDA	150	32	27	54	29	26
	M20x1.5									

120-2

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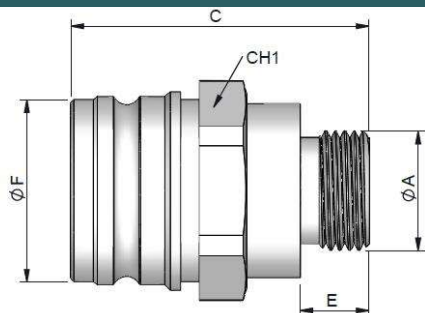




120 SERIES IFR

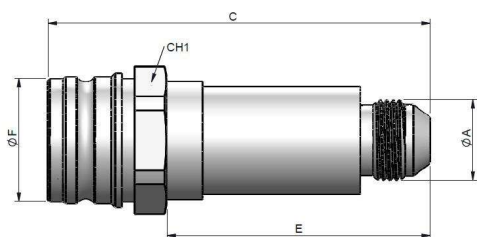
Manufactured according to ISO 5676 / ISO / TC23 / NFU 16006.

(S) 13 - 1/2" – MALE – SPECIAL MALE THREAD



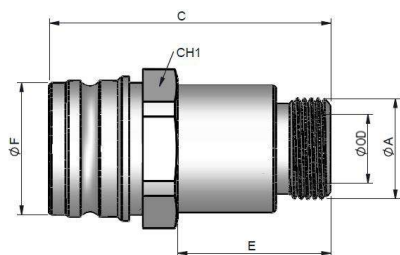
(S)	ØA	REF.		CH1	C	ØF	E
13	3/4"-16h UNF	120.11113HFA	150	32	47.50	29	19.50

(S) 13 - 1/2" – MALE – SPECIAL PROLONGED MALE THREAD



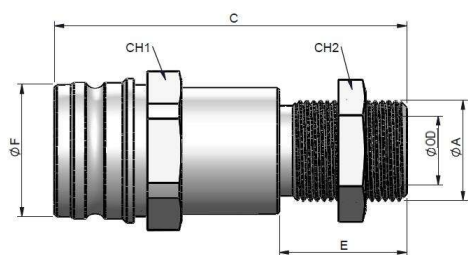
(S)	ØA	REF.		CH1	C	ØF	E
13	3/4"-16h UNF	120.11113GFA	150	32	90	29	62

(S) 13 - 1/2" – MALE – SPECIAL PROLONGED MALE THREAD



(S)	ØA	OD	REF.		CH1	C	ØF	E
13	M22X1.5	15L	120.11113JGA	150	32	61.5	29	35

(S) 13 - 1/2" – MALE – SPECIAL PROLONGED BULKHEAD MALE THREAD



(S)	ØA	OD	REF.		CH1	CH2	C	ØF	E
13	M22X1.5	15L	120.11113LGA	150	32	27	61.5	29	49.50

120-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



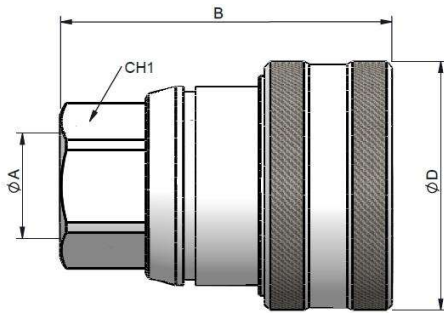


120 SERIES IFR

Manufactured according to ISO 5676 / ISO / TC23 / NFU 16006.

(S) 13 - 1/2" – FEMALE – FEMALE THREAD

Observation: Metallic parking included in all female models.

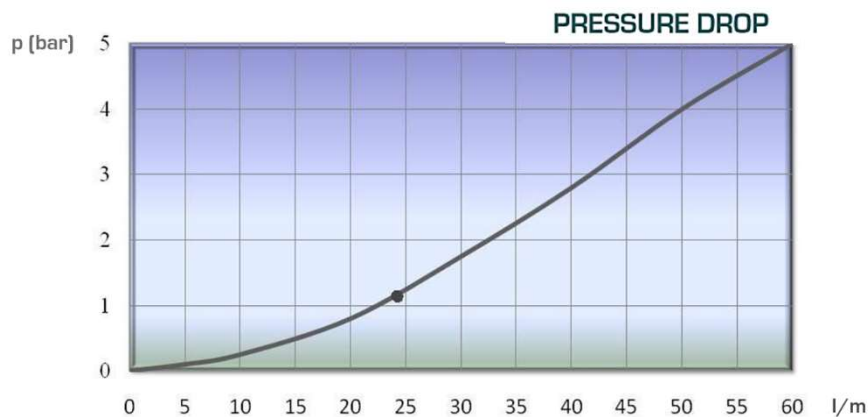


(S)	ØA	REF.		CH1	B	ØD
13	3/8" BSP	120.12113AC	150	32	60	45
	1/2" BSP	120.12113AD				
	M18x1.5	120.12113NH				
	M20x1.5	120.12113NF				

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure	Spillage
	l/m	Male	Female	Coupled	Bar	cc
13	24	1360	640	1260	150	13

Test performed according to ISO 18869



120-4

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





120 SERIES IFR

CAPS &
PARKINGS

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 5676 / ISO / TC23 / NFU 16006

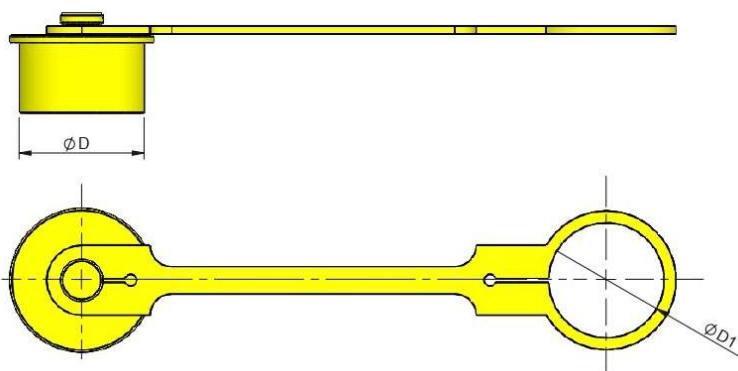
MODEL STRUCTURE / DIMENSIONS

Example:

120.5433 AA

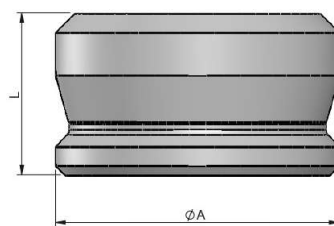
Series	Material	Part	Color	Size (S)	Type
120.	1 Carbon St. 5 Plastic	4 Cap 5 Parking	3 Yellow	3 13 1/2"	AA

(S) 13



DUST CAP

(S)	REF.	ØD	ØD1
13	120.5433AA	30	30



PARKING

(S)	REF.	L	ØA
13	120.1533AA	17	29.80

120-5

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





125 SERIES TFH

HIGH FLOW

Available in Stainless Steel and Brass

TECHNICAL SPECIFICATIONS

Features:	Robust Design - Great durability	
	Safety sleeve to prevent accidental disconnection.	
	Optional depressurizer (C.U.R.P.*) that evacuates residual pressure during connection.	
	Double O-ring for optimal sealing..	
Operating pressure:	Up to 450 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP *	
Closing System:	Poppet Valve or C.U.R.P.**	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version	

Available Size: 1/4" a 1 1/2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C -30°C	+200°C -10°C	+150°C -40°C

Sectors: Industrial



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: RECTUS TEMA T-SERIES
CEJN Series 525

*Others upon request.

MODEL STRUCTURE

Example:

125.12312 AC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
125.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	1/4"
	2 SS316	2 Female	1 Poppet	1 NBR	2 10	3/8"
	4 Brass		3 C.U.R.P	2 VITON	3 13	1/2"
				3 EPDM	4 20	3/4"
					5 25	1"
					7 40	1 1/2"

**CURP = Connection Under Pressure Residual / Not available in 1/4" size

125-1

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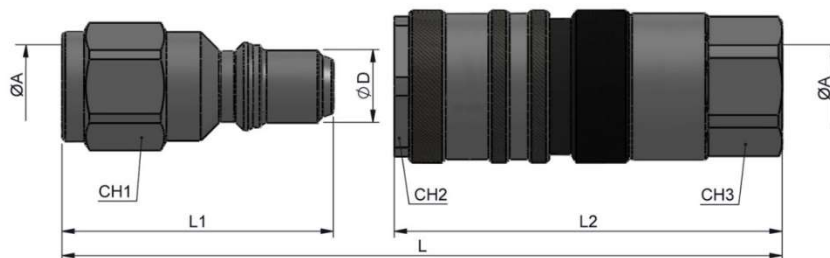
v11



125 SERIES TFH

HIGH FLOW

(S) 6 - 1/4"



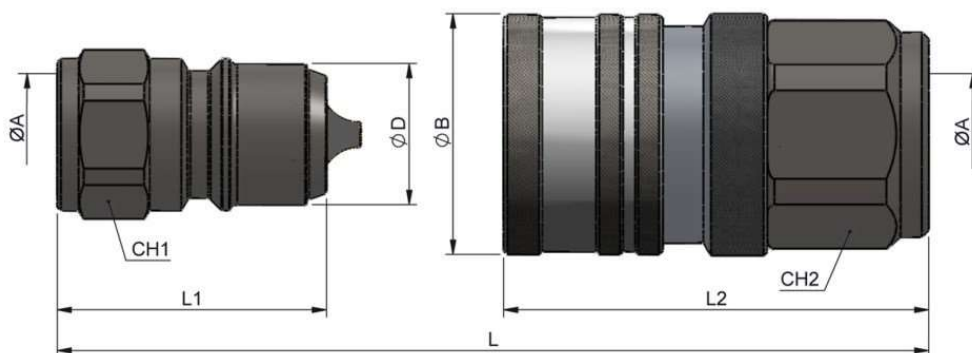
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
6	1/4" BSP	125.11111AB	450	19	12	45	81


STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
6	1/4" BSP	125.12111AB	450	22	21	64	81

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
10	3/8" BSP	125.11112AC	350	22	20	38	74

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
10	3/8" BSP	125.12112AC	350	30	34	60	74

125-2

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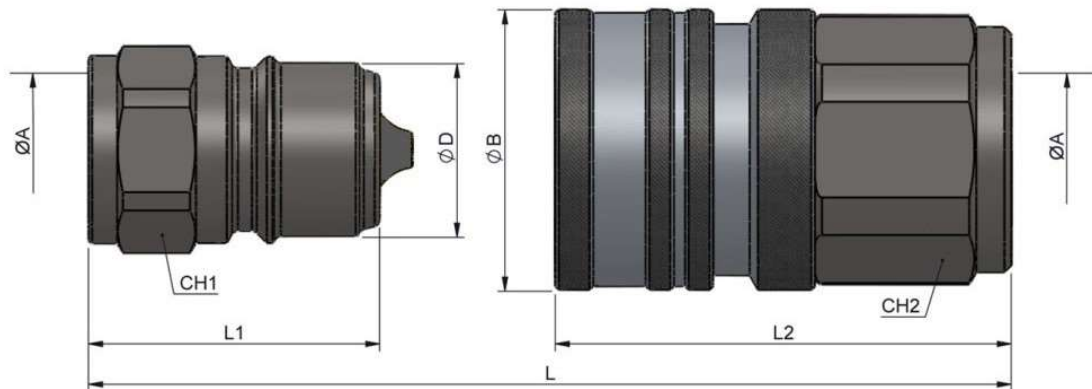





125 SERIES TFH

HIGH FLOW


(S) 13 - 1/2"



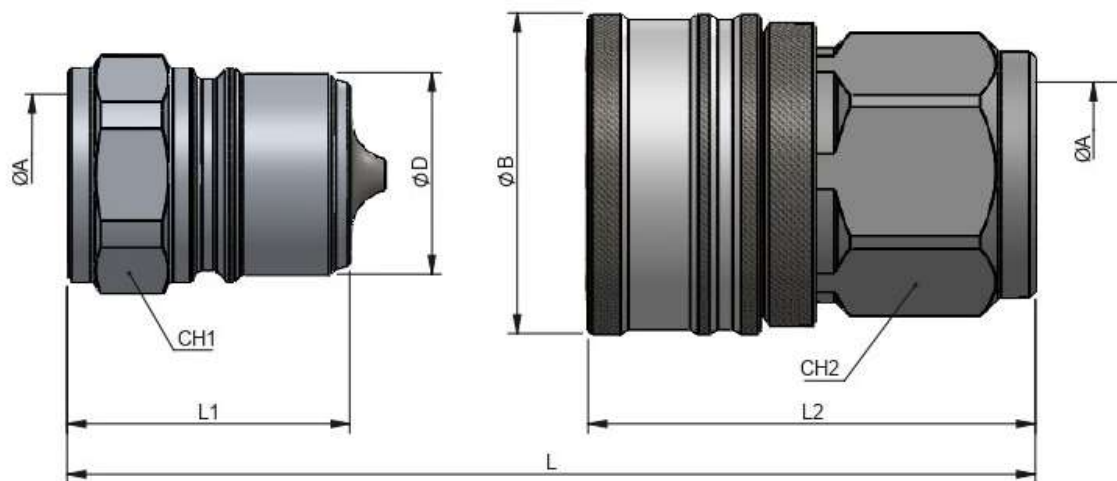
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
13	1/2" BSP	125.11113AD	300	27	24.7	42	82

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
13	1/2" BSP	125.12113AD	300	36	40	65	82

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
20	3/4" BSP	125.11114AE	280	36	32.7	46	91

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
20	3/4" BSP	125.12114AE	280	41	52	72	91

125-3

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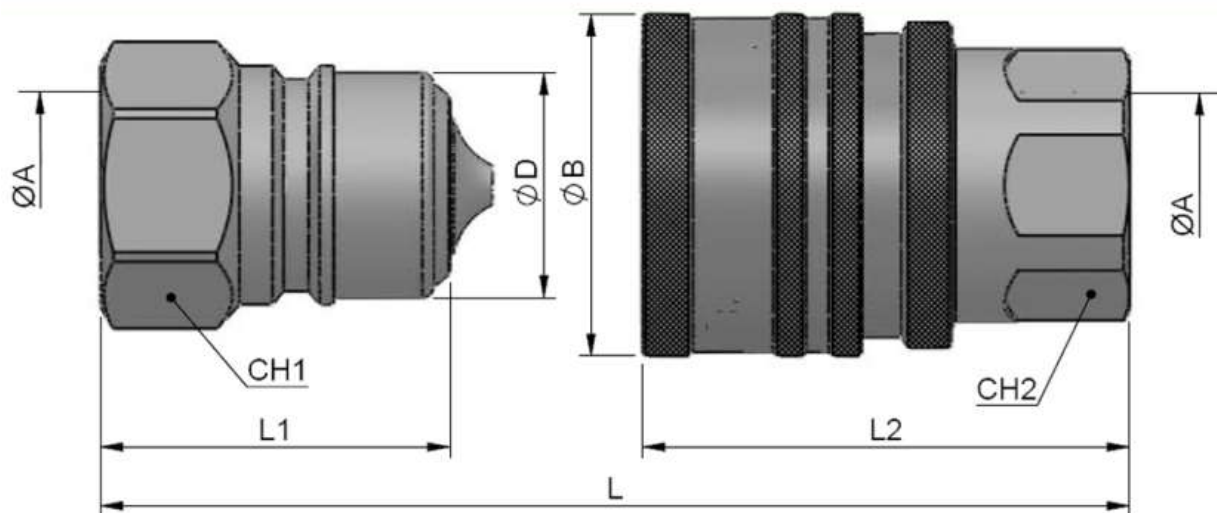


125 SERIES TFH


HIGH FLOW



(S) 25 - 1"



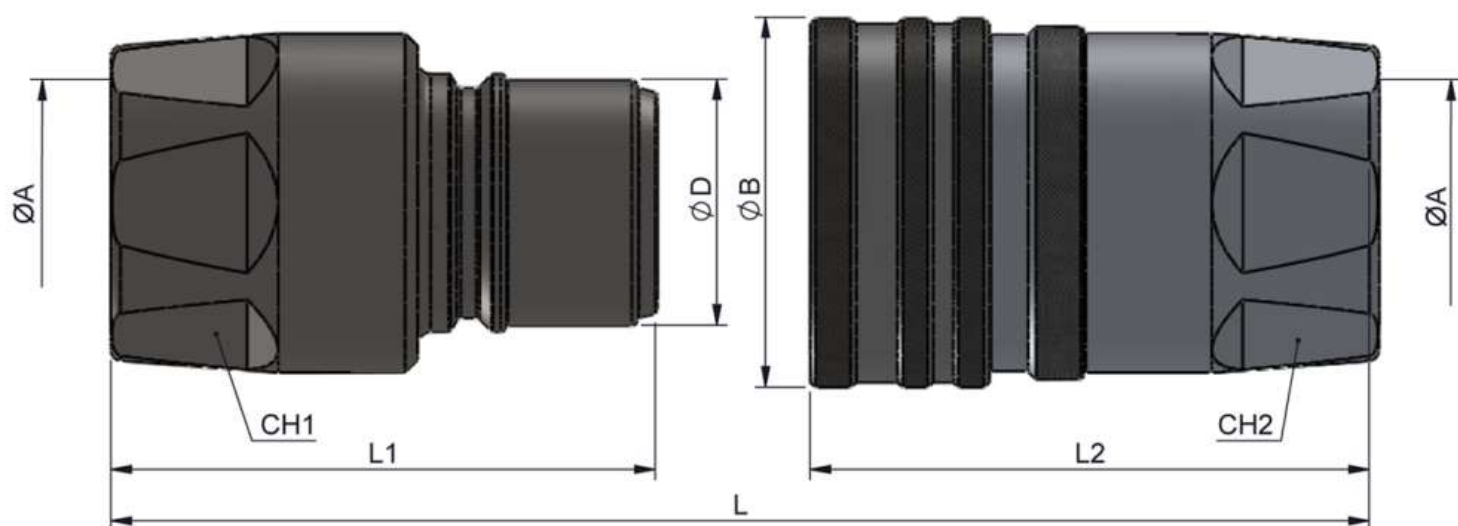
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
25	1" BSP	125.11115AF	250	46	40.8	63	115

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
25	1" BSP	125.12115AF	250	46	62	88	115

(S) 40 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
38	1 1/2" BSP	125.11117AH	200	60	48.5	107	173

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
38	1 1/2" BSP	125.12117AH	200	60	73	112	173

125-4

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v11



125 SERIES TFH

CAPS &
PLUGS

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.

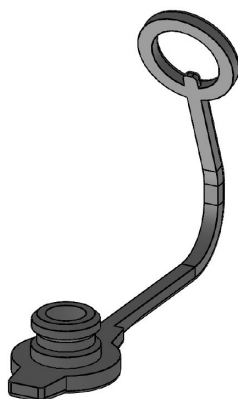
MODEL STRUCTURE / DIMENSIONS

Example:

125.5373 AA

Series	Material	Part	Color	Size (S)	Type
125.	5 Plastic	3 Plug 4 Cap	7 Grey	1 6 1/4" 2 10 3/8" 3 13 1/2" 4 20 3/4" 5 25 1"	AA

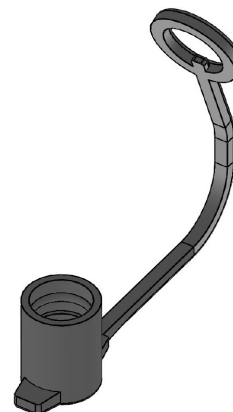
(S) 6 – (S) 25 – PLASTIC



PLUG (COUPLER)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	GREY
6	*	*	*	*	*	125.5371AA
10	*	*	*	*	*	125.5372AA
13	*	*	*	*	*	125.5373AA
20	*	*	*	*	*	125.5374AA
25	*	*	*	*	*	125.5375AA

* Not available.



