

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 conect	
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
+100ºC	+200ºC	+150ºC
-30ºC	-10ºC	-40ºC

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.	**1** Male	**0** Without	**0** Without	**1** 6 1/4"	2 letters (see Table of Threads page 999-1)
	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** C.U.R.P*	**3** EPDM	**4** 20 3/4"	
					5 25 1"	
					6 32 1 1/4"	
					7 40 1 1/2"	
					8 50 2"	

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

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101 SERIES C.U.R.P.

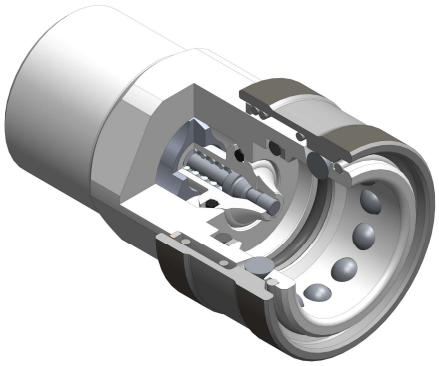
CARBON STEEL

C.U.R.P. MODELS

Example:

101.11313 BD

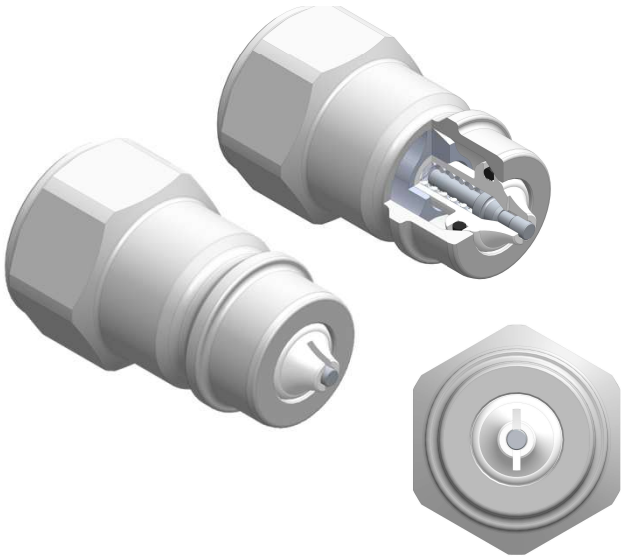
Series	Material	Part	Closing	O-rings	Size (S)	Thread
101.	**1** Carbon St.	**1** Male	**3** C.U.R.P	**0** Without	**3** 13 ⋮ 1/2"	2 letters (see Table of Threads page 999-1)
102.		**2** Female		**1** NBR		
105.				**2** VITON		
107.				**3** EPDM		



Allowed C.U.R.P. models abilable to connect under residual preasure.

Only on series:

(S)	SERIES
13	**101**
	102
	105
	107

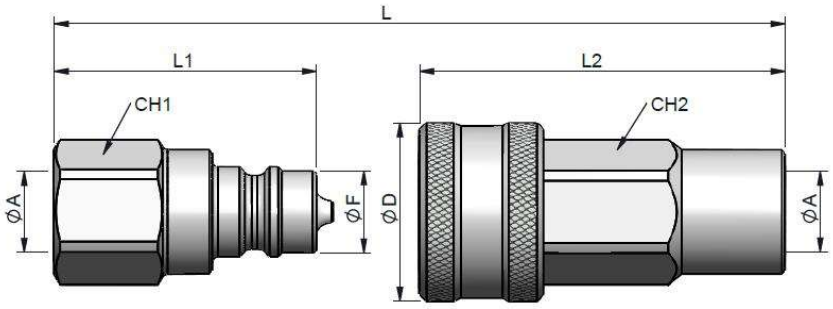


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101 SERIES
ISO-A CARBON STEEL

(S) 6 - 1/4"



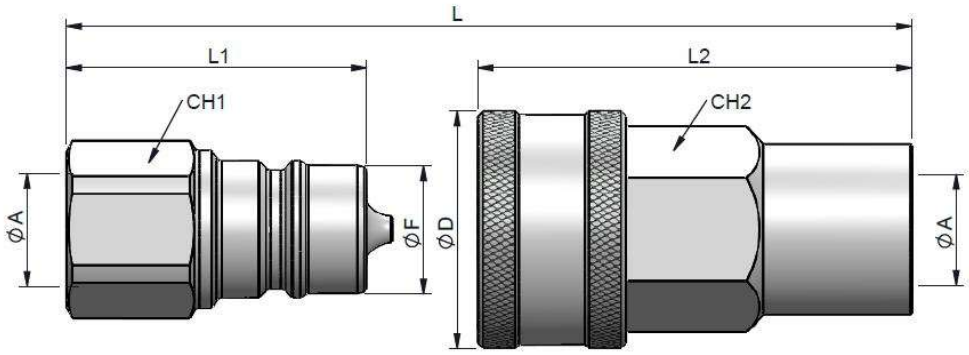
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	101.11111AB	350	19	38	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	76
	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	81
	3/8" NPTF	101.11112BC					
	3/8" BSPT	101.11112DC					
	9/16" 18h UNF (ORB)	101.11112GD					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	101.12112AC	300	24	58.50	32	81
	3/8" NPTF	101.12112BC					
	3/8" BSPT	101.12112DC					
	9/16" 18h UNF (ORB)	101.12112GD					

