



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	

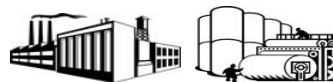
Available Size: 1/4" a 2"

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

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.

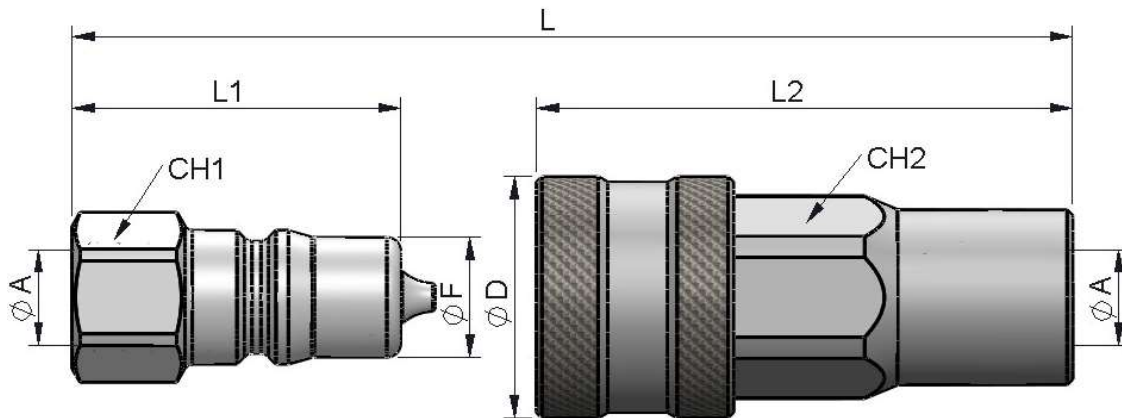




103 SERIES

ISO-B CARBON STEEL

(S) 04 - 1/8"



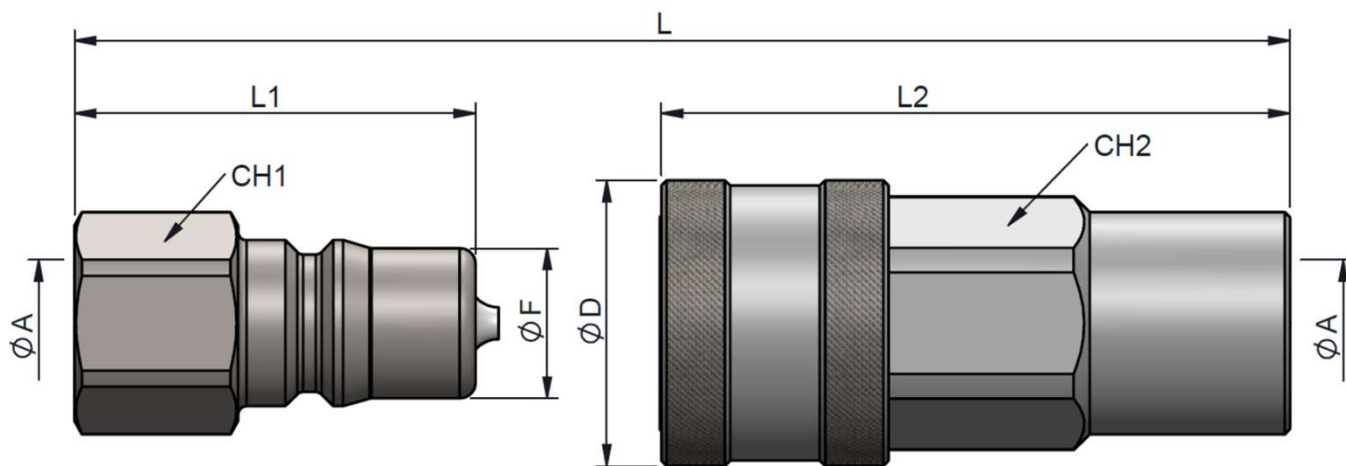
STANDARD MALE MODELS

(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					

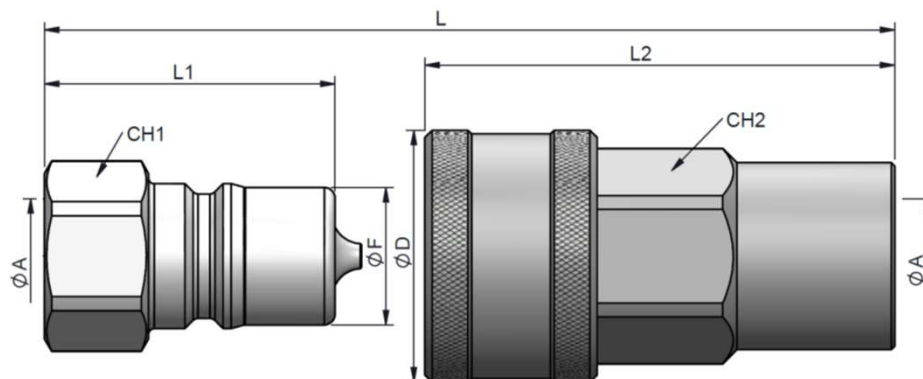
L= Total length when Male and Female are connected.



103 SERIES

ISO-B CARBON STEEL

(S) 10 - 3/8"



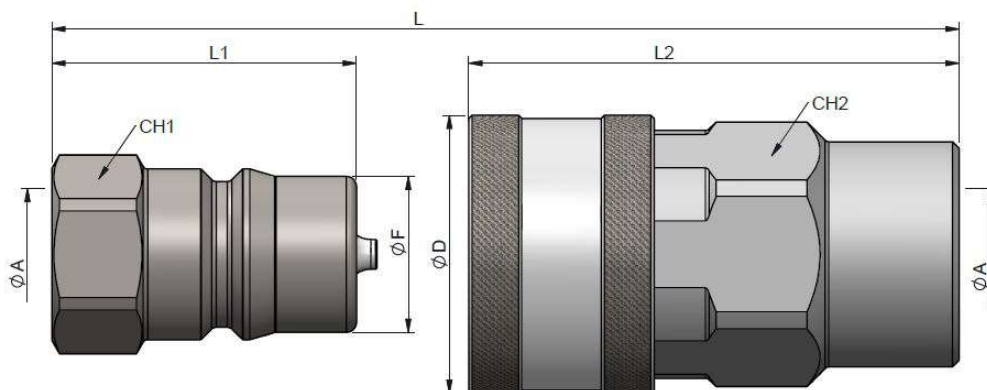
STANDARD MALE MODELS

(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

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.



