



101 SERIES ISO-A



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



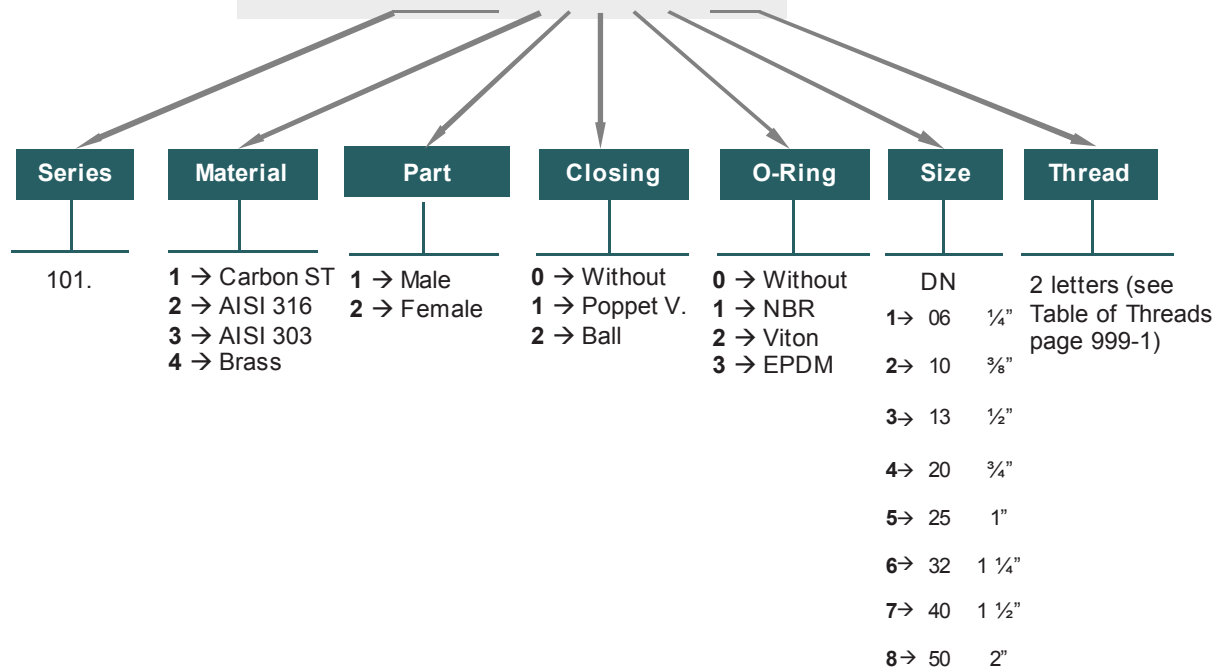
• Equivalence

FASTER ANV
AEROQUIP FD56
PARKER 6600
SNAP-TITE 61

MODEL STRUCTURE

Example;

