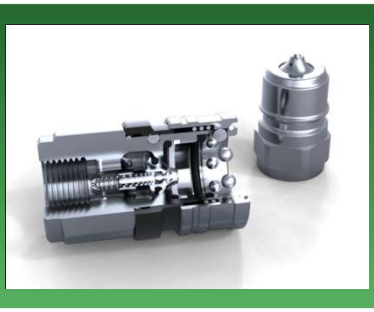


125 SERIES TFH

HIGH FLOW

Available in Stainless Steel and Brass

TECHNICAL SPECIFICATIONS

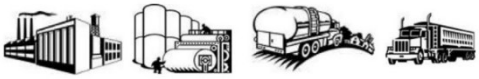
Features:	Robust Design - Great durability **Safety sleeve** to prevent accidental disconnection. **Optional depressurizer** (C.U.R.P.*) that evacuates residual pressure during connection. Double O-ring for optimal sealing..	
Operating pressure:	Up to 450 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	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: **Disconnection:**	Sleeve Retraction & Press to conect 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
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

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

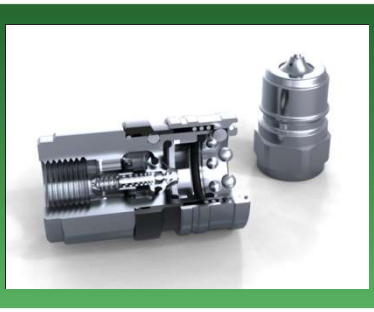
Example:

125.12312 AC

Series	Material	Part	Closing	O-rings	Size (S)		Thread
125.	**1** Carbon St. **2** SS316 **4** Brass	**1** Male **2** Female	**0** Without **1** Poppet **3** C.U.R.P	**0** Without **1** NBR **2** VITON **3** EPDM	**1** 6 **2** 10 **3** 13 **4** 20 **5** 25 **7** 40	1/4" 3/8" 1/2" 3/4" 1" 1 1/2"	2 letters (see Table of Threads page 999-1)

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

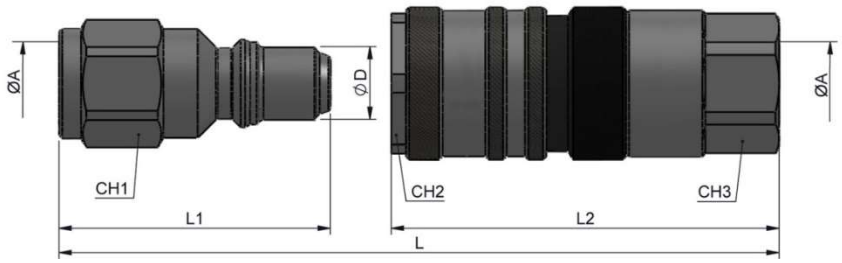
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125 SERIES TFH

HIGH FLOW

(S) 6 - 1/4"



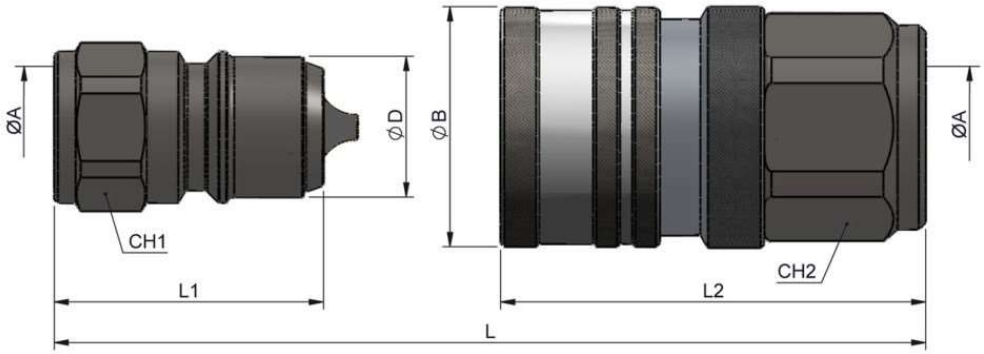
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

(S) 10 - 3/8"