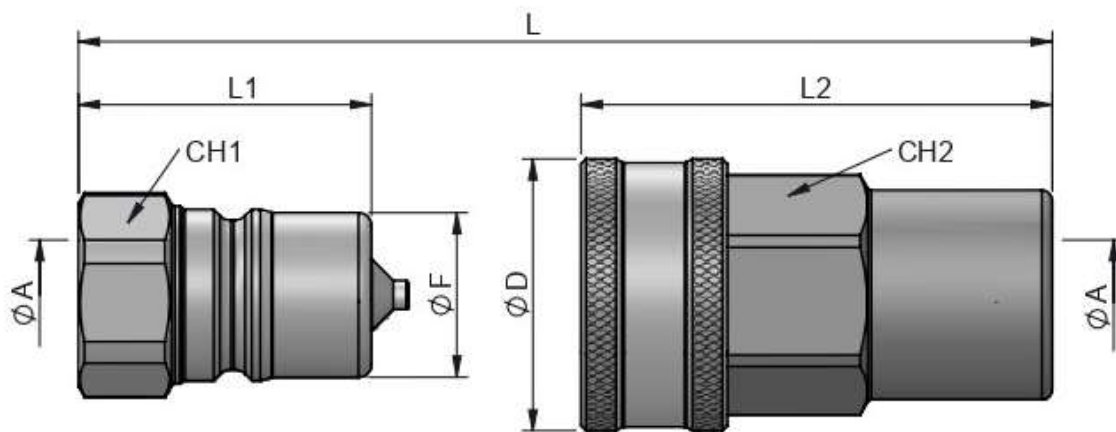
v11



103 SERIES

ISO-B CARBON STEEL

(S) 20 - 3/4"



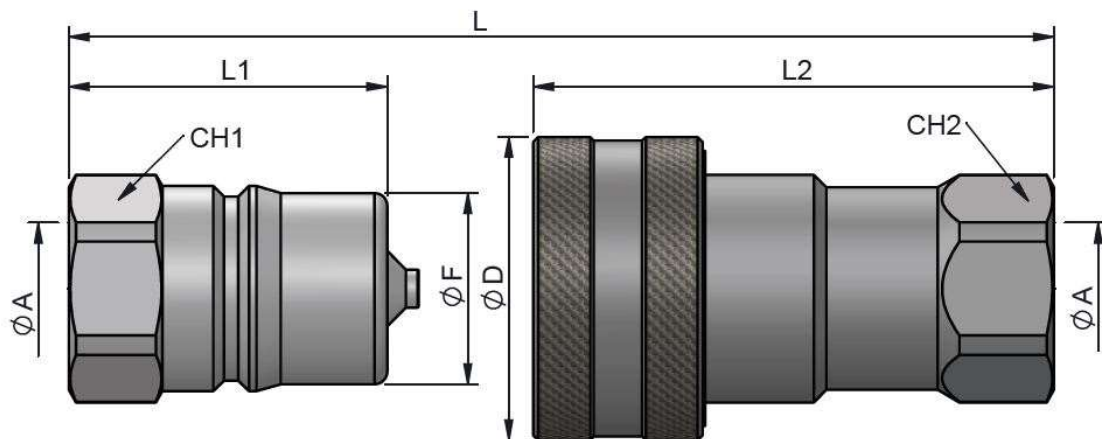
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
20	3/4" BSP	103.11114AE		36	56	31.45	112
	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		41	90	52	112
	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		41	63	37.80	126
	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		41	103	60	126
	1" NPTF	103.12115BF					
	1 5/16"-12h UN (ORB)	103.12115GO					

L= Total length when Male and Female are connected.

103-4

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.

