



# ISO-A SERIES

101-1

Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.  
 Poppet Valve or Ball closing system.  
 BSP, NPTF, SAE/ORB threads. Others available upon request.

## • Materials

Body: Carbon Steel EN -10277-3  
 Seals: NBR, Viton or EPDM  
 Back-Up-Ring: PTFE  
 Balls: AISI 1010/1015  
 Springs: Carbon Steel  
 DIN 17233/84(B)

## • Working temperature (Seals)

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

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

• **Sectors:** Industrial, Agricultural



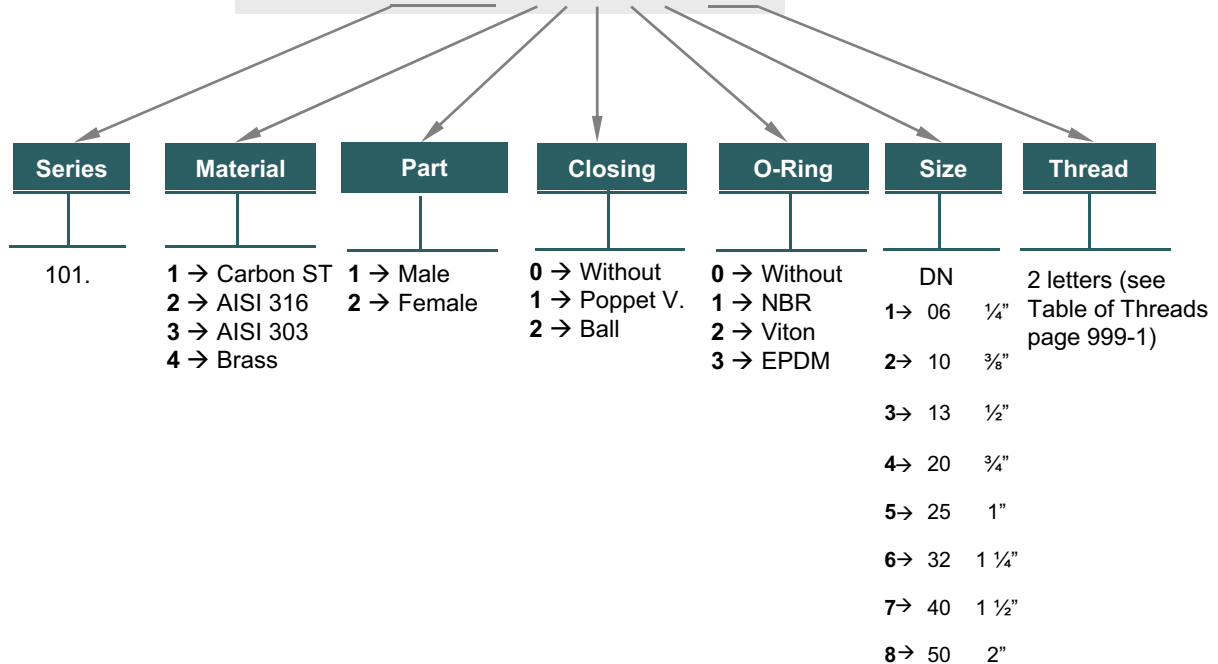
## • Equivalence

FASTER ANV  
 AEROQUIP FD56  
 PARKER 6600  
 SNAP-TITE 61

## MODEL STRUCTURE

Example;

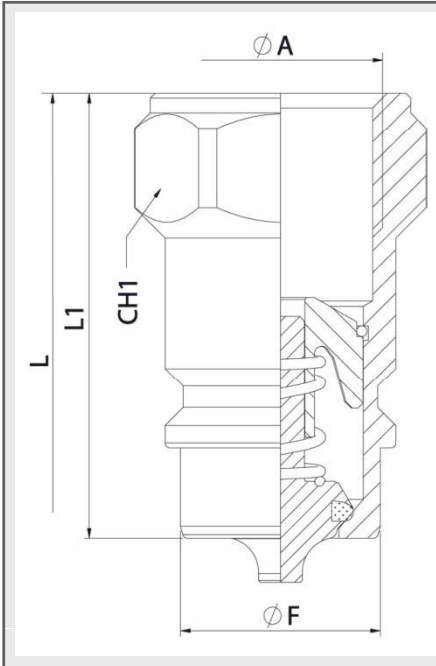
**101.11112 BC**



# 101-2



# ISO-A SERIES



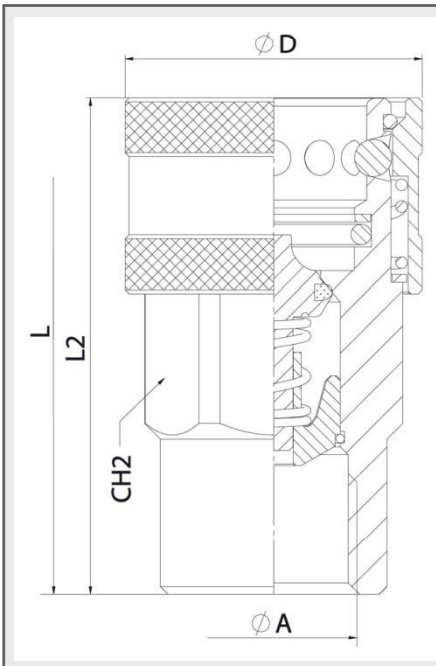
MALE				
DN	CH1	L1	ØF	L
06	19	36	11,80	72
10	22	40,50	17,25	81
13	27	46	20,56	87,50
20	36	56	29	112
25	41	63	34,30	126
32	50	75	44,95	150
40	60	85	55	167
50	75	105	65,10	210

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

L= length while quick coupling is connected.