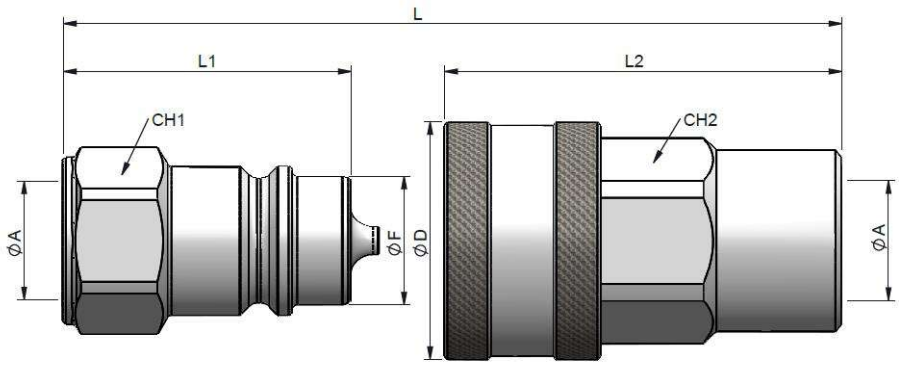
L= Total length when Male and Female are connected.

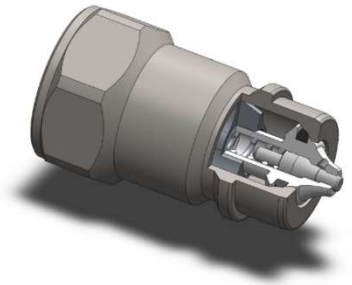
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101 SERIES
ISO-A CARBON STEEL

(S) 13 - 1/2"





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

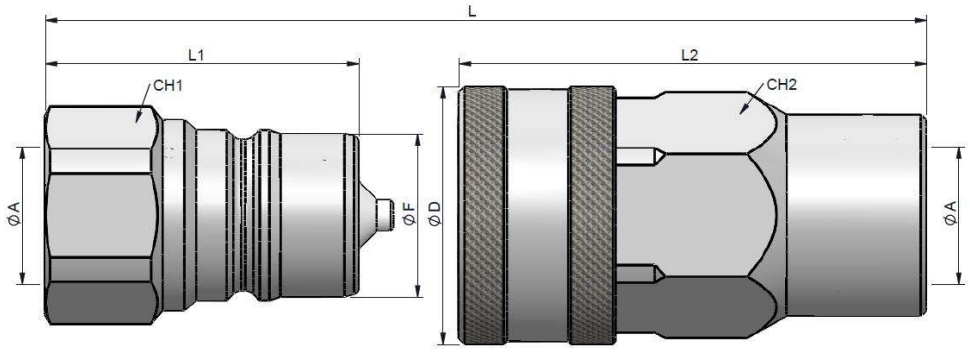
STANDARD MALE MODELS

(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					

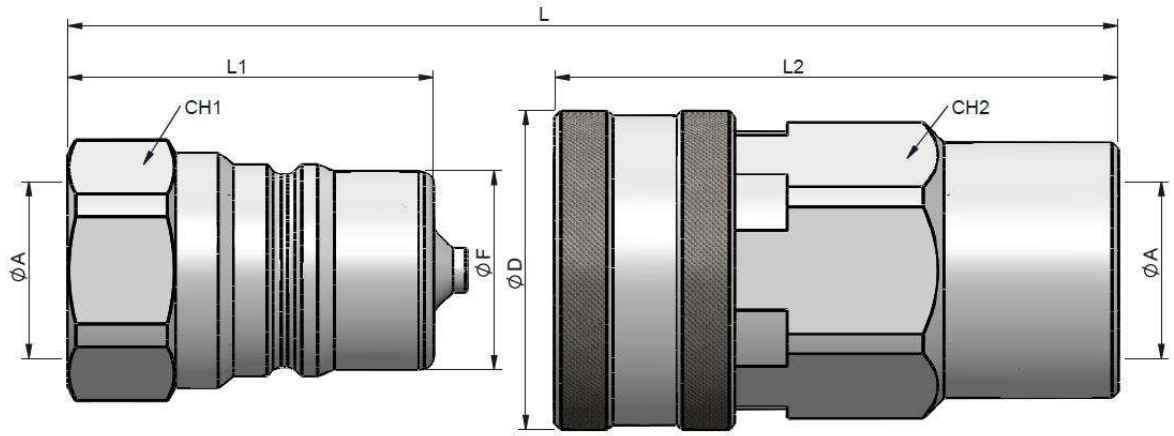
L= Total length when Male and Female are connected.