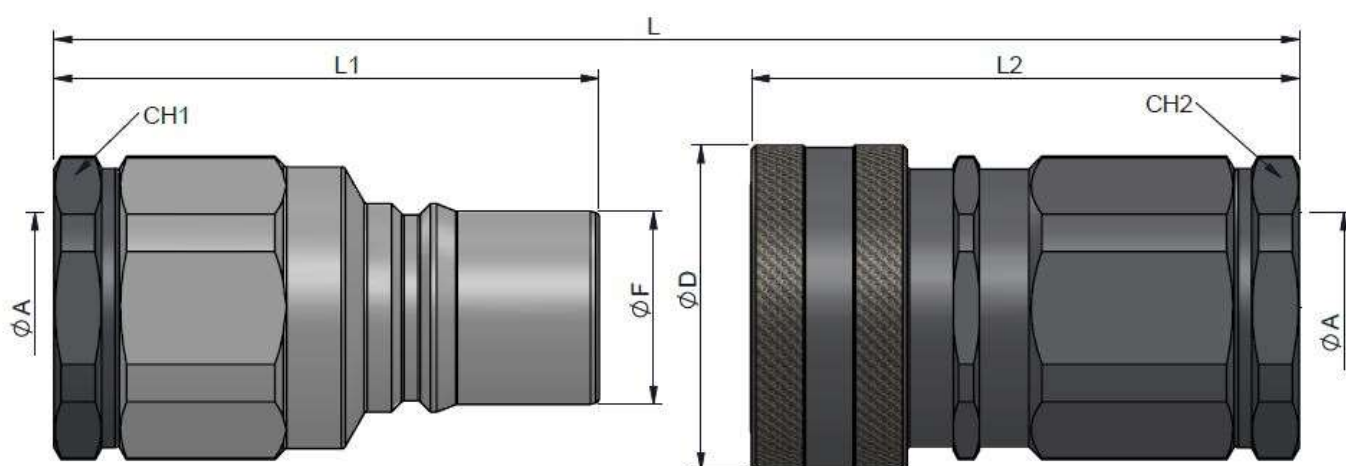






103 SERIES

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					

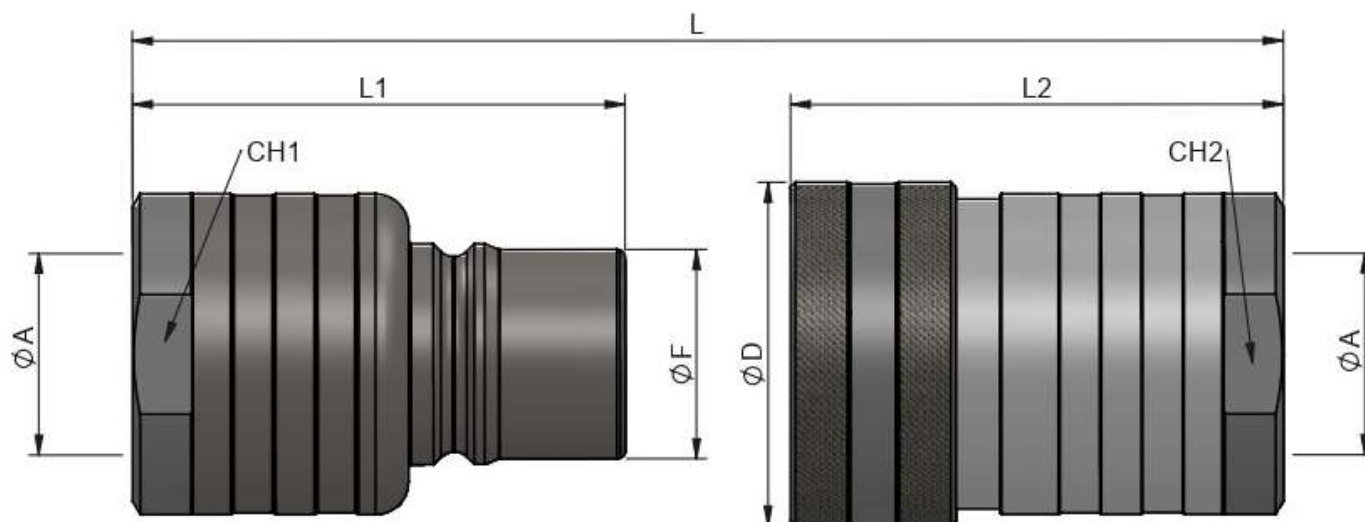
L= Total length when Male and Female are connected.





103 SERIES

ISO-B CARBON STEEL



(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	103.11118AI		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		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.



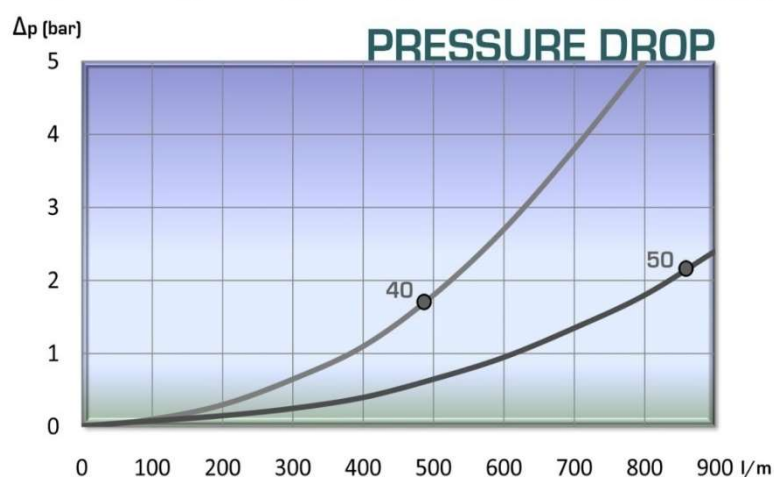
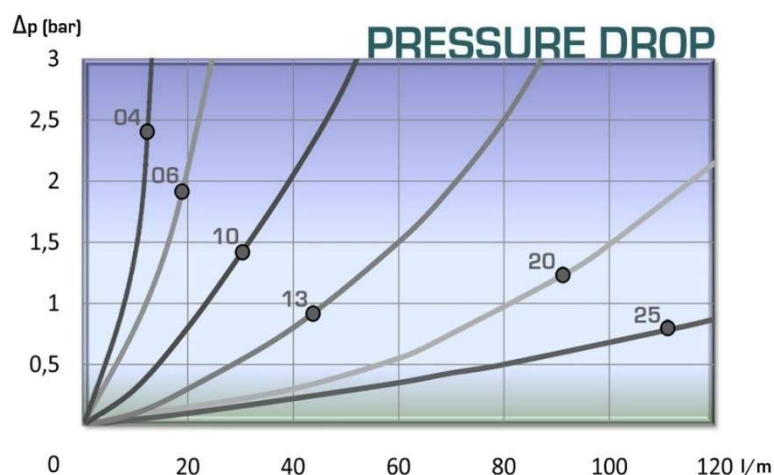
103 SERIES

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

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.

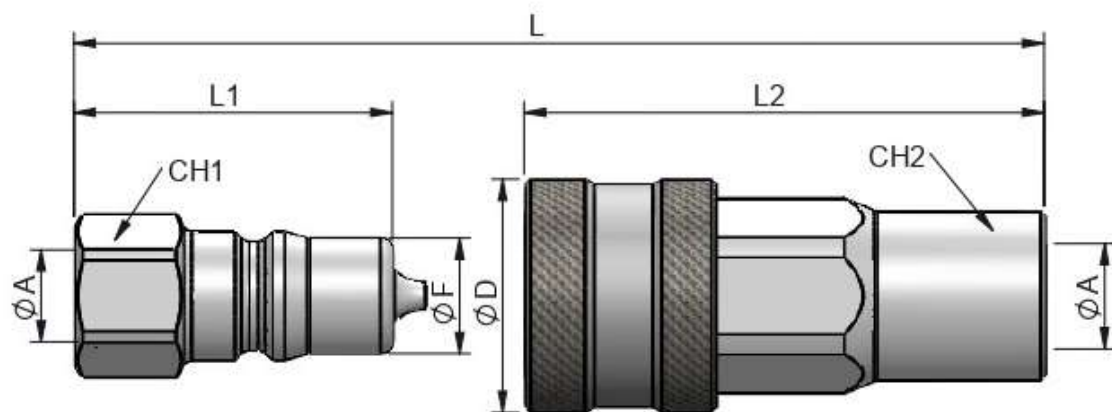




103 SERIES

ISO-B SS316

(S) 04 - 1/8"