CAP (NIPPLE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	GREY
6	*	*	*	*	*	125.5471AA
10	*	*	*	*	*	125.5472AA
13	*	*	*	*	*	125.5473AA
20	*	*	*	*	*	125.5474AA
25	*	*	*	*	*	125.5475AA

125-5

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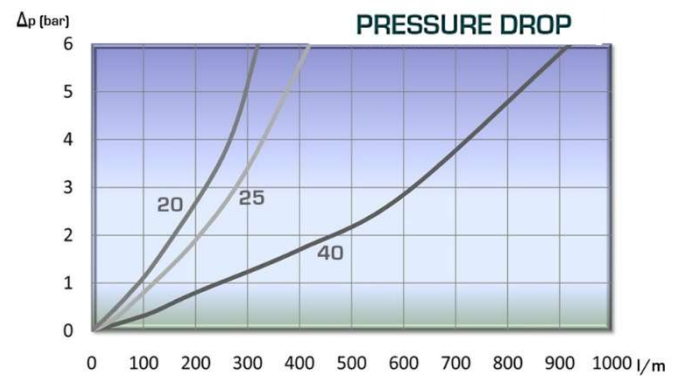
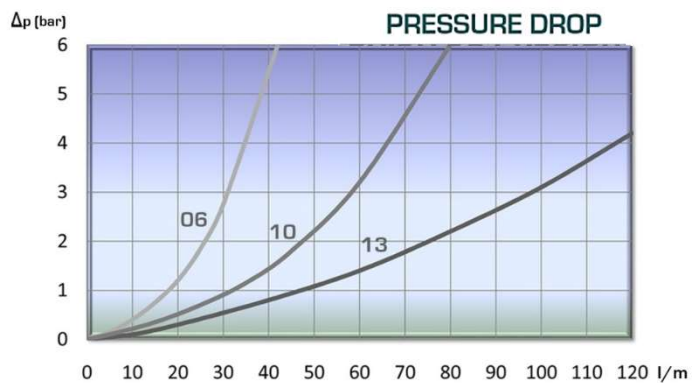


125 SERIES TFH

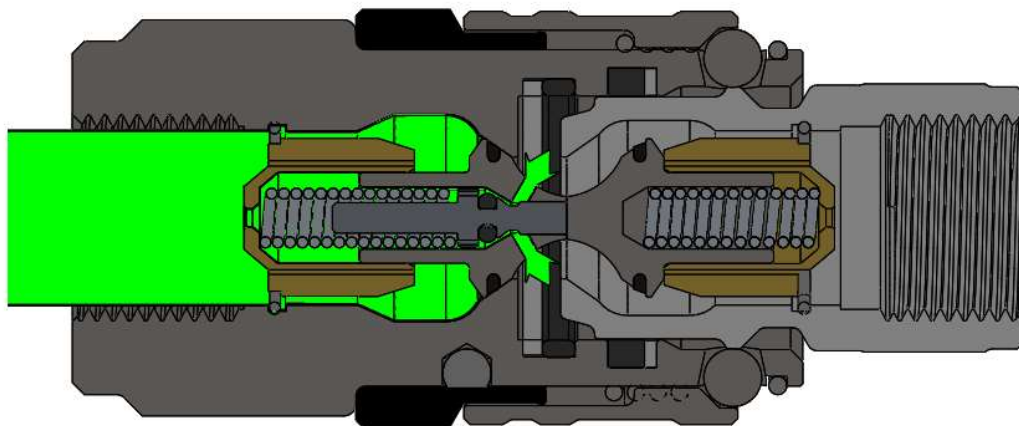
TECHNICAL DATA

(S)	Min. Burst Pressure (Bar)			Max. Working Pressure
	Male	Female	Coupled	Bar
6	1650	1700	1800	450
10	1320	1400	1400	350
13	1100	1200	1200	300
19	1050	1100	1120	280
25	980	1050	1000	250
40	750	780	800	200

Test performed according to ISO 18869



FLOW SIMULATION



125-6

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



126 SERIES TPL HIGH FLOW

INTEVA

Available in other materials upon minimum order

TECHNICAL SPECIFICATIONS

Features: High flow rate and reduced pressure drop.
Designed for high pressure applications in cleaning systems.

Operating pressure: Up to 600 Bar

Materials:

Body:	Carbon Steel EN -10277-3*
O-rings:	NBR / VITON
Back-up-ring:	PTFE
Springs:	EN 10270-1/SH
Balls:	AISI 1010/1015

Available Threads: BSP / NPTF*

Closing System: Free Flow (without valve)

Connection: Sleeve Retraction & Press to connect
Disconnection: Sleeve Retraction

Connection Under Pressure: Not Allowed

Available Size: 3/8"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial, High pressure cleaning systems



Applications: Designed for Hydraulic Oil & Hot Water (Group II- 2014/68/EU)

Interchange: 3/8" TEMA 3800 / KEW

*Others upon request.

MODEL STRUCTURE

Example:

126.12012 AC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
126.	1 Carbon St. 2 SS316 4 Brass 8 Carbon St. Ni. 9 Brass Ni.	1 Male 2 Female	0 Without	0 Without 1 NBR 2 VITON	2 10 3/8"	2 letters (see Table of Threads page 999-1)

126-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

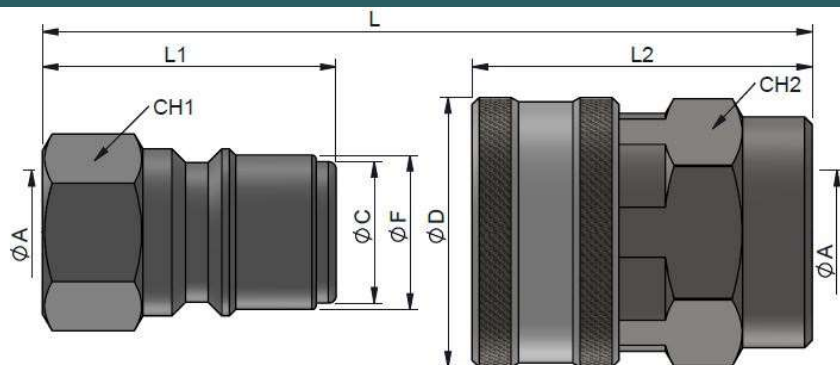




126 SERIES TPL

HIGH FLOW

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØC	ØF
10	3/8" BSP	126.11012AC		22	38	18	20
	3/8" NPTF	126.11012BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	126.12012AC		30	44	35	58
	3/8" NPTF	126.12012BC					

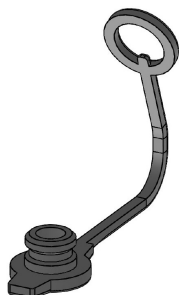
MODEL STRUCTURE / DIMENSIONS

Example:

125.5372 AA

Series	Material	Part	Color	Size (S)	Type
125.	5 Plastic	3 Plug 4 Cap	7 Grey	2 10 3/8"	AA

(S) 6 – (S) 25 – PLASTIC



PLUG (COUPLER)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	GREY
10	*	*	*	*	*	125.5372AA

* Not available.



CAP (NIPPLE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	GREY
10	*	*	*	*	*	125.5472AA

126-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



127 SERIES JAP



Specially designed for the Japanese market

TECHNICAL SPECIFICATIONS

Features:	Specially designed for the Japanese market	
Operating pressure:	Up to 250 Bar	
Materials:	Body:	Carbon Steel EN -10277-3*
	O-rings:	NBR / VITON
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP	
Closing System:	Poppet Valve	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial, Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER HNVN

**Others upon request.*

MODEL STRUCTURE

Example:

127.11115 AF

Series	Material	Part	Closing	O-rings	Size (S)	Thread
127.	1 Carbon St.	1 Male 2 Female	1 Poppet	0 Without 1 NBR 2 VITON 3 EPDM	5 25 1"	2 letters (see Table of Threads page 999-1)

127-1

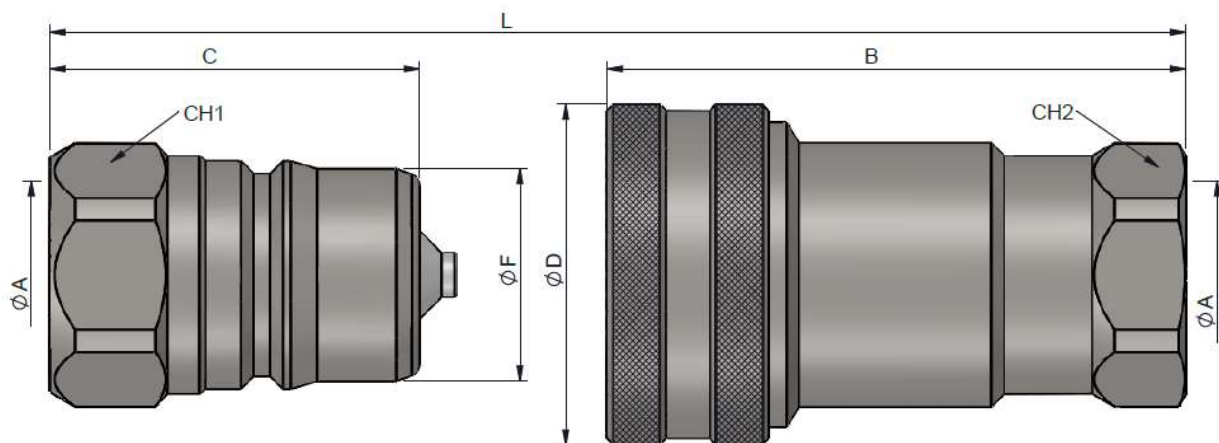
INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





127 SERIES JAP

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
25	1" BSP	127.11115AF	250	41	63	36.20	126

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
25	1" BSP	127.12115AF	250	41	98.6	58	126

127-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





128 SERIES TVZ

Manufactured according to the requirements of the most important truck manufacturer in Spain

TECHNICAL SPECIFICATIONS

Features: Manufactured according to the requirements of the most important truck manufacturer.

Operating pressure: Up to 250 Bar

Available Size: 3/4" y 1"

Materials: Body: Carbon Steel EN -10277-3*

Working Temperature (O-rings)

O-rings: NBR / VITON

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Back-up-ring: PTFE

Springs: EN 10270-1/SH

Balls: AISI 1010/1015

Sectors: Industrial, Agricultural

Available Threads: BSP



Closing System: Poppet de Ball

Connection: Sleeve Retraction & Press to connect

Disconnection: Sleeve Retraction

Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Connection Under Pressure: Not Allowed

Interchange: TALLERES ARIZA

*Others upon request.

MODEL STRUCTURE

Example:

128.12215 AF

Series	Material	Part	Closing	O-rings	Size (S)	Thread
128.	1 Carbon St.	1 Male 2 Female	2 Ball	0 Without 1 NBR 2 VITON 3 EPDM	4 20 5 25	3/4" 1" 2 letters (see Table of Threads page 999-1)

128-1

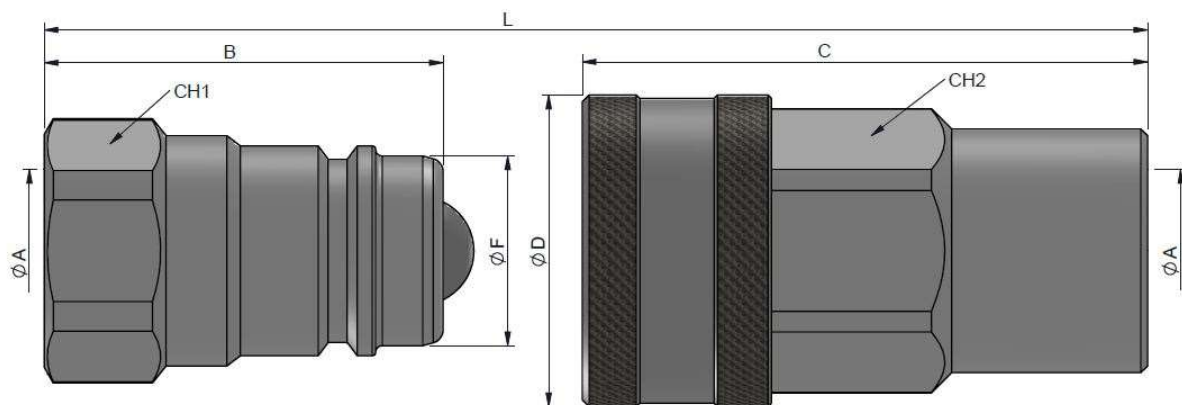
INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





128 SERIES TVZ

(S) 20 - 3/4"



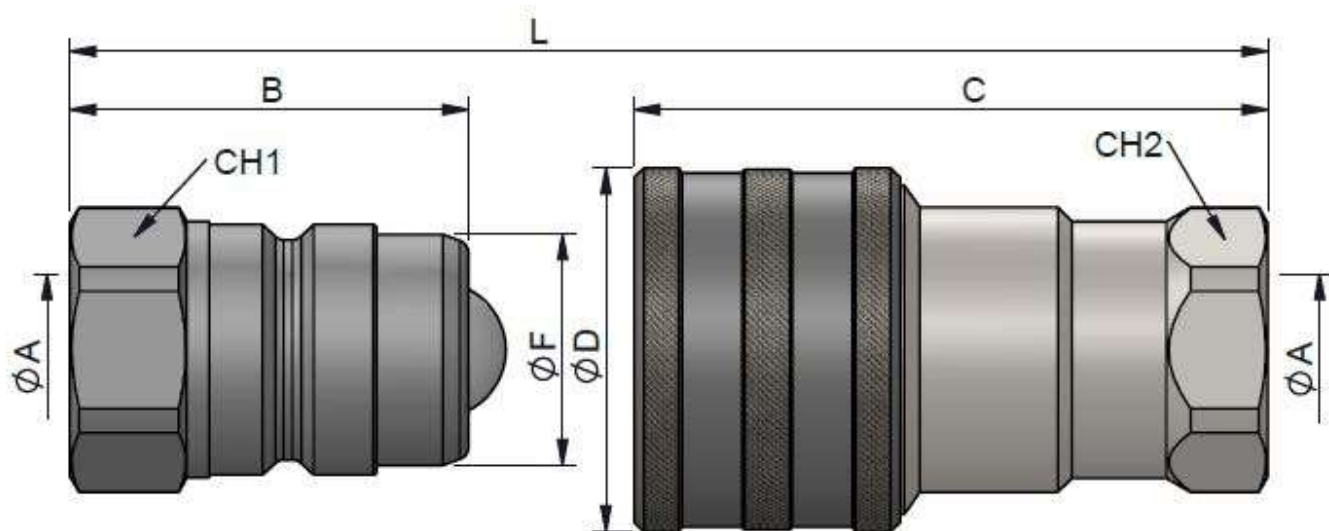
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
20	3/4" BSP	128.11214AE	250	36	59	28	117.5

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
20	3/4" BSP	128.12214AE	250	38	83.50	46	117.5

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
25	1" BSP	128.11215AF	230r	41	63	36.50	124

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
25	1" BSP	128.12215AF	230	41	100	57.5	124



129 SERIES ISO-A

SAFETY SLEEVE

Special series available on minimum order

Manufactured according to ISO 7241-A
(1/2" and 3/4" conform to ISO 5675)

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / BSPT*	
Closing System:	Poppet Valve or Ball	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/4" a 2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial / Agricultural



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER ANV - AEROQUIP FD56
PARKER 6600 - SNAP-TITE 61

*Others upon request.

MODEL STRUCTURE

Example:

129.11112 BC

Series	Material	Part	Closing	O-rings	Size (S)	Thread
129.	1 Carbon St.	1 Male	0 Without	0 Without	1 6	1/4"
	2 SS316	2 Female	1 Poppet	1 NBR	2 10	3/8"
	3 SS303		2 Ball	2 VITON	3 13	1/2"
	4 Brass			3 EPDM	4 20	3/4"
					5 25	1"
					6 32	1 1/4"
					7 40	1 1/2"
					8 50	2"

2 letters (see
Table of
Threads page
999-1)

129-1

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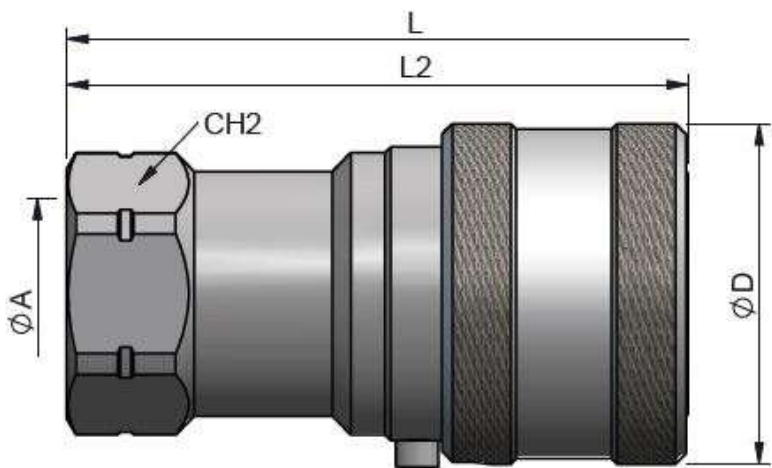


129 SERIES ISO-A

SAFETY SLEEVE

Special series available on minimum order

(S) 6 to 50 - 1/4 to 2"



STANDARD FEMALE MODELS

Inch	(S)	ØA	REF.		CH2	L2	ØD	L
1/4	6	1/4" BSP	129.12111AB	350	19	50	26	72
		1/4" NPTF	129.12111BB					
3/8	10	3/8" BSP	129.12112AC	300	24	58.50	32	81
		3/8" NPTF	129.12112BC					
		3/8" BSPT	129.12112DC					
1/2	13	1/2" BSP	129.12113AD	300	30	63.50	38	87.50
		1/2" NPTF	129.12113BD					
		1/2" BSPT	129.12113DD					
3/4	19	3/4" BSP	129.12114AE	250	38	83.50	46	112
		3/4" NPTF	129.12114BE					
1	25	1" BSP	129.12115AF	230	46	97	55	126
		1" NPTF	129.12115BF					
1 1/4	32	1" 1/4 BSP	129.12116AG	230	50	117	70	150
		1" 1/4 NPTF	129.12116BG					
1 1/2	40	1" 1/2" BSP	129.12117AH	200	60	133	84.50	167
		1" 1/2" NPTF	129.12117BH					
2	50	2" BSP	129.12118AI	130	75	165	100	210
		2" NPTF	129.12118BI					



131 SERIES

CPR

CARBON STEEL

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:

Its internal design and high strength material used, provide high operating characteristics and circuit efficiency.
Minimal fluid spillage to environment.
Resistant to pressure impulses

C.U.R.P. – Connect Under Residual Pressure male couplings available.

Operating pressure:	Up to 500 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926) ISO 8434-1 (DIN 2353)*	
Closing System:	Flat Face / C.U.R.P.**	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed / only C.U.R.P. model	

Available Size: 1/8" a 2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial, Building Machinery



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: FASTER FFH / PARKER FEM
AEROQUIP FD89 / SNAP-TITE 74

*Others upon request.