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101 SERIES
ISO-A CARBON STEEL

(S) 25 - 1"



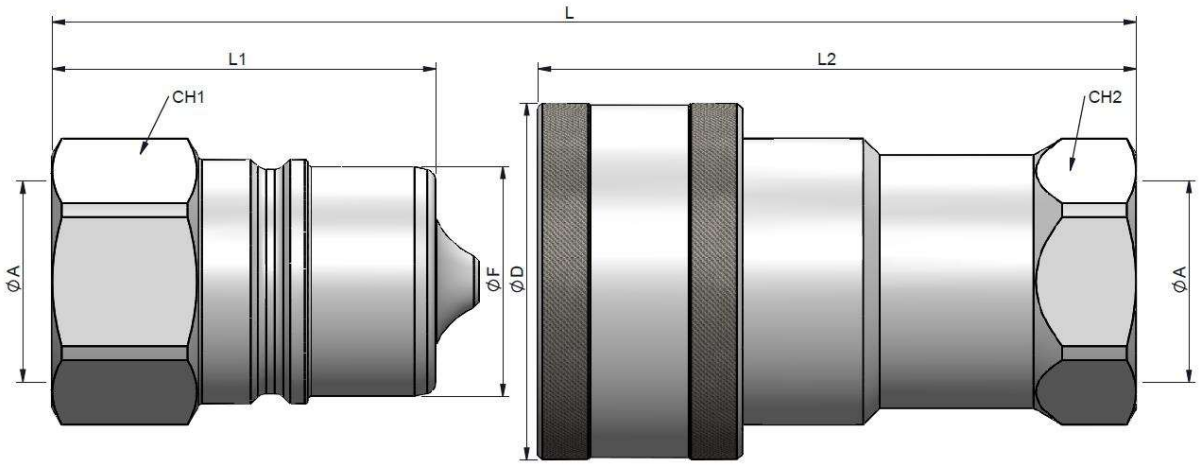
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	101.11115AF	230	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	230	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	230	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	230	50	117	70	150
	1 1/4" NPTF	101.12116BG					

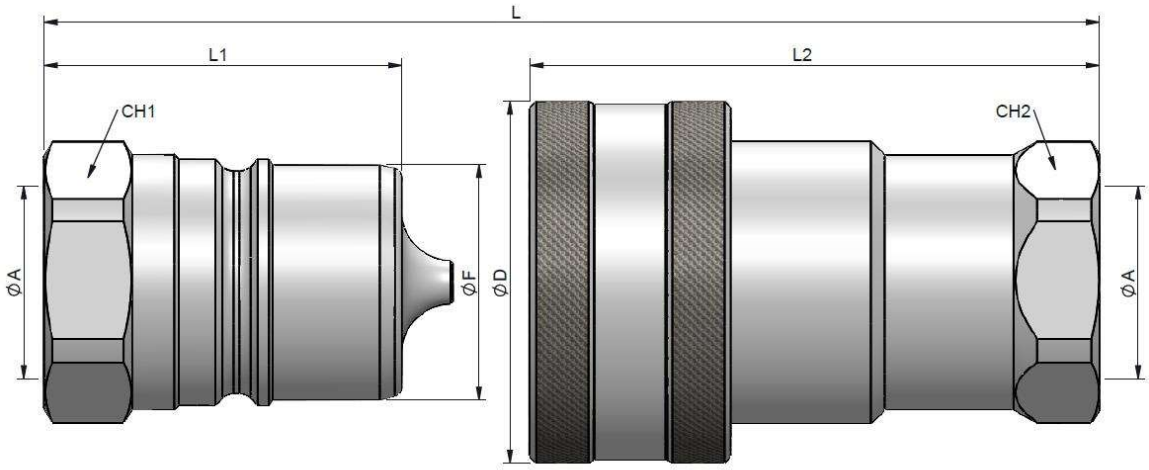
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101 SERIES
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(S) 40 - 1 1/2"