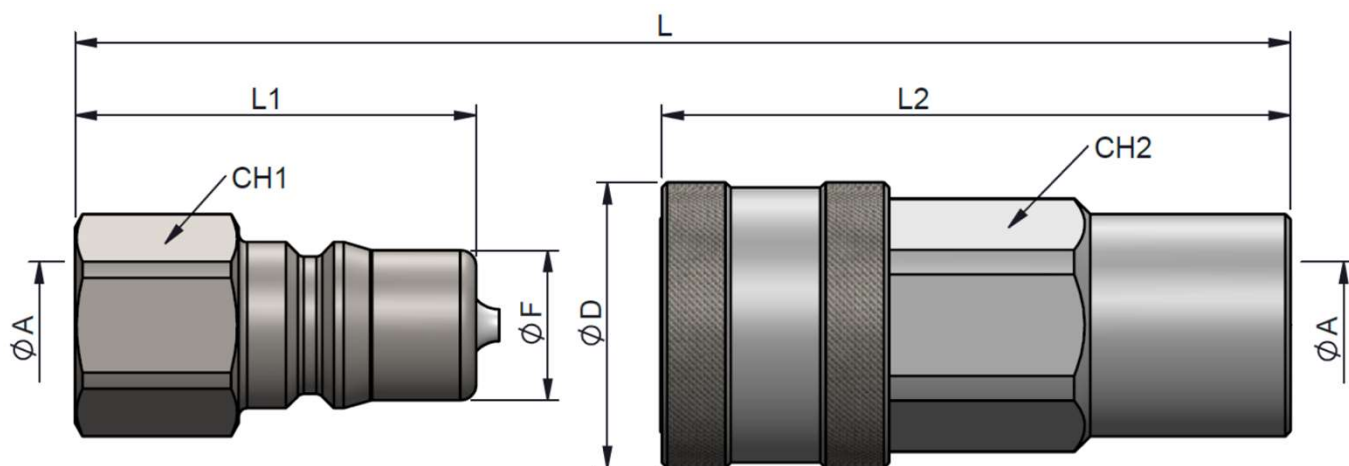
STANDARD MALE MODELS

(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

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.

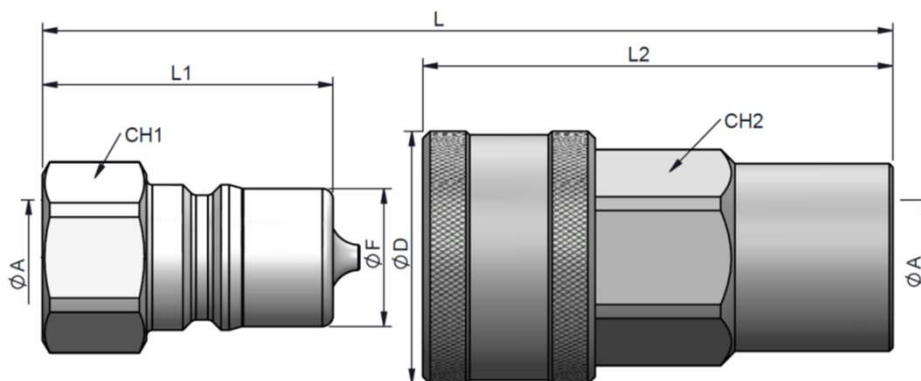




103 SERIES

ISO-B SS316

(S) 10 - 3/8"



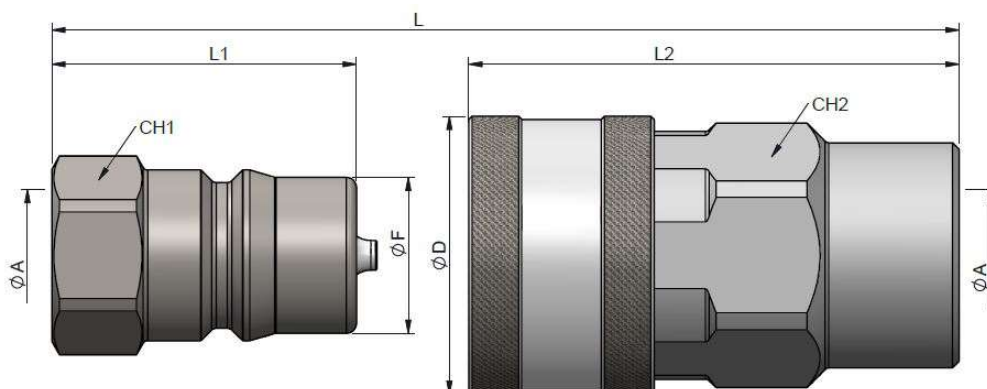
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

(S) 13 - 1/2"



STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

L= Total length when Male and Female are connected.

103-9

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.

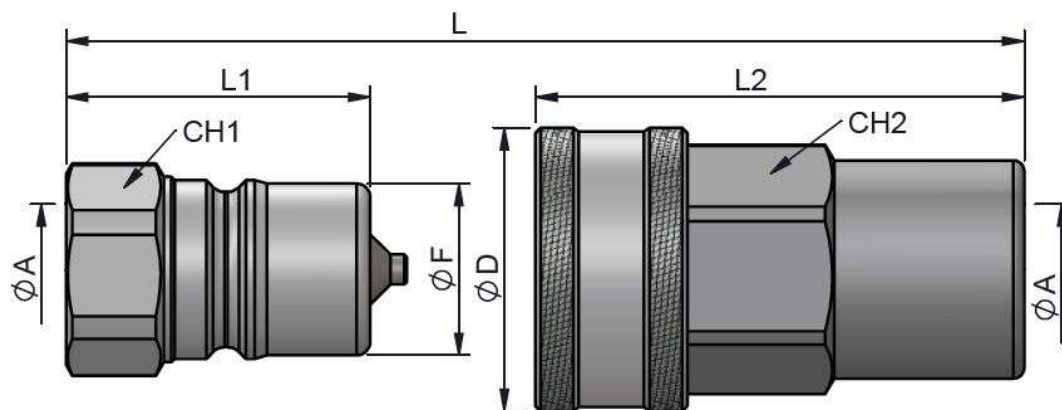






103 SERIES

ISO-B SS316



(S) 20 - 3/4"