MODEL STRUCTURE

Example:

131.11113 AD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
131.	1 Carbon St.	1 Male	1 Flat	1 NBR	0 4	1/8"
	3 Carbon St. Ni.	2 Female	3 C.U.R.P.	2 VITON	1 6.3	1/4"
				3 EPDM	2 10	3/8"
					3 12.5	1/2"
					4 16	3/4"
					5 19	1"
					6 25	1 1/4"
					7 30	1 1/2"
					8 45	2"

**C.U.R.P. Is available in male part only

131-1

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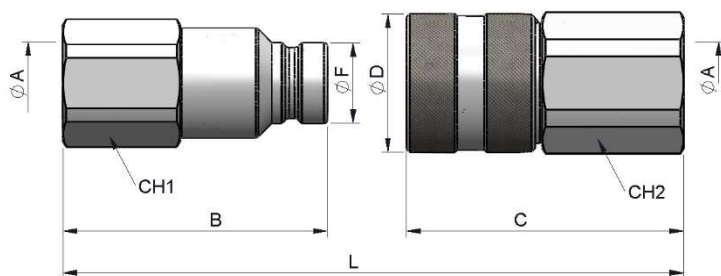
v11



131 SERIES CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 4 - 1/8"



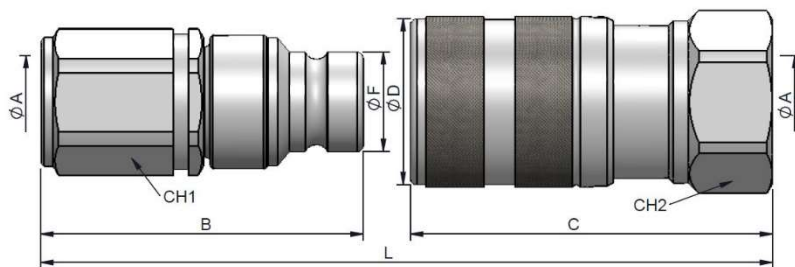
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
4	1/8" BSP	131.11110AA		17	38.35	11.65	70.50
	1/8" NPTF	131.11110BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
4	1/8" BSP	131.12110AA		19	40.2	20	70.50
	1/8" NPTF	131.12110BA					

(S) 6.3 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.11111AB		22	52.5	16.20	103
	1/4" NPTF	131.11111BB					
	9/16"- 18h UNF	131.11111GD					
	M16X1.5	131.11111ND					
	M18X1.5	131.11111NE					

STANDARD FEMALE MODELS

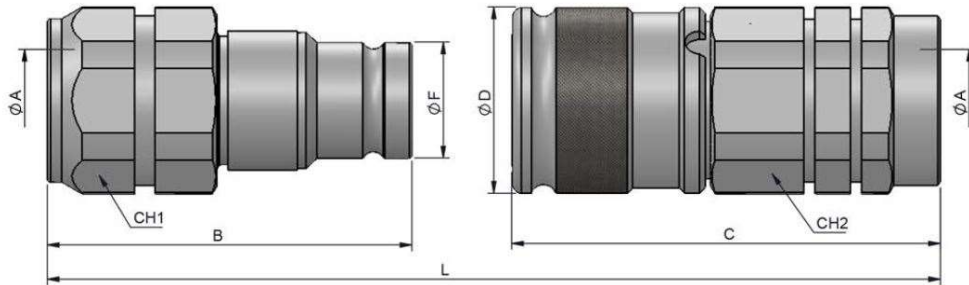
(S)	ØA	REF.		CH2	C	ØD	L
6.3	1/4" BSP	131.12111AB		27	62	28	103
	1/4" NPTF	131.12111BB					
	9/16"- 18h UNF	131.12111GD					
	M16X1.5	131.12111ND					
	M18X1.5	131.12111NE					



131 SERIES CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 10 - 3/8"



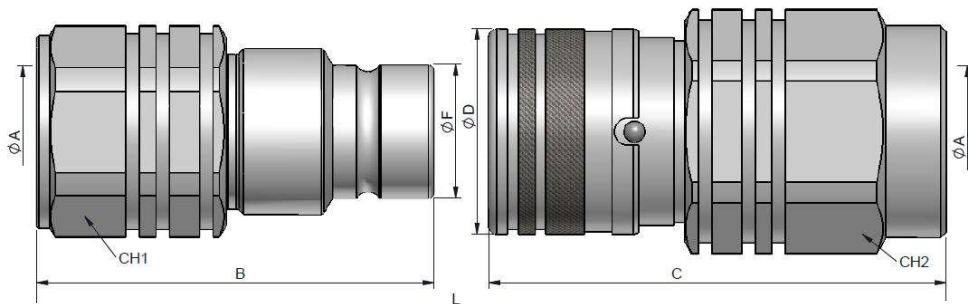
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.11112AC		350	30	62.5	120
	3/8" NPTF	131.11112BC					
	1/2" BSP	131.11112AD					
	1/2" NPTF	131.11112BD					
	3/4"- 16h UNF	131.11112GF					
	7/8"- 14h UNF	131.11112GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
10	3/8" BSP	131.12112AC		350	30	73.5	32
	3/8" NPTF	131.12112BC					
	1/2" BSP	131.12112AD					
	1/2" NPTF	131.12112BD					
	3/4"- 16h UNF	131.12112GF					
	7/8"- 14h UNF	131.12112GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.11113AD		330	36	73	140
	1/2" NPTF	131.11113BD					
	3/4" BSP	131.11113AE					
	3/4" NPTF	131.11113BE					
	7/8"- 14h UNF	131.11113GH					
	1 1/16"- 12 UN	131.11113GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
12.5	1/2" BSP	131.12113AD		330	41	87	38
	1/2" NPTF	131.12113BD					
	3/4" BSP	131.12113AE					
	3/4" NPTF	131.12113BE					
	7/8"- 14h UNF	131.12113GH					
	1 1/16"- 12 UN	131.12113GK					

131-3

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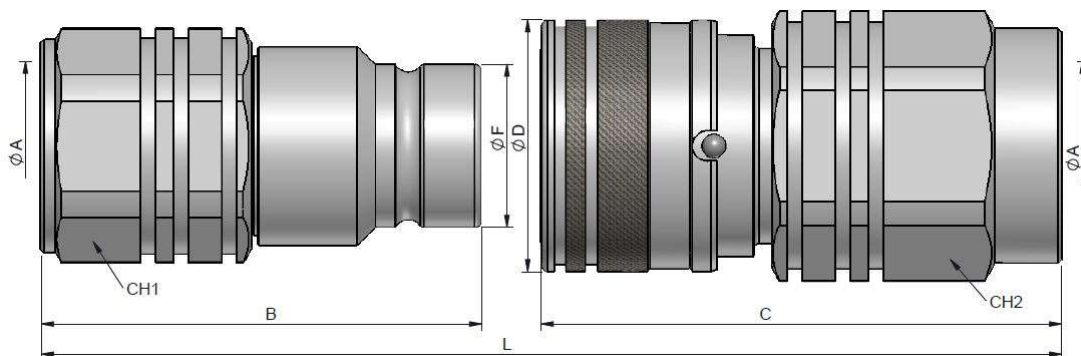
v11



131 SERIES CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 16 - 3/4"



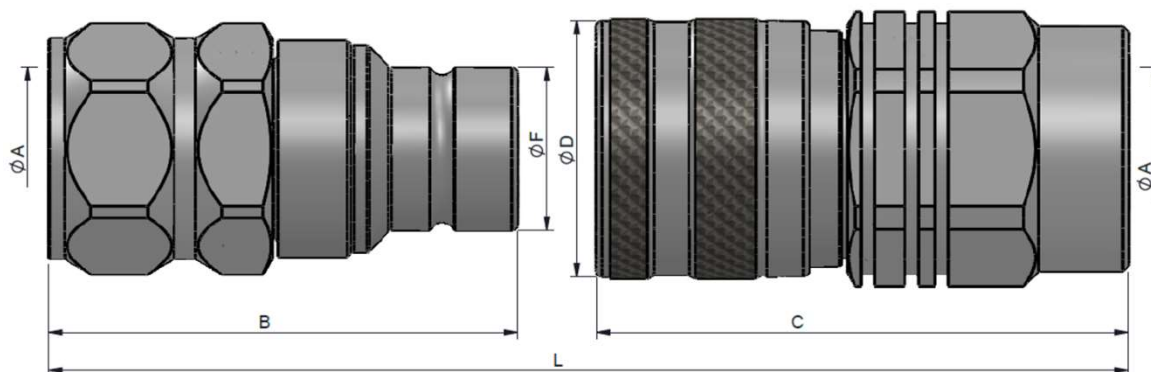
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.11114AE		330	36	73	27
	3/4" NPTF	131.11114BE					
	1 1/16" -12h UN	131.11114GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
16	3/4" BSP	131.12114AE		330	41	86	42
	3/4" NPTF	131.12114BE					
	1 1/16" -12h UN	131.12114GK					

(S) 19 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.11115AF		330	41	86	30
	1" NPTF	131.11115BF					
	1 5/16" - 12h UN	131.11115GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
19	1" BSP	131.12115AF		330	46	97.50	48
	1" NPTF	131.12115BF					
	1 5/16" - 12h UN	131.12115GO					

131-4

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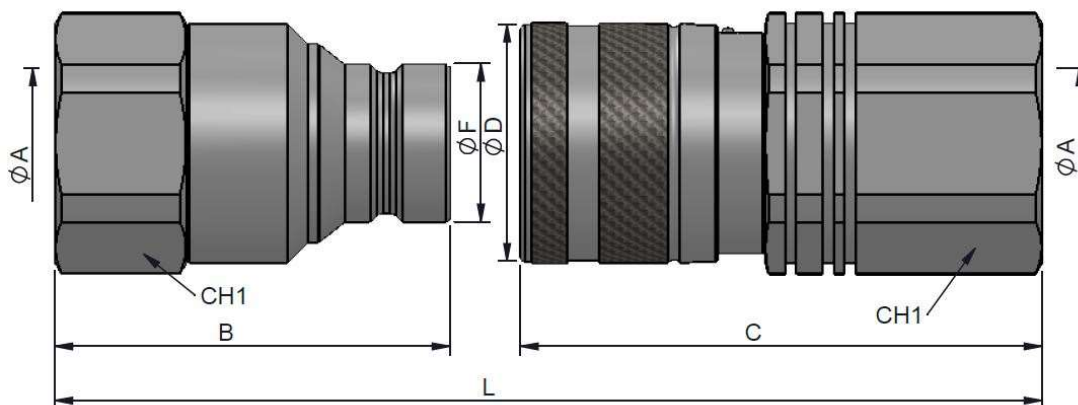




131 SERIES CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 25 - 1 1/4"



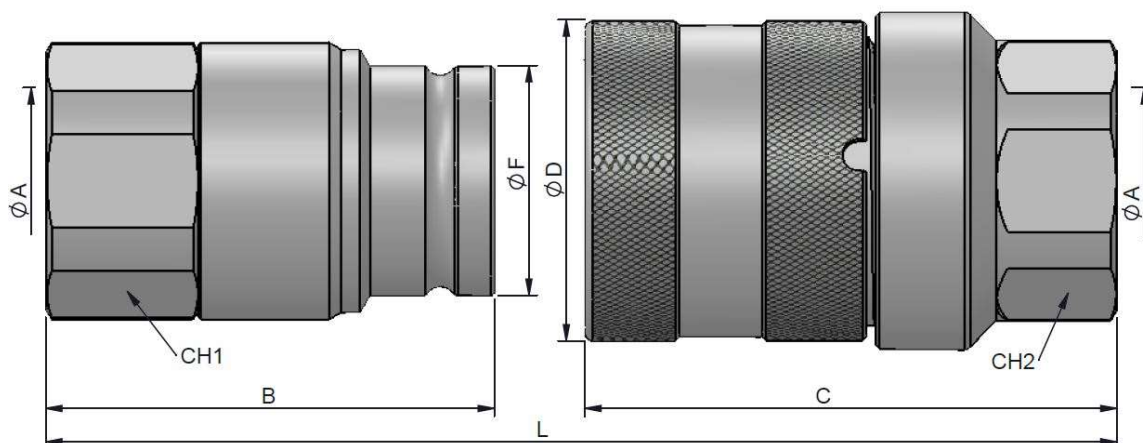
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.11116AG		55	90	36	178
	1 1/4" NPTF	131.11116BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
25	1 1/4" BSP	131.12116AG		55	119	54	178
	1 1/4" NPTF	131.12116BG					

(S) 30 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
30	1 1/2" BSP	131.11117AH		65	111.5	57	215
	1 1/2" NPTF	131.11117BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
30	1 1/2" BSP	131.12117AH		65	132.20	80	215
	1 1/2" NPTF	131.12117BH					

131-5

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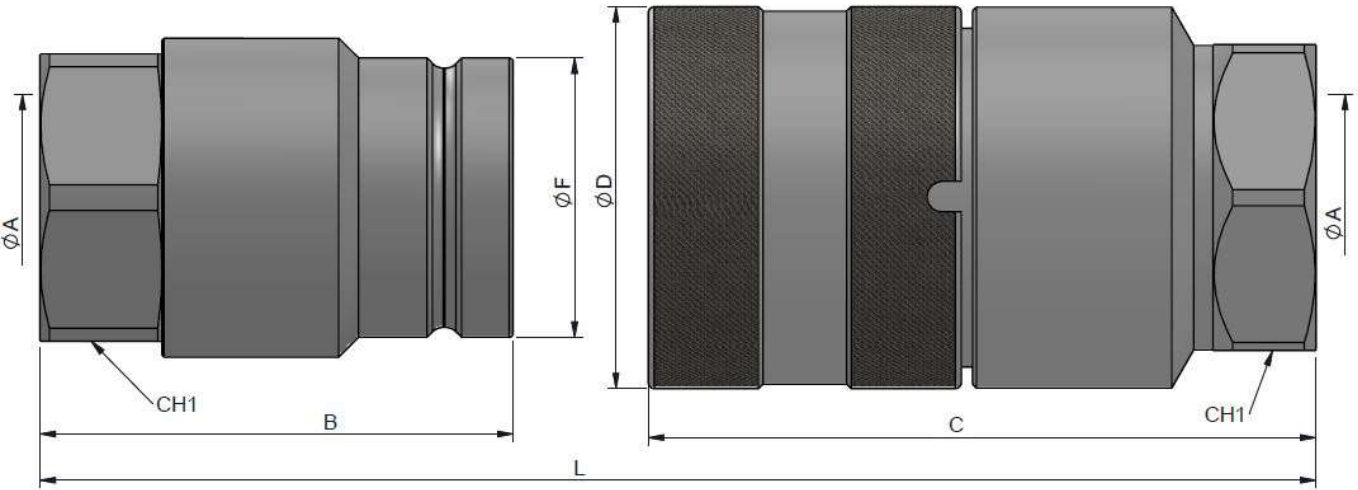
v11



131 SERIES CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 45 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
45	2" BSP	131.11118AI	250	75	124	73	260

STANDARD FEMALE MODELS

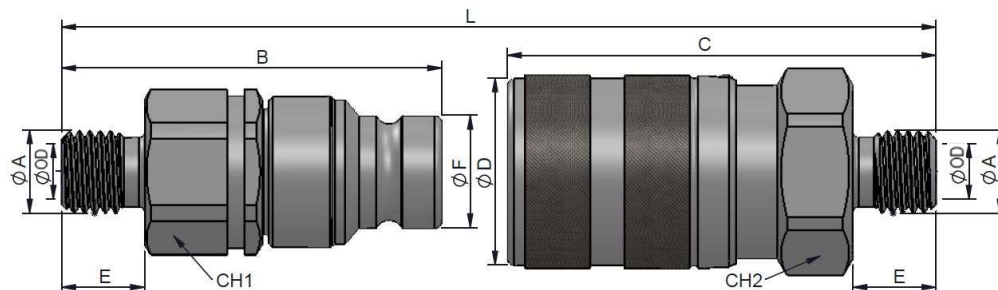
(S)	ØA	REF.		CH2	C	ØD	L
45	2" BSP	131.12118AI	250	80	175	100	260



131 SERIES CPR


CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 6.3 - 1/4"

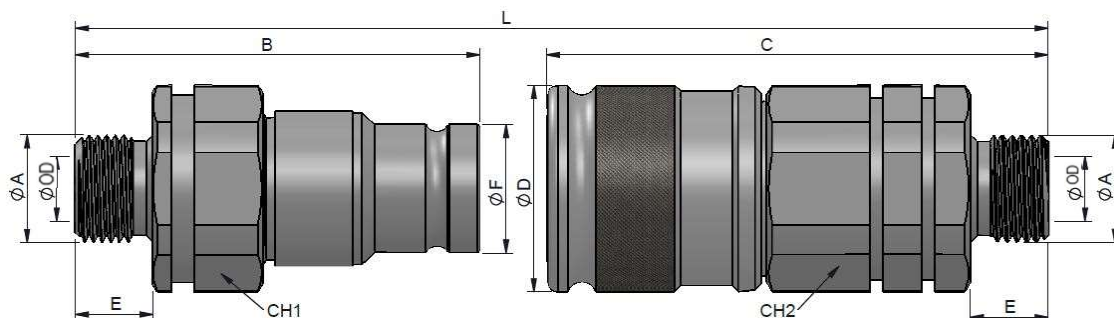


STANDARD MALE MODELS

STANDARD FEMALE MODELS


(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
6.3	M12x1.5	LIGHT	6L	106	131.11111JB	500	22	55	16.2	12	131.12111JB	500	27	62	27.5	12
	M14x1.5		8L	104	131.11111JC	500	22	54	16.2	11	131.12111JC	500	27	63	27.5	11
	M16x1.5		10L	104	131.11111JD	500	22	54	16.2	11	131.12111JD	500	27	63	27.5	11
	M16x1.5	HEAVY	8S	104	131.11111KD	500	22	54	16.2	11	131.12111KD	500	27	63	27.5	11
	M18x1.5		10S	104	131.11111KE	500	22	54	16.2	11	131.12111KE	500	27	63	27.5	11

(S) 10 - 3/8"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
10	3/8" BSP	LIGHT	*	125	131.11112AN	350	30	63	19.79	12	131.12112AN	350	30	78	33	12
	M14x1.5		8L	122	131.11111JC	350	30	62	19.79	11	131.12112JC	350	30	77	33	11
	M16x1.5		10L	125	131.11112JD	350	30	63	19.79	12	131.12112JD	350	30	78	33	12
	M16x1.5	HEAVY	8S	125	131.11112KD	350	30	63	19.79	12	131.12112KD	350	30	78	33	12
	M18x1.5		10S	125	131.11112KE	350	30	63	19.79	12	131.12112KE	350	30	78	33	12
	M20x1.5		12S	125	131.11112KF	350	30	63	19.79	12	131.12112KF	350	30	78	33	12

131-7

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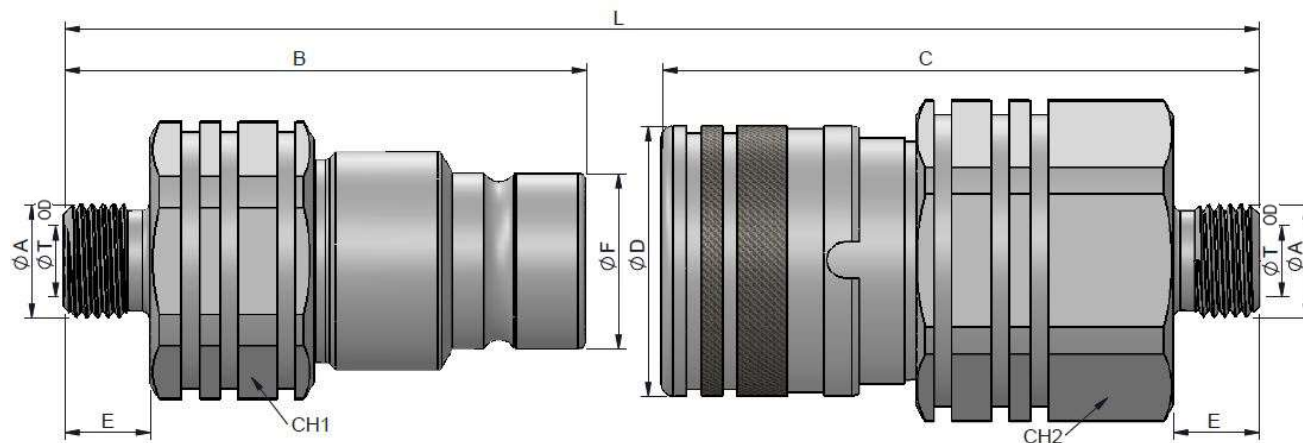




131 SERIES CPR

CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 12.5 - 1/2"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

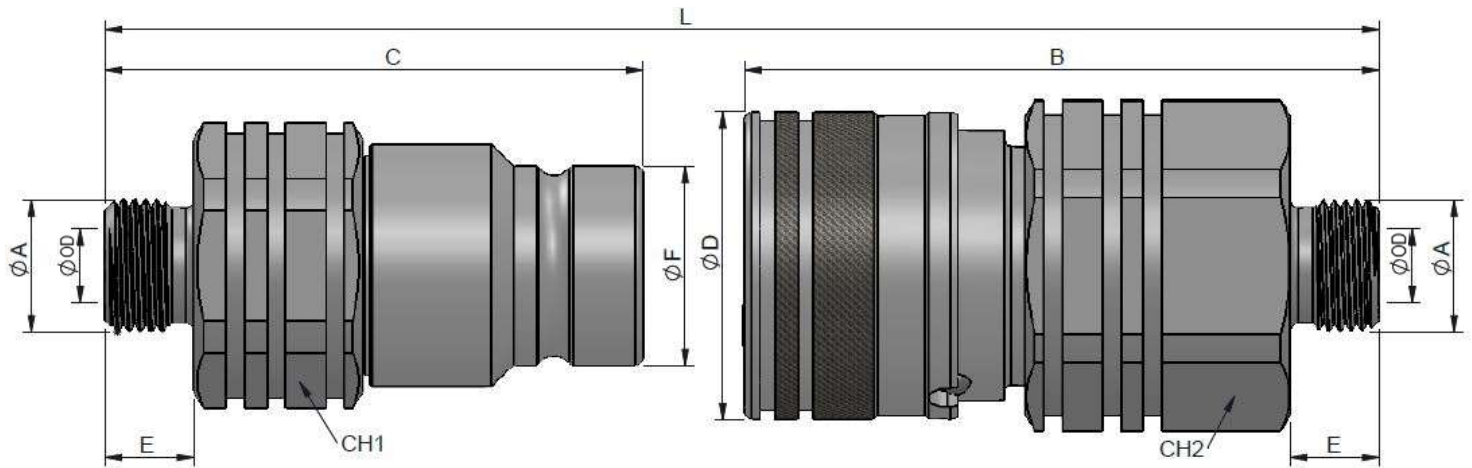
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
12.5	M14x1.5	LIGHT	8L	135	131.11113JC	330	36	73	24,58	11	131.12113JC	330	41	79.5	38.5	11
	M16x1.5		10L	137	131.11113JD	330	36	74	24,58	12	131.12113JD	330	41	80.5	38.5	12
	M18x1.5		12L	137	131.11113JE	330	36	74	24,58	12	131.12113JE	330	41	80.5	38.5	12
	M22x1.5		15L	137	131.11113JG	330	36	74	24,58	12	131.12113JG	330	41	80.5	38.5	12
	M26x1.5		18L	137	131.11113JI	330	36	74	24,58	12	131.12113JI	330	41	80.5	38.5	12
	M18x1.5	HEAVY	10S	137	131.11113KE	330	36	74	24,58	12	131.12113KE	330	41	80.5	38.5	12
	M20x1.5		12S	137	131.11113KF	330	36	74	24,58	12	131.12113KF	330	41	80.5	38.5	12
	M22x1.5		14S	137	131.11113KG	330	36	74	24,58	12	131.12113KG	330	41	80.5	38.5	12
	M24x1.5		16S	137	131.11113KH	330	36	74	24,58	12	131.12113KH	330	41	80.5	38.5	12