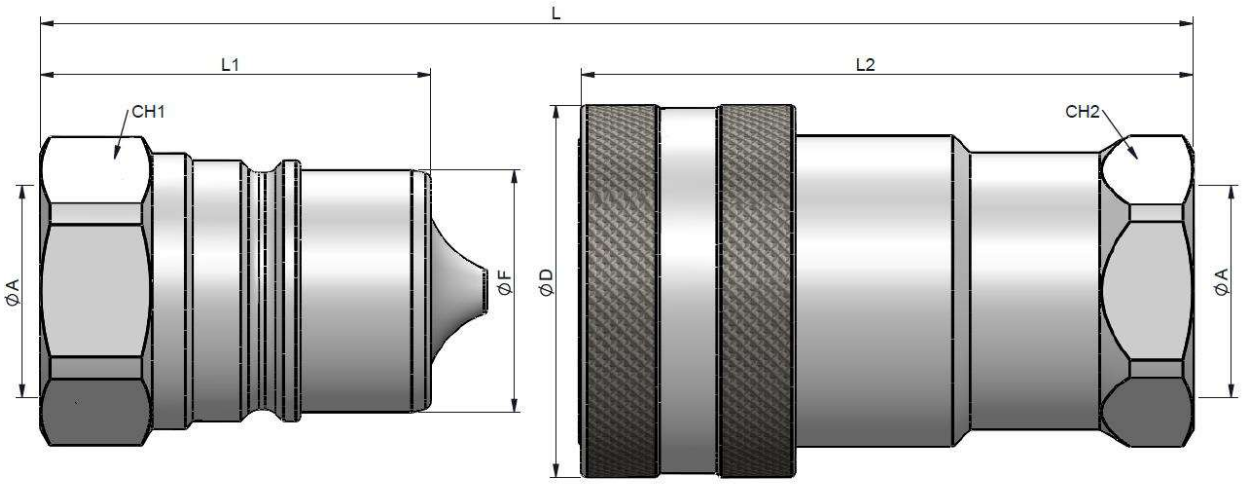
STANDARD MALE MODELS

(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.

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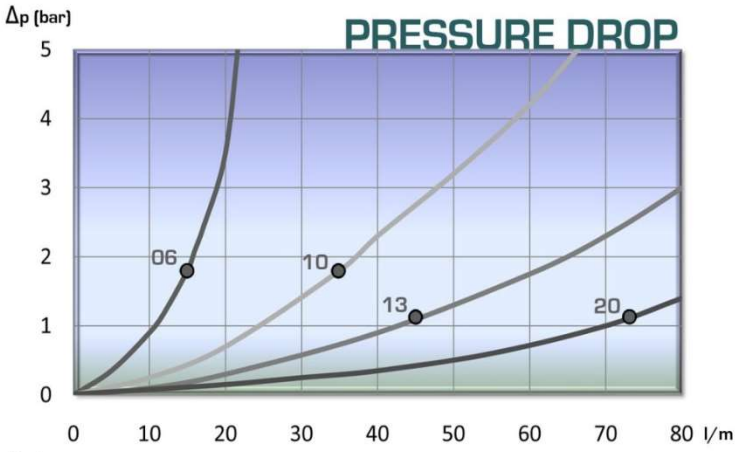


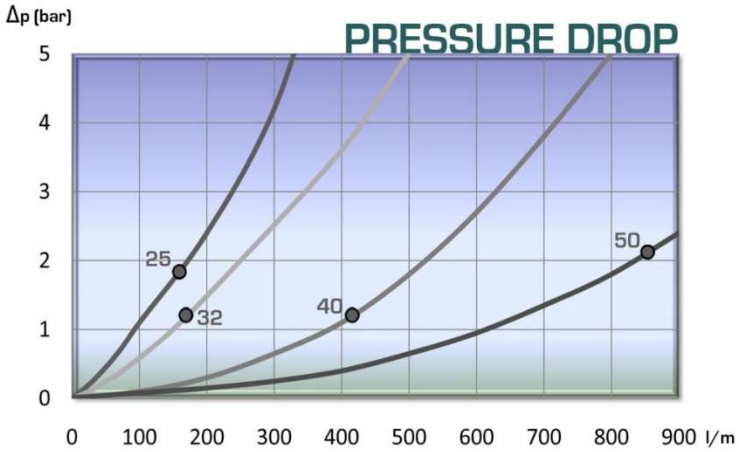
101 SERIES
ISO-A CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	Bar
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





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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: **Disconnection:**	Sleeve Retraction & Press to conect Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/4" a 2"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

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

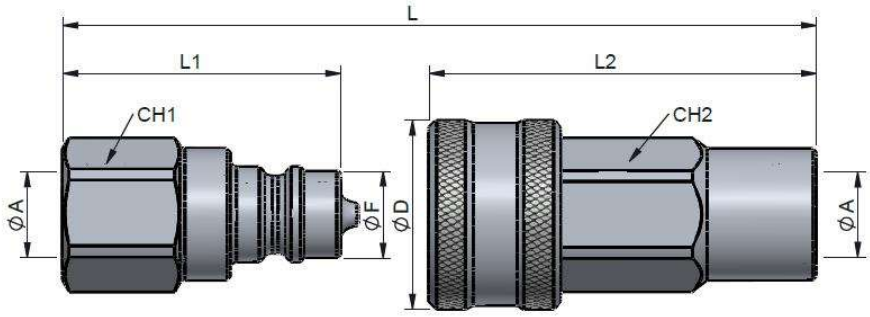
Series	Material	Part	Closing	O-rings	Size (S)	Thread
101.	**1** Carbon St. **2** SS316 **3** SS303 **4** Brass	**1** Male **2** Female	**0** Without **1** Poppet **2** Ball	**0** Without **1** NBR **2** VITON **3** EPDM	**1** 6 — 1/4" **2** 10 — 3/8" **3** 13 — 1/2" **4** 20 — 3/4" **5** 25 — 1" **6**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