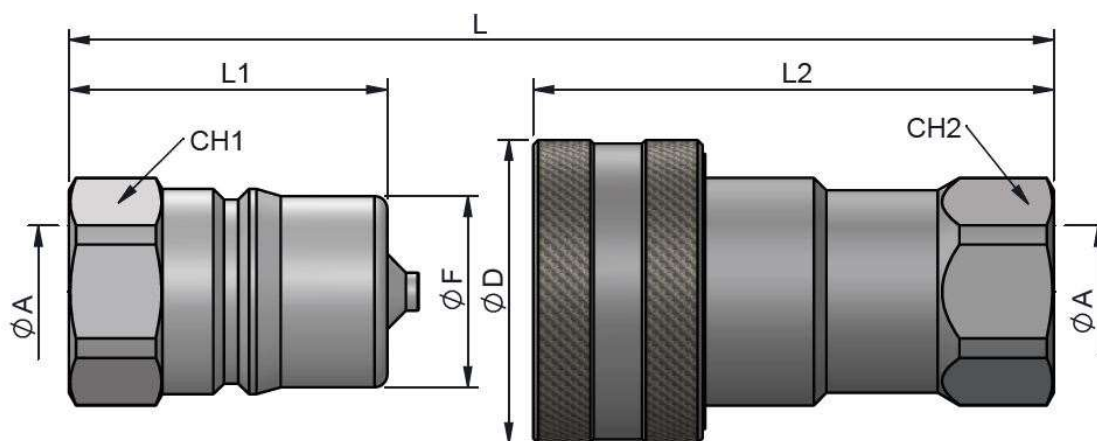
STANDARD MALE MODELS

(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.

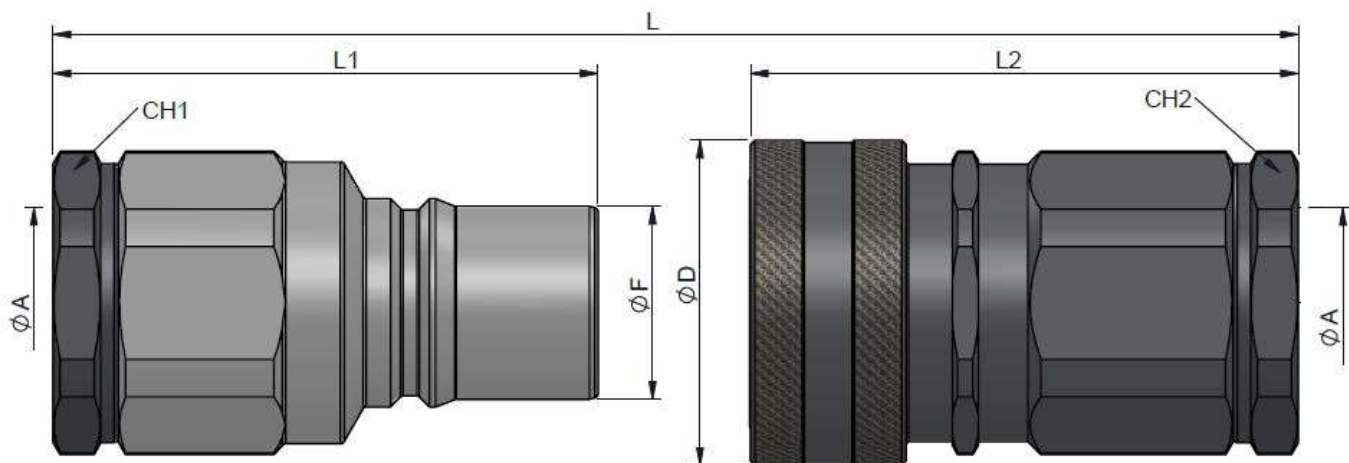





103 SERIES

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					

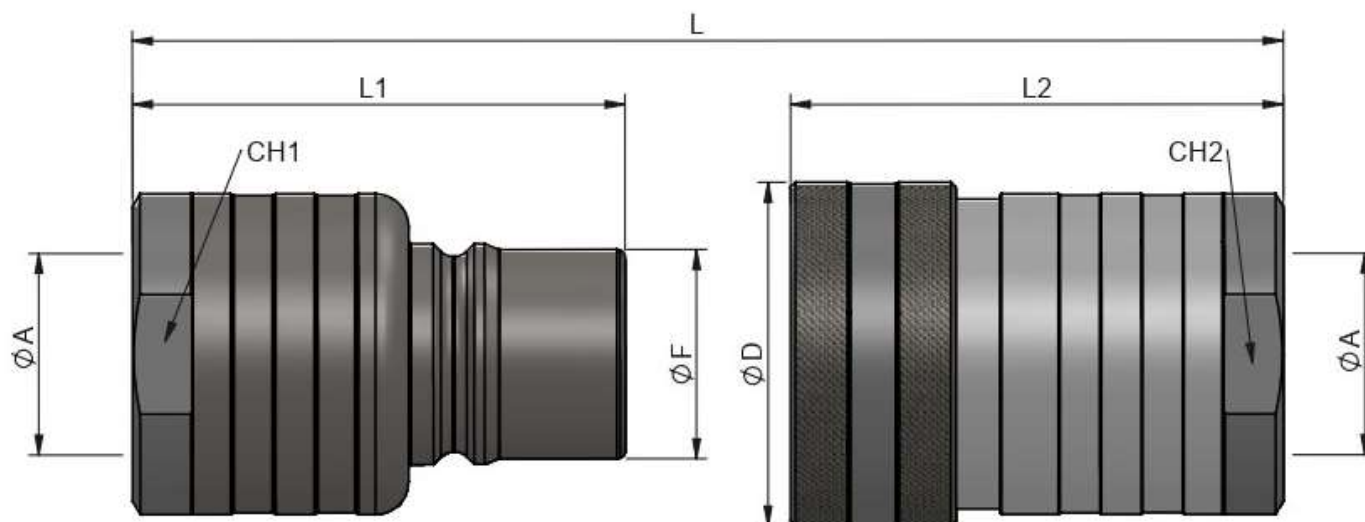
L= Total length when Male and Female are connected.



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.