131 SERIES CPR



CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 16 - 3/4"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

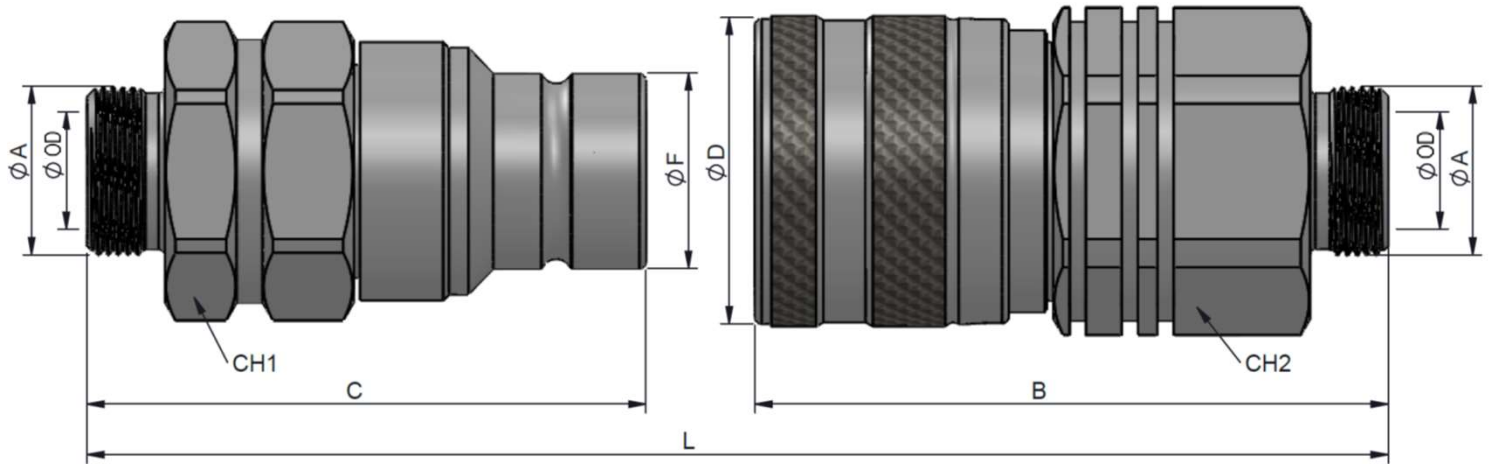
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
16	M18x1.5	LIGHT	12L	139.5	131.11114JE	330	36	74	27.08	12	131.12114JE	330	41	83	42	12
	M22x1.5		15L	139.5	131.11114JG	330	36	74	27.08	12	131.12114JG	330	41	83	42	12
	M26x1.5		18L	139.5	131.11114JI	330	36	74	27.08	12	131.12114JI	330	41	83	42	12
	M30x2		22L	151.5	131.11114JJ	330	36	80	27.08	18	131.12114JJ	330	41	89	42	18
	M22x1.5	HEAVY	14S	139.5	131.11114KG	330	36	74	27.08	12	131.12114KG	330	41	83	42	12
	M24x1.5		16S	139.5	131.11114KH	330	36	74	27.08	12	131.12114KH	330	41	83	42	12
	M30x2		20S	151.5	131.11114KJ	330	36	80	27.08	18	131.12114KJ	330	41	89	42	18



131 SERIES CPR



CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 19 - 1"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
19	M26x1.5	LIGHT	18L	152	131.11115JI	330	41	82	30	12	131.12115JI	330	46	92	30	12
	M30x2		22L	164	131.11115JJ	330	41	88	30	18	131.12115JJ	330	46	98	30	18
	M36x2		28L	157	131.11115JK	330	41	81	30	18	131.12115JK	330	46	98	30	18
	M45x2		35L	151	131.11115JM	330	46	81	30	16	131.12115JM	330	46	92	30	16
	M30x2	HEAVY	20S	163	131.11115KJ	330	41	86	30	18	131.12115KJ	330	46	99	30	18
	M36x2		25S	155	131.11115KK	330	41	86	30	18	131.12115KK	330	46	99	30	18
	M42x2		30S	155	131.11115KL	330	46	81	30	18	131.12115KL	330	46	96	30	18
	M52x2		38S	153	131.11115KN	330	55	81	30	20	131.12115KN	330	46	94	30	20

131-10

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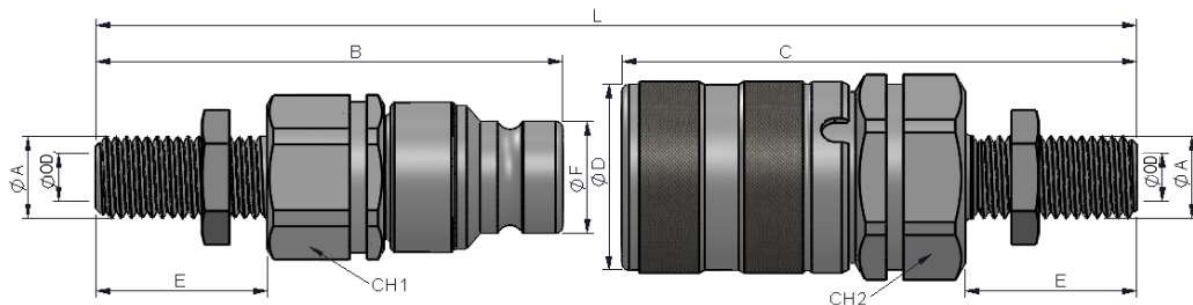




131 SERIES CPR



CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 6.3 - 1/4"

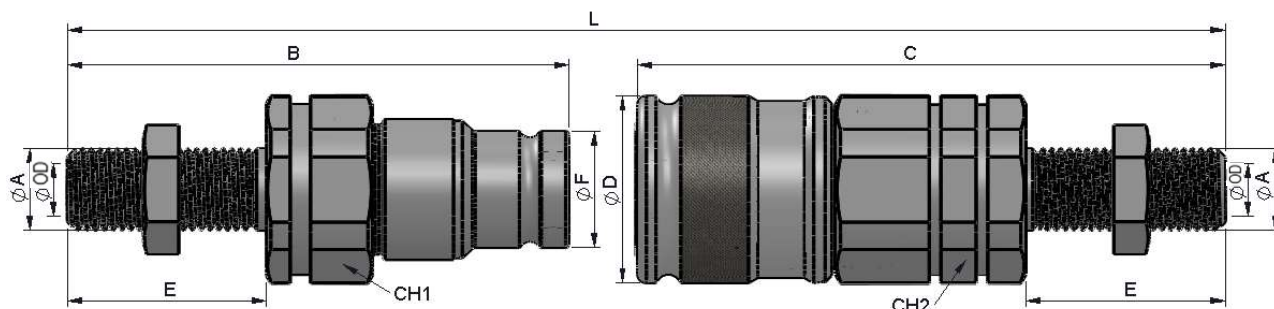


STANDARD MALE MODELS

STANDARD FEMALE MODELS



(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
6.3	M12x1.5	LIGHT	6L	132	131.11111LB	500	22	68	16.2	25	131.12111LB	500	27	75	27.5	25
	M14x1.5		8L	150	131.11111LC	500	22	77	16.2	34	131.12111LC	500	27	84	27.5	24
	M16x1.5		10L		131.11111LD	500	22		16.2		131.12111LD	500	27	63	27.5	35
	M16x1.5	HEAVY	8S	87	131.11111MD	500	22	43	16.2	26	131.12111MD	500	27	55	27.5	26
	M18x1.5		10S		131.11111ME	500	22		16.2		131.12111ME	500	27		27.5	

(S) 10 - 3/8"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
10	M14x1.5	LIGHT	8L	168	131.11112LC	350	30	84.5	19.79	34	131.12112LC	350	30	99.5	33	34
	M16x1.5		10L	170	131.11112LD	350	30	85.5	19.79	35	131.12112LD	350	30	100.5	33	35
	M16x1.5	HEAVY	8S	152	131.11112MD	350	30	76.5	19.79	26	131.12112MD	350	30	91.5	33	26
	M18x1.5		10S	154	131.11112ME	350	30	77.5	19.79	27	131.12112ME	350	30	92.5	33	27
	M20x1.5		12S	170	131.11112MF	350	30	85.5	19.79	35	131.12112MF	350	30	100.5	33	35

131-11

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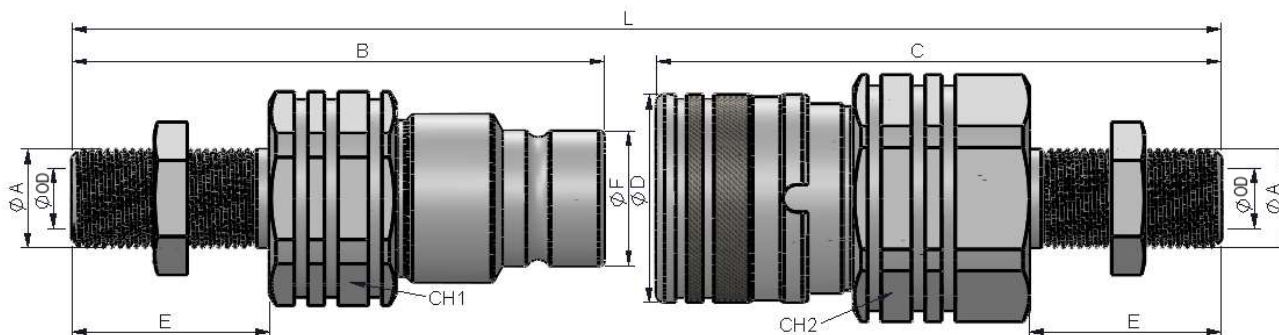




131 SERIES CPR



CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 12.5 - 1/2"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
12.5	M14x1.5	LIGHT	8L	182	131.11113LC	330	36	97	24.58	34	131.12113LC	330	41	102.5	38,5	182
	M16x1.5		10L	183	131.11113LD	330	36	97	24.58	35	131.12113LD	330	41	103.5	38,5	183
	M18x1.5		12L	183	131.11113LE	330	36	97	24.58	35	131.12113LE	330	41	103.5	38,5	183
	M22x1.5		15L	181	131.11113LG	330	36	96	24.58	35	131.12113LG	330	41	102.5	38,5	181
	M26x1.5		18L	181	131.11113LI	330	36	96	24.58	35	131.12113LI	330	41	102.5	38,5	181
	M18x1.5	HEAVY	10S	183	131.11113ME	330	36	97	24.58	35	131.12113ME	330	41	103.5	38,5	183
	M20x1.5		12S	182	131.11113MF	330	36	97	24.58	35	131.12113MF	330	41	103.5	38,5	182
	M22x1.5		14S	182	131.11113MG	330	36	97	24.58	35	131.12113MG	330	41	103.5	38,5	182
	M24x1.5		16S	182	131.11113MH	330	36	97	24.58	35	131.12113MH	330	41	103.5	38,5	182

131-12

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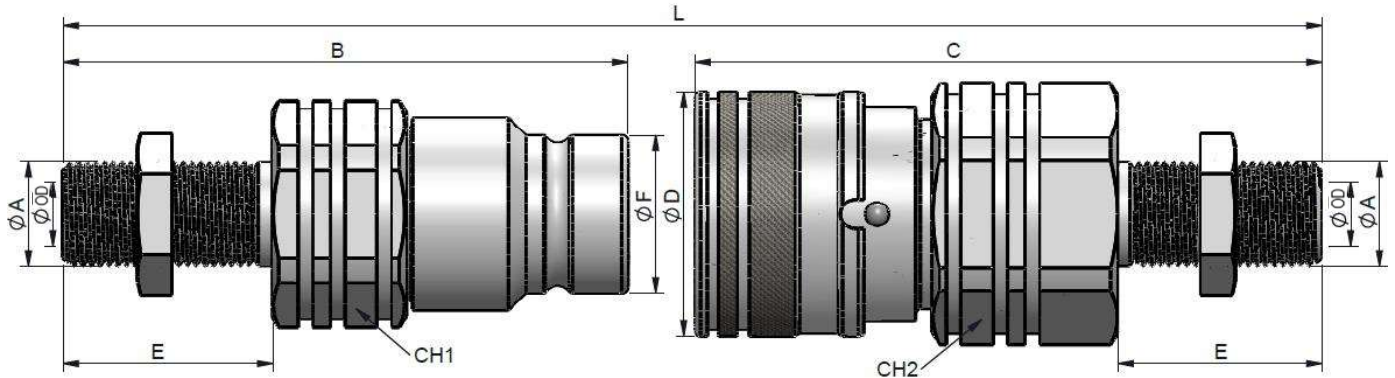
v11



131 SERIES CPR



CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 16 – 3/4"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD	L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E	
16	M18x1.5	LIGHT	12L	185.5	131.11114LE	330	36	97	27.08	35	131.12114LE	330	41	106	42	35
	M22x1.5		15L	183.5	131.11114LG	330	36	97	27.08	35	131.12114LG	330	41	105	42	35
	M26x1.5		18L	183.5	131.11114LI	330	36	96	27.08	35	131.12114LI	330	41	105	42	35
	M30x2	HEAVY	22L	183.5	131.11114LJ	330	36	97	27.08	35	131.12114LJ	330	41	105	42	35
	M24x1.5		16S	184.5	131.11114MH	330	36	97	27.08	35	131.12114MH	330	41	105	42	35
	M30x2		20S	184.5	131.11114MJ	330	36	97	27.08	35	131.12114MJ	330	41	105	42	35

131-13

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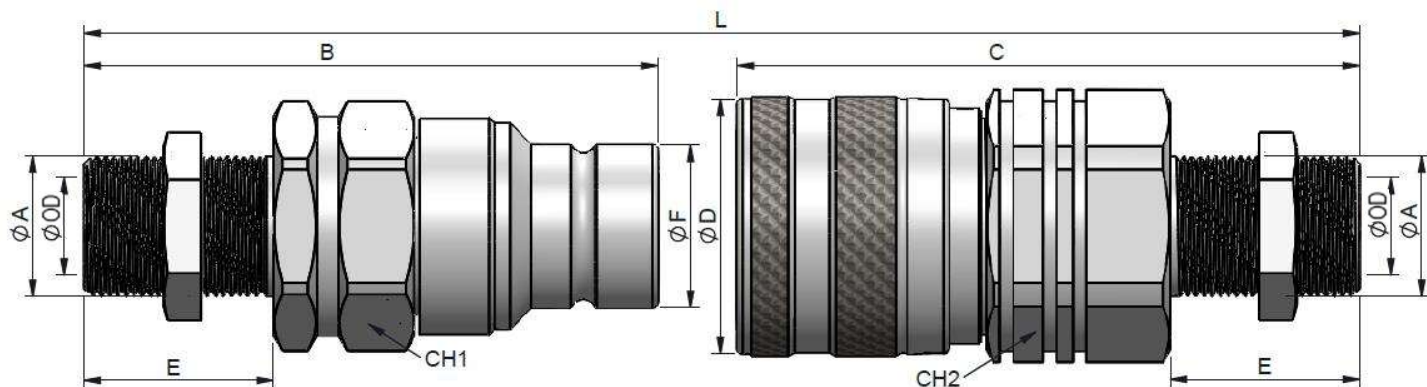




131 SERIES CPR


CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 19 - 1"



STANDARD MALE MODELS

STANDARD FEMALE MODELS

(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
19	M26x1.5	LIGHT	18L	199	131.11115LI	330	41	106	30	35	131.12115LI	330	46	115	48.5	35
	M30x2		22L	199	131.11115LJ	330	41	106	30	35	131.12115LJ	330	46	114	48.5	35
	M36x2		28L	190	131.11115LK	330	41	98	30	34	131.12115LK	330	46	108	48.5	34
	M45x2		35L	186	131.11115LM	330	46	100	30	36	131.12115LM	330	46	114	48.5	36
	M30x2	HEAVY	20S	198	131.11115MJ	330	41	106	30	34	131.12115MJ	330	46	118	48.5	34
	M36x2		25S	205	131.11115MK	330	41	109	30	38	131.12115MK	330	46	117	48.5	38
	M42x2		30S	199	131.11115ML	330	46	104	30	40	131.12115ML	330	46	117	48.5	40
	M52x2		38S	196	131.11115MN	330	55	104	30	40	131.12115MN	330	55	114	48.5	40

131-14

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





131 SERIES CPR

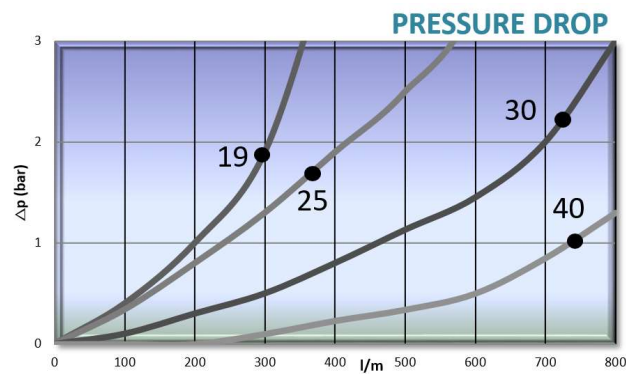
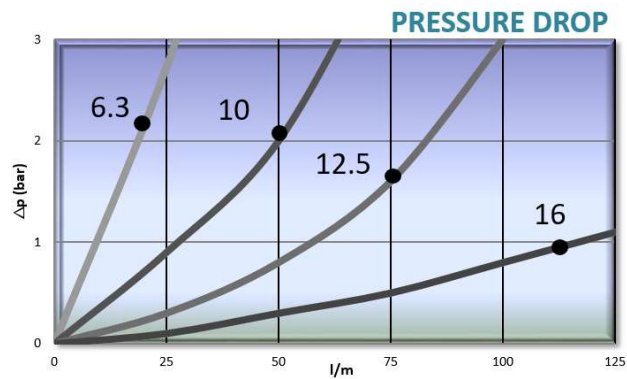
CARBON STEEL

INTEVA

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
	l/m	Male	Female	Coupled	Bar
4	5 l/m	1450	1400	1400	500
6.3	18 l/m	1450	1400	1400	500
10	45 l/m	1020	1100	1000	350
12.5	75 l/m	1000	980	1000	330
16	150 l/m	950	970	1000	330
19	200 l/m	950	940	1000	330
25	220 l/m	930	900	1000	300
30	240 l/m	890	890	1000	280

Test performed according to ISO 18869



131-15

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





131 SERIES CPR C.U.R.P.

TECHNICAL SPECIFICATIONS

Features:

Its internal design and high strength material used, provide high operating characteristics and circuit efficiency.
Minimal fluid spillage to environment.
Resistant to pressure impulses
C.U.R.P. valve allows connection under Residual Pressure.
Interchangeable with all ISO 16028 female 131 SERIES.