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101 SERIES
ISO-A SS316

(S) 6 - 1/4"



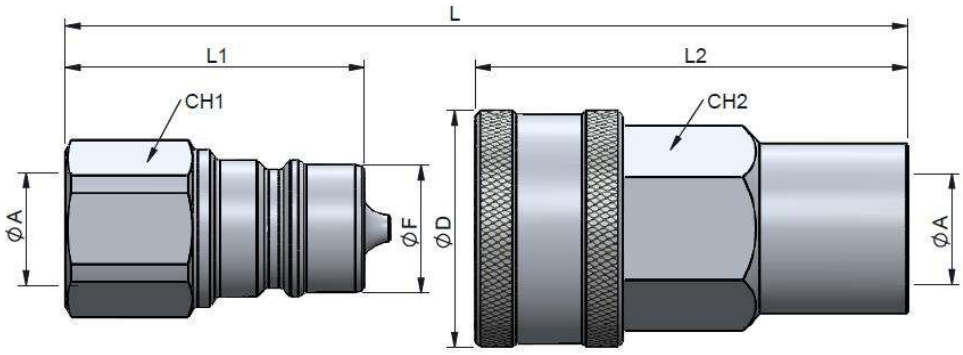
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	101.21121AB	280	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	280	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	260	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	260	24	58.50	32	81
	3/8" NPTF	101.22122BC					
	3/8" BSPT	101.22122DC					
	9/16"-18h UNF (ORB)	101.22122GC					

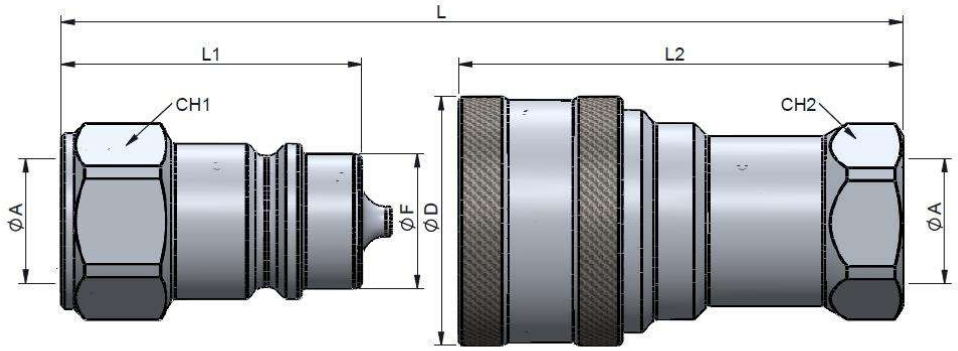
L= Total length when Male and Female are connected.

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101 SERIES
ISO-A SS316

(S) 13 - 1/2"



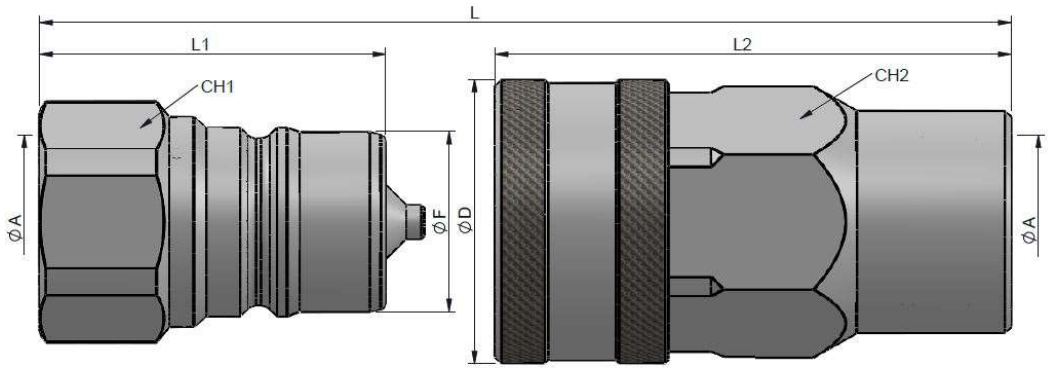
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	101.21123AD	260	27	46	20.50	87.50
	1/2" NPTF	101.21123BD					
	M22X1.5	101.21123NG		27			
	3/4"-16h UNF (ORB)	101.21123GF		27			
	7/8"-14h UNF (ORB)	101.21123GH		27			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	101.22123AD	260	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	210	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	210	38	83.5	46	112
	3/4" NPTF	101.22124BE					
	1 1/16"- 12h UN (ORB)	101.22124GK					