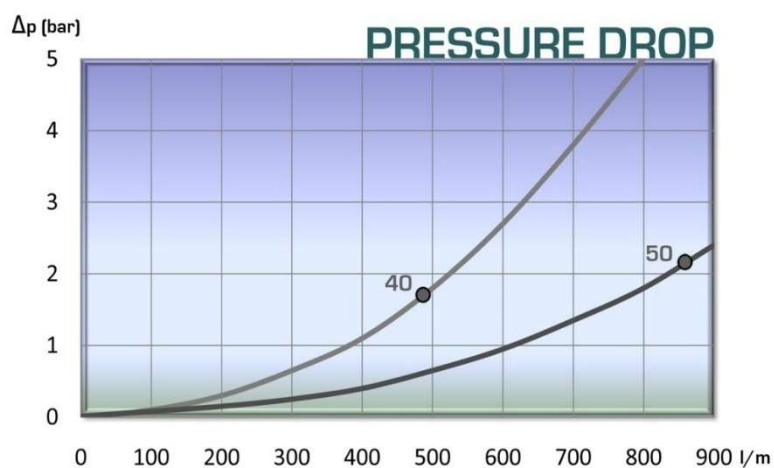
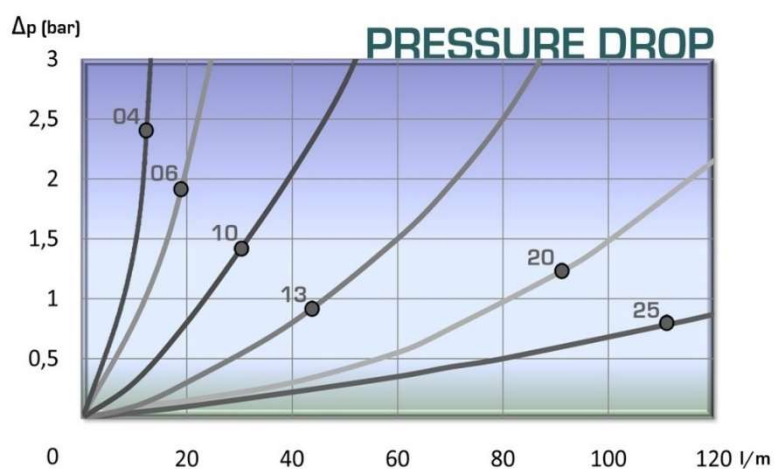
103 SERIES

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

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.

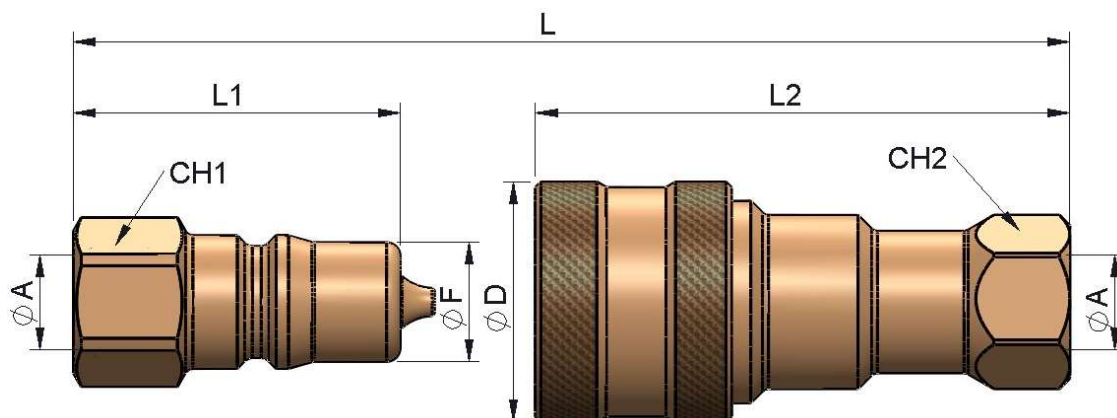




103 SERIES

ISO-B BRASS

(S) 04 - 1/8"



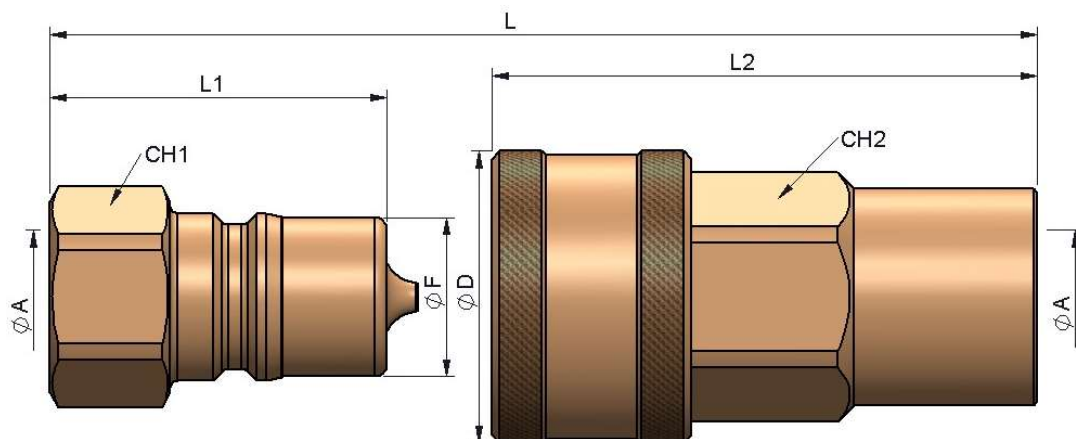
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
04	1/8" BSP	103.41120AA		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		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		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		22	59.55	27	76
	1/4" NPTF	103.42121BB					

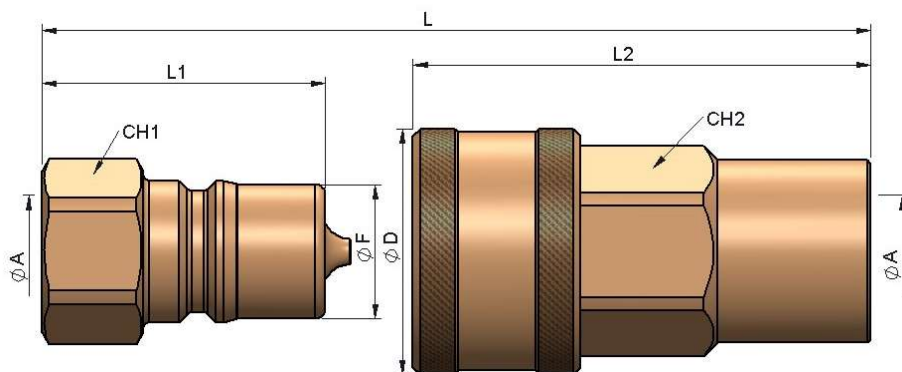
L= Total length when Male and Female are connected.