101.11112BC

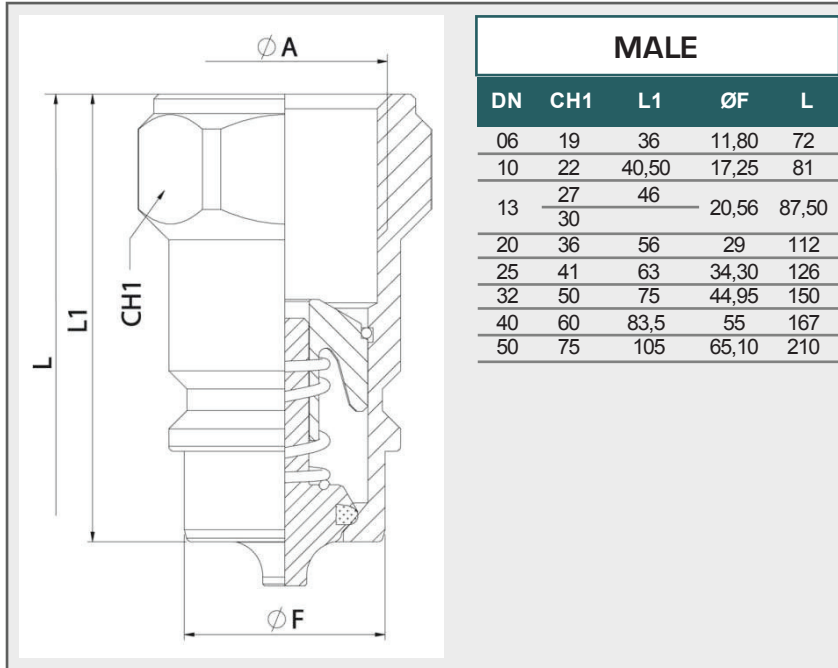


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101 SERIES ISO-A

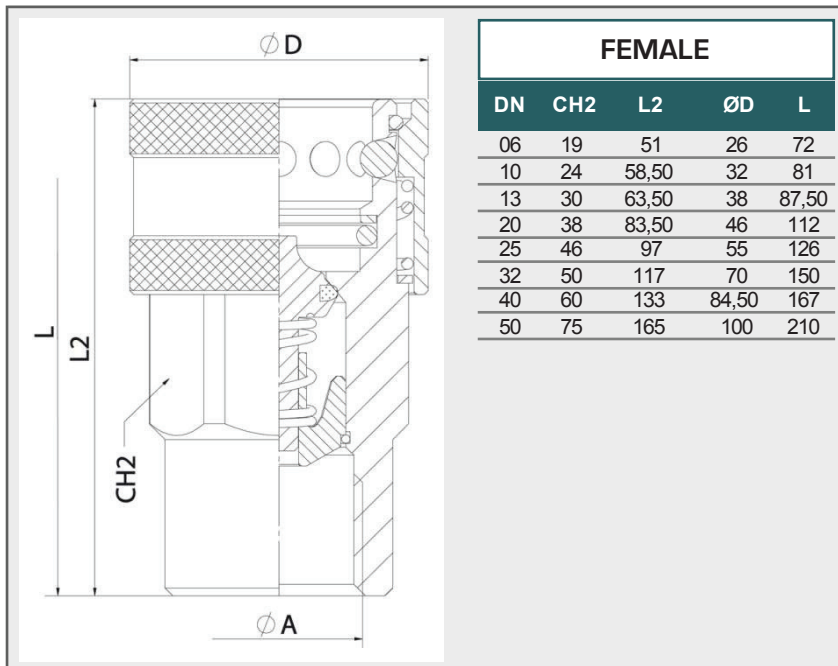


MALE				
DN	CH1	L1	ØF	L
06	19	36	11,80	72
10	22	40,50	17,25	81
13	27 30	46	20,56	87,50
20	36	56	29	112
25	41	63	34,30	126
32	50	75	44,95	150
40	60	83,5	55	167
50	75	105	65,10	210

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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	
	9/16" 18ORB	101.11112GC	101.12112GC	
13	1/2" BSP	101.11113AD	101.12113AD	300Bar
	1/2" NPTF	101.11113BD	101.12113BD	
	M22x1,5	101.11113NG	101.12113NG	
	3/4" - 16ORB	101.11113GF	101.12113GF	
20	7/8" 14ORB	101.11113GH	101.12113GH	250Bar
	3/4" BSP	101.11114AE	101.12114AE	
	3/4" NPTF	101.11114BE	101.12114BE	
25	1 1/16" - 12ORB	101.11114GK	101.12114GK	230Bar
	1" BSP	101.11115AF	101.12115AF	
32	1" NPTF	101.11115BF	101.12115BF	230Bar
	1 5/16" - 12ORB	101.11115GO	101.12115GO	
40	1 1/4" BSP	101.11116AG	101.12116AG	200Bar
	1 1/4" NPTF	101.11116BG	101.12116BG	
50	1 1/2" BSP	101.11117AH	101.12117AH	130Bar
	1 1/2" NPTF	101.11117BH	101.12117BH	
50	2" BSP	101.11118AI	101.12118AI	130Bar
	2" NPTF	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