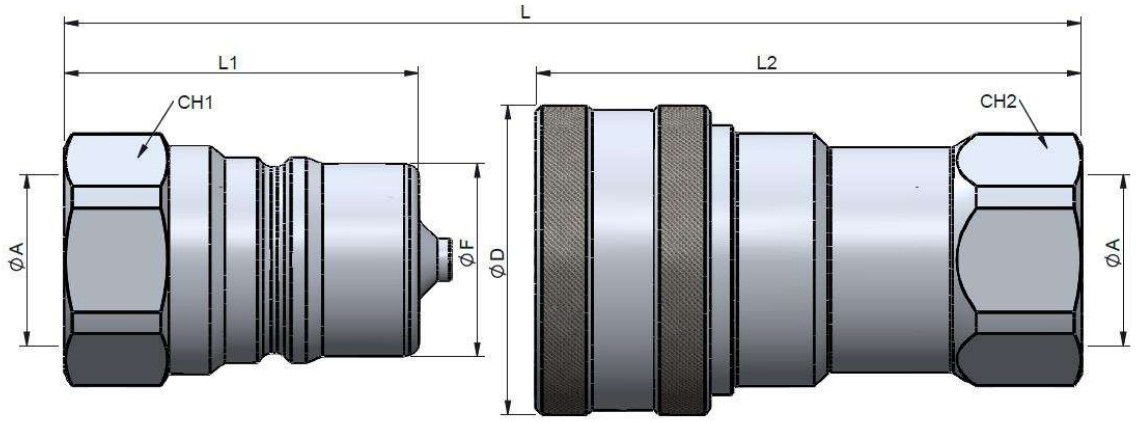
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101 SERIES
ISO-A SS316

(S) 25 - 1"



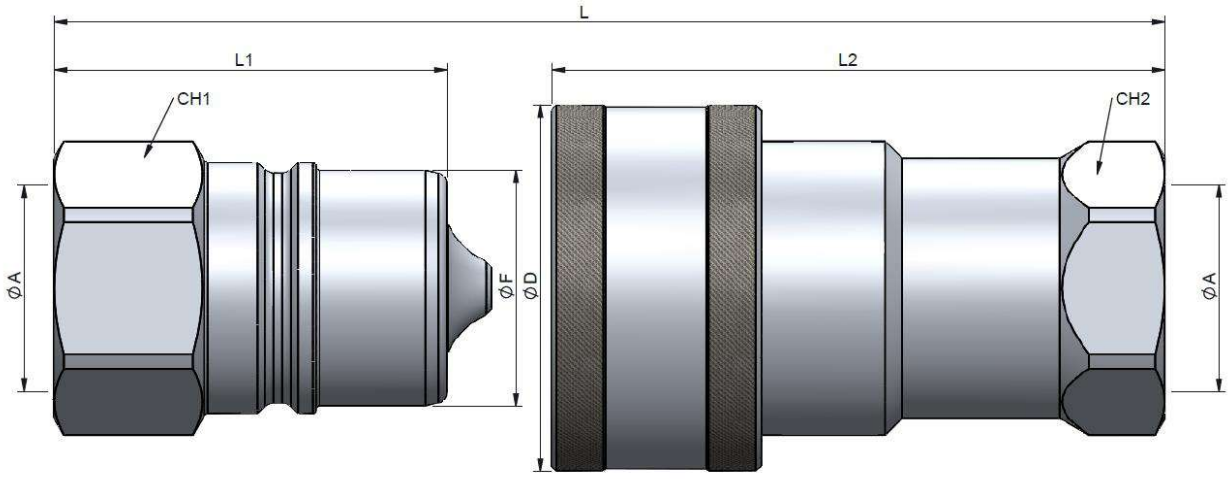
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	101.21125AF	210	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	210	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	140	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	140	50	117	70	150
	1 1/4" NPTF	101.22126BG					

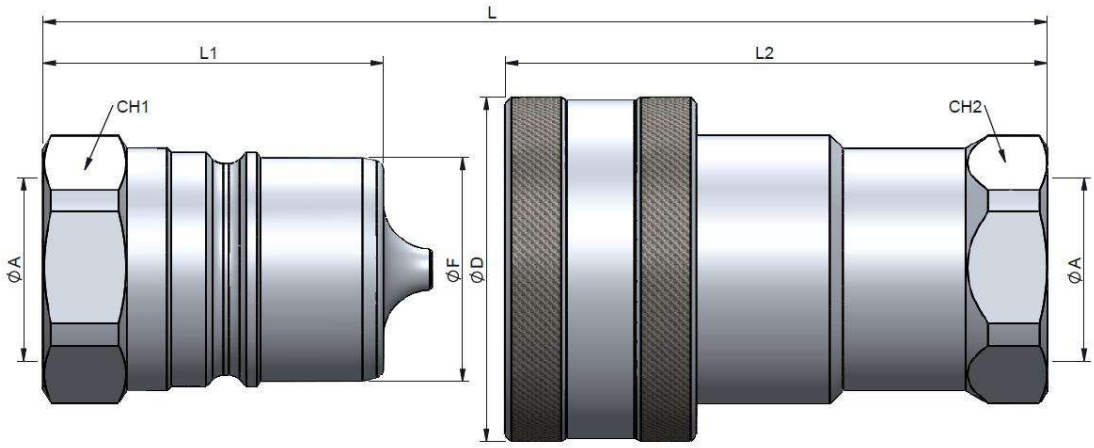
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101 SERIES
ISO-A SS316