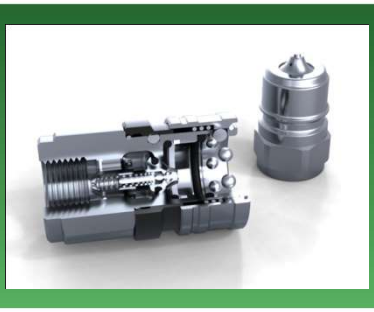
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

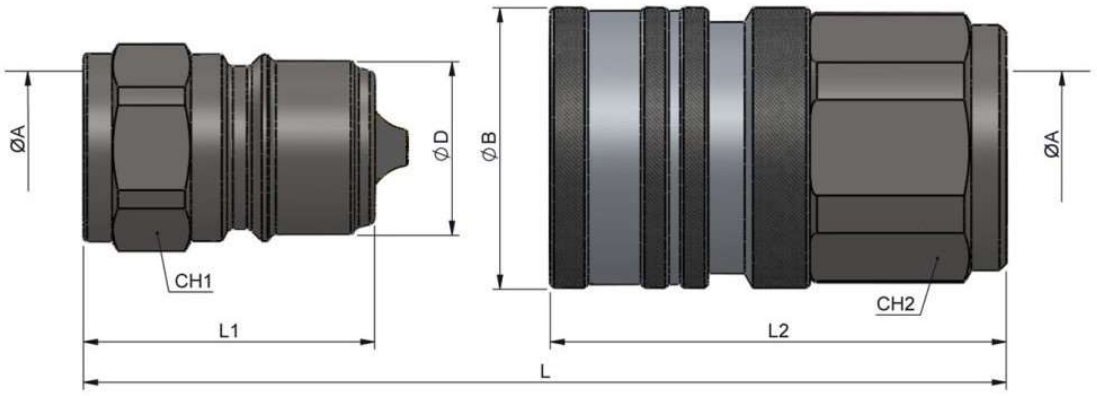
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125 SERIES TFH

HIGH FLOW

(S) 13 - 1/2"



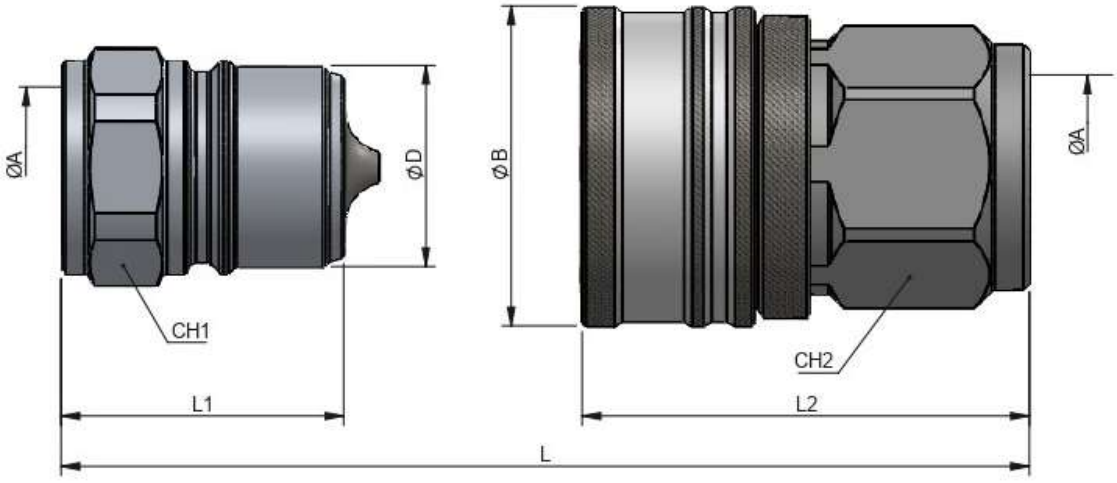
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

(S) 20 - 3/4"



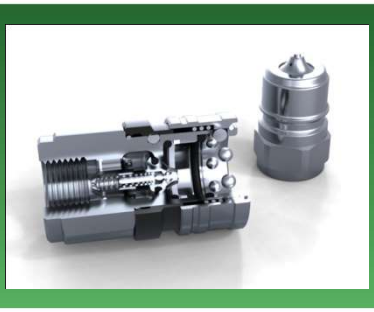
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