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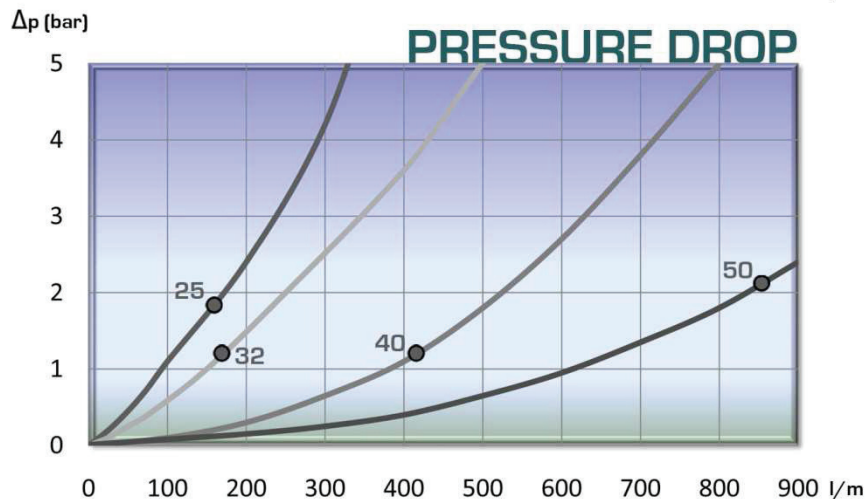
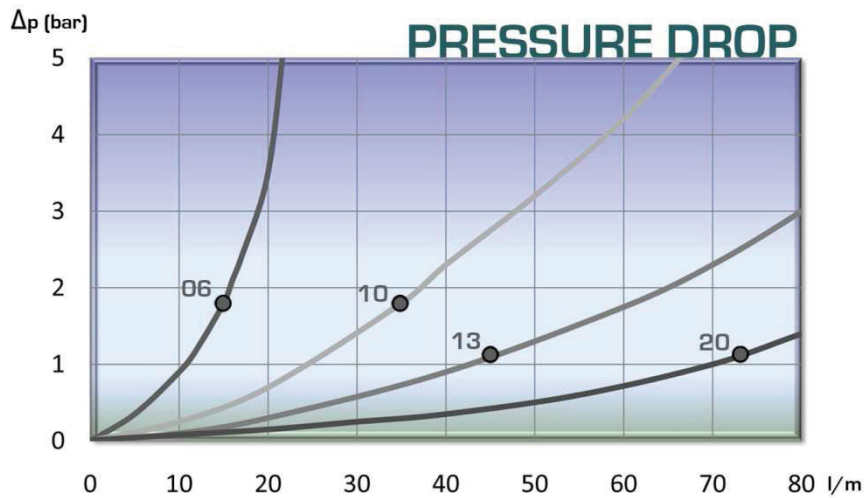
101 SERIES ISO-A



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



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101 SERIES

ISO-A

AISI 303 / AISI 316
BRASS



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BSP, NPTF, SAE/ORB threads. Others available upon request.

• Materials

Body: *AISI 303 / AISI 316 / 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