Operating pressure:	Up to 400 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926	
Closing System:	C.U.R.P.	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Residual Pressure	

Available Size: 1/4" a 1 1/4"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial, Building Machinery



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange: FASTER 3FFH / PARKER FEM AEROQUIP FD89 / SNAP-TITE 74

MODEL STRUCTURE

Example:

131.11313 AD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
131.	1 Carbon St.	1 Male	3 C.U.R.P.	1 NBR 2 VITON 3 EPDM	1 6 2 10 3 13 4 16 5 19 6 25	1/4" 3/8" 1/2" 3/4" 1" 1 1/4"
						2 letters (see Table of Threads page 999-1)

131-16

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

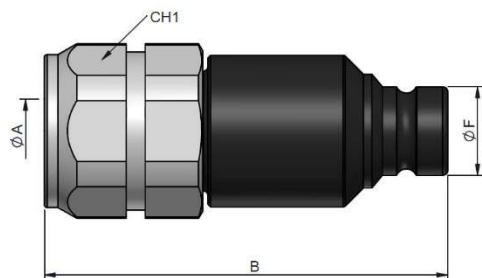






131 SERIES

CPR C.U.R.P.

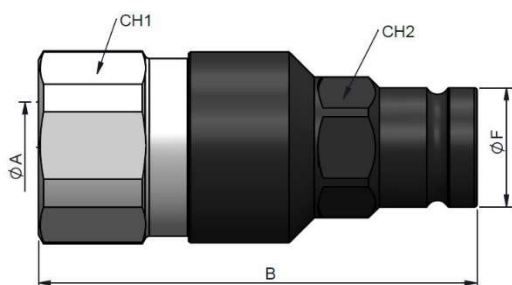
(S) 6.3 - 1/4"





STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.11311AB		30	74	16.20	121
	1/4" NPTF	131.11311BB					

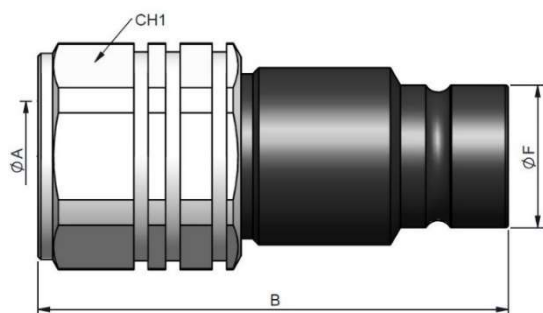
(S) 10 - 3/8"





STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.11312AC		30	21	73	20
	3/8" NPTF	131.11312BC					
	1/2" BSP	131.11312AD					
	1/2" NPTF	131.11312BD					
	3/4" - 16h UNF	131.11312GF					
	7/8" - 14h UNF	131.11312GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

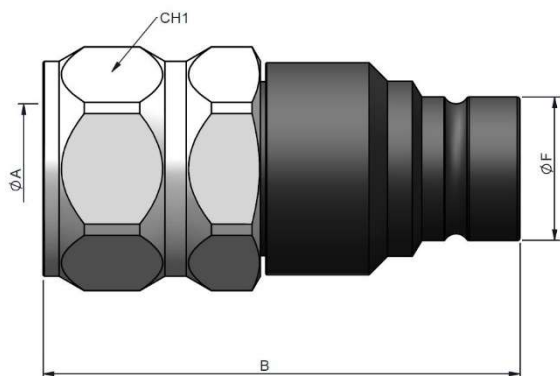
(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.11313AD		36	81	24.5	150
	1/2" NPTF	131.11313BD					
	3/4" BSP	131.11313AE					
	3/4" NPTF	131.11313BE					
	7/8" - 14h UNF	131.11313GH					
	1 1/16" - 12h UN	131.11313GK					





131 SERIES

CPR C.U.R.P.

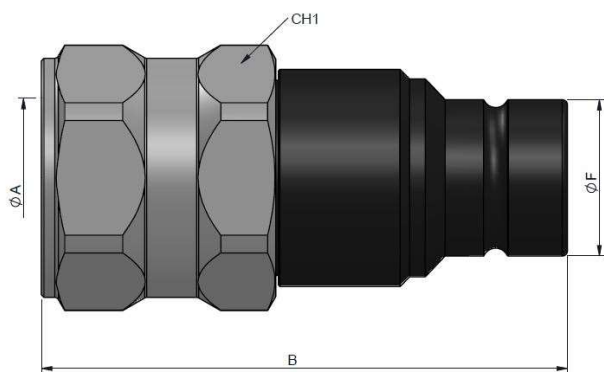
(S) 16 - 5/8"





STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.11314AE		41	90	27.1	157.5
	3/4" NPTF	131.11314BE					
	1 1/16" - 12h UN	131.11314GK					

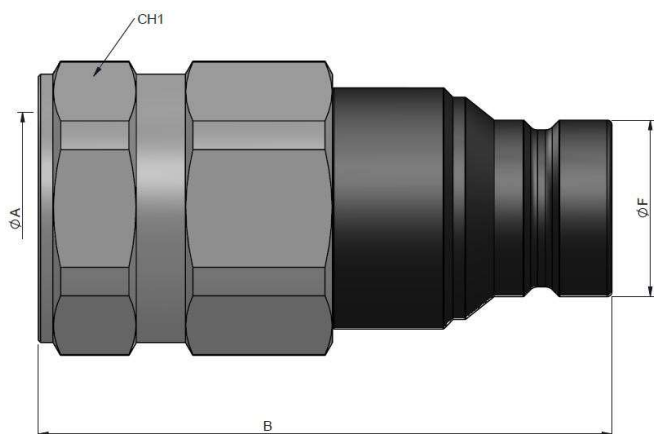
(S) 19 - 3/4"





STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.11315AF		46	101	30	175
	1" NPTF	131.11315BF					
	1 5/16" - 12h UN	131.11315GO					

(S) 25 - 1"



STANDARD MALE MODELS

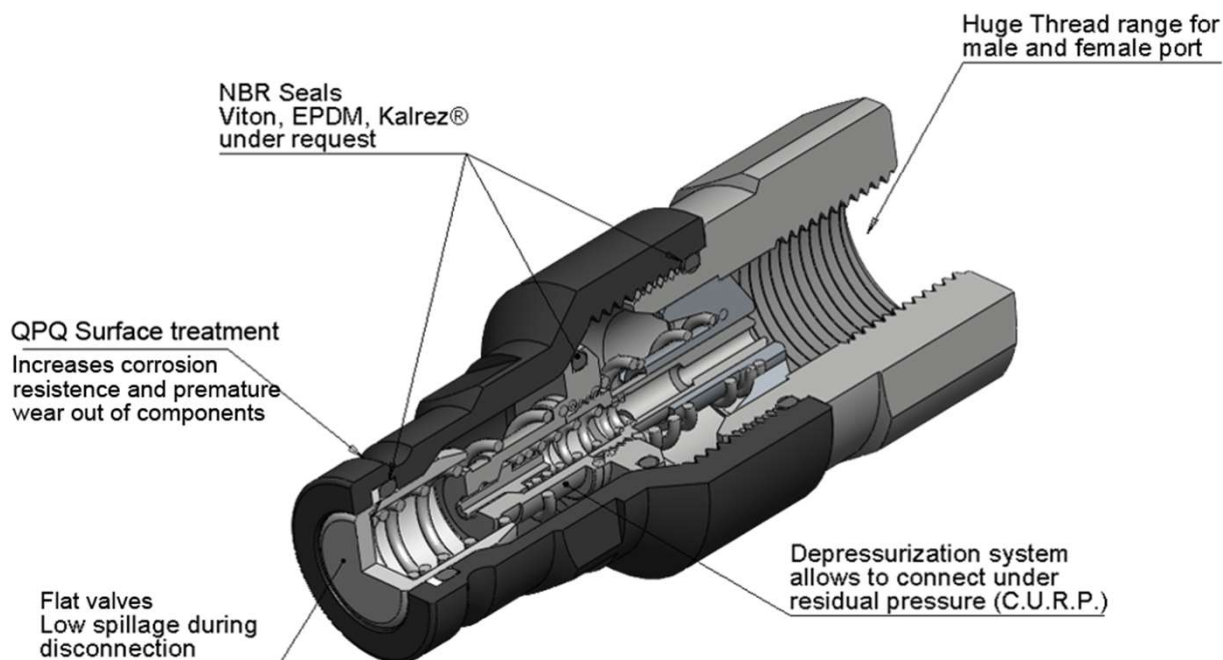
(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.11316AG		55	117	36	212
	1 1/4" NPTF	131.11316BG					



131 SERIES

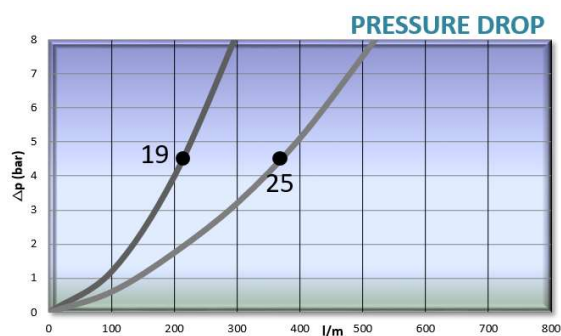
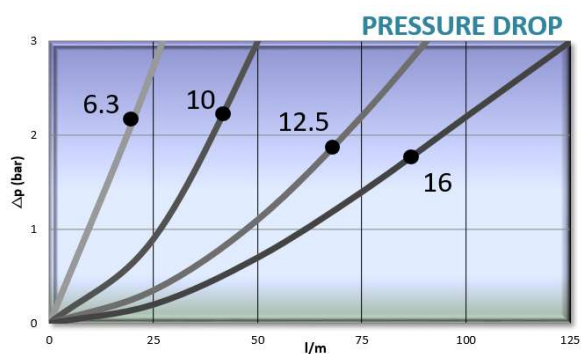
CPR C.U.R.P.

TECHNICAL DATA



(S)	Rated Flow	Min. Burst Pressure (Bar)		Max. Working Pressure
		Male	Coupled	
6.3	18 l/m	1200	1100	400
10	45 l/m	1200	1000	350
12.5	75 l/m	1200	1000	330
16	150 l/m	1200	1000	330
19	200 l/m	1000	800	330
25	380 l/m	1000	800	300

Test performed according to ISO 18869



131-19

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





131 SERIES

CPR

STAINLESS STEEL

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:	Its internal design and high strength material used, provide high operating characteristics and circuit efficiency. Minimal fluid spillage to environment. Resistant to pressure impulses C.U.R.P. – Connect Under Residual Pressure male couplings available.	
Operating pressure:	Up to 350 Bar	
Materials:	Body:	Stainless Steel SS316
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	SS316
Available Threads:	BSP / NPTF / ISO 11926 (J1926) ISO 8434-1 (DIN 2353)*	
Closing System:	Flat Face / C.U.R.P.**	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/8" a 2"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial, Building Machinery



Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange:	Stucchi: Series AX / Faster: Series 2FFI stainless steel / Voswinkel: FH Edelstahl

*Others upon request.

MODEL STRUCTURE

Example:

131.21113 AD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
131.	2 SS316	1 Male 2 Female	1 Flat 3 C.U.R.P.	1 NBR 2 VITON 3 EPDM	0 4 1 6.3 2 10 3 12.5 4 16 5 19 6 25 7 30 8 45	1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 1" 1 1/2" 2"
						2 letters (see Table of Threads page 999-1)

**C.U.R.P. Is available in male part only

131-20

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



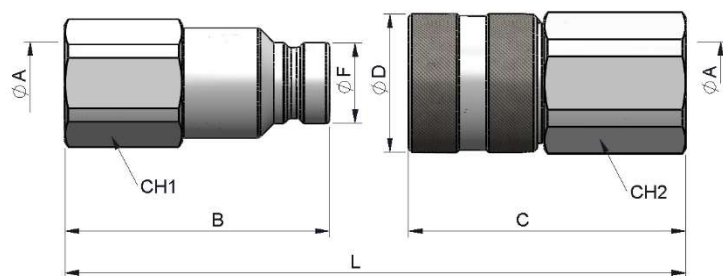
v11



131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 4 - 1/8"



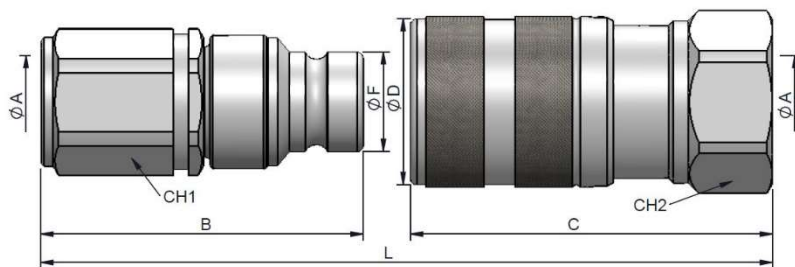
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
4	1/8" BSP	131.21120AA		17	38.35	11.65	70.50
	1/8" NPTF	131.21120BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
4	1/8" BSP	131.22120AA		19	40.2	20	70.50
	1/8" NPTF	131.22120BA					

(S) 6.3 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.21121AB		22	52.5	16.20	103
	1/4" NPTF	131.21121BB					
	9/16"- 18h UNF	131.21121GD					
	M16X1.5	131.21121ND					
	M18X1.5	131.21121NE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
6.3	1/4" BSP	131.22121AB		27	62	28	103
	1/4" NPTF	131.22121BB					
	9/16"- 18h UNF	131.22121GD					
	M16X1.5	131.22121ND					
	M18X1.5	131.22121NE					

131-21

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

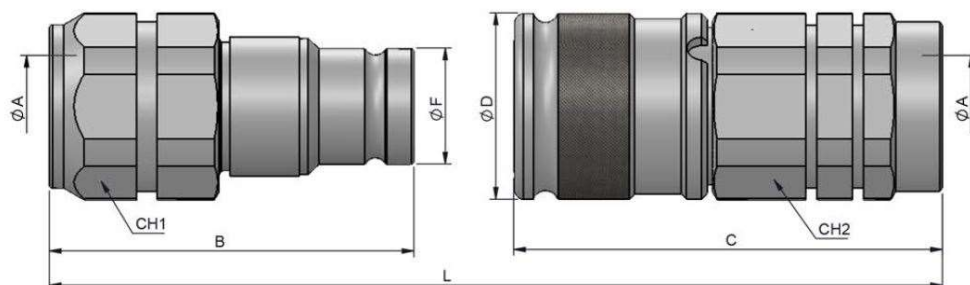




131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 10 - 3/8"



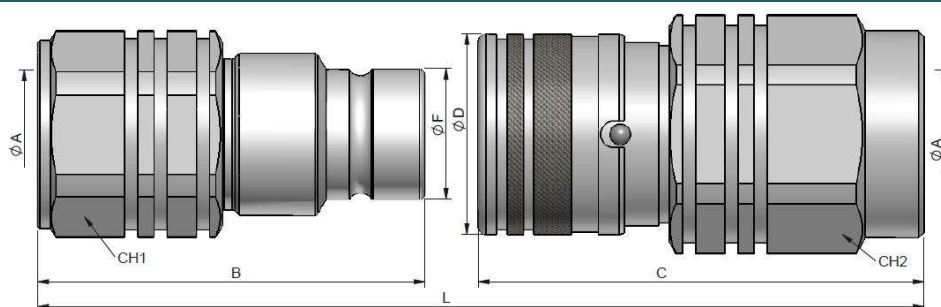
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.21122AC		30	62.5	19.80	120
	3/8" NPTF	131.21122BC					
	1/2" BSP	131.21122AD					
	1/2" NPTF	131.21122BD					
	3/4"- 16h UNF	131.21122GF					
	7/8"- 14h UNF	131.21122GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
10	3/8" BSP	131.22122AC		30	73.5	32	120
	3/8" NPTF	131.22122BC					
	1/2" BSP	131.22122AD					
	1/2" NPTF	131.22122BD					
	3/4"- 16h UNF	131.22122GF					
	7/8"- 14h UNF	131.22122GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.21123AD		36	73	24.50	140
	1/2" NPTF	131.21123BD					
	3/4" BSP	131.21123AE					
	3/4" NPTF	131.21123BE					
	7/8"- 14h UNF	131.21123GH					
	1 1/16"- 12h UN	131.21123GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
12.5	1/2" BSP	131.22123AD		41	87	38	140
	1/2" NPTF	131.22123BD					
	3/4" BSP	131.22123AE					
	3/4" NPTF	131.22123BE					
	7/8"- 14h UNF	131.22123GH					
	1 1/16"- 12h UN	131.22123GK					

131-22

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



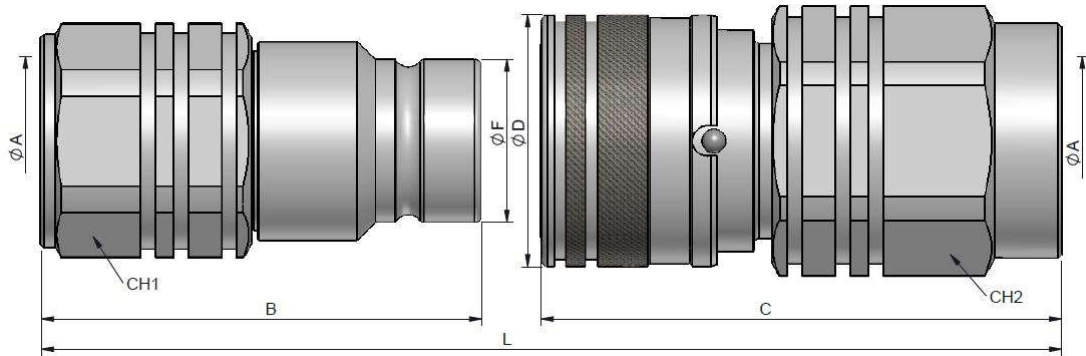
v11



131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 16 - 5/8"



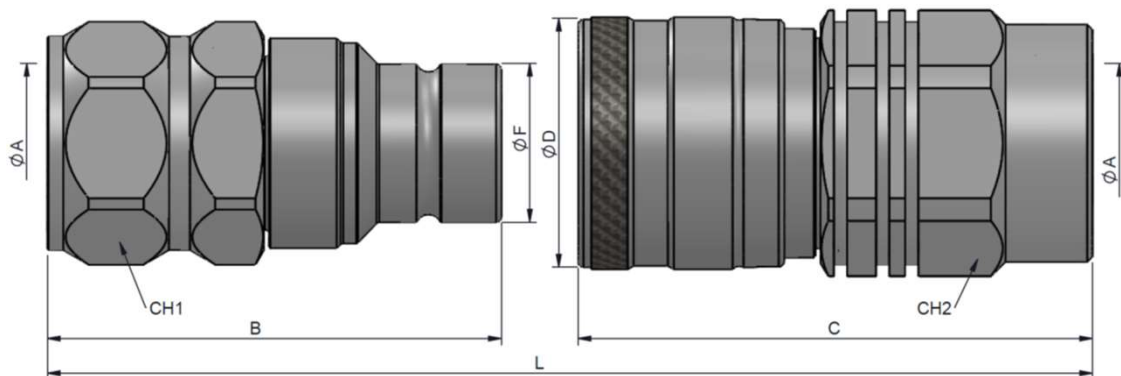
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.21124AE		36	73	27	142
	3/4" NPTF	131.21124BE					
	1 1/16" -12h UN	131.21124GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
16	3/4" BSP	131.22124AE		41	86	42	142
	3/4" NPTF	131.22124BE					
	1 1/16" -12h UN	131.22124GK					

(S) 19 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.21125AF		41	86	30	160
	1" NPTF	131.21125BF					
	1 5/16" - 12h UN	131.21125GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
19	1" BSP	131.22125AF		46	97.50	48	160
	1" NPTF	131.22125BF					
	1 5/16" - 12h UN	131.22125GO					

131-23

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

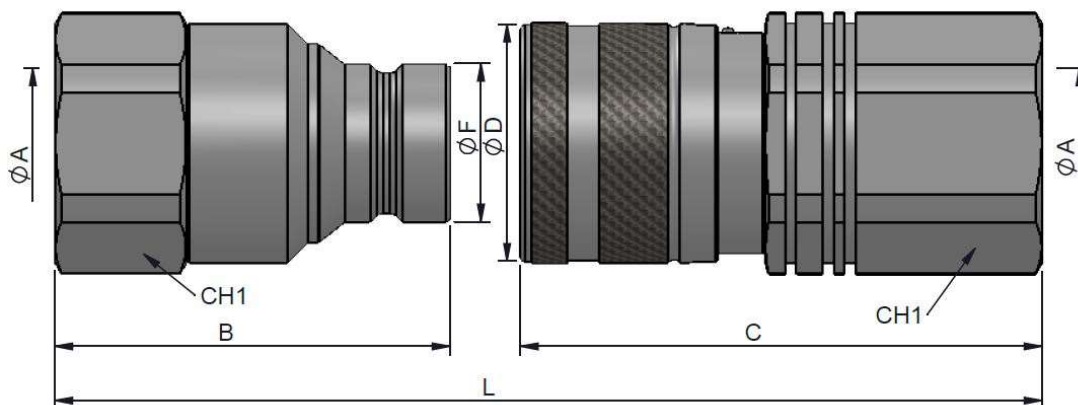




131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 25 - 1"