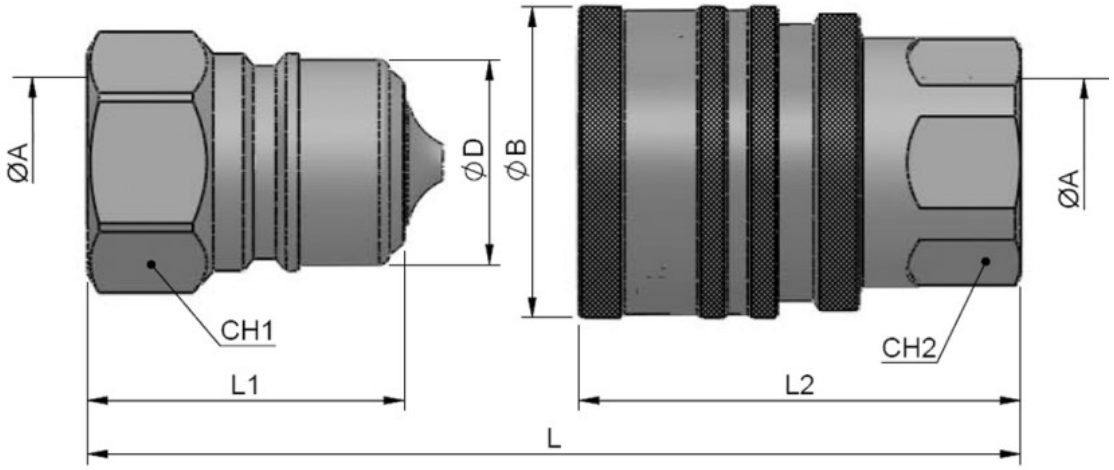
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125 SERIES TFH

HIGH FLOW

(S) 25 - 1"



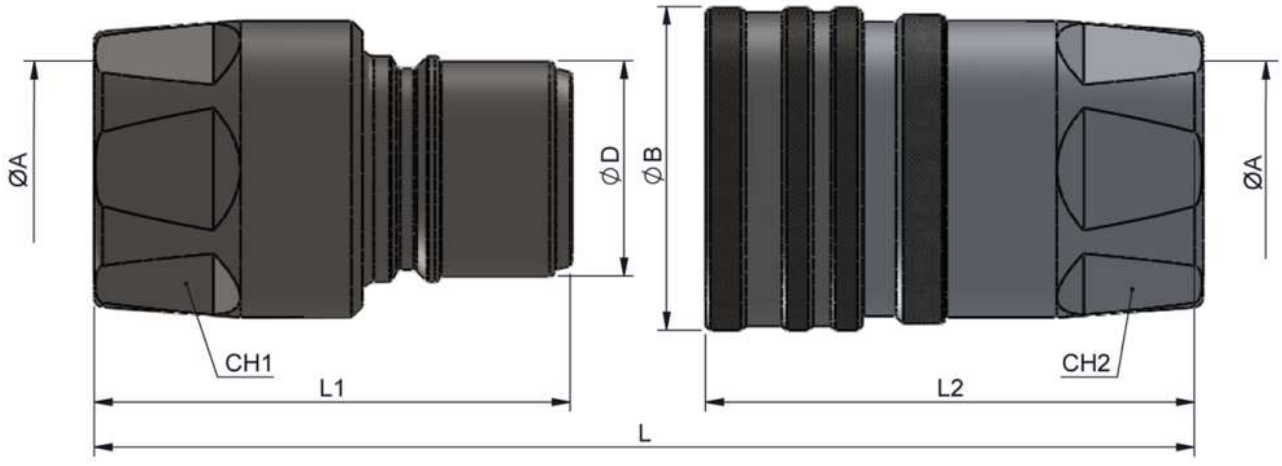
STANDARD MALE MODELS

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

STANDARD FEMALE MODELS

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

(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
	1 1/2" NPT	125,11117BH					

STANDARD FEMALE MODELS

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

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125 SERIES C.U.R.P.