(S) 40 - 1 1/2"



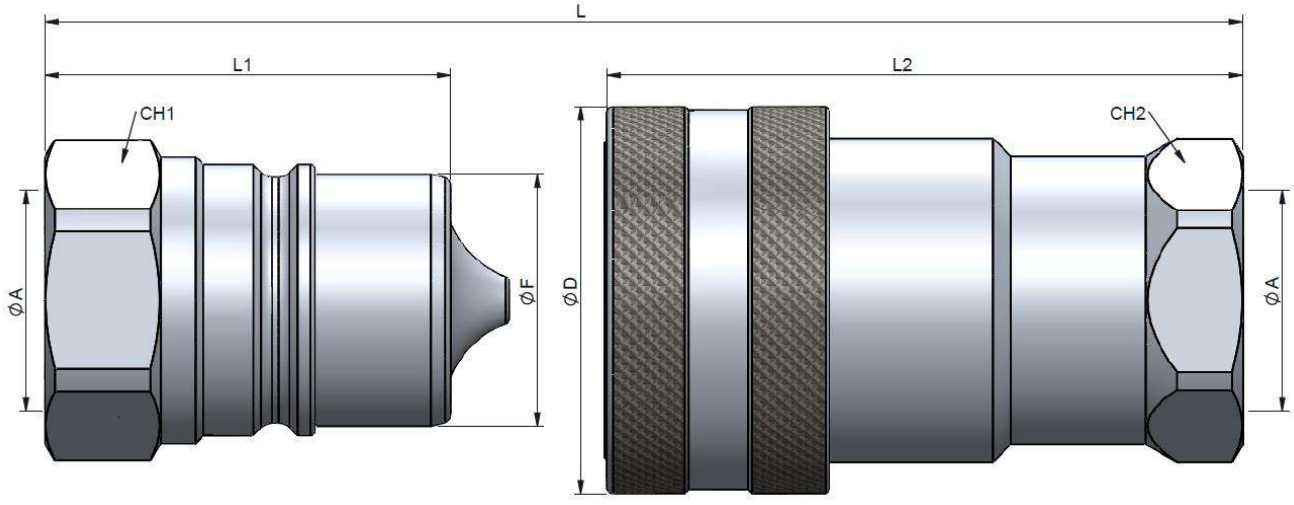
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
40	1 1/2" BSP	101.21127AH	120	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	120	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	100	75	105	65	210
	2" NPTF	101.21128BI					

STANDARD FEMALE MODELS

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

L= Total length when Male and Female are connected.

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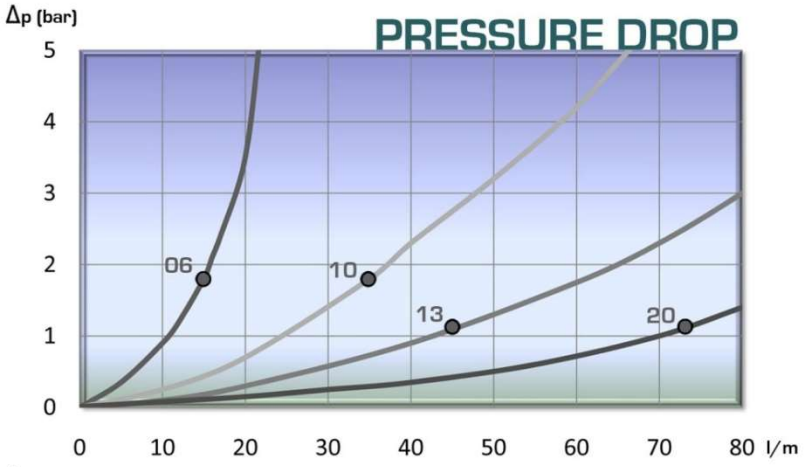