## STANDARD MODELS

DN	ØA	MALE	FEMALE	
06	1/4" BSP	101.11111AB	101.12111AB	350Bar
	1/4" NPTF	101.11111BB	101.12111BB	
10	3/8" BSP	101.11112AC	101.12112AC	300Bar
	3/8" NPTF	101.11112BC	101.12112BC	
	3/8" BSPT	101.11112DC	101.12112DC	
13	9/16" 18ORB	101.11112GC	101.12112GC	300Bar
	1/2" BSP	101.11113AD	101.12113AD	
	1/2" NPTF	101.11113BD	101.12113BD	
	M22x1,5	101.11113NG	101.12113NG	
20	3/4" - 16ORB	101.11113GF	101.12113GF	250Bar
	7/8" 14ORB	101.11113GH	101.12113GH	
	3/4" BSP	101.11114AE	101.12114AE	
25	3/4" NPTF	101.11114BE	101.12114BE	230Bar
	1 1/16"-12ORB	101.11114GK	101.12114GK	
32	1" BSP	101.11115AF	101.12115AF	230Bar
	1" NPTF	101.11115BF	101.12115BF	
40	1 5/16"-12ORB	101.11115GO	101.12115GO	200Bar
	1 1/4" BSP	101.11116AG	101.12116AG	
50	1 1/4" NPTF	101.11116BG	101.12116BG	130Bar
	1 1/2" BSP	101.11117AH	101.12117AH	
50	1 1/2" NPTF	101.11117BH	101.12117BH	130Bar
	2" BSP	101.11118AI	101.12118AI	
		101.11118BI	101.12118BI	



FEMALE				
DN	CH2	L2	ØD	L
06	19	51	26	72
10	24	58,50	32	81
13	30	63,50	38	87,50
20	38	83,50	46	112
25	46	97	55	126
32	50	117	70	150
40	60	133	84,50	167
50	75	165	100	210

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements

L= length while quick coupling is connected.





# ISO-A SERIES

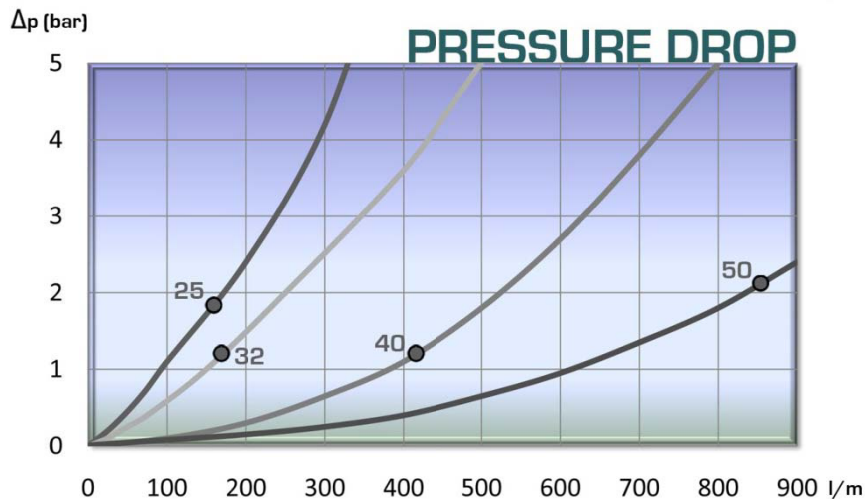
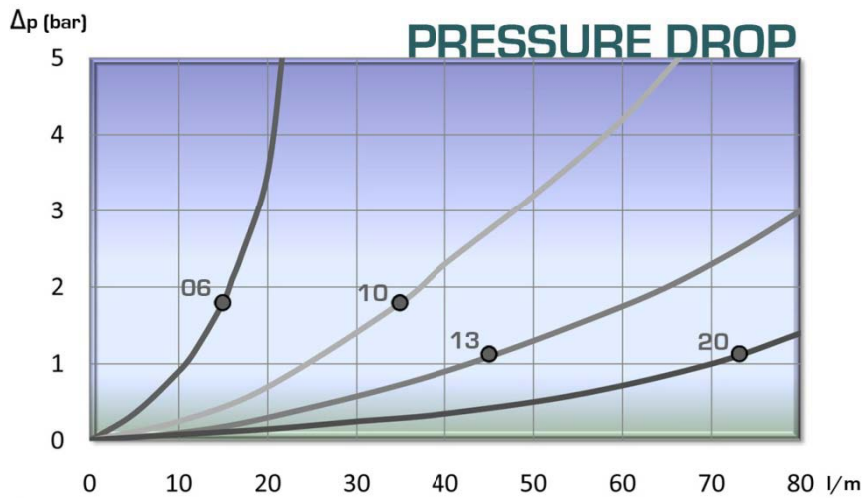
101-3



## TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure *
		Male	Female	Coupled	
06	15 l/m	1650	1800	1400	350 bar
10	35 l/m	1250	1350	1200	300 bar
13	45 l/m	1200	1300	1200	300 bar
20	74 l/m	1030	1200	1000	250 bar
25	100 l/m	950	980	920	230 bar
32	118 l/m	800	950	920	230 bar
40	410 l/m	750	850	800	200 bar
50	860 l/m	620	650	520	130 bar

\* Safety factor 1:4  
Data of Carbon Steel models





# ISO-A SERIES

AISI 303 / AISI 316  
BRASS

Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.  
Poppet Valve or Ball closing system.  
BSP, NPTF, SAE/ORB threads. Others available upon request.