103 SERIES

ISO-B BRASS

(S) 10 - 3/8"



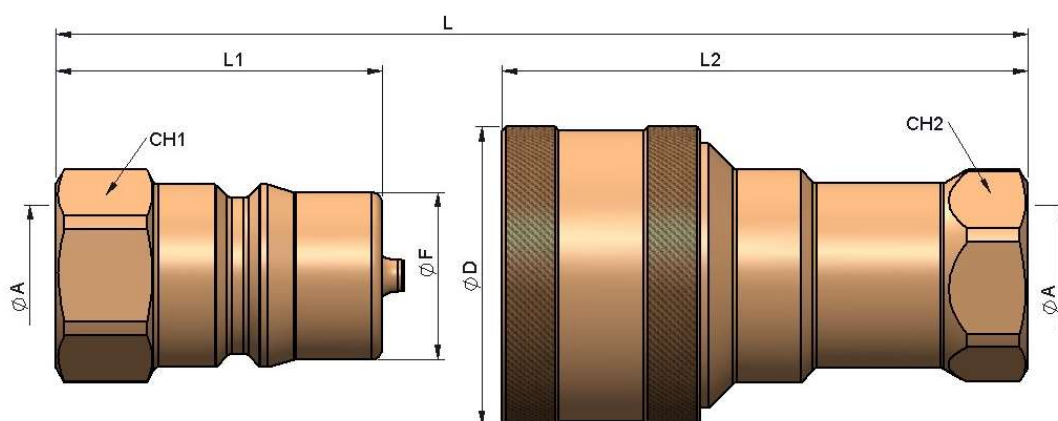
STANDARD MALE MODELS

(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.

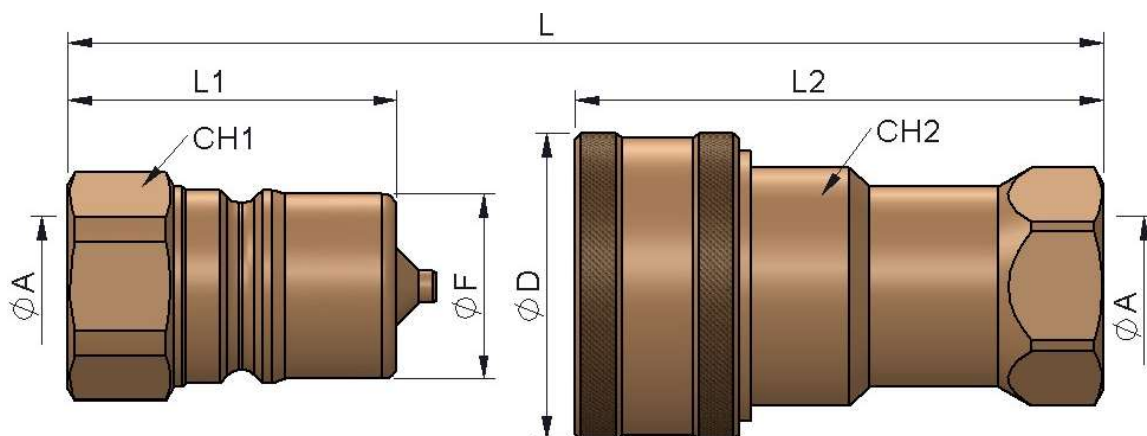




103 SERIES

ISO-B BRASS

(S) 20 - 3/4"



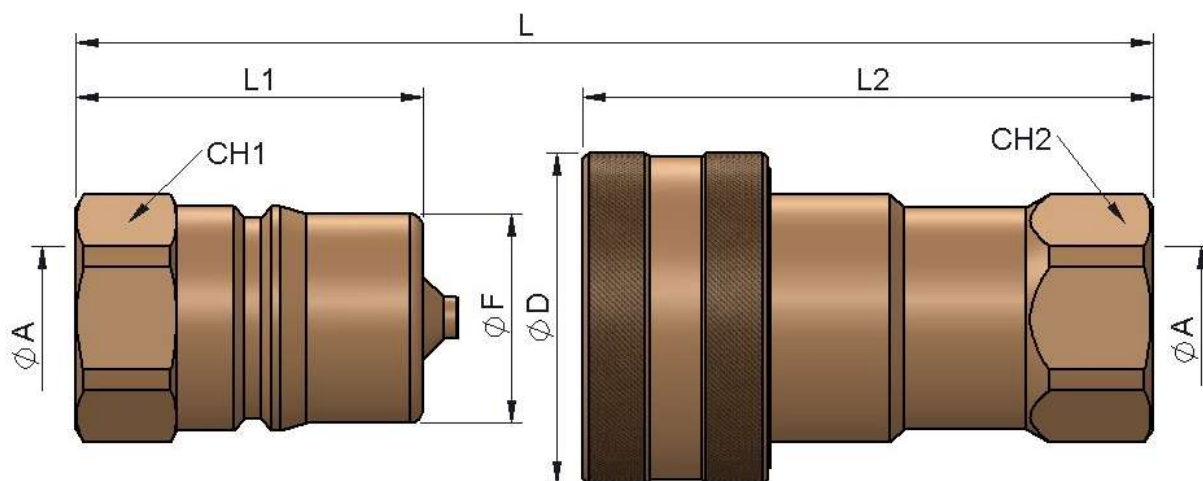
STANDARD MALE MODELS

(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.