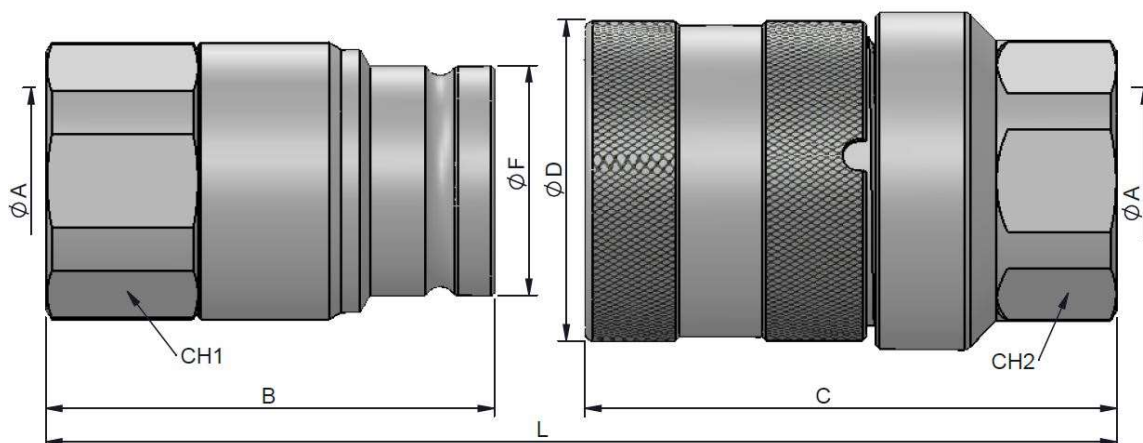
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.21126AG		55	90	36	178
	1 1/4" NPTF	131.21126BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
25	1 1/4" BSP	131.22126AG		55	119	54	178
	1 1/4" NPTF	131.22126BG					

(S) 30 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
30	1 1/2" BSP	131.21127AH		65	111.5	57	215
	1 1/2" NPTF	131.21127BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
30	1 1/2" BSP	131.22127AH		65	132.20	80	215
	1 1/2" NPTF	131.22127BH					

131-24

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

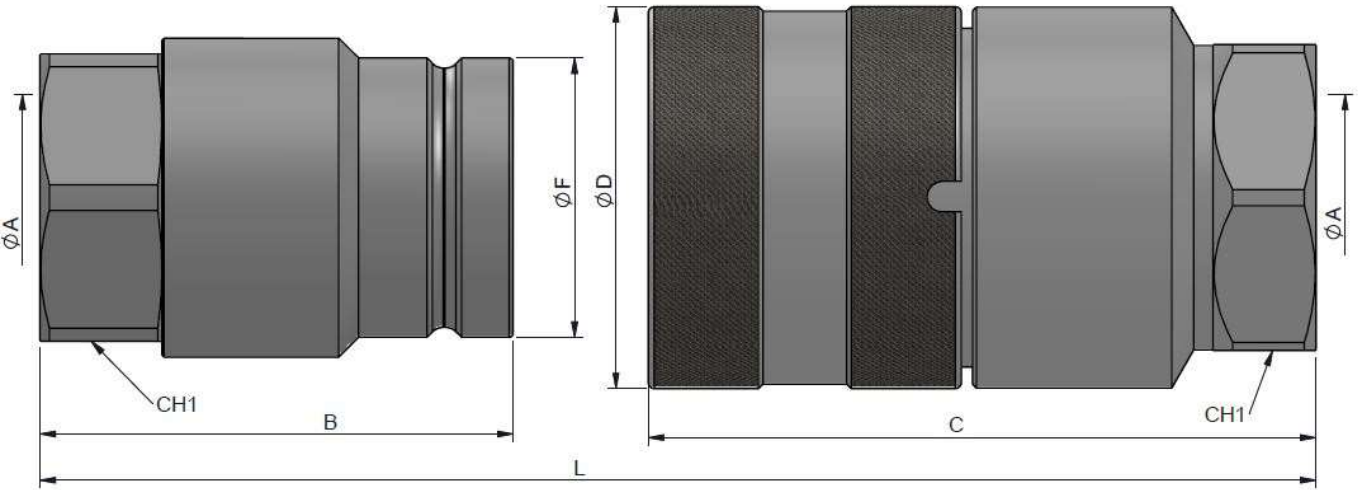




131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852


(S) 45 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
45	2" BSP	131.21128AI	200	75	124	73	260

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
38	2" BSP	131.22128AI	200	80	175	100	260



131 SERIES

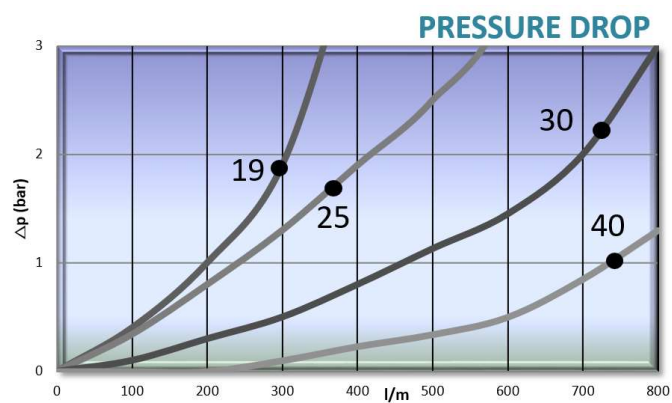
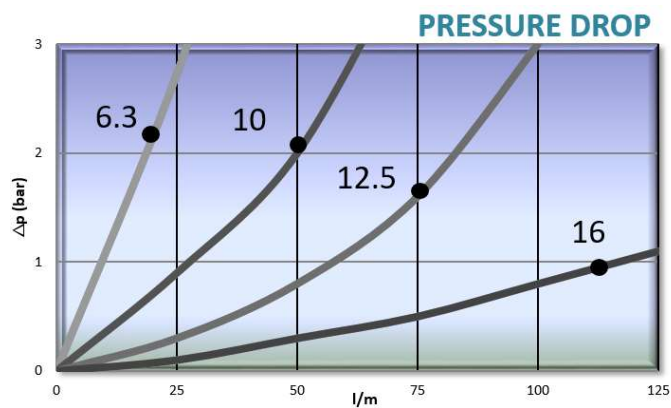
CPR

STAINLESS STEEL

TECHNICAL DATA

Rated Flow		Min Burst Pressure (Bar)			Max. Working Pressure
	l/m	Male	Female	Coupled	Bar
4	5 l/m	1450	1400	1400	350
6	18 l/m	1450	1400	1400	350
10	45 l/m	1020	1100	1000	250
13	75 l/m	1000	980	1000	250
16	150 l/m	950	970	1000	250
19	200 l/m	950	940	1000	250
25	220 l/m	930	900	1000	250
32	240 l/m	930	890	1000	250
45	288 l/m	700	800	800	200

Test performed according to ISO 18869



131-26

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



131 SERIES CPR

FEMALE FOR UNDERGROUND
GARBAGE ELEVATORS

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:

Developed for hammer applications and systems with frequent high pulsating pressure.

Nickel plated outer body for a higher corrosion resistance to ensure durability under the most extreme conditions.
Ergonomically shape for easy connection and disconnection.

Compact flat face that eliminates leaks and contamination of the circuit.

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP	
Closing System:	Flat Face	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 3/8"

Working Temperature (O-rings)

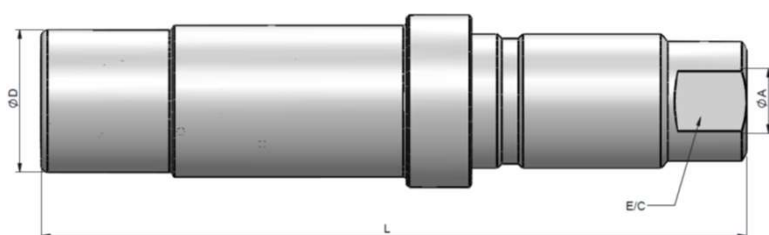
NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Underground garbage elevators

Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: -

(S) 10 - 3/8"

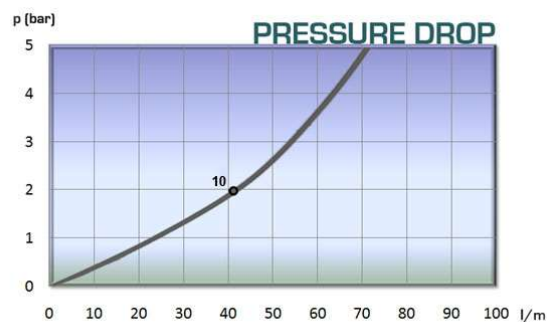


STANDARD FEMALE MODELS

(S)	ØA	REF.		E/C	ØD	L
10	3/8" BSP	131SB.12112AC	350	24	33	164

TECHNICAL DATA

Rated Flow l/m	Min Burst Pressure (Bar)			Max. Working Pressure
	Male	Female	Conect.	Bar
45 l/m	1300	1200	1400	350



131-27

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





131 SERIES

CPR

CAPS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 16028

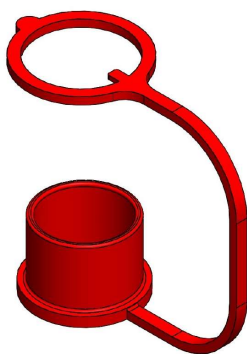
MODEL STRUCTURE / DIMENSIONS

Example:

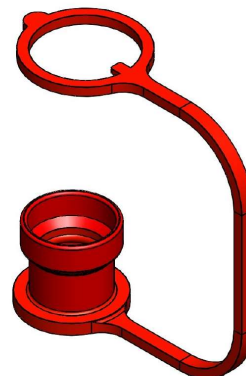
131.5313 AA

Series	Material	Part	Color	Size (S)	Type
131.	5 Plastic	3 Cap Female 4 Cap Male	1 Red	0 04 1/8" 1 6 1/4" 2 10 3/8" 3 13 1/2" 4 16 5/8" 5 19 3/4"	AA

(S) 6 – (S) 19 – PLASTIC



CAP (FEMALE)



CAP (MALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	131.5311AA	*	*	*	*	*
10	131.5312AA					
13	131.5313AA					
16	131.5314AA					
19	131.5315AA					

* Available on order

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	131.5411AA	*	*	*	*	*
10	131.5412AA					
13	131.5413AA					
16	131.5414AA					
19	131.5415AA					

131-28

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



136 SERIES DRF



Manufactured according to ISO 15171-1 & SAE J1502.

TECHNICAL SPECIFICATIONS

Features:		Facilitates maintenance of hydraulic systems by providing easy connection at multiple pressure checkpoints.
		Connector designed for pressure checking at different points of a circuit.
		No air inclusion in the circuit.
Operating pressure:	Up to 500 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
Available Threads:	Balls:	AISI 1010/1015
	BSP / NPTF / ISO 9974-2 (DIN 3852-11)	
	ISO 11926 (J1926) / ISO 8434-2 (J514/JIC)	
	ISO 6149-2 / ISO 8434-1 (DIN 2353)	
	ISO 8134-3 (J1453)*	
Closing System:	Flat	
Connection / Disconnection:	Push to Connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/8"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial /Building Machinery



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Interchange: PARKER PD / FASTER DF

**Others upon request.*

MODEL STRUCTURE

Example:

136.12110 BB

Series	Material	Part	Closing	O-rings	Size (S)	Thread
136.	1 Carbon St.	1 Male 2 Female	1 Flat	1 NBR 2 VITON 3 EPDM	0 04 1/8"	2 letters (see Table of Threads page 999-1)

136-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

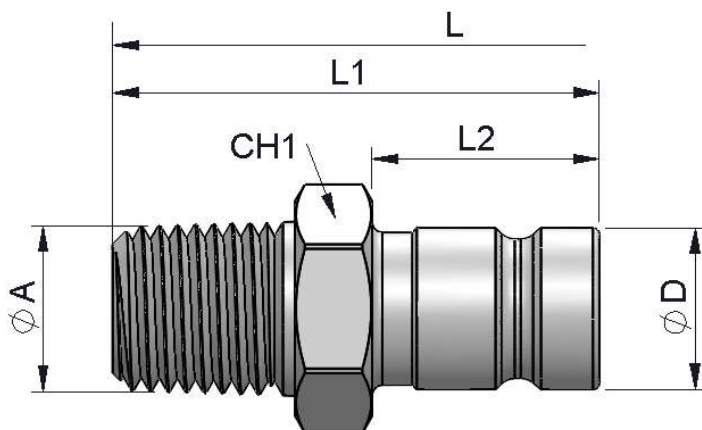





136 SERIES DRF

MALE THREAD

(S) 04 - 1/8" MALE THREAD



(S)	ØA	STANDARD	REF.		L	L1	L2	CH1	ØD
04	1/8" NPTF	ANSI B1.20.3	136.11110BL	420	81	46	17.8	19	12.6
	1/4" NPTF		136.11110BM						
	M14x1.5	ISO 6149-2 (ORB)	136.11110OF						
	3/8" – 24h UNF	SAE J1926-2 ISO 11926 (ORB)	136.11110HA						
	7/16"- 20h UNF		136.11110HB						
	1/2"- 20h UNF		136.11110HC						
	9/16"- 18h UNF		136.11110HD						
	9/16"- 18h UNF	ISO 8434-3 SAE J1453 (ORFS)	136.11110ZD						
	11/16"- 16 UN		136.11110ZE						
	13/16" – 16h UN		136.11110ZG					22	
	7/16"- 20h UNF	ISO 8434-2 SAE 37° (JIC) SAE J514	136.11110YB					19	
	1/2"- 20h UNF		136.11110YC						
	9/16"- 18h UNF		136.11110YD						
	M12x1.5	ISO 9974-2	136.11110QE						
	M14x1.5		136.11110QF						
	1/8" BSP	BS5200	136.11110AL						
	1/4" BSP		136.11110AM						

136-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

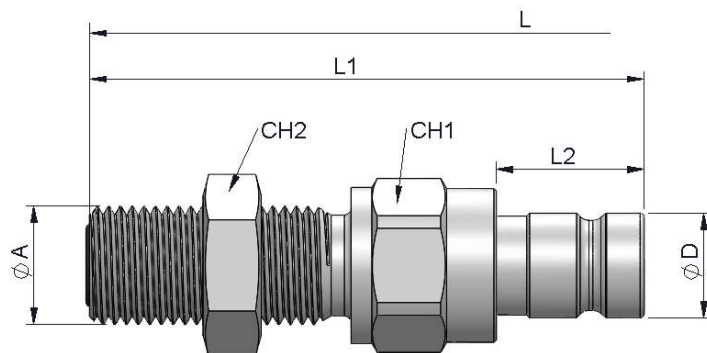
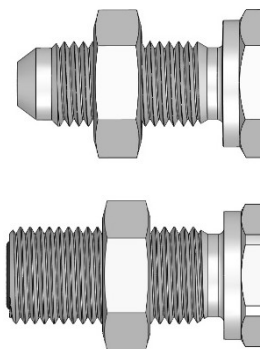





136 SERIES DRF

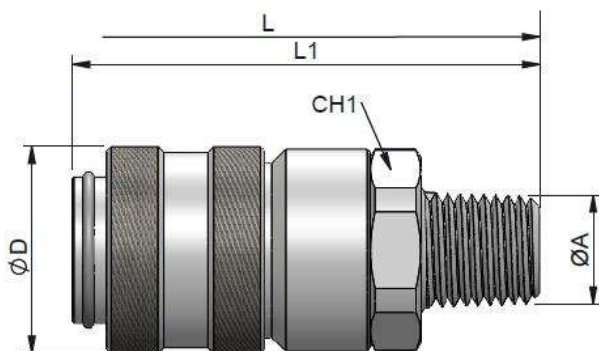
MALE THREAD

(S) 04 - 1/8" BULKHEAD MALE THREAD



(S)	ØA	STANDARD	REF.		L	L1	L2	CH1	CH2	ØD
04	9/16"- 18h UNF	ISO 8434-3 SAE J1453 (ORFS)	136.11110ZDP	420	106	67	17.8	19	19	12.6
	11/16"- 16 UN		136.11110ZEP		107	68				
	13/16" – 16h UN		136.11110ZGP		110	71		22	22	
	7/16"- 20h UNF	ISO 8434-2 SAE 37° (JIC) SAE J514	136.11110YBP		103	64		19	19	
	1/2"- 20h UNF		136.11110YCP		101	62				
	9/16"- 18h UNF		136.11110YDP		103	64				

(S) 04 - 1/8" BULKHEAD MALE THREAD



(S)	ØA	STANDARD	REF.		L	L1	CH1	ØD
04	1/8" NPTF	ANSI B1.20.3	136.12110BL	420	81.25	55	22	24.3
	1/4" NPTF		136.12110BM					
	1/8" BSP	BS5200	136.12110AL					
	1/4" BSP		136.12110AM					

136-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11

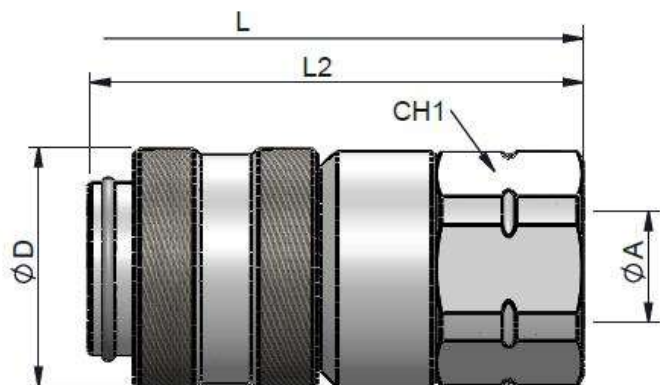
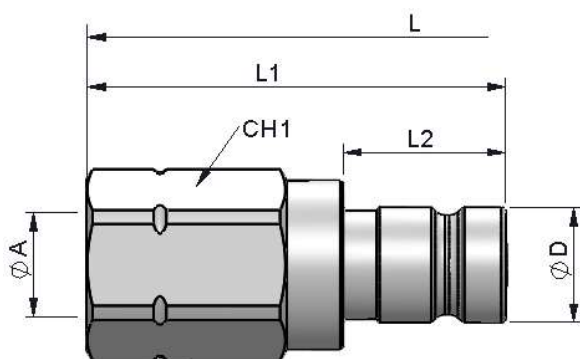


136 SERIES

DRF

FEMALE THREAD

(S) 04 - 1/8" FEMALE THREAD



STANDARD MALE MODELS

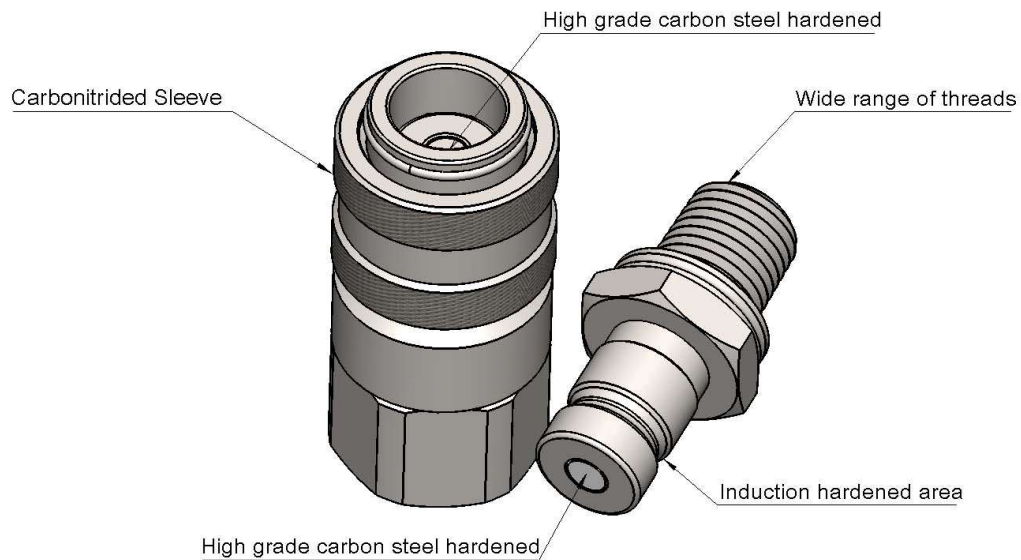
STANDARD FEMALE MODELS

(S)	ØA	STANDARD		REF.	L	L1	L2	CH1	ØD	REF.	L2	CH1	ØD
04	1/8" BSP	BS5200	420	136.11110AA	81	42	17.8	19	12.6	136.12110AA	54	22	24.3
	1/4" BSP			136.11110AB						136.12110AB			
	1/8" NPTF	ANSI B1.20.3		136.11110BA						136.12110BA			
	1/4" NPTF			136.11110BB						136.12110BB			
	M14x1.5	ISO 6149-1		136.11110EF						136.12110EF			
	7/16" UNF	SAE J1926-1		136.11110GB						136.12110GB			
	9/16" UNF			136.11110GD						136.12110GD			
	9/16" UNF	ISO 8434-3		136.11110VD						136.12110VD			
	11/16" UN			136.11110VE						136.12110VE			
	13/16" UN			136.11110VG						136.12110VG			
	7/16" UNF	ISO 8434-2		136.11110UB						136.12110UB			
	1/2" UNF			136.11110UC						136.12110UC			
	9/16" UNF			136.11110UD						136.12110UD			
	3/4" UNF			136.11110UF						136.12110UF			



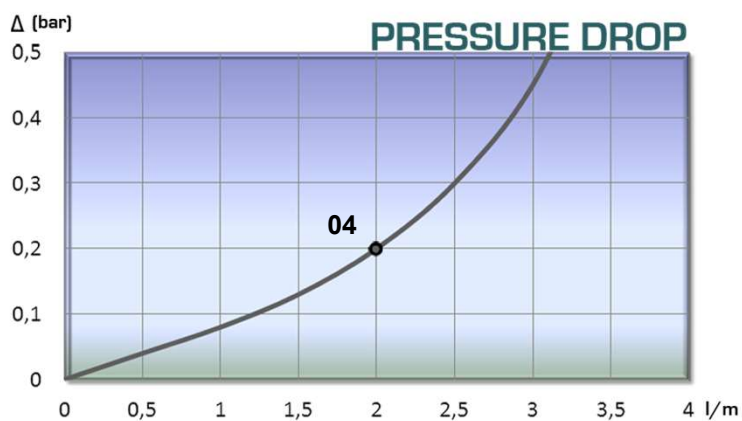
136 SERIES DRF

TECHNICAL DATA



(S)	Max. Flow	Connection Force	Min. Burst Pressure (bar)			Max. Working Pressure	Fluid Spillage
	l/m	N	Male	Female	Coupled	Bar	ml
04	2	50	1450	1400	1400	350	Max. 0.02

Test performed according to ISO 18869



DUST CAP – 136.5450AA

136-5

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





140 SERIES CVF

HIGH FLOW

INTEVA

Size 13 - 1/2" meets ISO 7241 A and ISO 5675 requirements

TECHNICAL SPECIFICATIONS

Features: High flow rate and reduced pressure drop.
Designed for high pressure applications in cleaning systems.