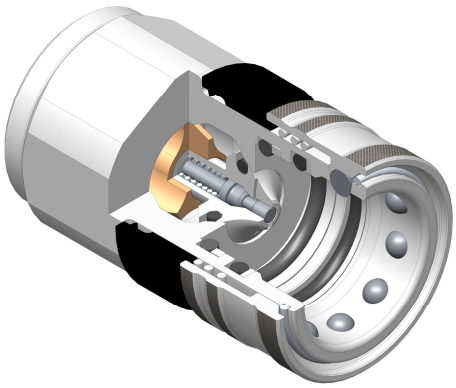
CARBON STEEL

C.U.R.P. MODELS

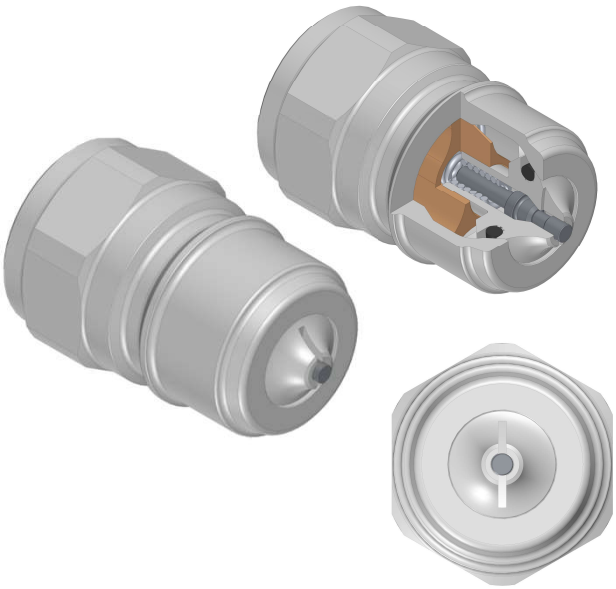
Example:

125.11313 AD

Series	Material	Part	Closing	O-rings	Size (S)		Thread
125.	**1** Carbon St..	**1** Male	**3** C.U.R.P	**0** Without	**2** 10	1/4”	2 letters (see Table of Threads page 999-1)
		2 Female		**1** NBR	**3** 13	1/2”	
				2 VITON	**3** 20	3/4”	
				3 EPDM	**3** 25	1”	



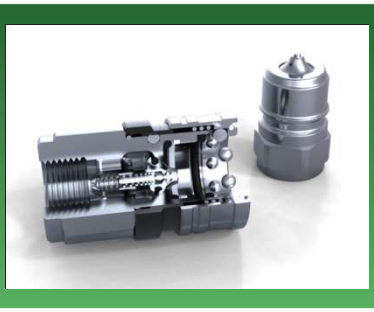
Allowed C.U.R.P. models abilable to connect under residual preasure.



Only on series:

SERIES	(T)
125.	10
	13
	20
	25

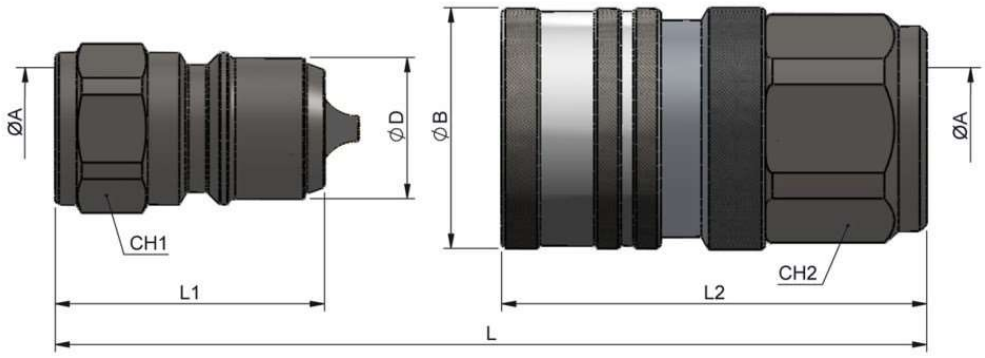
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125 SERIES TFH