## • Materials

Body: *AISI 303 / AISI316 / BRASS DIN-EN-12164*


Seals: *NBR , Viton or EPDM*

Back-Up-Ring: *PTFE*

Balls: *AISI 316W 14401*

Springs: *AISI302 DIN 17224*

## • Working temperature (Seals)

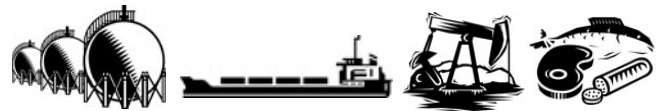
	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

- **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

## • Equivalence

FASTER ANV  
AEROQUIP FD56  
PARKER 6600  
SNAP-TITE 61

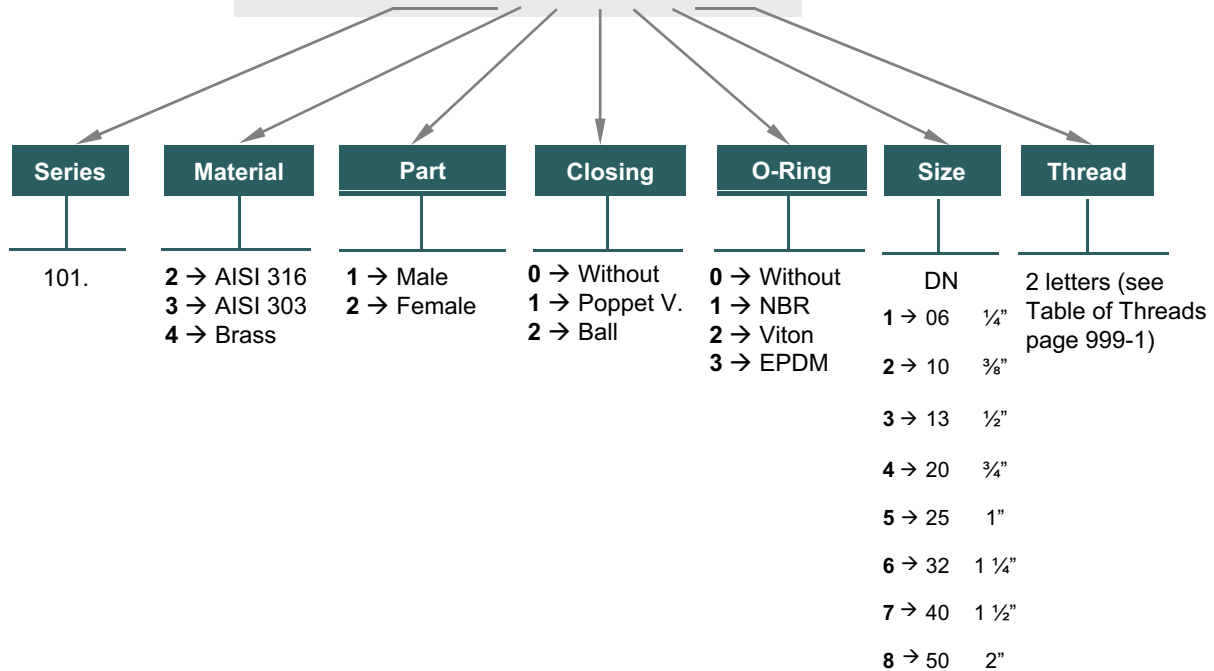
- **Sectors:** Chemical, Industrial, Offshore Industry



## MODEL STRUCTURE

Example;

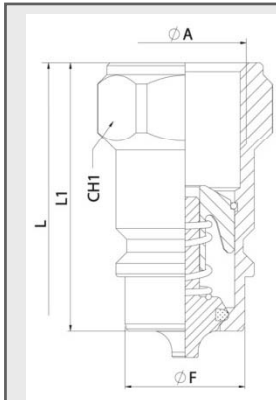
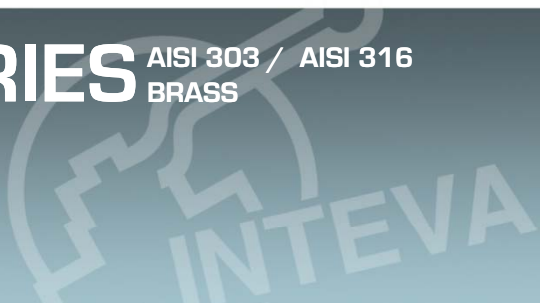
### 101.21113 AD



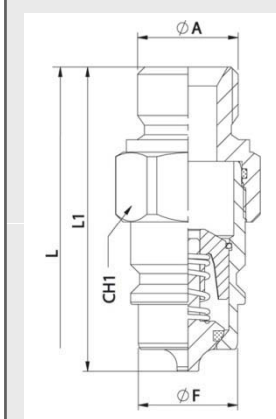


# ISO-A SERIES AISI 303 / AISI 316 BRASS

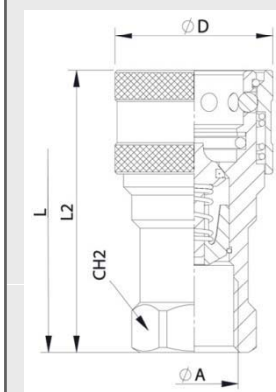
101-5



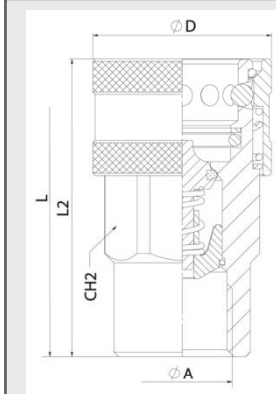
MALE				
DN	CH1	L1	ØF	L
13	27	46	20,56	87,50



MALE				
DN	CH1	L1	ØF	L
13	27	59	20,56	83



FEMALE				
DN	CH2	L2	ØD	L
13	$\frac{27}{30}$	68	38	87,50



FEMALE				
DN	CH2	L2	ØD	L
13	27	68	38	83

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements

STANDARD MALE MODELS				
DN	ØA	MATERIAL	REF.	
13	½" BSP	AISI 316	101.21123AD	100 Bar
		AISI 303	101.31123AD	
		BRASS	101.41123AD	80 Bar
	½" BSP M.	AISI 316	102.21123AO	100Bar