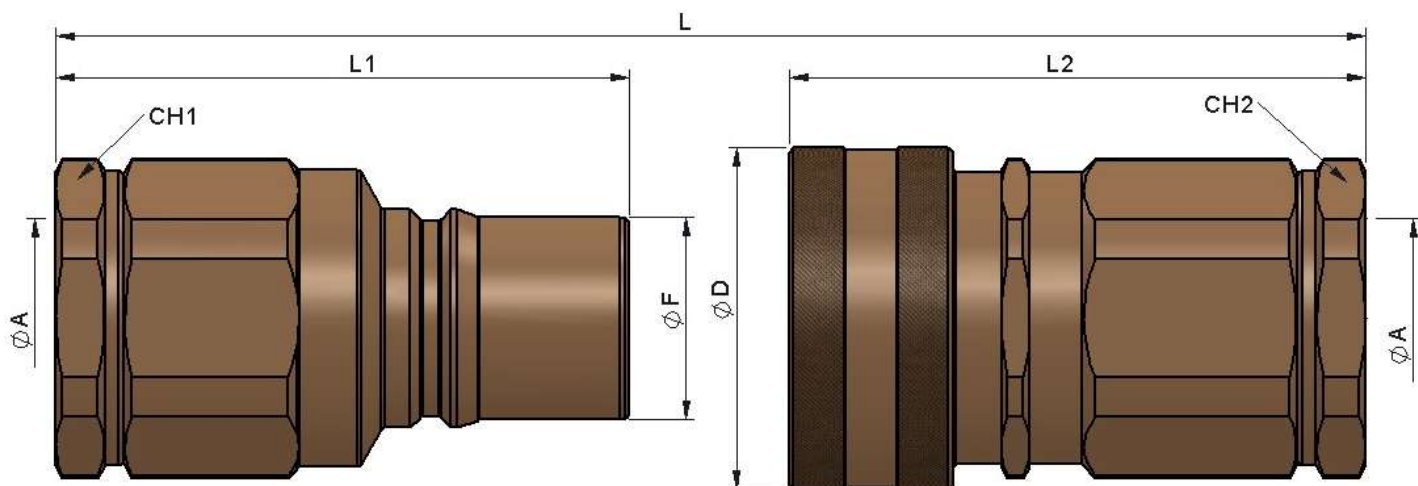






103 SERIES

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					

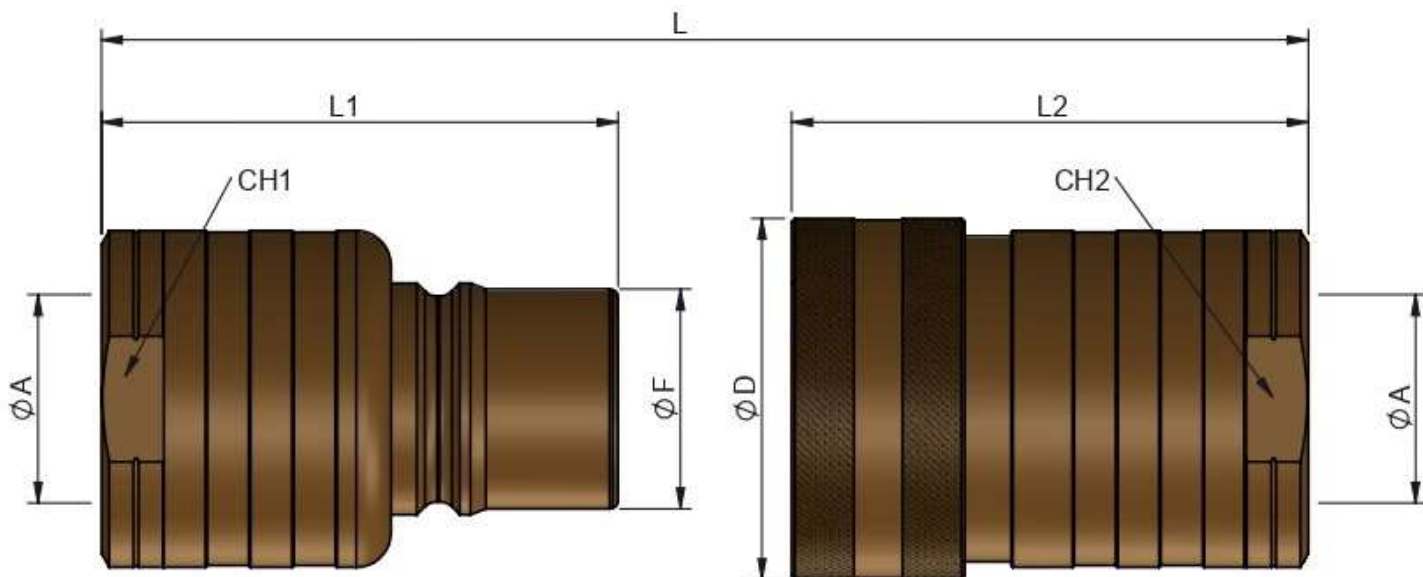
L= Total length when Male and Female are connected.





103 SERIES

ISO-B BRASS



(S) 50 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
50	2" BSP	103.41128AI		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		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

INTEVA

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

MODEL STRUCTURE / DIMENSIONS

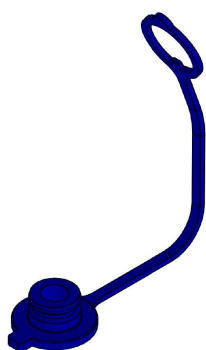
Example:

103.5321 AA

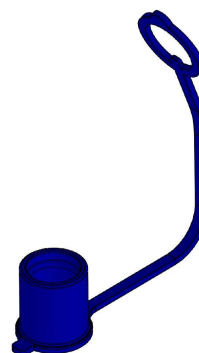
Series	Material*	Part	Color	Size (S)	Type
103.	5 Plastic	3 Plug	0 Plain Metal	0 4	AA
	6 Aluminum	4 Cap	1 Red	1 6	
			2 Blue	2 10	
			3 Yellow	3 13	
			4 Green	4 20	
			5 Black	5 25	
			6 White	7 38	
				8 50	

* 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

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

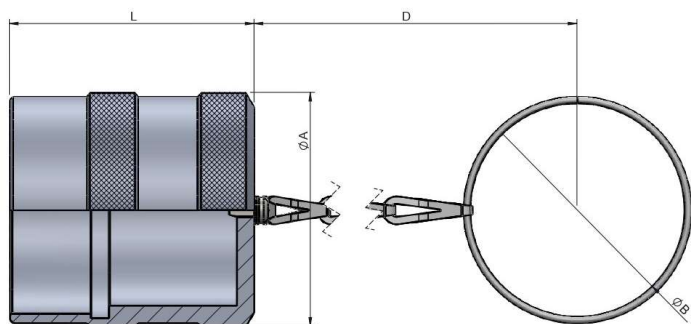


103 SERIES ISO-B CAPS & PLUGS

CAPS &
PLUGS

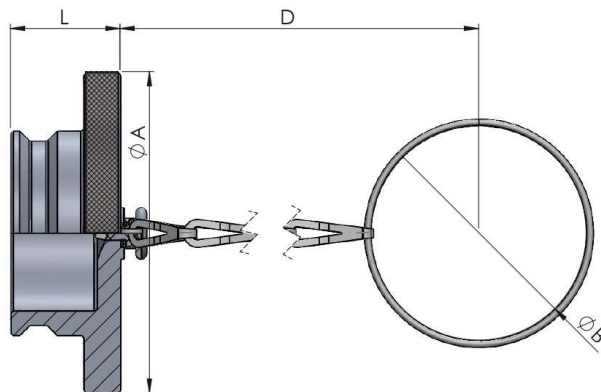
Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-B norm

(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