Operating pressure: Up to 700 Bar

Materials: Body: Carbon Steel EN -10277-3*

O-rings: NBR / VITON

Back-up-ring: PTFE

Springs: EN 10270-1/SH

Balls: AISI 1010/1015

Available Threads: BSP*

Closing System: Free Flow (without valve)

Connection: Sleeve Retraction & Press to connect
Disconnection: Sleeve Retraction

Connection Under Pressure: Not Allowed

Available Size: 1/4" a 1"

Working Temperature (O-rings)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Sectors: Industrial, High pressure cleaning systems



Applications: Designed for Hydraulic Oil & Hot Water (Group II- 2014/68/EU)

Interchange: GROMELLE 7000

*Others upon request.

MODEL STRUCTURE

Example:

140.11001 AB

Series	Material	Part	Closing	O-rings	Size (S)	Thread
140.	1 Carbon St.**	1 Male	0 Without	0 Without	1 6	2 letters (see Table of Threads page 999-1)
	2 SS316	2 Female		1 NBR	2 10	
	4 Brass			2 VITON	3 13	

**Nickel-plated - Add 011 to the end of the reference.

140-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



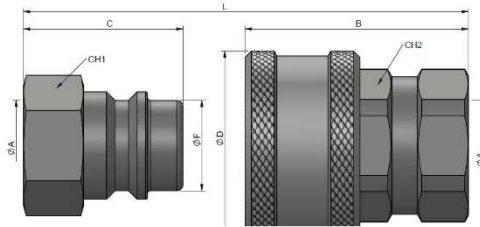
v11



140 SERIES CVF

HIGH FLOW

(S) 6- 1/4"



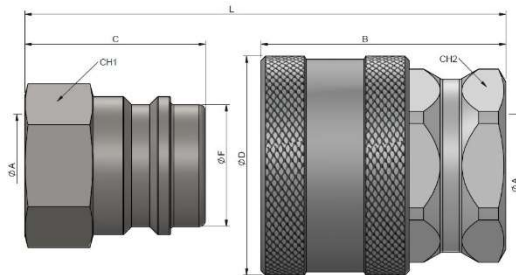
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
6	1/4" BSP	140.11001AB	700	19	25	14.10	45

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
6	1/4" BSP	140.12011AB	700	22	35	29.5	45

(S) 10 - 3/8"



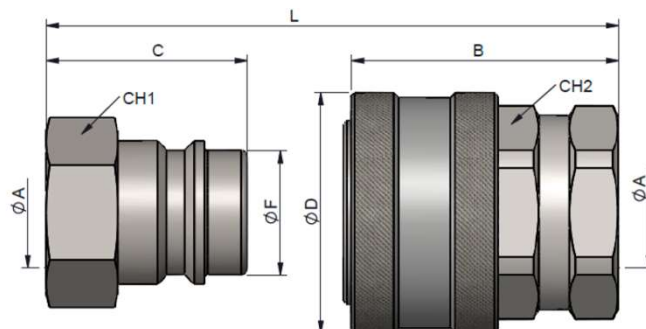
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
10	3/8" BSP	140.11002AC	600	22	28	18.90	48.50

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
10	3/8" BSP	140.12012AC	600	27	38	34	48.50

(S) 13 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	C	ØF	L
13	1/2" BSP	140.11003AD	500	27	33	20.40	55.50

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	B	ØD	L
13	1/2" BSP	140.12013AD	500	32	45	39.5	55.50



140 SERIES CVP

CAPS &
PLUGS

INTEVA

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Size 13 – 1/2" manufactured according to ISO 7241-A & ISO 5675 norms

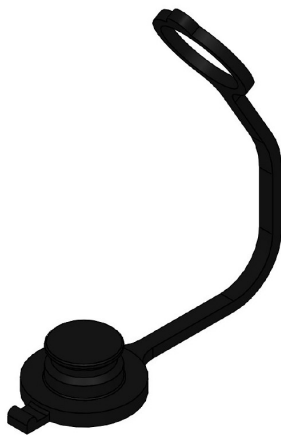
MODEL STRUCTURE / DIMENSIONS

Example:

104.5353 AA

Series	Material	Part	Color	Size (S)	Type
104.	5 Plastic	3 Cap	5 Black	1 6 1/4"	AA
101.		4 Plug		2 10 3/8"	
				3 13 1/2"	

(S) 6 – (S) 13 – PLASTIC



CAP (FEMALE)



PLUG (MALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5351AA	*
10	*	*	*	*	104.5352AA	*
13	*	*	*	*	101.5353AA	*

* Available upon request

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5451AA	*
10	*	*	*	*	104.5452AA	*
13	*	*	*	*	101.5453AA	*

140-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



150 SERIES INV

HIGH FLOW

Available in other materials upon minimum order

TECHNICAL SPECIFICATIONS

Features:	High flow rate and reduced pressure drop.	
Operating pressure:	Up to 190 Bar	
Materials:	Body:	Carbon Steel EN -10277-3*
	O-rings:	NBR
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
Available Threads:	Balls:	AISI 1010/1015
	BSP (ORB) / NPTF*	
Closing System:	Poppet	
Connection:	Sleeve Retraction & Press to connect	
Disconnection:	Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 3/4" y 1"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

Sectors: Industrial, Gas and Oil onshore and Offshore



Applications: Designed for Hydraulic Oil (Group II-2014/68/EU) y agua Caliente

Interchange: SNAP-TITE H / FASTER TNV

*Others upon request.

MODEL STRUCTURE

Example:

150.12114 AEORB

Series	Material	Part	Closing	O-rings	Size (S)	Thread
150.	1 Carbon St.	1 Male 2 Female	1 Poppet	0 Without 1 NBR	4 20 5 25	3/4" 1" 2-4 letras (ver Tabla de Threads en pagina 999-1)

150-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

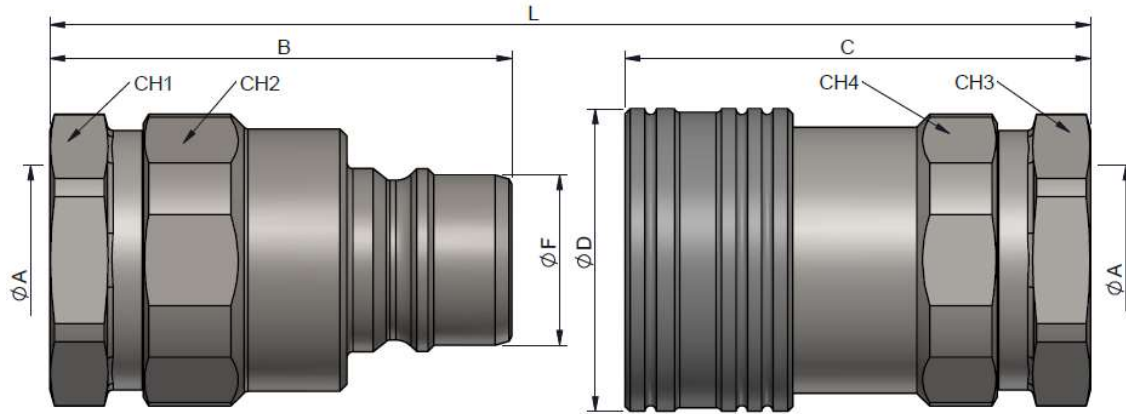




150 SERIES INV

HIGH FLOW

(S) 20 - 3/4"



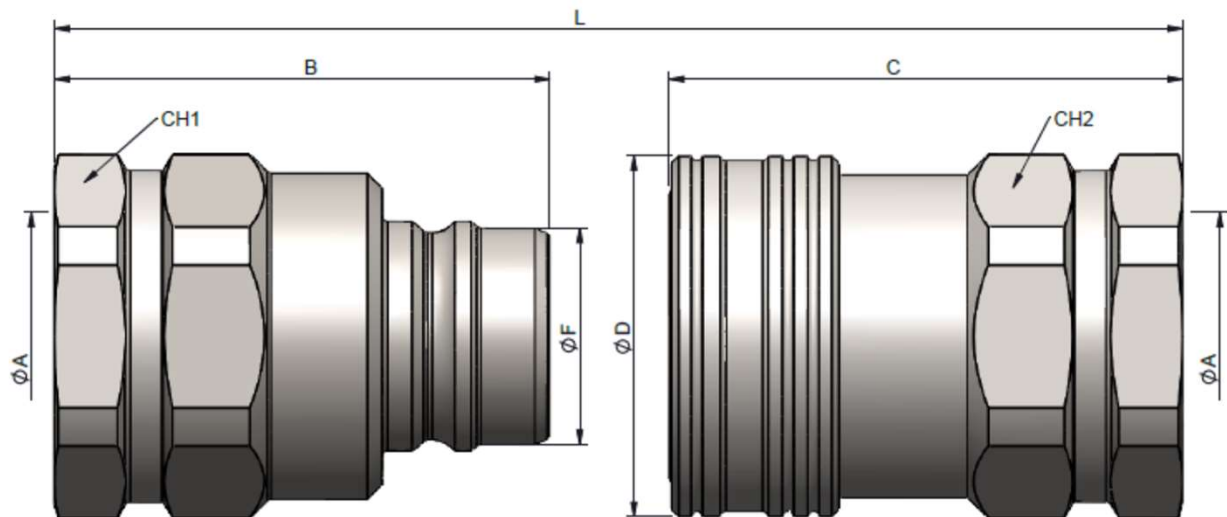
STANDARD MALE MODELS

(S)	ØA	REF.		B	CH1	CH2	ØF	L
19	3/4" BSP ORB	150.11114AEORB		63.5	36	38	23.4	105.5
	3/4" NPTF	150.11114BE						

STANDARD FEMALE MODELS

(S)	ØA	REF.		C	CH3	CH4	ØD	L
19	3/4" BSP ORB	150.12114AEORB		64	36	38	41.5	105.5
	3/4" NPTF	150.12114BE						

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		B	CH1	ØF	L
25	1" BSP ORB	150.11115AFORB		68	46	29.7	115.5
	1" NPTF	150.11115BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		C	CH2	ØF	L
25	1" BSP ORB	150.12115AFORB		70.5	46	49.5	115.5
	1" NPTF	150.12115BF					

150-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



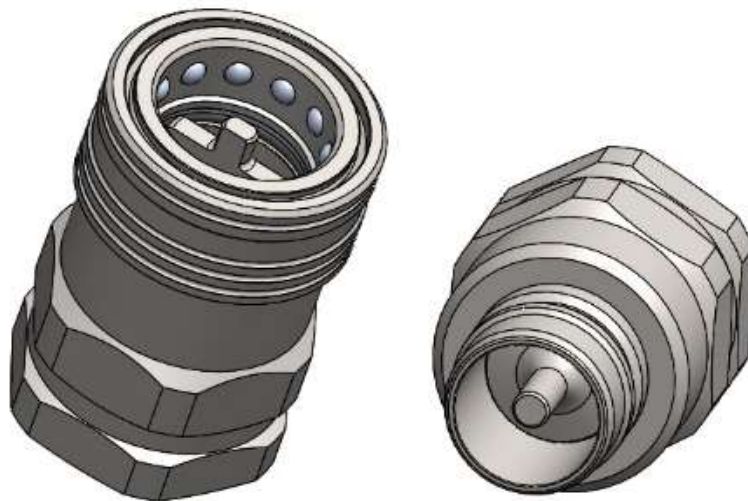
v11



150 SERIES INV

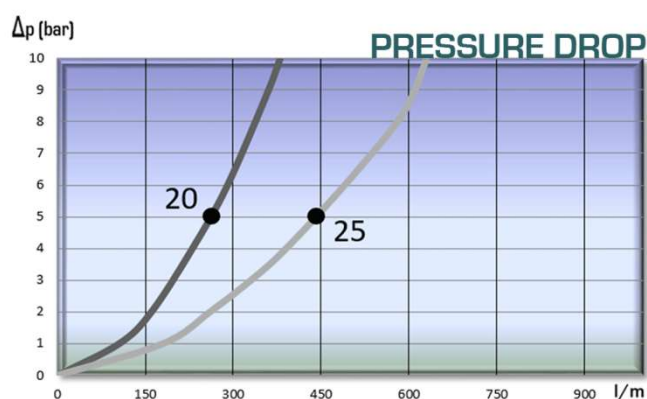
HIGH FLOW

TECHNICAL DATA



(S)	Max. Flow	Connection Force	Min. Burst Pressure (bar)			Max. Working Pressure	Fluid Spillage
	l/m	N	Male	Female	Coupled	Bar	l
19	170	110	760	760	760	190	0.014
25	280	150	600	600	600	150	0.020

Test performed according to ISO 18869



150-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





170 SERIES WEB

HIGH PRESSURE
PUSH PULL

TECHNICAL SPECIFICATIONS

Features: Designed for high pressure applications; rescue equipment, elevators...

Operating pressure: Up to 700 Bar

Available Size: 1/4"

Materials: Body: Carbon Steel EN -10277-3

Working Temperature (O-rings)

O-rings: NBR (90 Shores)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Back-up-ring: PTFE

Springs: EN 10270-1/SH

Balls: AISI 1010/1015

Sectors: Industrial

Available Threads: ISO 8431-1*



Closing System: Poppet Valve

Connection / Disconnection: Push Pull

Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Connection Under Pressure: Not Allowed

Interchange: WEBER

*Others upon request.

MODEL STRUCTURE

Example:

170.11111 BE

Series	Material	Part	Closing	O-rings	Size (S)	Thread
170.	1 Carbon St.	1 Male 2 Female	1 Poppet	0 Without 1 NBR	1 6 1/4"	2 letters (see Table of Threads page 999-1)

170-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

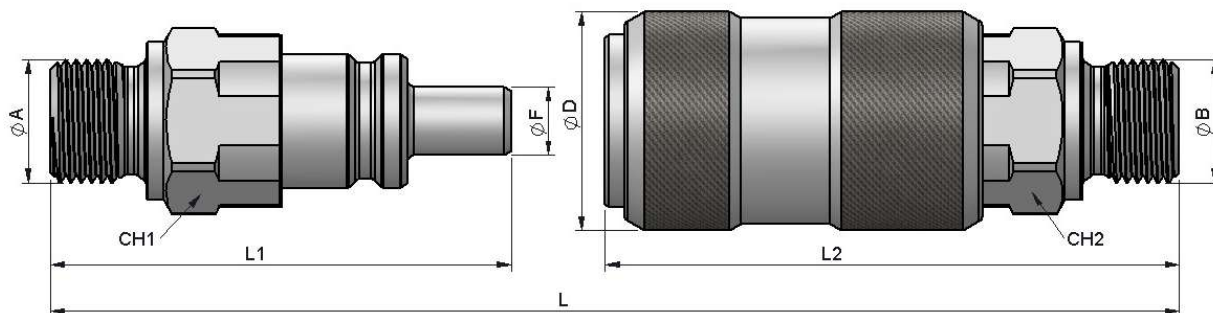




170 SERIES WEB

HIGH PRESSURE
PUSH PULL

(S) 6 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	M18x1.5	170.11111KE	700	24	67	9.9	118

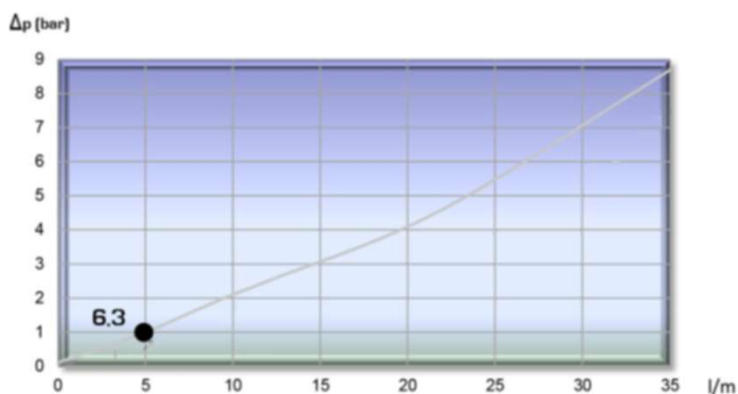
STANDARD FEMALE MODELS

(S)	ØB	REF.		CH2	L2	ØD	L
6	M18x1.5	170.12111KE	700	24	83	31.8	118

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure	Cycles
	l/m	Male	Female	Coupled	Bar	
6	5 l/m	2600	2300	2600	700 Bar	100.000

Test performed according to ISO 18869



170-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





170 SERIES WEB CAPS

CAPS



Designed to protect the female and male while disconnected.

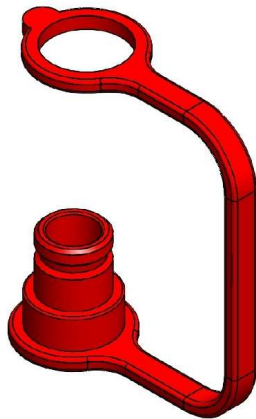
MODEL STRUCTURE / DIMENSIONS

Example:

170.5311 AA

Series	Material	Part	Color	Size (S)	Type
170.	5 Plastic	3 Cap Female 4 Cap Male	1 Red	1 6 : 1/4"	AA

(S) 6 – PLASTIC



CAP (FEMALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	170.5311AA	*	*	*	*	*

CAP (MALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	170.5411AA	*	*	*	*	*

* Others colors available on request

170-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



v11



172 SERIES LKA

HIGH PRESSURE
SAFETY SLEEVE

TECHNICAL SPECIFICATIONS

Features: Designed for high pressure applications; rescue equipment, elevators...