STANDARD FEMALE MODELS				
DN	ØA	MATERIAL	REF.	
13	½" BSP	AISI 316	101.22123AD	100 Bar
		AISI 303	101.32123AD	
		BRASS	101.42123AD	80 Bar





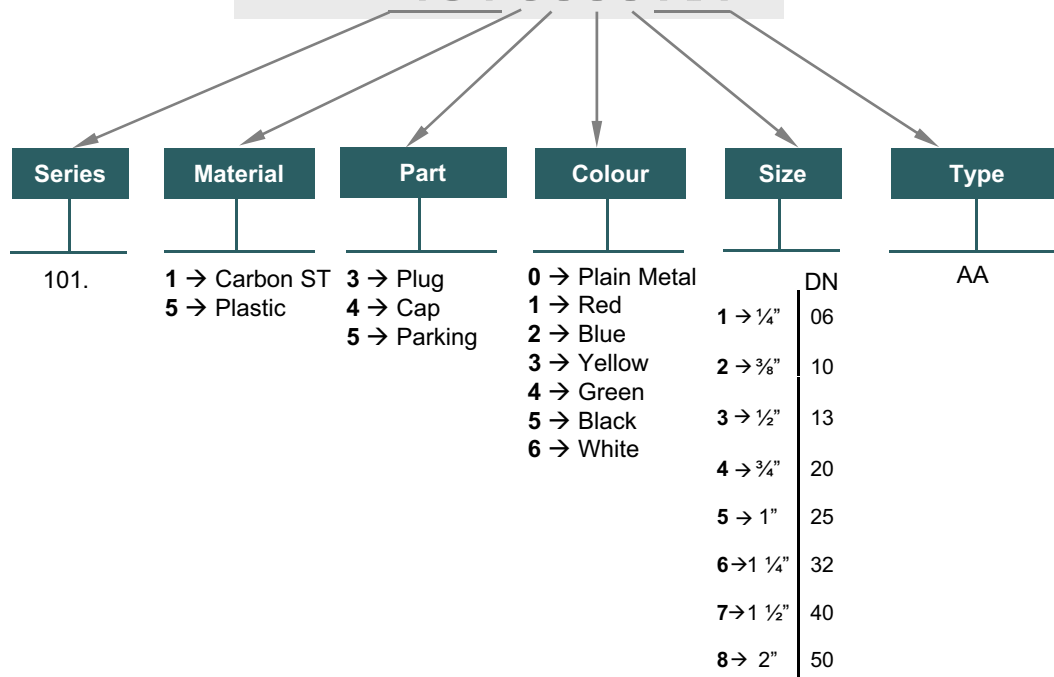
# ISO-A SERIES PLUGS & CAPS



ISO A SERIES PLUGS/ CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.  
Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

Example;

## 101.5333 AA



### PLUG

DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5311AA	101.5321AA	101.5331AA	101.5341AA	101.5351AA	*
10	101.5312AA	*	*	*	*	*
13	101.5313AA	101.5323AA	101.5333AA	101.5343AA	101.5353AA	101.5363AA
20	101.5314AA	101.5324AA	101.5334AA	101.5344AA	101.5354AA	*
25	101.5315AA	*	*	*	*	*

### CAP

DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5411AA	101.5421AA	101.5431AA	101.5441AA	101.5451AA	*
10	101.5412AA	*	*	*	*	*
13	101.5413AA	101.5423AA	101.5433AA	101.5443AA	101.5453AA	101.5463AA
20	101.5414AA	101.5424AA	101.5434AA	101.5444AA	101.5454AA	*
25	101.5415AA	*	*	*	*	*

\* Available upon request.



# ISO-A SERIES PARKINGS

101-7



PARKING 3B			
DN	REF.	ØA	L
13	101.1533AA	32	34

PARKING 1T			
DN	REF.	ØA	L
13	101.1533AC	30	38

PARKING 6B			
DN	REF.	ØA	L
13	101.1533AB	34	38



102-1



# ISO-A SERIES MULTI-THREADS



Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.  
 Poppet Valve or Ball closing system.  
 BSP, NPTF, SAE/ORB threads. Other threads available upon request.

**• Materials**

Body: Carbon Steel EN -10277-3  
 Seals: NBR, Viton or EPDM  
 Back-Up-Ring: PTFE  
 Balls: AISI 1010/1015  
 Springs: Carbon Steel  
 DIN 17233/84(B)