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

• Equivalence

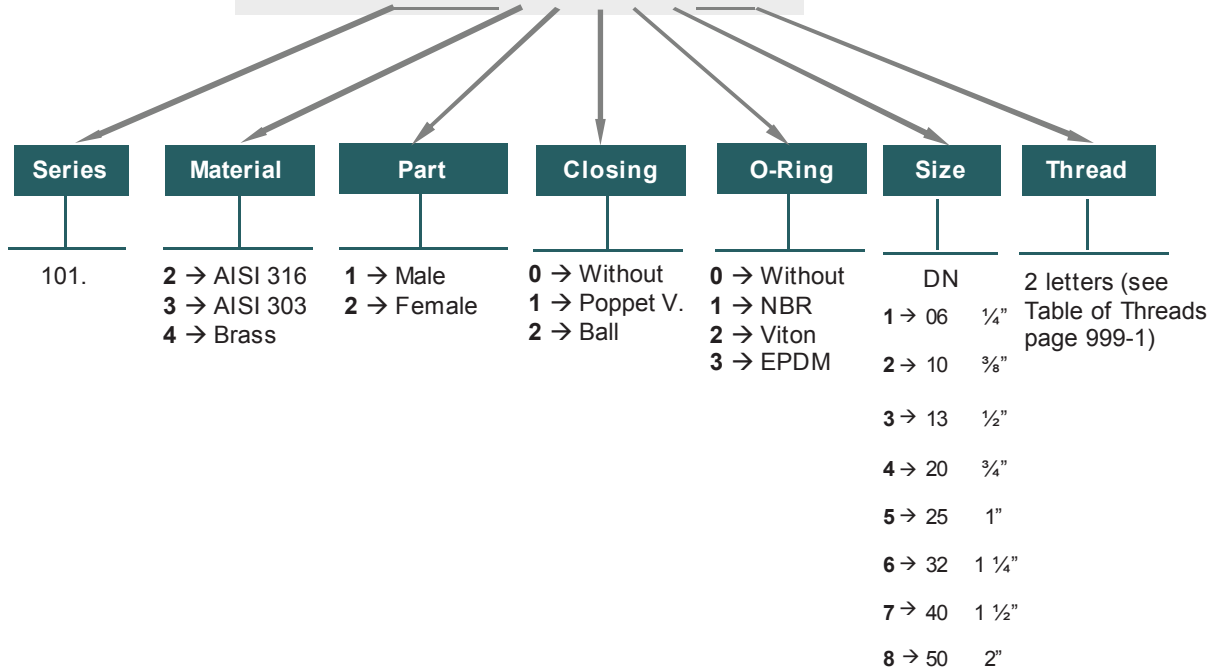
FASTER ANV
AEROQUIP FD56
PARKER 6600
SNAP-TITE 61



MODEL STRUCTURE

Example;

101.21113AD



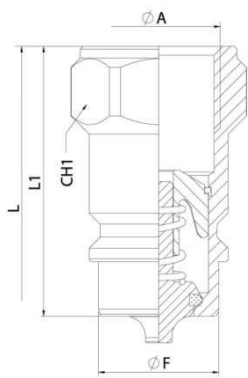
101-4



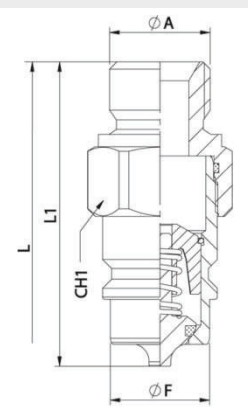


101 SERIES

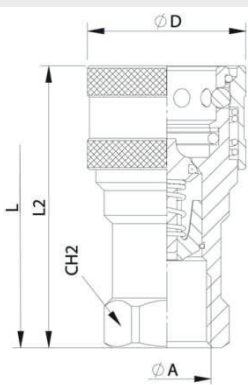
ISO-A AISI 303 / AISI 316
BRASS



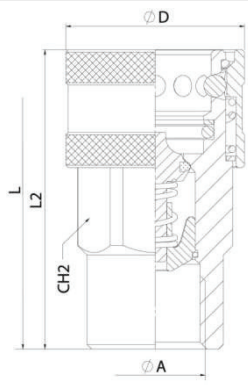
MALE				
DN	CH1	L1	ØF	L
13	27	46	20,56	87,50