HIGH FLOW

(S) 10 - 3/8"



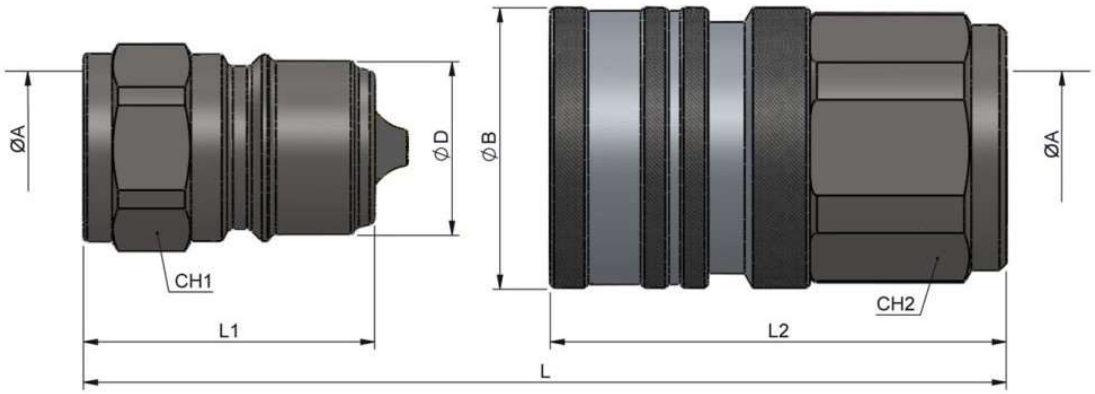
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
10	3/8" BSP	125.11112AC	350	22	20	38	74
	3/8" NPT	125.11312AC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
10	3/8" BSP	125.12112AC	350	30	34	60	74
	3/8" NPT	125.12312AC					

(S) 13 - 1/2"



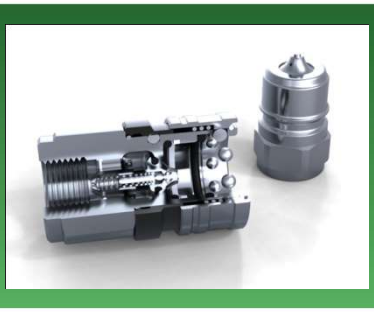
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
13	1/2" BSP	125.11113AD	300	27	24.7	42	82
	1/2" NPT	125.11313BD					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
13	1/2" BSP	125.12113AD	300	36	40	65	82
	1/2" NPT	125.12313BD					

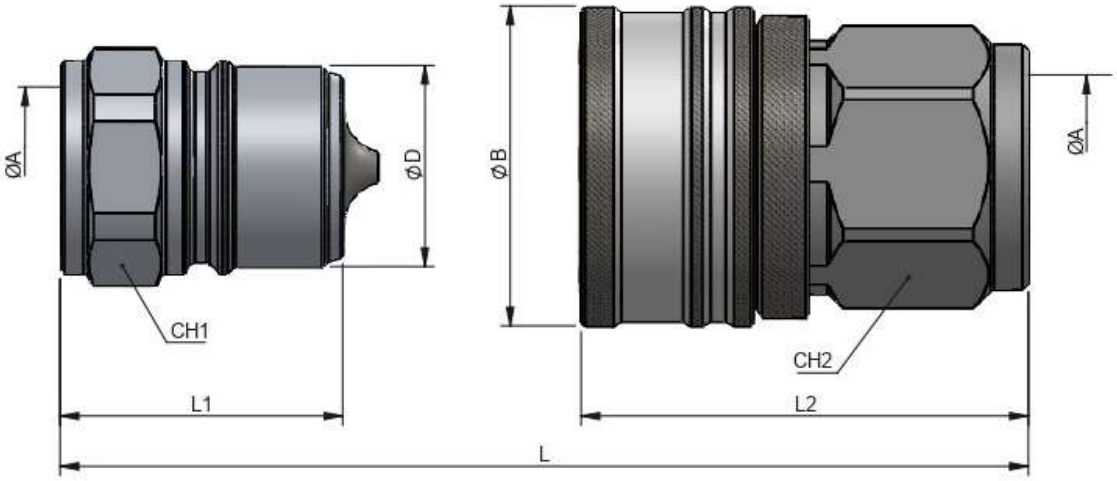
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125 SERIES TFH