**• Working temperature (Seals)**

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

**• Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

**• Sectors:** Industrial, Agricultural



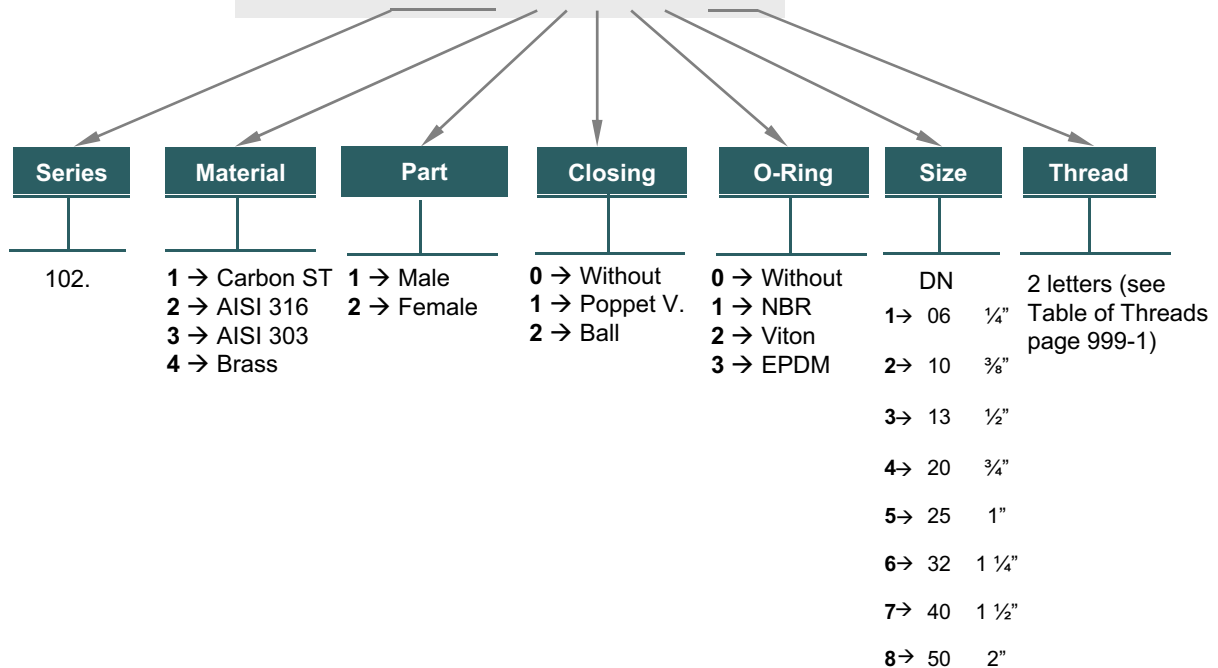
**• Equivalence**

FASTER ANV  
 AEROQUIP FD56  
 PARKER 6600  
 SNAP-TITE 61

**MODEL STRUCTURE**

Example;

**102.11112 JE**

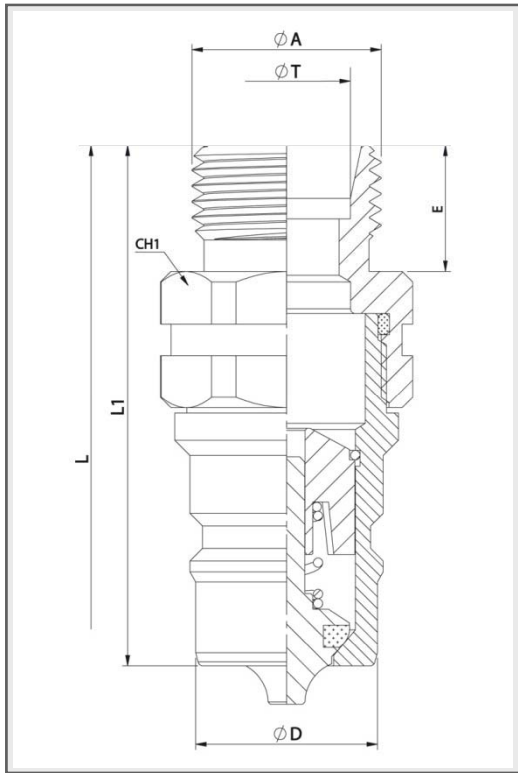







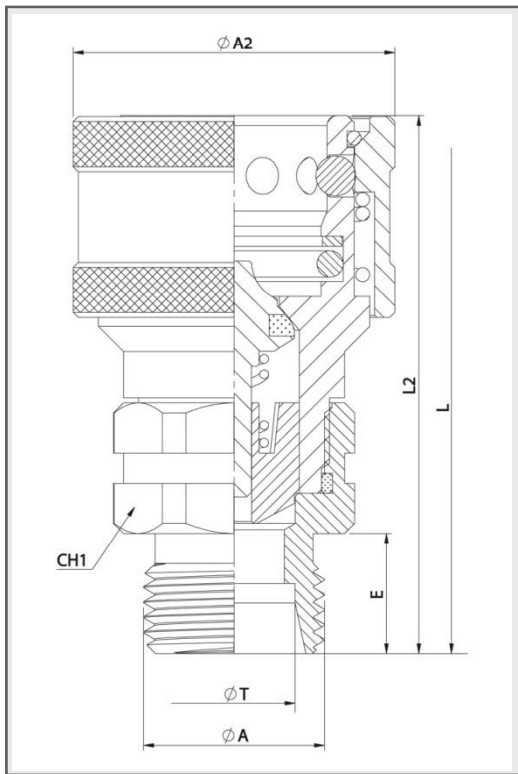
# ISO-A SERIES DIN 2353

2-201




## STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	L1	ØD	E	L	Light Series
06	M12x1,5	6L	102.11111JB	350Bar	19	*	11,8	12	*	
	M14x1,5	8L	102.11111JC							
	M18x1,5	12L	102.11112JE							
10	M14x1,5	8L	102.11112JC	300Bar	22	*	17,25	12	*	
	M16x1,5	10L	102.11112JD							
	M18x1,5	12L	102.11112JE							
13	M14x1,5	8L	102.11113JC	300Bar	27	*	20,56	12	*	
	M16x1,5	10L	102.11113JD							
	M18x1,5	12L	102.11113JE							
20	M22x1,5	15L	102.11113JG	250Bar	36	*	29	12	*	
	M26x1,5	18L	102.11114JJ					18		
	M30x2	22L	102.11114JJ					12		
25	M26x1,5	18L	102.11115JI	230Bar	41	*	34,3	18	*	
	M30x2	22L	102.11115JJ					16		
	M36x2	28L	102.11115JK					20		
10	M16x1,5	8S	102.11112KD	300Bar	22	*	17,25	12	*	Heavy Series
	M18x1,5	10S	102.11112KE							
	M20x1,5	12S	102.11112KF							
13	M18x1,5	10S	102.11113KE	300Bar	27	*	20,56	12	*	
	M20x1,5	12S	102.11113KF							
	M22x1,5	14S	102.11113KG							
20	M24x1,5	16S	102.11113KH	250Bar	36	*	29	12	*	
	M30x2	20S	102.11114KJ					16		
	M30x2	20S	102.11115KJ					41		
25	M36x2	25S	102.11115KK	230Bar	41	*	34,3	18	*	
	M42x2	30S	102.11115KL					46		
	M52x2	38S	102.11115KN					55		20