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



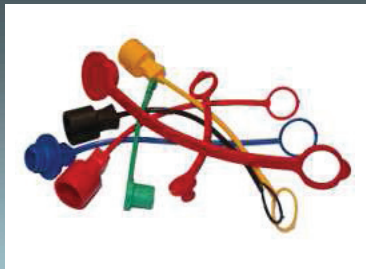
FEMALE				
DN	CH2	L2	ØD	L
13	27	68	38	83

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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





101 SERIES

ISO-A PLUGS & CAPS

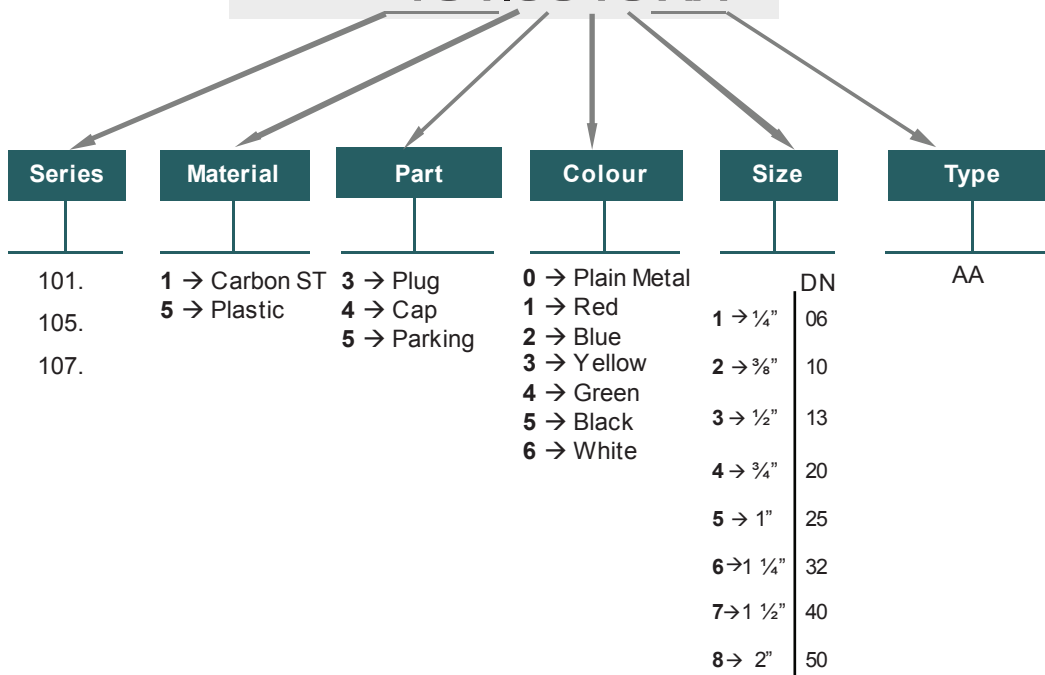



ISO A SERIES PLUGS/ CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

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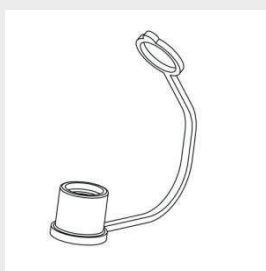
Example;

101.5313 AA





PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5311AA	*	*	*	*	*
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*
20	101.5314AA	*	*	*	*	*
25	101.5315AA	*	*	*	*	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5411AA	*	*	*	*	*
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*
20	101.5414AA	*	*	*	*	*
25	101.5415AA	*	*	*	*	*

* Available upon request.