HIGH FLOW

(S) 20 - 3/4"



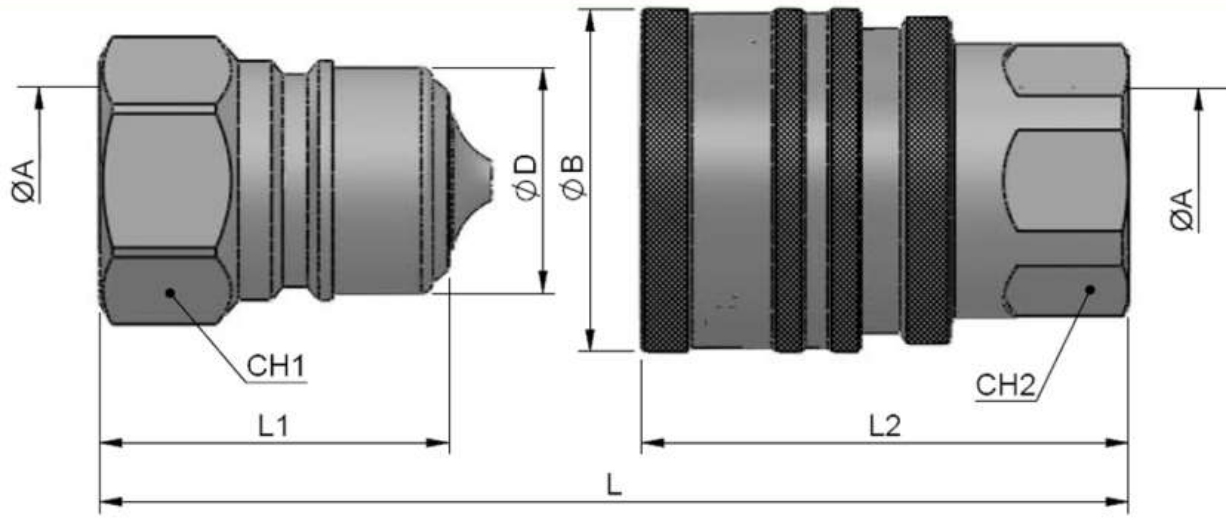
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
20	3/4" BSP	125.11114AE	280	36	32.7	46	91
	3/4" NPT	125.11314BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
20	3/4" BSP	125.12114AE	280	41	52	72	91
	3/4" NPT	125.12314BE					

(S) 25 - 1"



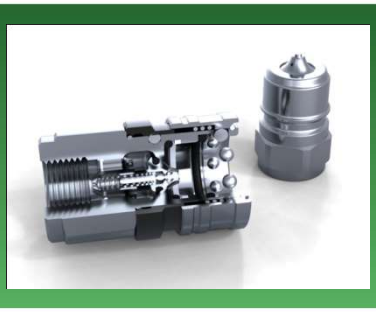
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	ØD	L1	L
25	1" BSP	125.11115AF	250	46	40.8	63	115
	1" NPT	125.11315BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	ØB	L2	L
25	1" BSP	125.12115AF	250	46	62	88	115
	1" NPT	125.12315BF					

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125 SERIES TFH

CAPS & PLUGS

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

MODEL STRUCTURE / DIMENSIONS

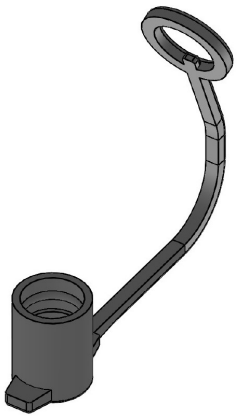
Example:

125.5373 AA

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

(S) 6 – (S) 25 – PLASTIC





PLUG (COUPLER)

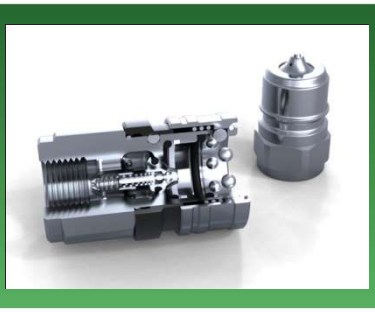
(S)	RED	BLUE	YELLOW	GREEN	BLACK	GREY
6	*	*	*	*	*	125.5371AA
10	*	*	*	*	*	125.5372AA
13	*	*	*	*	*	125.5373AA
20	*	*	*	*	*	125.5374AA
25	*	*	*	*	*	125.5375AA

CAP (NIPPLE)

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

* Not available.