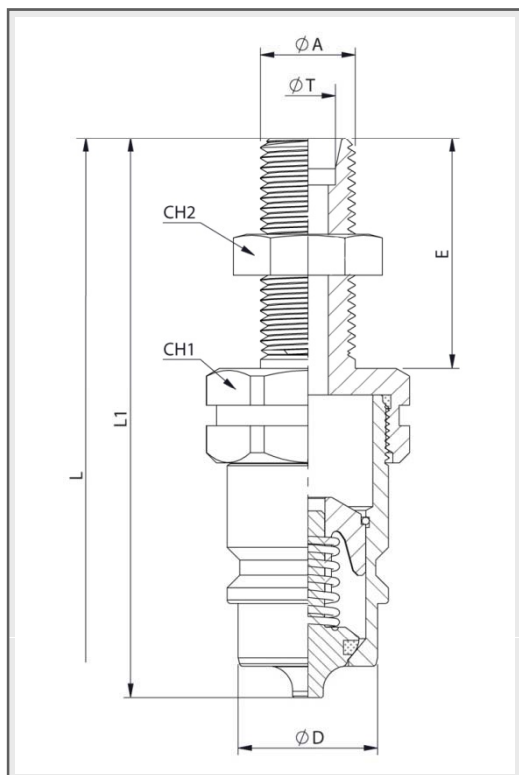
## STANDARD FEMALE MODELS


DN	ØA	ØT	REF.		CH1	L2	ØA2	E	L	Light Series
06	M12x1,5	6L	102.12111JB	350Bar	19	*	26	12	*	
	M14x1,5	8L	102.12111JC							
	M18x1,5	12L	102.12112JE							
10	M14x1,5	8L	102.12112JC	300Bar	22	*	32	12	*	
	M16x1,5	10L	102.12112JD							
	M18x1,5	12L	102.12112JE							
13	M14x1,5	8L	102.12113JC	300Bar	27	*	38	12	*	
	M16x1,5	10L	102.12113JD							
	M18x1,5	12L	102.12113JE							
20	M22x1,5	15L	102.12113JG	250Bar	36	*	46	12	*	
	M26x1,5	18L	102.12114JJ					18		
	M30x2	22L	102.12114JJ					12		
25	M26x1,5	18L	102.12115JI	230Bar	41	*	55	18	*	
	M30x2	22L	102.12115JJ					16		
	M36x2	28L	102.12115JK					20		
10	M16x1,5	8S	102.12112KD	300Bar	22	*	32	12	*	Heavy Series
	M18x1,5	10S	102.12112KE							
	M20x1,5	12S	102.12112KF							
13	M18x1,5	10S	102.12113KE	300Bar	27	*	38	12	*	
	M20x1,5	12S	102.12113KF							
	M22x1,5	14S	102.12113KG							
20	M24x1,5	16S	102.12113KH	250Bar	36	*	46	12	*	
	M30x2	20S	102.12114KJ					16		
	M30x2	20S	102.12115KJ					41		
25	M36x2	25S	102.12115KK	230Bar	41	*	55	18	*	
	M42x2	30S	102.12115KL					46		
	M52x2	38S	102.12115KN					55		20





# ISO-A SERIES DIN 2353

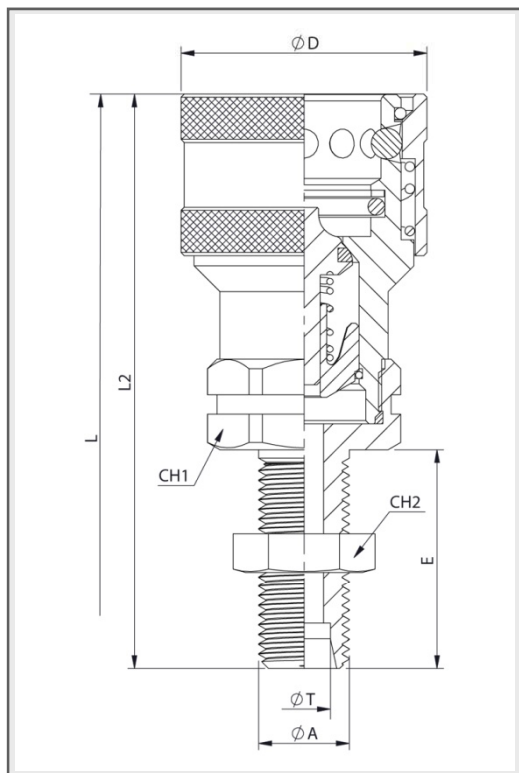



STANDARD MALE MODELS											
DN	$\phi A$	$\phi T$	REF.		CH1	CH2	L1	$\phi D$	E	L	
06	M12x1,5	6L	102.11111LB	350Bar	19	19	*	11,8	25	*	
	M14x1,5	8L	102.11111LC						34		
	M14x1,5	8L	102.11112LC						34		
10	M16x1,5	10L	102.11112LD	300Bar	22	22	*	17,25	26	*	
	M18x1,5	12L	102.11112LE						27		
	M14x1,5	8L	102.11113LC						19		34
13	M16x1,5	10L	102.11113LD	300Bar	27	24	*	20,56	35	*	
	M18x1,5	12L	102.11113LE						24		35
	M22x1,5	15L	102.11113LG						27		33
	M26x1,5	18L	102.11113LI						30		33
	M18x1,5	12L	102.11114LE						24		26
	M22x1,5	15L	102.11114LG						27		33
20	M26x1,5	18L	102.11114LI	250Bar	36	30	*	29	33	*	
	M30x2	22L	102.11114LJ						36		34
	M30x2	22L	102.11115LJ						36		34
25	M36x2	28L	102.11115LK	230Bar	41	41	*	34,3	34	*	
	M42x2	30S	102.11115ML						50		38
	M45x2	35L	102.11115LM						55		36