101 SERIES

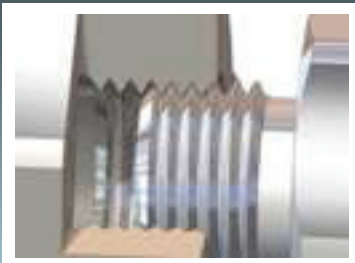
ISO-A PARKINGS



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



999 SERIES THREADS



BSP			NPTF			BSPT		
THREAD (inches)	FEMALE	MALE	THREAD (inches)	FEMALE	MALE	THREAD (inches)	FEMALE	MALE
1/8"	AA	AL	1/8"	BA	BL	1/8"	DA	DL
1/4"	AB	AM	1/4"	BB	BM	1/4"	DB	DM
3/8"	AC	AN	3/8"	BC	BN	3/8"	DC	DN
1/2"	AD	AO	1/2"	BD	BO	1/2"	DD	DO
3/4"	AE	AP	3/4"	BE	BP	3/4"	DE	DP
1"	AF	AQ	1"	BF	BQ	1"	DF	DQ
1 1/4"	AG	AR	1 1/4"	BG	BR	1 1/4"	DG	DR
1 1/2"	AH	AS	1 1/2"	BH	BS	1 1/2"	DH	DS
2"	AI	AT	2"	BI	BT	2"	DI	DT
2 1/2"	AJ	AU	2 1/2"	BJ	BU			
3"	AK	AV	3"	BK	BV			

BSP Bulkhead		DIN3852		UNF			SPECIALS	
THREAD		THREAD		THREAD	ORB FEMALE	MALE	THREAD	
1/8"	CL	M14x1,5	NC	7/16"-20UNF	GA	HA	KFA	M20x1,5 Ø13,5
1/4"	CM	M16x1,5	ND	9/16"-18UNF	GC	HC	KFB	M20x1,5 Cone 60°
3/8"	CN	M18x1,5	NE	11/16"-16UN	GE	HE	HFA	3/4"-16M. Without 37°
1/2"	CO	M20x1,5	NF	3/4"-16UNF	GF	HF	JDA	M16x1,5 Bulkhead M20x1,5
3/4"	CP	M22x1,5	NG	13/16"-16UN	GG	HG	GFA	3/4"-16UNF cylinder
1"	CQ	M24x1,5	NH	7/8"-14UNF	GH	HH	JGA	M22x1,5 Prolonged
1 1/4"	CR	M26x1,5	NI	1 1/16"-12UN	GK	HK	JGB	M22x1,5 15L Long. Hex 35mm
1 1/2"	CS	M30x2	NJ	1 3/16"-12UN	GM	HM	LGA	M22 Bulkhead Prolonged
2"	CT	M36x2	NK	1 5/16"-12UN	GO	HO		
		M42x2	NL	1 7/16"-12UN	GQ	HQ		
		M45x2	NM	1 5/8"-12UN	GT	HT		
		M52x2	NN	1 11/16"-12UN	GU	HU		
		M30x1,5	NS	1 7/8"-12UN	GV	HV		

DIN2353				DIN2353 Bulkhead			
THREAD	L	THREAD	S	THREAD	L	THREAD	S
M12x1,5 6L	JB	M16x1,5 8S	KD	M12x1,5 6L	LB	M16x1,5 8S	MD
M14x1,5 8L	JC	M18x1,5 10S	KE	M14x1,5 8L	LC	M18x1,5 10S	ME
M16x1,5 10L	JD	M20x1,5 12S	KF	M16x1,5 10L	LD	M20x1,5 12S	MF
M18x1,5 12L	JE	M22x1,5 14S	KG	M18x1,5 12L	LE	M22x1,5 14S	MG
M22x1,5 15L	JG	M24x1,5 16S	KH	M22x1,5 15L	LG	M24x1,5 16S	MH
M26x1,5 18L	JI	M30x2 20S	KJ	M26x1,5 18L	LI	M30x2 20S	MJ
M30x2 22L	JJ	M36x2 25S	KK	M30x2 22L	LJ	M36x2 25S	MK
M36x2 28L	JK	M42x2 30S	KL	M36x2 28L	LK	M42x2 30S	ML
M45x2 35L	JM	M52x2 38S	KN	M45x2 35L	LM	M52x2 38S	MN