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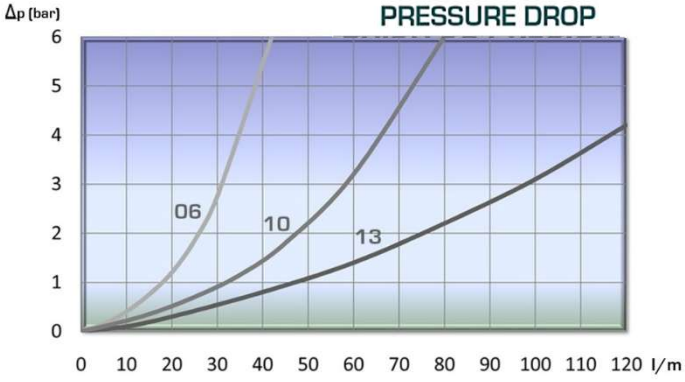


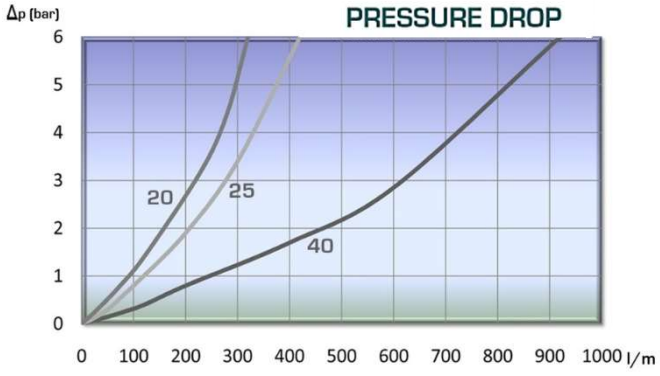
125 SERIES TFH

TECHNICAL DATA

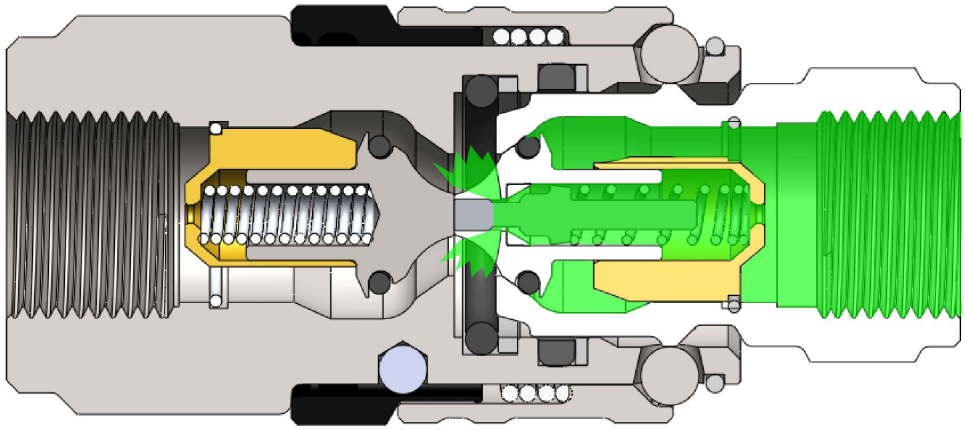
(S)	Min. Burst Pressure (Bar)			Max. Working Pressure
	Male	Female	Coupled	Bar
6	1650	1700	1800	450
10	1320	1400	1400	350
13	1100	1200	1200	300
19	1050	1100	1120	280
25	980	1050	1000	250
40	750	780	800	200

Test performed according to ISO 18869





FLOW SIMULATION



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