Light Series

10	M16x1,5	8S	102.11112MD	300Bar	22	22	*	17,25	27	*	
	M18x1,5	10S	102.11112ME						24		
	M20x1,5	12S	102.11112MF						22		
13	M18x1,5	10S	102.11113ME	300Bar	27	24	*	20,56	24	*	
	M20x1,5	12S	102.11113MF						22		35
	M22x1,5	14S	102.11113MG						27		35
	M24x1,5	16S	102.11113MH						30		35
20	M24x1,5	16S	102.11114MH	250Bar	36	30	*	29	29	*	
	M30x2	20S	102.11114MJ						36		36
	M30x2	20S	102.11115MJ						36		35
25	M36x2	25S	102.11115MK	230Bar	41	41	*	34,3	38	*	
	M42x2	30S	102.11115ML						50		38
	M52x2	38S	102.11115MN						65		40

Heavy Series



STANDARD FEMALE MODELS											
DN	$\phi A$	$\phi T$	REF.		CH1	CH2	L2	$\phi D$	E	L	
06	M12x1,5	6L	102.12111LB	350Bar	19	19	*	11,8	25	*	
	M14x1,5	8L	102.12111LC						34		
	M14x1,5	8L	102.12112LC						34		
10	M16x1,5	10L	102.12112LD	300Bar	22	22	*	17,25	26	*	
	M18x1,5	12L	102.12112LE						27		
	M14x1,5	8L	102.12113LC						19		34
13	M16x1,5	10L	102.12113LD	300Bar	27	24	*	20,56	35	*	
	M18x1,5	12L	102.12113LE						24		35
	M22x1,5	15L	102.12113LG						27		33
	M26x1,5	18L	102.12113LI						30		33
	M18x1,5	12L	102.12114LE						24		26
	M22x1,5	15L	102.12114LG						27		33
20	M26x1,5	18L	102.12114LI	250Bar	36	30	*	29	33	*	
	M30x2	22L	102.12114LJ						36		34
	M30x2	22L	102.12115LJ						36		34
25	M36x2	28L	102.12115LK	230Bar	41	41	*	34,3	34	*	
	M42x2	30S	102.12115ML						50		38
	M45x2	35L	102.12115LM						55		36

Light Series

10	M16x1,5	8S	102.12112MD	300Bar	22	22	*	17,25	27	*	
	M18x1,5	10S	102.12112ME						24		
	M20x1,5	12S	102.12112MF						22		
13	M18x1,5	10S	102.12113ME	300Bar	27	24	*	20,56	24	*	
	M20x1,5	12S	102.12113MF						22		35
	M22x1,5	14S	102.12113MG						27		35
	M24x1,5	16S	102.12113MH						30		35
20	M24x1,5	16S	102.12114MH	250Bar	36	30	*	29	29	*	
	M30x2	20S	102.12114MJ						36		36
	M30x2	20S	102.12115MJ						36		35
25	M36x2	25S	102.12115MK	230Bar	41	41	*	34,3	38	*	
	M42x2	30S	102.12115ML						50		38
	M52x2	38S	102.12115MN						65		40

Heavy Series

# ISO-A SERIES MULTI-THREADS

102-4



MALE				
DN	CH1	L1	ØD	L
06	19	*	11,8	*
10	22	*	17,25	*
13	27	*	20,56	*
20	36	*	29	*
25	41	*	34,3	*

STANDARD MODELS			
DN	ØA	MALE	FEMALE
06	1/4" BSP	102.11111AB	102.12111AB
	1/4" NPTF	102.11111BB	102.12111BB
	M14x1,5	102.11111NC	102.12111NC
10	1/4" BSP	102.11112AB	102.12112AB
	3/8" BSP	102.11112AC	102.12112AC
	3/8" NPTF	102.11112BC	102.12112BC
	M16x1,5	102.11112ND	102.12112ND
13	3/8" BSP	102.11113AC	102.12113AC
	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
20	3/4" -16ORB	102.11113GF	102.12113GF
	7/8" -14ORB	102.11113GH	102.12113GH
	3/4" BSP	102.11114AE	102.12114AE
	3/4" NPTF	102.11114BE	102.12114BE
	M22x1,5	102.11114NG	102.12114NG
25	1" BSP	102.11115AF	102.12115AF
	1" NPTF	102.11115BF	102.12115BF

FEMALE				
DN	CH1	L2	ØD	L
06	19	*	26	*
10	22	*	32	*
13	27	*	38	*
20	36	*	46	*
25	41	*	55	*





# ISO-A SERIES SAFETY SLEEVE

129-1



Manufactured according to ISO 7241-A norm, DN13 size meets also ISO 5675 requirements. Poppet Valve or Ball closing system.  
BSP, NPTF, SAE / ORB threads. Other threads available upon request.