Operating pressure: Up to 700 Bar

Available Size: 1/4"

Materials: Body: Carbon Steel EN -10277-3

Working Temperature (O-rings)

O-rings: NBR (90 Shores)

NBR	Viton	EPDM
+100°C	+200°C	+150°C
-30°C	-10°C	-40°C

Back-up-ring: PTFE

Springs: EN 10270-1/SH

Balls: AISI 1010/1015

Sectors: Industrial

Available Threads: ANSI B1.20.1 / ISO 8431-1*



Closing System: Poppet Valve

Connection / Disconnection Safety Sleeve

Applications: Designed for Hydraulic Oil (Group II-2014/68/EU)

Connection Under Pressure: No allowed

Interchange: LUKAS

*Others upon request.

MODEL STRUCTURE

Example:

172.11141 BNT

Series	Material	Part	Closing	O-rings	Size (S)	Thread
170.	1 Carbon St.	1 Male 2 Female	1 Poppet	0 Without 1 NBR	1 6 1/4"	2 letters (see Table of Threads page 999-1)

172-1

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.

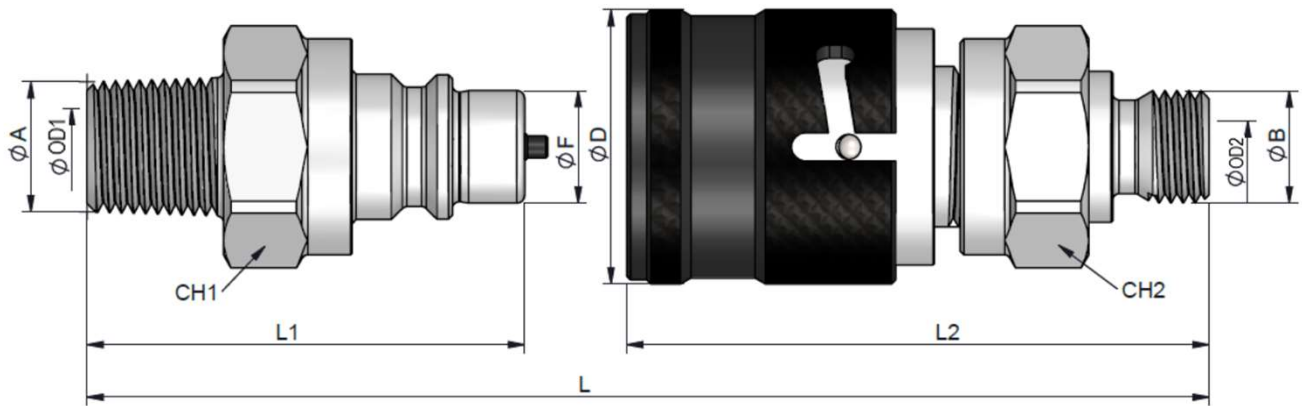





172 SERIES LKA

HIGH PRESSURE
SAFETY SLEEVE


(S) 6 - 1/4"



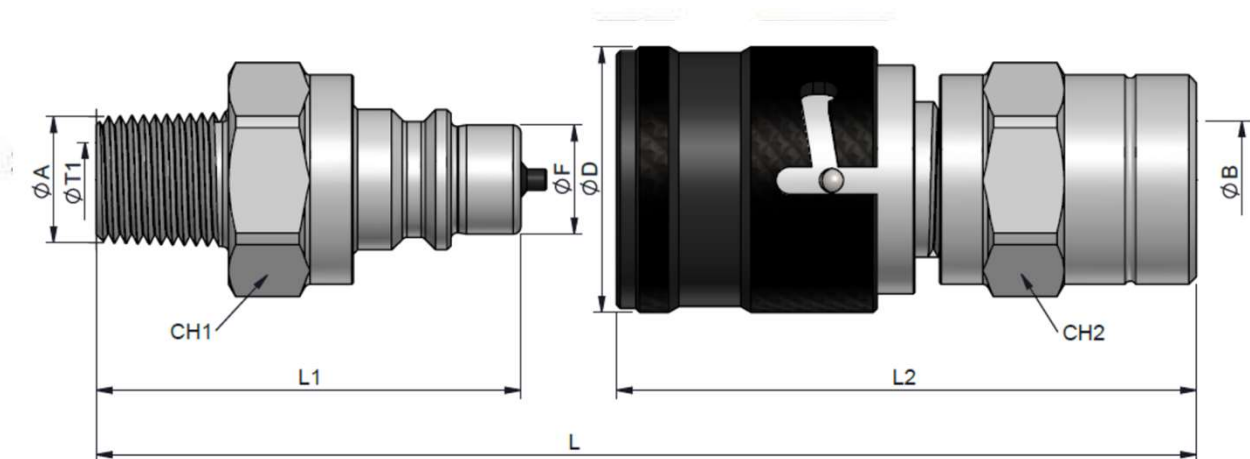
STANDARD MALE MODELS

(S)	ØA	OD1	REF.		CH1	L1	ØF	L
6	3/8" NPT	9.5	172.11141BNT	700	27	54.5	13.95	107


STANDARD FEMALE MODELS

(S)	ØB	OD2	REF.		CH2	L2	ØD	L
6	M14x1.5	6.4	172.12141KCB	700	27	71.5	34	107


(S) 6 - 1/4"



STANDARD MALE MODELS

(S)	ØA	OD1	REF.		CH1	L1	ØF	L
6	3/8" NPT	9.5	172.11141BNT	700	27	54.5	13.95	109

STANDARD FEMALE MODELS

(S)	ØB	REF.		CH2	L2	ØD	L
6	3/8" NPT	172.12141BCT	700	27	74.5	34	109

172-2

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





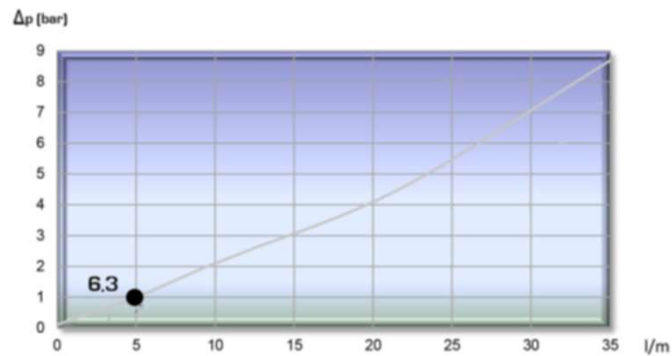
172 SERIES LKA

HIGH PRESSURE
SAFETY SLEEVE

TECHNICAL DATA

(S)	Rated Flow l/m	Min Burst Pressure (Bar)			Max. Working Pressure Bar	Cycles
		Male	Female	Coupled		
6	5	2600	2300	2600	700	100.000

Test performed according to ISO 18869



172-3

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.





172 SERIES

LKA CAPS

CAPS

INTEVA

Designed to protect the female and male while disconnected.

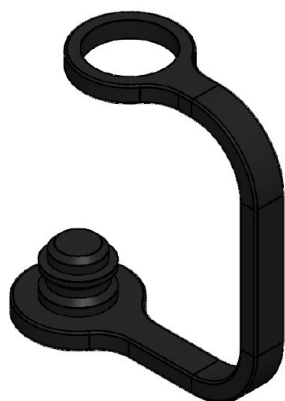
MODEL STRUCTURE / DIMENSIONS

Example:

172.5351 AA

Series	Material	Part	Color	Size (S)	Type
172.	5 Plastic	3 Cap Female 4 Cap Male	5 Black	1 6 1/4"	AA

(S) 6 – PLASTIC



CAP (FEMALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	172.5351AA	*

* Others colors available on request

CAP (MALE)

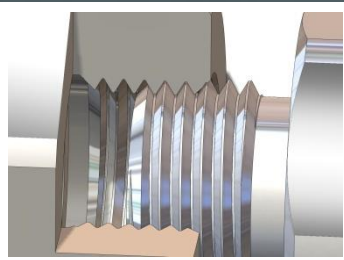
(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	172.5451AA	*

172-4

INTEVA reserves the right to make modifications to its products without prior notice. Any external or internal alterations to our products will automatically void the warranty.



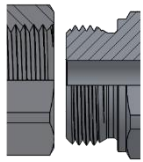
v11



999 SERIES THREADS

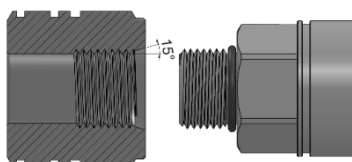
ISO 261 METRIC THREADS - PORT / CONNECTION

DIN 3852-1 B / ISO 9974



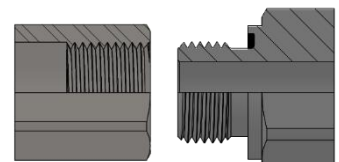
THREAD	FEMALE	MALE
M8X1	NA	PA
M10X1	NB	PB
M12X1.5	NC	PC
M14X1.5	ND	PD
M16X1.5	NE	PE
M18X1.5	NF	PF
M20X1.5	NG	PG
M22X1.5	NH	PH
M24X1.5	NI	PI
M26X1.5	NO	PO
M27X2	-	-
M30X2	NJ	PJ
M33X2	NK	PK
M42X2	NL	PL
M48X2	NM	PM
M60X2	-	-

ISO 6149-2 (ORB)



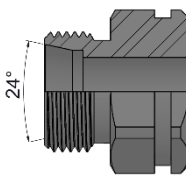
THREAD	FEMALE	MALE
M8X1	EA	OA
M10X1	EC	OC
M12X1.5	EE	OE
M14X1.5	EF	OF
M16X1.5	EG	OG
M18X1.5	EH	OH
M20X1.5	EK	OK
M22X1.5	EM	OM
M24X1.5	-	-
M26X1.5	-	-
M27X2	-	-
M30X2	EJ	OJ
M33X2	EQ	OQ
M42X2	ET	OT
M48X2	EU	OU
M60X2	EV	OV

ISO 9974-2 (E) / DIN 3852-11



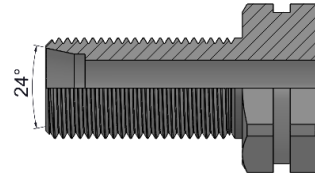
THREAD	FEMALE	MALE
M8X1	NA	QA
M10X1	NB	QB
M12X1.5	NC	QC
M14X1.5	ND	QD
M16X1.5	NE	QE
M18X1.5	NF	QF
M20X1.5	NG	QG
M22X1.5	NH	QH
M24X1.5	-	-
M26X1.5	NO	QO
M27X2	-	-
M30X2	NJ	QJ
M33X2	NK	QK
M42X2	NL	QL
M48X2	NM	QM
M60X2	-	-

ISO 8434-1 / DIN 3861

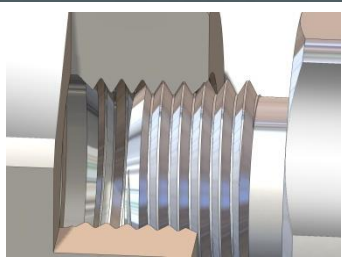


THREAD	LIGHT SERIES		HEAVY SERIES	
M12X1.5	6L	JB	-	-
M14X1.5	8L	JC	-	-
M16X1.5	10L	JD	8S	KD
M18X1.5	12L	JE	10S	KE
M20X1.5	-	-	12S	KF
M22X1.5	15L	JG	14S	KG
M24X1.5	-	-	16S	KH
M26X1.5	18L	JI	-	-
M30X2	22L	JJ	20S	KJ
M36X2	28L	JK	25S	KK
M42X2	-	-	30S	KL
M45X2	35L	JM	-	-
M52X2	42L	JN	38S	KN

ISO 8434-1 / DIN 3861



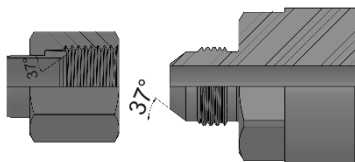
THREAD	LIGHT SERIES		HEAVY SERIES	
M12X1.5	6L	LB	-	-
M14X1.5	8L	LC	-	-
M16X1.5	10L	LD	8S	MD
M18X1.5	12L	LE	10S	ME
M20X1.5	-	-	12S	MF
M22X1.5	15L	LG	14S	MG
M24X1.5	-	-	16S	MH
M26X1.5	18L	LI	-	-
M30X2	22L	LJ	20S	MJ
M36X2	28L	LK	25S	MK
M42X2	-	-	30S	ML
M45X2	35L	LM	-	-
M52X2	-	-	38S	MN



999 SERIES THREADS

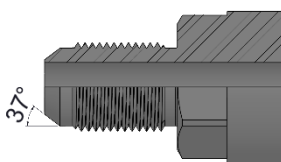
UNIFIED SCREW THREADS ASME B1.1 – PORT / CONNECTION

SAE 37° (JIC) /
SAE J514 / ISO 8434-2



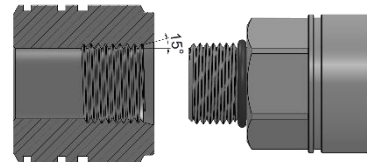
THREAD	FEMALE	MALE
3/8"- 24h UNF	UA	YA
7/16"- 20h UNF	UB	YB
1/2"- 20h UNF	UC	YC
9/16"- 18h UNF	UD	YD
11/16"- 16h UN	UE	YE
3/4"- 16h UNF	UF	YF
13/16"- 16h UN	UG	YG
7/8"- 14h UNF	UH	YH
1" – 14 UNS	-	-
1 1/16"- 12h UN	UK	YK
1 3/16"- 12h UN	UM	YM
1 5/16"- 12h UN	UO	YO
1 7/16"- 12h UN	UQ	YQ
1 5/8"- 12h UN	UT	YT
1 11/16"- 12h UN	UU	YU
1 7/8"- 12h UN	UV	YV

SAE 37° (JIC) / SAE J514 / ISO 8434-2
BULKHEAD



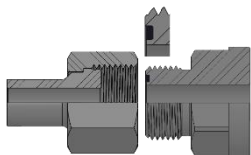
THREAD	FEMALE	MALE
3/8"- 24h UNF	-	YAP
7/16"- 20h UNF	-	YBP
1/2"- 20h UNF	-	YCP
9/16"- 18h UNF	-	YDP
11/16"- 16h UN	-	YEP
3/4"- 16h UNF	-	YFP
13/16"- 16h UN	-	YGP
7/8"- 14h UNF	-	YHP
1" – 14 UNS	-	-
1 1/16"- 12h UN	-	YKP
1 3/16"- 12h UN	-	YMP
1 5/16"- 12h UN	-	YOP
1 7/16"- 12h UN	-	YQP
1 5/8"- 12h UN	-	YTP
1 11/16"- 12h UN	-	YUP
1 7/8"- 12h UN	-	YVP

SAE J1926 / ISO 11926
(ORB)



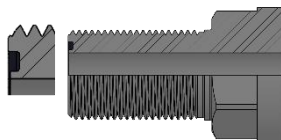
THREAD	FEMALE SAE J1926-1	MALE SAE J1926-2
3/8"- 24h UNF	GA	HA
7/16"- 20h UNF	GB	HB
1/2"- 20h UNF	GC	HC
9/16"- 18h UNF	GD	HD
11/16"- 16h UN	GE	HE
3/4"- 16h UNF	GF	HF
13/16"- 16h UN	GG	HG
7/8"- 14h UNF	GH	HH
1" – 14 UNS	-	-
1 1/16"- 12h UN	GK	HK
1 3/16"- 12h UN	GM	HM
1 5/16"- 12h UN	GO	HO
1 7/16"- 12h UN	GQ	HQ
1 5/8"- 12h UN	GT	HT
1 11/16"- 12h UN	GU	HU
1 7/8"- 12h UN	GV	HV

SAE J1453 / ISO 8434-3
(ORFS)



THREAD	FEMALE	MALE
3/8"- 24h UNF	-	-
7/16"- 20h UNF	-	-
1/2"- 20h UNF	-	-
9/16"- 18h UNF	VD	ZD
11/16"- 16h UN	VE	ZE
3/4"- 16h UNF	-	-
13/16"- 16h UN	VG	ZG
7/8"- 14h UNF	-	-
1" – 14 UNS	VI	ZI
1 1/16"- 12h UN	-	-
1 3/16"- 12h UN	VM	ZM
1 5/16"- 12h UN	VO	ZO
1 7/16"- 12h UN	VQ	ZQ
1 5/8"- 12h UN	-	-
1 11/16"- 12h UN	VU	ZU
1 7/8"- 12h UN	-	-

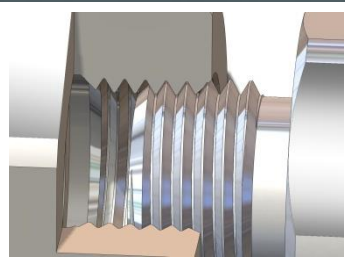
SAE J1453 / ISO 8434-3
(ORFS BULKHEAD)



THREAD	FEMALE	MALE
3/8"- 24h UNF	-	ZAP
7/16"- 20h UNF	-	ZBP
1/2"- 20h UNF	-	ZCP
9/16"- 18h UNF	-	ZDP
11/16"- 16h UN	-	ZEP
3/4"- 16h UNF	-	ZFP
13/16"- 16h UN	-	ZGP
7/8"- 14h UNF	-	ZHP
1" – 14 UNS	-	ZIP
1 1/16"- 12h UN	-	ZKP
1 3/16"- 12h UN	-	ZMP
1 5/16"- 12h UN	-	ZOP
1 7/16"- 12h UN	-	ZQP
1 5/8"- 12h UN	-	ZTP
1 11/16"- 12h UN	-	ZUP
1 7/8"- 12h UN	-	ZVP

SPECIALS

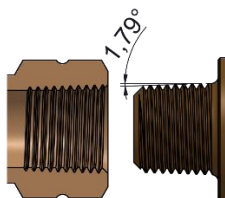
THREAD	FEMALE	MALE
3/8"- 24h UNF	VA	ZA
7/16"- 20h UNF	VB	ZB
1/2"- 20h UNF	VC	ZC
3/4"- 16h UNF	VF	ZF
7/8"- 14h UNF	VH	ZH
1 1/16"- 12h UN	VK	ZK
1 5/8"- 12h UN	VT	ZT
1 7/8"- 12h UN	VV	ZV



999 SERIES THREADS

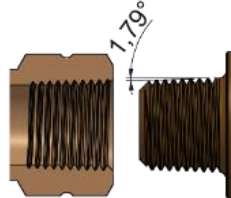
TAPERED THREAD

NPTF
ASME B1.20.3



THREAD	FEMALE	MALE
1/8"	BA	BL
1/4"	BB	BM
3/8"	BC	BN
1/2"	BD	BO
3/4"	BE	BP
1"	BF	BQ
1 1/4"	BG	BR
1 1/2"	BH	BS
2"	BI	BT
2 1/2"	BJ	BU
3"	BK	BV

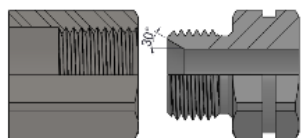
BSPT
ISO 7/1 (DIN 3852-2 C)



THREAD	FEMALE	MALE
1/8"	DA	DL
1/4"	DB	DM
3/8"	DC	DN
1/2"	DD	DO
3/4"	DE	DP
1"	DF	DQ
1 1/4"	DG	DR
1 1/2"	DH	DS
2"	DI	DT
2 1/2"	-	-
3"	-	-

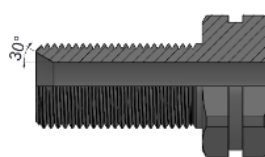
ISO 228/1 BSP THREADS

BSPP / BS5200



THREAD	FEMALE	MALE
1/8"	AA	AL
1/4"	AB	AM
3/8"	AC	AN
1/2"	AD	AO
3/4"	AE	AP
1"	AF	AQ
1 1/4"	AG	AR
1 1/2"	AH	AS
2"	AI	AT
2 1/2"	AJ	AU
3"	AK	AV

BSPP / BS5200
BULKHEAD



THREAD	FEMALE	MALE
1/8"	-	CL
1/4"	-	CM
3/8"	-	CN
1/2"	-	CO
3/4"	-	CP
1"	-	CQ
1 1/4"	-	CR
1 1/2"	-	CS
2"	-	CT
2 1/2"	-	-
3"	-	-

SPECIALS

THREAD	
M20X1.5 (13.5)	KFA
M20X1.5 (CONO 60°)	KFB
M16X1.5 BULKHEAD M20X1.5	JDA
M22X1.5 PROLOGADA	JGA
M22X1.5 15L LONG. HEX 35MM	JGB
M22X1.5 BULKHEAD PROLOGADA	LGA
3/4" 16h UNF (SIN CONO 37°)	HFA
3/4" 16h UNF (CILINDRICA)	GFA



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