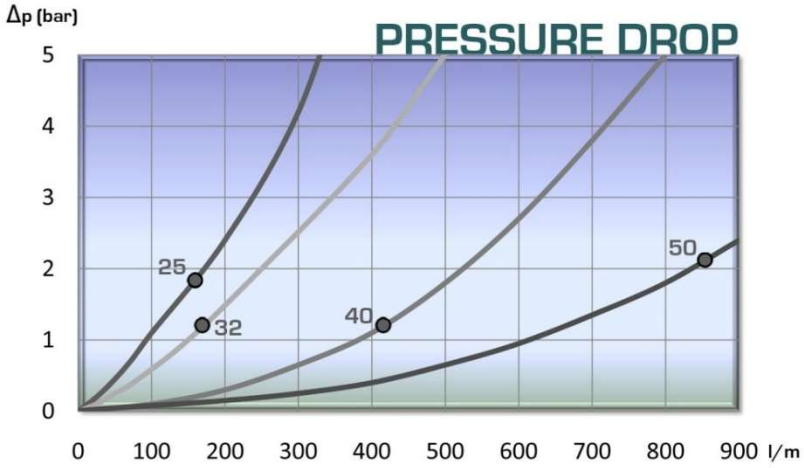
101 SERIES
ISO-A SS316

TECHNICAL DATA

(S)	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	Bar
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





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101 SERIES ISO-A PLUGS & CAPS

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

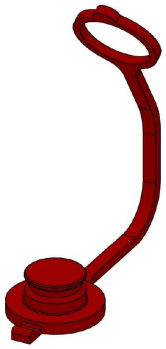
Example:

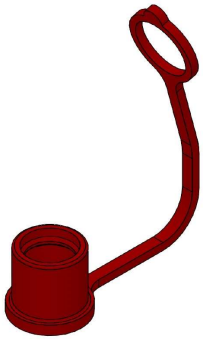
101.5313 AA

Series	Material	Part	Color	Size (S)	Type
101.	**5** Plastic	**3** Plug	**0** Plain Metal	**1** 6 — 1/4”	**AA**
	6 Aluminum	**4** Cap	**1** Red	**2** 10 — 3/8”	
		5 Parking	**2** Blue	**3** 13 — 1/2”	
			3 Yellow	**4** 20 — 3/4”	
			4 Green	**5** 25 — 1”	
			5 Black		
			6 White		

* Other materials on request.

(S) 6 – (S) 25 – PLASTIC





PLUG (COUPLER)

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

CAP (NIPPLE)

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

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

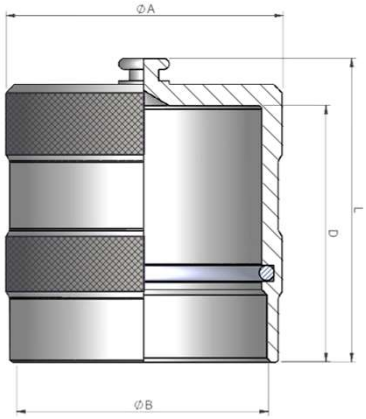
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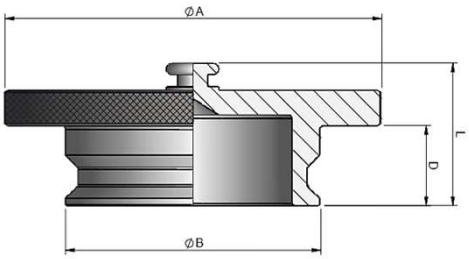


101 SERIES
ISO-A CAPS, PLUGS & PARKINGS

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





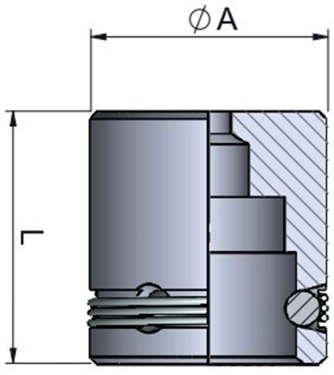
CAP (NIPPLE)

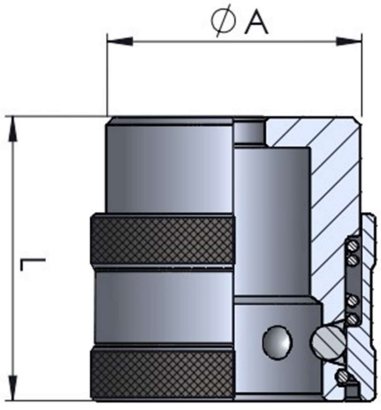
(S)	ØA	REF.	ØB	L	D
32	59	101.6406AA	48	66	55
40	64.8	101.6407AA	57.8	71	60
50	80	101.6408AA	70.2	80	75

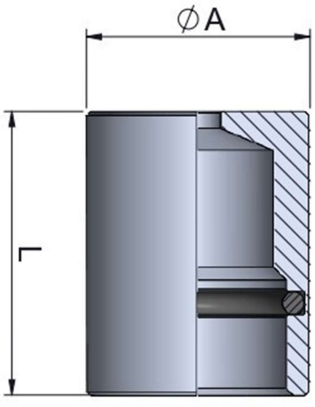
PLUG (COUPLER)

(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 6B

(S)	ØA	REF.	L
13	34	101.1533AB	38

PARKING 1T

(S)	ØA	REF.	L
13	30	101.1533AC	38

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