### • Materials

Body: *Carbon Steel EN -10277-3, AISI 316, AISI 303, Brass*  
 Seals: *NBR, Viton or EPDM*  
 Back-Up-Ring: *PTFE*  
 Balls: *AISI 1010/1015*  
 Springs: *Carbon Steel*  
*DIN 17233/84(B)*

### • Working temperature (Seals)

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

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

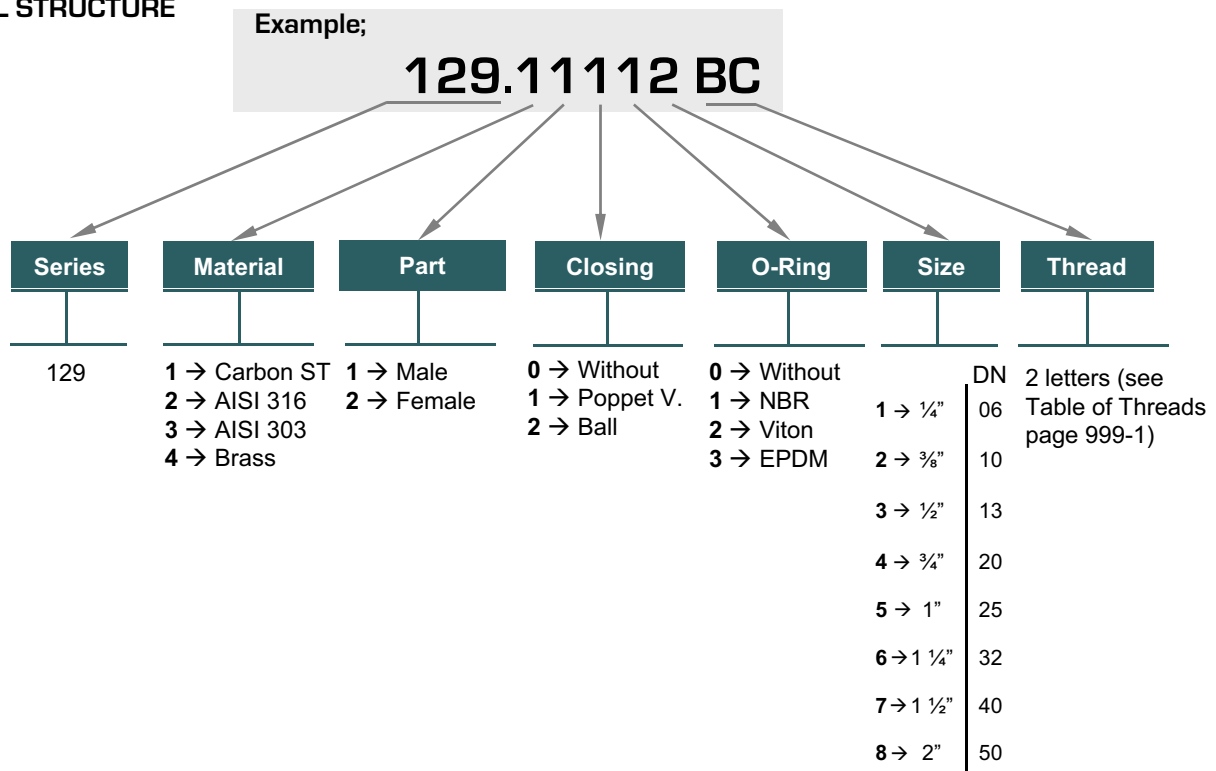
• **Sectors:** Industrial, Agricultural



### • Equivalence

FASTER ANV  
 AEROQUIP FD56  
 PARKER 6600  
 SNAP-TITE 61

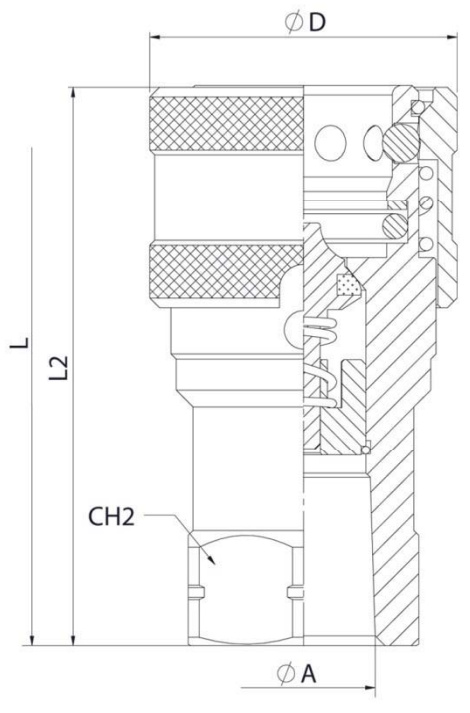
### MODEL STRUCTURE




129-2



# ISO-A SERIES SAFETY SLEEVE



## STANDARD MODEL

DN	ØA	REF.		CH2	L2	ØD	L
06	1/4" BSP	129.12111AB	350Bar	19	51	26	72
	1/4" NPTF	129.12111BB					
10	3/8" BSP	129.12112AC	300Bar	24	58,50	32	81
	3/8" NPTF	129.12112BC					
13	1/2" BSP	129.12113AD	300Bar	30	63,50	38	87,50
	1/2" NPTF	129.12113BD					
20	3/4" BSP	129.12114AE	250Bar	38	83,50	46	112
	3/4" NPTF	129.12114BE					
25	1" BSP	129.12115AF	230Bar	46	97	55	126
	1" NPTF	129.12115BF					
32	1 1/4" BSP	129.12116AG	230Bar	50	117	70	150
	1 1/4" NPTF	129.12116BG					
40	1 1/2" BSP	129.12117AH	200Bar	60	133	84,50	167
	1 1/2" NPTF	129.12117BH					
50	2" BSP	129.12118AI	130Bar	75	165	100	210
	2" NPTF	129.12118BI					

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements