



INNOVATION



TECHNOLOGY



RESEARCH



SAFETY



COMMUNICATION



LEADERSHIP

 CATALOGUE

 KATALOG

 CATALOGO

 CATALOGUE



# VALUES FIRST. **FASTER**<sup>®</sup>



Thanks to our consolidated experience gained in the market, FASTER<sup>®</sup> has become the synonym for quick-release couplings for all hydraulic applications at medium, high and extremely high pressures. Through our history, FASTER has reached important milestones that have qualified our business in time. Today - a leader in the market of quick-release couplings and multiConnexions - FASTER is further accelerating its growth through an intense program of new product launches and new applications characterized by innovative technical solutions.



Grazie alla consolidata esperienza maturata nel settore, FASTER<sup>®</sup> è ormai diventato sinonimo di innesto rapido per tutte le applicazioni di oleodinamica a medie, alte e altissime pressioni. Nell'arco della propria storia FASTER ha conseguito traguardi importanti che hanno qualificato nel tempo l'attività. Oggi - nel ruolo di azienda leader nel settore degli innesti rapidi e multiconnessioni - FASTER prosegue nelle linee guida che hanno portato l'azienda ad essere protagonista del mercato accelerando ulteriormente la crescita attraverso un intenso programma con il lancio di nuovi prodotti e nuove applicazioni caratterizzati da soluzioni tecnologiche innovative d'avanguardia.



Die konsolidierte Branchenerfahrung hat FASTER zu einem Synonym für Schnellverschlußkupplungen in allen ölhydraulischen Anwendungsbereichen mit mittlerem, hohem und sehr hohem Druck gemacht. Im Laufe ihrer langjährigen Firmengeschichte konnte FASTER bedeutende Meilensteine setzen, die ihre Tätigkeit auszeichnete. Heute spielt FASTER eine führende Rolle im Bereich der Schnell- und Mehrfachkupplungen und setzt die Richtlinien fort, die das Unternehmen zu einem Protagonisten gemacht haben, indem das Wachstum weiter angetrieben wird. Ein intensives Programm mit der Einführung neuer Produkte und neuer Anwendungen, die sich durch innovative und fortschrittliche technologische Lösungen auszeichnen.



Grâce à la solide expérience acquise dans ce secteur, FASTER<sup>®</sup> est désormais synonyme de raccord rapide pour toutes les applications oléodynamiques à moyenne, haute et très haute pression. L'histoire de FASTER est jalonnée d'importants résultats qui ont qualifié son activité dans le temps. En tant que leader sur le marché des raccords rapides et des connecteurs multiples, FASTER poursuit aujourd'hui son activité dans le droit fil de la philosophie qui lui a permis de s'imposer en leader sur le marché, en accélérant ultérieurement son essor grâce au lancement de nouveaux produits et de nouvelles applications caractérisés par des solutions innovantes et à la pointe du progrès technologique.





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Quick Coupling Guide  
Guida Veloce Innesti  
Schnellkupplung Guide  
Guide Simplifié



## Chart Symbols - Tavola dei Simboli Tabelle der Symbole - Table de Symboles

				
	Specifications	Specifiche	Normen	Normes
	Maximum working pressure	Massima pressione di esercizio	Max. Betriebsdruck	Pression maximale de service
	Mate500® Surface Treatment CR (III) - Faster	Trattamento superficiale CR (III) - Faster	CR (III) - Faster	Traitement de surface CR (III) - Faster
	Mate1000® Surface Treatment Zn- Ni Faster	Trattamento superficiale Zn- Ni Faster	Oberflächentechnik Zn- Ni Faster	Traitement de surface Zn- Ni Faster
	How to connect	Connessione	Wie wird gekuppelt	Comment connecter
	How to Disconnect	Disconnessione	Wie wird entkuppelt	Deconnecter
	Connexion Under Pressure	Connessione in pressione	Unter Restdruck kuppelbar	Connexion sous pression
	Sleeve Retraction	Arretramento Ghiera	Zurückziehen der Hülse	Rétractation bagues
	Push	Push	Push	Push
	Push - Pull	Push - Pull	Push - Pull	Push - Pull
	Thread	Filetto	Anschluss	Filetage
	Bulge Valve	Valvola Sporgente	Kegel ventil	Clapet renforcé
	Flat Face	Faccia Piana	Flachdichtend	Face Plat
	Complete Information's	Informazioni complete	Vollständige Informationen	Compléter une information
	Steel	Acciaio	Stahl	Acier
	AISI 316	AISI 316	AISI 316	AISI 316
	Brass	Ottone	Messing	Laiton
	Working temperatures	Temperature di esercizio	Betriebstemperaturen	Températures de service
	Seals	Guarnizioni	Dichtungen	Joints
1:4	Safety Factor Dinamic Condition except Togheter Screw	Fattore di sicurezza Pressione Dinamica eccetto Innesti a Vite	Sicherheitsfaktor dynamischen Druck außer Schraubkupplungen	Coefficient de sécurité de pression dynamique sauf coupleurs à visser
1:3	Safety Factor Dinamic Condition Screw Togheter	Fattore di sicurezza Pressione Dinamica per Innesti a Vite	Sicherheitsfaktor dynamischen Druck für Schraubkupplungen	Coefficient de sécurité de pression dynamique pour coupleurs à visser

## Quick Coupling Guide - Guida Veloce Innesti Schnellkupplung Guide - Guide Simplifié

		NV	ANV	HNV	TNV	CPV	CNV	3CFPV	4SRPV	VF-VFB	CVV
	15171-1										
	16028										
	7241-1 A	✓ 1/2"	✓			✓	✓	✓	✓		
	7241-1 B			✓							
	EU-US Markets										
	Faster Standard	✓									
	German Market										✓
US Market				✓							
	1/8**			50 (7.250)							
	1/4**	35 (5.075)	50 (7.250)	45 (6.520)	27 (3.900)						50 (7.250)
	3/8**	30 (4.350)	30 (4.350)	30 (4.350)	30 (4.350)	27 (3.900)	27 (3.900)			22-25 (3.175-3.625)	40 (5.800)
	1/2**	30 (4.350)	30 (4.350)	35 (5.075)	22 (3.175)	30 (4.350)	30 (4.350)	25 (3.625)	25 (3.625)		40 (5.800)
	5/8**										
	3/4**	30 (4.350)	30 (4.350)	25 (3.625)	19 (2.750)						35 (5.075)
	1**	25 (3.625)	25 (3.625)	30 (4.350)	15 (2.175)	22 (3.175)	22 (3.175)				35 (5.075)
	1.1/4**	22 (3.175)	25 (3.625)		10 (1.450)						
	1.1/2**	20 (2.900)	20 (2.900)	14 (2.025)	11 (1.575)						35 (5.075)
	2**	15 (2.175)	15 (2.175)	9 (1.300)	10 (1.450)						
	Mate500®	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mate1000®										
		✓	✓	✓	✓					✓	
											
						✓	✓	✓	✓		
											✓
	N/A										
		✓	✓	✓	✓					✓	
						✓	✓	✓	✓		
											✓
	F	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓
	M	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓
		✓	✓	✓	✓	✓	✓	✓	✓		✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓							
				✓							
	PAG.	12	15	18	27	30	30	34	37	40	43

\* Standard steel related

# Quick Coupling Guide - Guida Veloce Innesti Schnellkupplung Guide - Guide Simplifié

		VV	VVS	FB	PVVM	VU	DF	FFH	3FFV	FHV	3FFH
	15171-1						✓				
	16028							✓			✓
	7241-1 A										
	7241-1 B										
	EU-US Markets				✓						
	Faster Standard	✓	✓						✓	✓	
	German Market										
	US Market			✓							
	1/8"							35 (5.075)			
	1/4"	35 (5.075)	80 (11.600)		103 (14.925)	35 (5.075)	47 (6.800)	35 (5.075)			
	3/8"	30 (4.350)	80 (11.600)		100 (14.500)	35 (5.075)		35 (5.075)			35 (5.075)
	1/2"	30 (4.350)	73 (10.575)			35 (5.075)		35 (5.075)			35 (5.075)
	5/8"							35 (5.075)			
	3/4"	25 (3.625)	73 (10.575)	25 (3.625)		25 (3.625)		35 (5.075)		46 (6.650)	35 (5.075)
	1"	23 (3.325)	63 (9.130)	23 (3.325)		25 (3.625)		35 (5.075)		46 (6.650)	
	1.1/4"		60 (8.700)	21 (3.025)		25 (3.625)					
	1.1/2"		40 (5.800)	20 (2.900)		20 (2.900)				40 (5.800)	
	2"		35 (5.075)				17 (2.450)				35 (5.075)
	Mate500®	✓	✓		✓	✓	✓		FPQ		
	Mate1000®							✓	FPQ	✓	✓
							✓				
								✓			✓
		✓	✓	✓	✓				✓	✓	
	N/A					✓					
							✓	✓			✓
		✓	✓	✓	✓				✓	✓	
	N/A					✓					
	F	✓	✓	✓	✓	N/A	✗	✗	✓	✗	✓
	M	✓	✓	✓	✓	N/A	✗	✗	✓	✓	✓
		✓	✓		✓	N/A					
				✓		N/A	✓	✓	✓	✓	✓
		✓	✓		✓	✓	✓	✓	✓	✓	✓
			✓								
				✓							
	PAG.	47	50	56	59	61	63	65	69	72	76

\* Standard steel related

# Quick Coupling Guide - Guida Veloce Innesti Schnellkupplung Guide - Guide Simplifié

		4DB4FH	2P206	3P206	2P208	3P208	2PB06	2PS06	2PS08	2P506	3P506
	15171-1										
	16028	✓									
	7241-1 A										
	7241-1 B										
	EU-US Markets										
	Faster Standard		✓	✓	✓	✓	✓	✓	✓	✓	✓
	German Market										
	US Market										
	1/8"										
	1/4"										
	3/8"		25 (3.625)	25 (3.625)			25 (3.625)	25 (3.625)		25 (3.625)	25 (3.625)
	1/2"	35 (5.075)			25 (3.625)	25 (3.625)			25 (3.625)		
	5/8"										
	3/4"	35 (5.075)									
	1"										
	1.1/4"										
	1.1/2"										
	2"										
	Mate500®		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mate1000®	✓									
		✓									
	N/A		✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓									
	N/A		✓	✓	✓	✓	✓	✓	✓	✓	✓
	F	✓	✗	✓	✗	✓	✗	✗	✗	✗	✓
	M	✓	✗	✓	✗	✓	✗	✗	✗	✗	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PAG.	79	83	83	84	84	85	86	87	88	88

\* Standard steel related

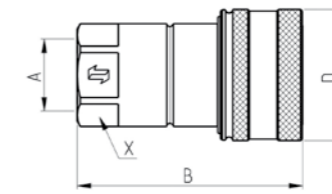
# Quick Coupling Guide - Guida Veloce Innesti Schnellkupplung Guide - Guide Simplifié

		2P5068	2P508	3P508	2P510	3P510	2P606	2P608	3P608	2P808	3P808
	15171-1										
	16028										
	7241-1 A										
	7241-1 B										
	EU-US Markets										
	Faster Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	German Market										
	US Market										
	1/8"										
	1/4"										
	3/8"						25 (3.625)				
	1/2"	25 (3.625)	25 (3.625)	25 (3.625)	25 (3.625)	25 (3.625)		25 (3.625)	25 (3.625)	25 (3.625)	25 (3.625)
	5/8"										
	3/4"				25 (3.625)	25 (3.625)					
	1"										
	1.1/4"										
	1.1/2"										
	2"										
	Mate500®	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mate1000®										
	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	F		✓	✓	✗	✓	✗	✗	✓	✗	✓
	M		✓	✓	✗	✓	✗	✗	✓	✗	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PAG.	89	90	90	91	91	92	93	93	94	94

\* Standard steel related

Products  
Prodotti  
Produkte  
Produits





ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

Agricoltura  
Agricoltura  
Ausführung Agrartechnik  
Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluss durch Kegelventil	Système d'étanchéité à clapet standard
Connexion under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part A for 1/2" size only	Intercambiabilità secondo norme ISO 7241-1 Part A solo per 1/2"	Austauschbarkeit gemäß ISO 7241-1 Teil A nur BG 1/2"	Interchangeabilité selon ISO 7241-1 part A seulement pur 1/2"

Fields of application  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement
		@ 0,2 MPa pressure drop	

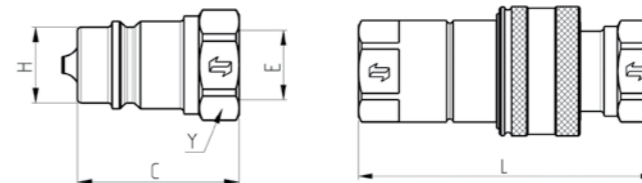
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5000)	15 (3.9)	140 (20000)	140 (20000)	140 (20000)
10	3/8"	30 (4500)	50 (13,2)	140 (20000)	120 (17400)	120 (17400)
12.5	1/2"	30 (4500)	75 (19,8)	120 (17400)	120 (17400)	120 (17400)
19	3/4"	30 (4500)	150 (39,6)	120 (17400)	120 (17400)	120 (17400)
25	1"	25 (3625)	230 (60,8)	100 (14500)	100 (14500)	100 (14500)
31.5	1 1/4"	22 (3300)	340 (89,8)	90 (13500)	90 (13500)	90 (13500)
40	1 1/2"	20 (3000)	450 (119)	80 (12000)	80 (12000)	80 (12000)
50	2"	15 (2250)	1000 (264)	60 (9000)	60 (9000)	60 (9000)

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
--------------------------	---------------------	------------------	-----------------------------

	High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone rempé ou carbonitruré pour les parties particulièrement stressées
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	Mate500®	Mate500®	Mate500®	Mate500®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Gemäß ISO 7241-2	Selon la norme ISO 7241-2

### Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.	
6.3	1/4"	F	NV 14 GAS F	1/4" BSP Female	50 (1.97)	27 (1.06)	19 (0.75)	101	40
6.3	1/4"	F	NV 14 NPT F	1/4" NPTF Female	50 (1.97)	27 (1.06)	19 (0.75)	101	40
6.3	1/4"	F	NV 14-38SAE F	9/16" UNF Female	53 (2.09)	27 (1.06)	19 (0.75)	101	40
10	3/8"	F	NV 38 GAS F	3/8" BSP Female	60 (2.36)	33 (1.30)	24 (0.94)	187	25
10	3/8"	F	NV 38 NPT F	3/8" NPTF Female	60 (2.36)	33 (1.30)	24 (0.94)	188	25
10	3/8"	F	NV 38-38SAE F	9/16" UNF Female	60 (2.36)	33 (1.30)	24 (0.94)	190	25
12.5	1/2"	F	NV 12 GAS F	1/2" BSP Female	66 (2.60)	38 (1.50)	27 (1.06)	253	20
12.5	1/2"	F	NV 12 NPT F	1/2" NPTF Female	66 (2.60)	38 (1.50)	27 (1.06)	255	20
12.5	1/2"	F	NV 12-12SAE F	3/4" UNF Female ORB	66 (2.60)	38 (1.50)	27 (1.06)	259	20
12.5	1/2"	F	NV 12-58SAE F	7/8" UNF Female ORB	66 (2.60)	38 (1.50)	27 (1.06)	259	20
12.5	1/2"	F	NV 2215 F	M22X1,5 Female	66 (2.60)	38 (1.50)	27 (1.06)	255	20
12.5	1/2"	0	NV 0/2215 F	M22X1,5 Female	66 (2.60)	38 (1.50)	27 (1.06)	255	20
20	3/4"	F	NV 34 GAS F	3/4" BSP Female	83 (3.27)	48 (1.89)	34 (1.34)	499	12
20	3/4"	F	NV 34 NPT F	3/4" NPTF Female	83 (3.27)	48 (1.89)	34 (1.34)	507	12
25	1"	F	NV 1 GAS F	1" BSP Female	100 (3.94)	56 (2.20)	41 (1.61)	819	8
25	1"	F	NV 1 NPT F	1" NPTF Female	100 (3.94)	56 (2.20)	41 (1.61)	844	8
31.5	1-1/4"	F	NV114 GAS F	1-1/4" BSP Female	115 (4.53)	70 (2.76)	50 (1.97)	1454	3
31.5	1-1/4"	F	NV114 NPT F	1-1/4" NPTF Female	115 (4.53)	70 (2.76)	50 (1.97)	1459	3
40	1-1/2"	F	NV112 GAS F	1-1/2" BSP Female	128 (5.04)	84 (3.31)	60 (2.36)	2378	2
40	1-1/2"	F	NV112 NPT F	1-1/2" NPTF Female	128 (5.04)	84 (3.31)	60 (2.36)	2388	2
50	2"	F	NV 2 GAS F	2" BSP Female	151 (5.94)	119 (4.69)	75 (2.95)	4766	2



### Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	
mm.	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.	
6.3	1/4"	F	NV 14 GAS M	1/4" BSP Female	33 (1.30)	61 (2.40)	14 (0.55)	19 (0.75)	39	100
6.3	1/4"	F	NV 14 NPT M	1/4" NPTF Female	33 (1.30)	61 (2.40)	14 (0.55)	19 (0.75)	39	100
6.3	1/4"	F	NV 14-38SAE M	9/16" UNF Female	36 (1.42)	66 (2.60)	14 (0.55)	19 (0.75)	40	100
10	3/8"	F	NV 38 GAS M	3/8" BSP Female	39 (1.54)	78 (3.07)	19 (0.75)	24 (0.94)	73	50
10	3/8"	F	NV 38 NPT M	3/8" NPTF Female	39 (1.54)	78 (3.07)	19 (0.75)	24 (0.94)	74	50
10	3/8"	F	NV 38-38SAE M	9/16" UNF Female	39 (1.54)	78 (3.07)	19 (0.75)	24 (0.94)	75	50
12.5	1/2"	F	NV 12 GAS M	1/2" BSP Female	44 (1.73)	88 (3.46)	21 (0.83)	27 (1.06)	83	40
12.5	1/2"	F	NV 12 NPT M	1/2" NPTF Female	44 (1.73)	88 (3.46)	21 (0.83)	27 (1.06)	86	40
12.5	1/2"	F	NV 12-12SAE M	3/4" UNF Female ORB	44 (1.73)	85 (3.35)	21 (0.83)	27 (1.06)	89	40
12.5	1/2"	F	NV 12-58SAE M	7/8" UNF Female ORB	44 (1.73)	85 (3.35)	21 (0.83)	27 (1.06)	89	40
12.5	1/2"	F	NV 2215 M	M22X1,5 Female	44 (1.73)	85 (3.35)	21 (0.83)	27 (1.06)	86	40
12.5	1/2"	0	NV 0/2215 M	M22X1,5 Female	47 (1.85)	88 (3.46)	21 (0.83)	27 (1.06)	86	40
20	3/4"	F	NV 34 GAS M	3/4" BSP Female	54 (2.13)	108 (4.25)	28 (1.10)	34 (1.34)	175	25
20	3/4"	F	NV 34 NPT M	3/4" NPTF Female	54 (2.13)	108 (4.25)	28 (1.10)	34 (1.34)	179	25
25	1"	F	NV 1 GAS M	1" BSP Female	66 (2.60)	132 (5.20)	31 (1.22)	41 (1.61)	289	15
25	1"	F	NV 1 NPT M	1" NPTF Female	66 (2.60)	132 (5.20)	31 (1.22)	41 (1.61)	298	15
31.5	1-1/4"	F	NV114 GAS M	1-1/4" BSP Female	73 (2.87)	146 (5.75)	44 (1.73)	50 (1.97)	522	8
31.5	1-1/4"	F	NV114 NPT M	1-1/4" NPTF Female	73 (2.87)	146 (5.75)	44 (1.73)	50 (1.97)	534	8
40	1-1/2"	F	NV112 GAS M	1-1/2" BSP Female	83 (3.27)	166 (6.54)	53 (2.09)	60 (2.36)	899	6
40	1-1/2"	F	NV112 NPT M	1-1/2" NPTF Female	83 (3.27)	166 (6.54)	53 (2.09)	60 (2.36)	913	6
50	2"	F	NV 2 GAS M	2" BSP Female	100 (3.94)	200 (7.87)	82 (3.23)	75 (2.95)	2282	2

ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

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A Visser

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Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
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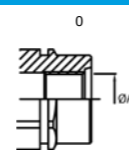
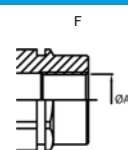
ISO A - ISO B - Standard  
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ISO A - ISO B - Standard  
ISO A - ISO B - Standard

### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints		Package Confezione Packungseinheit Colls	
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	SK NV	1*
6.3	1/4"	TF 14	●	TF 14 S	TM 14	●	TM 14 S	SK NV 14	1*
10	3/8"	TF 38	●	TF 38 S	TM 38	●	TM 38 S	SK NV 38	1*
12.5	1/2"	TF 12	●	TF 12 S	TM 12 L	●	TM 12 S	SK NV 12	1*
20	3/4"	TF 34	●	TF 34 S	TM 34	●	TM 34 S	SK NV 34	1*
25	1"	TF 1	●	TF 1 S	TM 1	●	TM 1 S	SK NV 1	1*
31.5	1-1/4"	--	--	TF114 S	--	--	TM114 S	SK NV 114	1**
40	1-1/2"	--	--	TF112 S	--	--	TM112 S	SK NV 112	1**
50	2"	--	--	TF 2 S	--	--	TM 2 S	SK NV 2	1**

\*10 O'rings + 10 PTFE rings \*\* 5 O'rings

### Thread Filetto Anschluss Filetage



Agriculture Agricoltura Aüsführung Agritechnik Agriculture

Screw Together Innessi a Vite Schraubkupplungen A Visser

Check Valves Valvole Unidirezionali Rückschläventile Clapet Anti-retour

Diagnostic Diagnostici Diagnostik Kupplung Diagnostik

Flat Face Innessi Faccia Piana Flachdichtend Clapet à Face Plat

Multifaster Multiconessioni Multikupplungen Multifaster

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Flat Face Innessi Faccia Piana Flachdichtend Clapet à Face Plat

Multifaster Multiconessioni Multikupplungen Multifaster



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connexion under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 7241-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

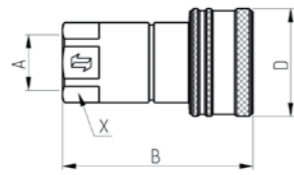
Fields of application  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
			MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	50 (7500)	9 (2.4)	200 (30000)	200 (30000)	200 (30000)
10	30 (4500)	30 (7.9)	160 (24000)	120 (18000)	140 (21000)
12.5	30 (4500)	75 (19.8)	130 (19500)	120 (18000)	130 (19500)
20	30 (4500)	180 (47.6)	120 (18000)	120 (18000)	120 (18000)
25	25 (3625)	270 (71.4)	100 (14500)	100 (14500)	100 (14500)
31.5	25 (3625)	330 (87.3)	100 (14500)	100 (14500)	100 (14500)
40	20 (3000)	450 (119)	80 (12000)	80 (12000)	80 (12000)
50	15 (2250)	900 (238)	60 (9000)	60 (9000)	60 (9000)

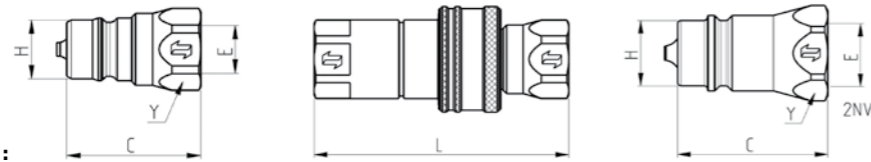
Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrided for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)
Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2





### Female - Femmina - Muffe - Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F ANV 14 GAS F	1/4" BSP Female	48 (1.89)	25 (0.98)	19 (0.75)		40
6.3	1/4"	F ANV 14 NPT F	1/4" NPTF Female	48 (1.89)	25 (0.98)	19 (0.75)		40
6.3	1/4"	F ANV 14-38SAE F	9/16" UNF Female	48 (1.89)	25 (0.98)	19 (0.75)		40
10	3/8"	F ANV 38 GAS F	3/8" BSP Female	57 (2.24)	32 (1.26)	24 (0.94)		25
10	3/8"	F ANV 38 NPT F	3/8" NPTF Female	57 (2.24)	32 (1.26)	24 (0.94)		25
10	3/8"	F ANV 38-38SAE F	9/16" UNF Female	57 (2.24)	32 (1.26)	24 (0.94)		25
12.5	1/2"	F NV 12 GAS F	1/2" BSP Female	66 (2.60)	38 (1.49)	27 (1.06)		20
12.5	1/2"	F NV 12 NPT F	1/2" NPTF Female	66 (2.60)	38 (1.49)	27 (1.06)		20
12.5	1/2"	F NV 12-12SAE F	3/4" UNF Female	66 (2.60)	38 (1.49)	27 (1.06)		20
12.5	1/2"	F NV 2215 F	M22x1,5	66 (2.60)	38 (1.49)	27 (1.06)		20
12.5	1/2"	F NV0/2215 F	M22x1,5	66 (2.60)	38 (1.49)	27 (1.06)		20
20	3/4"	F ANV 34 GAS F	3/4" BSP Female	83 (3.27)	48 (1.89)	34 (1.34)		12
20	3/4"	F ANV 34 NPT F	3/4" NPTF Female	83 (3.27)	48 (1.89)	34 (1.34)		12
20	3/4"	F ANV 34-34 SAE F	1 1/16" UNF Female	83 (3.27)	48 (1.89)	34 (1.34)		12
25	1"	F ANV 1 GAS F	1" BSP Female	100 (3.94)	56 (2.20)	41 (1.61)		8
25	1"	F ANV 1 NPT F	1" NPTF Female	101 (3.94)	57 (2.20)	42 (1.61)		8
31.5	1-1/4"	F ANV114 GAS F	1-1/4" BSP Female	115 (4.53)	70 (2.76)	50 (1.97)		3
31.5	1-1/4"	F ANV114 NPT F	1-1/4" NPTF Female	115 (4.53)	70 (2.76)	50 (1.97)		3
40	1-1/2"	F ANV112 GAS F	1-1/2" BSP Female	133 (5.22)	84 (3.30)	60 (2.36)		2
50	2"	F ANV 2 GAS F	2" BSP Female	161 (6.34)	100 (3.94)	75 (2.95)		2
50	2"	F ANV 2 NPT F	2" NPT Female	161 (6.34)	100 (3.94)	75 (2.95)		2



### Male - Maschio - Stecker - Male :

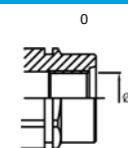
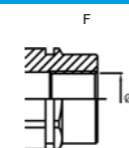
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F ANV 14 GAS M	1/4" BSP Female	39 (1.54)	72	11.8 (0.46)	19 (0.75)		100
6.3	1/4"	F ANV 14 NPT M	1/4" NPTF Female	39 (1.54)	72	11.8 (0.46)	19 (0.75)		100
6.3	1/4"	F ANV 14-38SAE M	9/16" UNF Female	39 (1.54)	72	11.8 (0.46)	19 (0.75)		100
10	3/8"	F ANV 38 GAS M	3/8" BSP Female	39 (1.54)	81	17.2 (0.67)	22 (0.87)		50
10	3/8"	F ANV 38 NPT M	3/8" NPTF Female	39 (1.54)	81	17.2 (0.67)	22 (0.87)		50
10	3/8"	F ANV 38-38SAE M	9/16" UNF Female	39 (1.54)	81	17.2 (0.67)	22 (0.87)		50
12.5	1/2"	F NV 12 GAS M	1/2" BSP Female	44 (1.73)	88	20,5 (0.80)	27 (1.06)		40
12.5	1/2"	F NV 12 NPT M	1/2" NPTF Female	44 (1.73)	88	20,5 (0.80)	27 (1.06)		40
12.5	1/2"	F NV 12-12SAE M	3/4" UNF Female ORB	44 (1.73)	88	20,5 (0.80)	27 (1.06)		40
12.5	1/2"	F NV 2215 M	M22x1,5	44 (1.73)	88	20,5 (0.80)	27 (1.06)		40
12.5	1/2"	F 2NV 12 NPT M	1/2" NPTF Female	47 (1.85)	91 (3.58)	21 (0.83)	27 (1.06)		40
12.5	1/2"	F 2NV 12-12SAE M	3/4" UNF Female	47 (1.85)	91 (3.58)	21 (0.83)	27 (1.06)		40
12.5	1/2"	F 2NV 12-58SAE M	7/8" UNF Female	54 (2.13)	98 (3.86)	21 (0.83)	27 (1.06)		40
12.5	1/2"	F NV 0/2215 M	M22x1,5	44 (1.73)	88	20,5 (0.80)	27 (1.06)		40
20	3/4"	F ANV 34 GAS M	3/4" BSP Female	55 (2.16)	110	29 (1.14)	34 (1.34)		25
20	3/4"	F ANV 34 NPT M	3/4" NPTF Female	55 (2.16)	110	29 (1.14)	34 (1.34)		25
20	3/4"	F ANV 34-34 SAE M	1 1/16" UNF Female	55 (2.16)	110	29 (1.14)	34 (1.34)		25
25	1"	F ANV 1 GAS M	1" BSP Female	66 (2.60)	132	34,3 (1.35)	41 (1.61)		15
25	1"	F ANV 1 NPT M	1" NPTF Female	66 (2.60)	133	34,3 (1.35)	41 (1.61)		15
31.5	1-1/4"	F ANV114 GAS M	1-1/4" BSP Female	73 (2.87)	146	44,9 (1.77)	50 (1.97)		8
31.5	1-1/4"	F ANV114 NPT M	1-1/4" NPTF Female	73 (2.87)	146	44,9 (1.77)	50 (1.97)		8
40	1-1/2"	F ANV112 GAS M	1-1/2" BSP Female	83 (3.27)	166	55 (2.16)	60 (2.36)		6
50	2"	F ANV 2 GAS M	2" BSP Female	100 (3.94)	200	65 (2.56)	75 (2.95)		2
50	2"	F ANV 2 NPT M	2" NPT Female	100 (3.94)	200	65 (2.56)	75 (2.95)		2

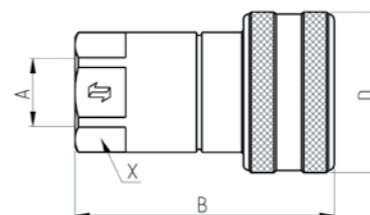
### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis		
	PVC	Aluminum	PVC	Aluminum				
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	
6.3	1/4"	TFA 14	Yellow		TMA 14	Yellow	SK ANV 14	1*
10	3/8"	TFA 38	Yellow		TMA 38	Yellow	SK ANV 38	1*
12.5	1/2"	TF 12	Yellow		TM 12 L/G	Yellow	SK NV 12	1*
20	3/4"	TFA 34	Yellow		TMA 34	Yellow	SK ANV 34	1*
25	1"	TFA 1	Yellow		TMA 1	Yellow	SK ANV 1	1*
31.5	1-1/4"	--	--		--	--	SK ANV 114	1**
40	1-1/2"	--	--		--	--	SK ANV 112	1**
50	2"	--	--		--	--	SK ANV 2	1**

\*10 O'rings + 10 PTFE rings \*\* 5 O'rings

### Thread Filetto Anschluss Filetage





ISO A - ISO B - Standard  
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Clapet Anti-retour

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Innesti Faccia Piana  
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Multikupplungen  
Multifaster

Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluß durch Kegelventil	Système d'étanchéité a clapet standard
Connexion under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part B	Intercambiabilità secondo norme ISO 7241-1 Part B	Austauschbarkeit gemäß ISO 5271-1 Teil B	Interchangeabilité selon ISO 7241-1 part B

### Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service		Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
	MPa (PSI)	Bar		MPa (PSI)	MPa (PSI)	MPa (PSI)
3	50 (7500)	5 (1.3)	5 (1.3)	200 (30000)	280 (42000)	200 (30000)
6.3	45 (6750)	17 (4.5)	17 (4.5)	180 (27000)	180 (27000)	200 (30000)
10	30 (4500)	50 (13.2)	50 (13.2)	180 (27000)	130 (19500)	120 (18000)
12.5	35 (5250)	75 (19.8)	75 (19.8)	150 (22500)	140 (21000)	140 (21000)
20	25 (3625)	190 (50.2)	190 (50.2)	100 (14500)	110 (16500)	100 (14500)
25	30 (4500)	270 (71.4)	270 (71.4)	120 (18000)	120 (18000)	120 (18000)
40	14 (2100)	750 (198.4)	750 (198.4)	60 (9000)	56 (8400)	56 (8400)
50	9 (1350)	1600 (423.3)	1600 (423.3)	45 (6750)	38 (5700)	40 (6000)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
<p>High grade carbon steel Hardening treatment for specific stressed area</p>	<p>Acciaio ad alto tenore di carbonio con parti sollecitate a induzione</p>	<p>High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone</p>	<p>Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées</p>
<p>NBR Backup ring in PTFE</p>	<p>NBR Anello antiestrusione PTFE</p>	<p>NBR Stützring in PTFE</p>	<p>NBR Anneau anti-extrusion en PTFE</p>
<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C à +125°C (-13°F à +257°F)</p>
<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>
<p>According to ISO 7241-2</p>	<p>Secondo la norma ISO 7241-2</p>	<p>Nach ISO 7241-2</p>	<p>Selon la norme ISO 7241-2</p>

### Female - Femmina - Muffe - Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)			mm (in)	g (lbs)	No.
3	1/8"	F HNV 18 GAS F	1/8" BSP Female	50 (1.97)	23 (0.91)	18 (0.71)		
3	1/8"	F HNV 18 NPT F	1/8" NPTF Female	50 (1.97)	23 (0.91)	18 (0.71)		
6.3	1/4"	F HNV 14 GAS F	1/4" BSP Female	56 (2.20)	28 (1.10)	19 (0.75)		
6.3	1/4"	F HNV 14 NPT F	1/4" NPTF Female	56 (2.20)	28 (1.10)	19 (0.75)		
6.3	1/4"	F HNV 14-38SAE F	9/16" UNF Female	60 (2.36)	28 (1.10)	19 (0.75)		
10	3/8"	F HNV 38 GAS F	3/8" BSP Female	64 (2.52)	35 (1.38)	24 (0.94)		
10	3/8"	F HNV 38 NPT F	3/8" NPTF Female	64 (2.52)	35 (1.38)	24 (0.94)		
10	3/8"	F HNV 38-38SAE F	9/16" UNF Female	64 (2.52)	35 (1.38)	24 (0.94)		
12.5	1/2"	F HNV 12 GAS F	1/2" BSP Female	72 (2.83)	44 (1.73)	30 (1.18)		
12.5	1/2"	F HNV 12 NPT F	1/2" NPTF Female	72 (2.83)	44 (1.73)	30 (1.18)		
12.5	1/2"	F HNV 12-12SAE F	3/4" UNF Female	72 (2.83)	44 (1.73)	30 (1.18)		
20	3/4"	F HNV 34 GAS F	3/4" BSP Female	89 (3.50)	52 (2.05)	36 (1.42)		
20	3/4"	F HNV 34 NPT F	3/4" NPTF Female	89 (3.50)	52 (2.05)	36 (1.42)		
20	3/4"	F HNV 34-34 SAE F	1 1/16" UNF Female	89 (3.50)	52 (2.05)	36 (1.42)		
25	1"	F HNV 1 GAS F	1" BSP Female	106 (4.17)	62 (2.44)	41 (1.61)		
25	1"	F HNV 1 NPT F	1" NPTF Female	106 (4.17)	62 (2.44)	41 (1.61)		
25	1"	F HNV 1-1SAE F	1 5/16" UNF Female	106 (4.17)	62 (2.44)	41 (1.61)		
40	1-1/2"	F HNV112 GAS F	1-1/2" BSP Female	126 (4.96)	75 (2.95)	65 (2.56)		
40	1-1/2"	F HNV112-112SAE F	1 7/8" UNF Female	123 (4.84)	75 (2.95)	65 (2.56)		
50	2"	F HNV 2 GAS F	2" BSP Female	142 (5.59)	105 (4.13)	89 (3.50)		



### Male - Maschio - Stecker - Male :

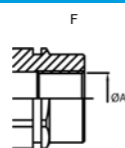
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.		mm (in)			mm (in)	mm (in)	g (lbs)	No.
3	1/8"	F HNV 18 GAS M	1/8" BSP Female	32 (1.25)	63 (2.48)	10.8 (0.43)	17 (0.67)		
3	1/8"	F HNV 18 NPT M	1/8" NPTF Female	32 (1.25)	63 (2.48)	10.8 (0.43)	17 (0.67)		
6.3	1/4"	F HNV 14 GAS M	1/4" BSP Female	35 (1.38)	70 (2.76)	14.1 (0.55)	19 (0.75)		
6.3	1/4"	F HNV 14 NPT M	1/4" NPTF Female	35 (1.38)	70 (2.76)	14.1 (0.55)	19 (0.75)		
6.3	1/4"	F HNV 14-38SAE M	9/16" UNF Female	35 (1.38)	74 (2.91)	14.1 (0.55)	19 (0.75)		
10	3/8"	F HNV 38 GAS M	3/8" BSP Female	39 (1.54)	78 (3.07)	19 (0.75)	22 (0.87)		
10	3/8"	F HNV 38 NPT M	3/8" NPTF Female	39 (1.54)	78 (3.07)	19 (0.75)	22 (0.87)		
10	3/8"	F HNV 38-38SAE M	9/16" UNF Female	39 (1.54)	78 (3.07)	19 (0.75)	22 (0.87)		
12.5	1/2"	F HNV 12 GAS M	1/2" BSP Female	44 (1.73)	88 (3.46)	23.5 (0.92)	27 (1.06)		
12.5	1/2"	F HNV 12 NPT M	1/2" NPTF Female	44 (1.73)	88 (3.46)	23.5 (0.92)	27 (1.06)		
12.5	1/2"	F HNV 12-12SAE M	3/4" UNF Female ORB	44 (1.73)	88 (3.46)	23.5 (0.92)	27 (1.06)		
20	3/4"	F HNV 34 GAS M	3/4" BSP Female	55 (2.16)	110 (4.33)	31.4 (1.24)	34 (1.34)		
20	3/4"	F HNV 34 NPT M	3/4" NPTF Female	55 (2.16)	110 (4.33)	31.4 (1.24)	34 (1.34)		
20	3/4"	F HNV 34-34 SAE M	1 1/16" UNF Female	55 (2.16)	110 (4.33)	31.4 (1.24)	34 (1.34)		
25	1"	F HNV 1 GAS M	1" BSP Female	66 (2.60)	132 (5.02)	37.8 (1.49)	41 (1.61)		
25	1"	F HNV 1 NPT M	1" NPTF Female	66 (2.60)	132 (5.02)	37.8 (1.49)	41 (1.61)		
25	1"	F HNV 1-1 SAE M	1 5/16" UNF Female	66 (2.60)	132 (5.02)	37.8 (1.49)	41 (1.61)		
40	1-1/2"	F HNV112 GAS M	1-1/2" BSP Female	126 (4.96)	193 (7.60)	44.5 (1.75)	65 (2.56)		
40	1-1/2"	F HNV112-112SAE M	1 7/8" UNF Female	123 (4.84)	193 (7.60)	44.5 (1.75)	66 (2.56)		
50	2"	F HNV 2 GAS M	2" BSP Female	142 (5.59)	219 (8.62)	63.2 (2.49)	89 (3.50)		

### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis	
	PVC	Aluminum	PVC	Aluminum			
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	
3	1/8"	TFH 18		TMH 18		SK HNV 18	1*
6.3	1/4"	TFH 14		TMH 14		SK HNV 14	1*
10	3/8"	TFH 38		TMH 38		SK HNV 38	1*
12.5	1/2"	TFH 12		TMH 12		SK HNV 12	1*
20	3/4"	TFH 34		TMH 34		SK HNV 34	1*
25	1"	TFH 1		TMH 1		SK HNV 1	1*
40	1-1/2"					SK HNV 112	1**
50	2"					SK HNV 2	1**

\*10 O'rings + 10 PTFE rings \*\* 5 O'rings

### Thread Filetto Anschluss Filetage



### Features

- Connexion by pulling back the sleeve
- DisConnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- DisConnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 Part B



### Caratteristiche

- Connessione mediante arretramento ghiera parte femmina
- Disconnessione mediante arretramento ghiera parte femmina
- Sistema di tenuta mediante valvola
- Connessione in pressione non consentita
- Disconnessione in pressione non consentita
- Intercambiabilità secondo norme ISO 7241-1 Part B



### Merkmale

- Kuppeln durch Einstecken des Kupplungssteckers
- Entkuppeln, durch Zurückziehen der Verriegelungshülse
- Verschluss durch flachdichtendes Ventil
- Kuppeln unter Druck nicht erlaubt
- Entkuppeln unter Druck nicht erlaubt
- Austauschbarkeit gemäß ISO 5271-1 Teil B



### Caractéristiques

- Connexion en poussant le coupleur mâle
- Déconnexion en en tirant la bague femelle
- Système d'étanchéité a clapet standard
- Connexion sous pression non autorisée
- Déconnexion sous pression non autorisée
- Interchangeabilité selon ISO 7241-1 part B



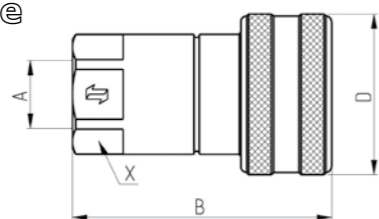
### Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
			MPa (PSI)	MPa (PSI)	MPa (PSI)
		@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5075)	14 (3.08)	140 (20300)	200 (29000)
10	3/8"	27 (3900)	27 (5.9)	110 (15950)	160 (23200)
12.5	1/2"	32 (4625)	60 (15.9)	150 (21750)	130 (18850)
20	3/4"	25 (3750)	110 (29.1)	100 (14500)	105 (15225)
25	1"	21 (3025)	150 (39.7)	84 (12175)	90 (13050)
40	1 1/2"	14 (2025)	750 (198.4)	56 (8100)	56 (8100)
50	2"	9 (1300)	1600 (423.3)	38 (5500)	40 (5800)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
Stainless Steel 316	Accaio Inox 316	Edelstahl AISI 316	Acier inoxydable AISI 316
Viton Backup ring in PTFE	Viton Anello antiestrusione PTFE	Viton Stützring bei PTFE	Viton Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

# HNV Stainless Steel Inox Edelstahl Inoxydable



## Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	HNV 14 GAS F 2V	1/4" BSP Female	56 (2.20)	28 (1.10)	19 (0.75)	
6.3	1/4"	F	HNV 14 NPT F 2V	1/4" NPTF Female	56 (2.20)	28 (1.10)	19 (0.75)	
10	3/8"	F	HNV 38 GAS F 2V	3/8" BSP Female	64 (2.52)	35 (1.38)	24 (0.94)	
10	3/8"	F	HNV 38 NPT F 2V	3/8" NPTF Female	64 (2.52)	35 (1.38)	24 (0.94)	
12.5	1/2"	F	HNV 12 GAS F 2V	1/2" BSP Female	72 (2.83)	44 (1.73)	30 (1.18)	
12.5	1/2"	F	HNV 12 NPT F 2V	1/2" NPTF Female	72 (2.83)	44 (1.73)	30 (1.18)	
20	3/4"	F	HNV 34 GAS F 2V	3/4" BSP Female	89 (3.50)	52 (2.05)	36 (1.42)	
20	3/4"	F	HNV 34 NPT F 2V	3/4" NPTF Female	89 (3.50)	52 (2.05)	36 (1.42)	
25	1"	F	HNV 1 GAS F 2V	1" BSP Female	106 (4.17)	62 (2.44)	41 (1.61)	
25	1"	F	HNV 1 NPT F 2V	1" NPTF Female	106 (4.17)	62 (2.44)	41 (1.61)	
40	1-1/2"	F	HNV112 GAS F 2V	1-1/2" BSP Female	126 (4.96)	75 (2.95)	65 (2.56)	
50	2"	F	HNV 2 GAS F 2V	2" BSP Female	142 (5.59)	105 (4.13)	89 (3.50)	

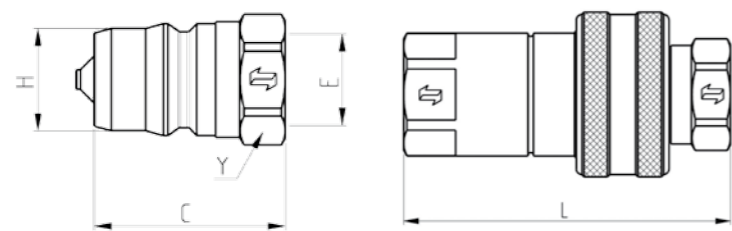
# Stainless Steel Inox Edelstahl Inoxydable



## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis			
	PVC	Aluminum	PVC	Aluminum					
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4"	TFH 14	●		TMH 14	●			SK HNV 14 V
10	3/8"	TFH 38	●		TMH 38	●		SK HNV 38 V	1*
12.5	1/2"	TFH 12	●		TMH 12	●		SK HNV 12 V	1*
20	3/4"	TFH 34	●		TMH 34	●		SK HNV 34 V	1*
25	1"	TFH 1	●		TMH 1	●		SK HNV 1 V	1*
40	1-1/2"							SK HNV 112 V	1**
50	2"							SK HNV 2 V	1**

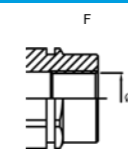
\*10 Viton O'rings + 10 PTFE rings \*\* 5 Viton O'rings

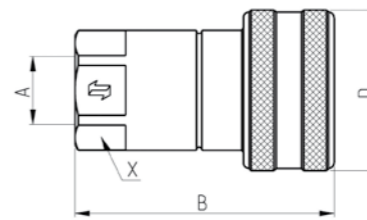


## Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	HNV 14 GAS M 2V	1/4" BSP Female	35 (1.38)	B+C -21 (0.83)	14.1 (0.55)	19 (0.75)	
6.3	1/4"	F	HNV 14 NPT M 2V	1/4" NPTF Female	35 (1.38)	B+C -21 (0.83)	14.1 (0.55)	19 (0.75)	
10	3/8"	F	HNV 38 GAS M 2V	3/8" BSP Female	39 (1.54)	B+C -25 (0.98)	19 (0.75)	22 (0.87)	
10	3/8"	F	HNV 38 NPT M 2V	3/8" NPTF Female	39 (1.54)	B+C -25 (0.98)	19 (0.75)	22 (0.87)	
12.5	1/2"	F	HNV 12 GAS M 2V	1/2" BSP Female	44 (1.73)	B+C -28 (1.10)	23.5 (0.92)	27 (1.06)	
12.5	1/2"	F	HNV 12 NPT M 2V	1/2" NPTF Female	44 (1.73)	B+C -28 (1.10)	23.5 (0.92)	27 (1.06)	
20	3/4"	F	HNV 34 GAS M 2V	3/4" BSP Female	55 (2.16)	B+C -34 (1.34)	31.4 (1.24)	34 (1.34)	
20	3/4"	F	HNV 34 NPT M 2V	3/4" NPTF Female	55 (2.16)	B+C -34 (1.34)	31.4 (1.24)	34 (1.34)	
25	1"	F	HNV 1 GAS M 2V	1" BSP Female	66 (2.60)	B+C -40 (1.57)	37,8 (1.49)	41 (1.61)	
25	1"	F	HNV 1 NPT M 2V	1" NPTF Female	66 (2.60)	B+C -40 (1.57)	37,8 (1.49)	41 (1.61)	
40	1-1/2"	F	HNV112 GAS M 2V	1-1/2" BSP Female	126 (4.96)	B+C -54 (2.13)	44.5 (1.75)	65 (2.56)	
50	2"	F	HNV 2 GAS M 2V	2" BSP Female	142 (5.59)	B+C -65 (2.56)	63.2 (2.49)	89 (3.50)	

## Thread Filetto Anschluss Filetage





ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

Agricoltura  
Agricoltura  
Agricoltura  
Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola	Verschluss durch flachdichtendes Ventil	Système d'étanchéité a clapet standard
Connexion under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 7241-1 Part B	Intercambiabilità secondo norme ISO 7241-1 Part B	Austauschbarkeit gemäß ISO 5271-1 Teil B	Interchangeabilité selon ISO 7241-1 part B

**Fields of application**  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application

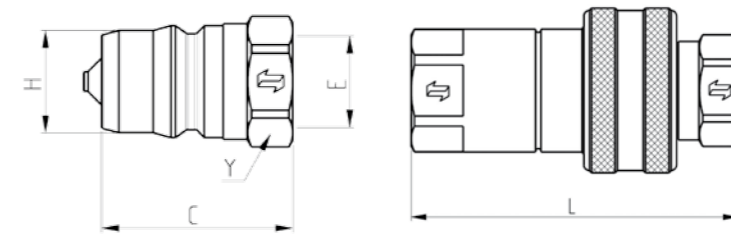


Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement
		@ 0,2 MPa pressure drop	
mm inch	MPa (PSI)	l/min (GPM)	MPa (PSI) MPa (PSI) MPa (PSI)
3 1/8"	22 (3175)	6 (1.6)	90 (13050) 140 (20300) 150 (21750)
6.3 1/4"	20 (2900)	16 (4.2)	80 (11600) 120 (17400) 120 (17400)
10 3/8"	15 (2175)	25 (6.6)	60 (8700) 70 (10150) 100 (14500)
12.5 1/2"	17 (2450)	60 (15.9)	70 (10150) 90 (13050) 90 (13050)
20 3/4"	10 (1450)	110 (29.0)	40 (5800) 50 (7250) 102 (14775)
25 1"	14 (2025)	150 (39.6)	56 (8100) 58 (8400) 80 (11600)
40 1 1/2"	7 (1000)	750 (198.4)	30 (4350) 33 (4775) 40 (5800)
50 2"	6 (850)	1600 (423.0)	25 (3625) 27 (3900) 31 (4475)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
Brass	Ottone	Messing	Laiton
NBR	NBR	NBR	NBR
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

**Female - Femmina - Muffe - Femelle :**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm inch.			mm (in)	mm (in)	mm (in)	mm (in)	grams	No.
3 1/8"	F	HNV 18 GAS F 5	1/8" BSP Female	50 (1.97)	23 (0.91)	18 (0.71)		
3 1/8"	F	HNV 18 NPT F 5	1/8" NPTF Female	50 (1.97)	23 (0.91)	18 (0.71)		
6.3 1/4"	F	HNV 14 GAS F 5	1/4" BSP Female	56 (2.20)	28 (1.10)	19 (0.75)		
6.3 1/4"	F	HNV 14 NPT F 5	1/4" NPTF Female	56 (2.20)	28 (1.10)	19 (0.75)		
10 3/8"	F	HNV 38 GAS F 5	3/8" BSP Female	64 (2.52)	35 (1.38)	24 (0.94)		
10 3/8"	F	HNV 38 NPT F 5	3/8" NPTF Female	64 (2.52)	35 (1.38)	24 (0.94)		
12.5 1/2"	F	HNV 12 GAS F 5	1/2" BSP Female	72 (2.83)	44 (1.73)	30 (1.18)		
12.5 1/2"	F	HNV 12 NPT F 5	1/2" NPTF Female	72 (2.83)	44 (1.73)	30 (1.18)		
20 3/4"	F	HNV 34 GAS F 5	3/4" BSP Female	89 (3.50)	52 (2.05)	36 (1.42)		
20 3/4"	F	HNV 34 NPT F 5	3/4" NPTF Female	89 (3.50)	52 (2.05)	36 (1.42)		
25 1"	F	HNV 1 GAS F 5	1" BSP Female	106 (4.17)	62 (2.44)	41 (1.61)		
25 1"	F	HNV 1 NPT F 5	1" NPTF Female	106 (4.17)	62 (2.44)	41 (1.61)		
40 1-1/2"	F	HNV112 GAS F 5	1-1/2" BSP Female	126 (4.96)	75 (2.95)	65 (2.56)		
50 2"	F	HNV 2 GAS F 5	2" BSP Female	142 (5.59)	105 (4.13)	89 (3.50)		



**Male - Maschio - Stecker - Male :**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm. inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	grams	No.
3 1/8"	F	HNV 18 GAS M 5	1/8" BSP Female	32 (1.25)	B+C -19 (0.75)	10.8 (0.43)	16 (0.63)		
3 1/8"	F	HNV 18 NPT M 5	1/8" NPTF Female	32 (1.25)	B+C -19 (0.75)	10.8 (0.43)	16 (0.63)		
6.3 1/4"	F	HNV 14 GAS M 5	1/4" BSP Female	35 (1.38)	B+C -21 (0.83)	14.1 (0.55)	19 (0.75)		
6.3 1/4"	F	HNV 14 NPT M 5	1/4" NPTF Female	35 (1.38)	B+C -21 (0.83)	14.1 (0.55)	19 (0.75)		
10 3/8"	F	HNV 38 GAS M 5	3/8" BSP Female	39 (1.54)	B+C -25 (0.98)	19 (0.75)	22 (0.87)		
10 3/8"	F	HNV 38 NPT M 5	3/8" NPTF Female	39 (1.54)	B+C -25 (0.98)	19 (0.75)	22 (0.87)		
12.5 1/2"	F	HNV 12 GAS M 5	1/2" BSP Female	44 (1.73)	B+C -28 (1.10)	23.5 (0.92)	27 (1.06)		
12.5 1/2"	F	HNV 12 NPT M 5	1/2" NPTF Female	44 (1.73)	B+C -28 (1.10)	23.5 (0.92)	27 (1.06)		
20 3/4"	F	HNV 34 GAS M 5	3/4" BSP Female	55 (2.16)	B+C -34 (1.34)	31.4 (1.24)	34 (1.34)		
20 3/4"	F	HNV 34 NPT M 5	3/4" NPTF Female	55 (2.16)	B+C -34 (1.34)	31.4 (1.24)	34 (1.34)		
25 1"	F	HNV 1 GAS M 5	1" BSP Female	66 (2.60)	B+C -40 (1.57)	37.8 (1.49)	41 (1.61)		
25 1"	F	HNV 1 NPT M 5	1" NPTF Female	66 (2.60)	B+C -40 (1.57)	37.8 (1.49)	41 (1.61)		
40 1-1/2"	F	HNV112 GAS M 5	1-1/2" BSP Female	126 (4.96)	B+C -54 (2.13)	44.5 (1.75)	65 (2.56)		
50 2"	F	HNV 2 GAS M 5	2" BSP Female	142 (5.59)	B+C -65 (2.56)	63.2 (2.49)	89 (3.50)		

ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

Agricoltura  
Agricoltura  
Agricoltura  
Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

Agriculture  
Agricoltura  
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ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard  
ISO A - ISO B - Standard

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Agriculture

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Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

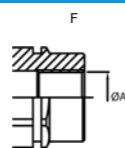
Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
	PVC	Aluminum	PVC	Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation
3	1/8"	TFH 18		TMH 18		SK HNV 14
6.3	1/4"	TFH 14		TMH 14		SK HNV 14
10	3/8"	TFH 38		TMH 38		SK HNV 38
12.5	1/2"	TFH 12		TMH 12		SK HNV 12
20	3/4"	TFH 34		TMH 34		SK HNV 34
25	1"	TFH 1		TMH 1		SK HNV 1
40	1-1/2"					SK HNV 112
50	2"					SK HNV 2

\*10 O'rings + 10 PTFE rings \*\* 5 O'rings

## Thread Filetto Anschluss Filetage



### Features



Connexion by pulling back the sleeve  
DisConnexion by pulling back the female sleeve  
Shut off by poppet valve  
Connexion under pressure not allowed  
DisConnexion under pressure not allowed  
Interchangeability US Market

### Caratteristiche



Connessione mediante arretramento ghiera parte femmina  
Disconnessione mediante arretramento ghiera parte femmina  
Sistema di tenuta mediante valvola  
Connessione in pressione non consentita  
Disconnessione in pressione non consentita  
Interchangeabilità US Market

### Merkmale



Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers  
Entkuppeln, durch Zurückziehen der Verriegelungshülse  
Verschluß durch Kegelventil  
Kuppeln unter Druck nicht erlaubt  
Entkuppeln unter Druck nicht erlaubt  
Austauschbarkeit US Market

### Caractéristiques



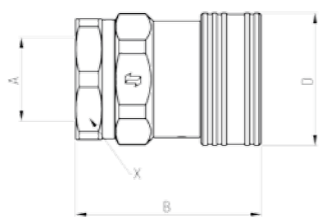
Connexion en poussant le coupleur mâle  
Déconnexion en en tirant la bague femelle  
Système d'étanchéité a clapet standard  
Connexion sous pression non autorisée  
Déconnexion sous pression non autorisée  
Interchangeabilité selon US Market

Fields of application  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
			MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	27 (3915)	22 (5.81)	110 (15950)	160 (23200)	110 (15950)
10	30 (4350)	65 (17.17)	160 (23200)	180 (26100)	120 (17400)
12.5	22 (3190)	75 (19.82)	88 (12760)	90 (4350)	88 (12760)
20	19 (2755)	170 (44.91)	76 (11020)	76 (11020)	76 (11020)
25	15 (2175)	280 (73.98)	60 (8700)	60 (8700)	60 (8700)
31.5	10 (1450)	450 (118.89)	40 (5800)	50 (7250)	50 (7250)
40	11 (1595)	450 (118.89)	45 (6525)	45 (6525)	45 (6525)
50	10 (1450)	1100 (290.62)	40 (5800)	40 (5800)	40 (5800)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2



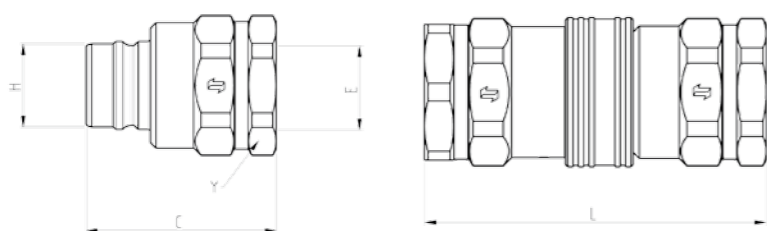
### Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	TNV 04 NPT F	1/4" NPTF Female	50 (1.97)	24 (0.94)	22 (0.87)	
10	3/8"	F	TNV 06 NPT F	3/8" NPTF Female	57 (2.24)	27 (1.06)	24 (0.94)	
12.5	1/2"	F	TNV 08 NPT F	1/2" NPTF Female	65 (2.56)	34 (1.34)	30 (1.18)	
20	3/4"	F	TNV 12 GAS F	3/4" BSP Female	64 (2.52)	42 (1.65)	36 (1.42)	
20	3/4"	F	TNV 12 NPT F	3/4" NPTF Female	64 (2.52)	42 (1.65)	36 (1.42)	
25	1"	F	TNV 16 GAS F	1" BSP Female	71 (2.80)	51 (2.01)	46 (1.81)	
25	1"	F	TNV 16 NPT F	1" NPTF Female	71 (2.80)	51 (2.01)	46 (1.81)	
31.5	1-1/4"	F	TNV 20 GAS F	1-1/4" BSP Female	97 (3.82)	56 (2.20)	50 (1.97)	
31.5	1-1/4"	F	TNV 20 NPT F	1-1/4" NPTF Female	97 (3.82)	56 (2.20)	50 (1.97)	
40	1-1/2"	F	TNV 24 GAS F	1-1/2" BSP Female	91 (3.58)	70 (2.76)	65 (2.56)	
40	1-1/2"	F	TNV 24 NPT F	1-1/2" NPTF Female	91 (3.58)	70 (2.76)	65 (2.56)	
50	2"	F	TNV 32 NPT F	2" NPTF Female	120 (4.02)	90 (3.54)	89 (3.50)	

### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis			
	PVC	Aluminum	PVC	Aluminum					
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
1/4"	0.25	TFH 18	●		TMH 18	●		SK TNV 04	1*
3/8"	0.39	--	●		--	●		SK TNV 06	1*
1/2"	0.49	TFA 38 R	●		TMA 38 R	●		SK TNV 08	1*
3/4"	0.79	TFH 12	●		TMH 12	●		SK TNV 12	1*
1"	0.98	TFH 34	●		TMH 34	●		SK TNV 16	1*
1-1/4"	1.24					●		SK TNV 20	1**
1-1/2"	1.57					●		SK TNV 24	1**
2"	1.97							SK TNV 32	1**

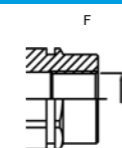
\*10 O'rings + 10 PTFE rings \*\* 5 O'rings



### Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	H	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm.	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	TNV 04 NPT M	1/4" NPTF Female	49 (1.93)	84 (3.31)	10,8 (0.43)	22 (0.87)	
10	3/8"	F	TNV 06 NPT M	3/8" NPTF Female	57 (2.24)	95 (3.74)	12,9 (0.51)	24 (0.94)	
12.5	1/2"	F	TNV 08 NPT M	1/2" NPTF Female	63 (2.48)	110 (4.33)	16 (0.63)	30 (1.18)	
20	3/4"	F	TNV 12 GAS M	3/4" BSP Female	64 (2.52)	106 (4.17)	23,3 (0.92)	36 (1.42)	
20	3/4"	F	TNV 12 NPT M	3/4" NPTF Female	64 (2.52)	106 (4.17)	23,3 (0.92)	36 (1.42)	
25	1"	F	TNV 16 GAS M	1" BSP Female	68 (2.68)	116 (4.57)	29,7 (1.17)	46 (1.81)	
25	1"	F	TNV 16 NPT M	1" NPT Female	68 (2.68)	116 (4.57)	29,7 (1.17)	46 (1.81)	
31.5	1-1/4"	F	TNV 20 GAS M	1-1/4" BSP Female	91 (3.58)	164 (6.46)	36,1 (1.42)	50 (1.97)	
31.5	1-1/4"	F	TNV 20 NPT M	1-1/4" NPTF Female	91 (3.58)	164 (6.46)	36,1 (1.42)	50 (1.97)	
40	1-1/2"	F	TNV 24 GAS M	1-1/2" BSP Female	85 (3.35)	148 (5.83)	43,5 (1.71)	65 (2.56)	
40	1-1/2"	F	TNV 24 NPT M	1-1/2" NPTF Female	85 (3.35)	148 (5.83)	43,5 (1.71)	65 (2.56)	
50	2"	F	TNV 32 NPT M	2" NPTF Female	98 (3.86)	181 (7.13)	56,8 (2.24)	89 (3.50)	

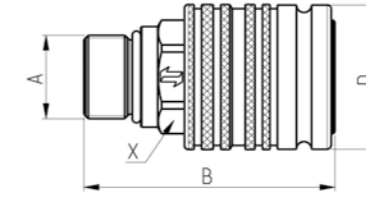
### Thread Filetto Anschluss Filetage



# CPV-CNV



# CPV-CNV



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling the male part	Disconnessione tirando la parte maschio	Push - Pull Verbindungs und Trennsystem	Déconnexion en en tirant la bague femelle
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluss durch Kegelventil	Système d'étanchéité à clapet standard
Connectable with male part (ISO A) under pressure	Innestabile con maschio (ISO A) in pressione	Stecker (ISO A) unter Druck kuppelbar	Connexion avec le mâle (ISO A) sous pression
DisConnexion under pressure not allowed. Breakaway function according to ISO 5675	Disconnessione in pressione non consentita. Funzione anti-danneggiamento a norma ISO 5675	Entkuppeln unter Druck nicht erlaubt. Losreißfunktion gem. ISO 5675	Déconnexion sous pression non autorisée. Fonction de rupture selon ISO 5675
Interchangeability according to ISO 7241-1 part A	Intercambiabilità secondo norme ISO 7241-1 parte A	Austauschbarkeit gemäß ISO 5271-1 Teil A	Interchangeabilité selon ISO 7241-1 part A

**Fields of application**  
**Settori di applicazione**  
**Anwendungsbereiche**  
**Domaines d'application**



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
		@ 0,2 MPa pressure drop			
mm inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
10 3/8"	27 (3800)	24 (6.2)	115 (16400)	130 (18600)	110 (15700)
12.5 1/2"	30 (4300)	75 (19.8)	120 (17100)	120 (17100)	120 (17100)
25 1"	22 (3150)	270 (71.4)	110 (15700)	110 (15700)	90 (12900)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrided for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
<b>Mate500®</b>	<b>Mate500®</b>	<b>Mate500®</b>	<b>Mate500®</b>
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

## Female - Femmina - Muffe - Femelle

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10 3/8"	2/	CPV062/1615 F	M16x1,5 Male 10L	62 (2.44)	33 (1.30)		24 (0.94)		
12.5 1/2"	F	PV 12 GAS F	1/2" BSP Female	66 (2.60)	38 (1.50)		27 (1.06)		
12.5 1/2"	F	PV 12 NPT F	1/2" NPT Female	66 (2.60)	38 (1.50)		27 (1.06)		
12.5 1/2"	F	CPV08 38 GAS F	3/8" BSP Female	62 (2.44)	38 (1.50)		27 (1.06)		
12.5 1/2"	F	CPV08 2215 F	M22x1,5 Female	67 (2.64)	38 (1.50)		27 (1.06)		
12.5 1/2"	0	CPV080/38GAS F	3/8"BSP Female O'Ring	63 (2.48)	38 (1.50)		27 (1.06)		
12.5 1/2"	0	CPV080/12GAS F	1/2"BSP Female O'Ring	67 (2.64)	38 (1.50)		27 (1.06)		
12.5 1/2"	0	CPV080/1815 F	M18x1.5 Female O'Ring	63 (2.48)	38 (1.50)		27 (1.06)		
12.5 1/2"	0	CPV080/2215 F	M22x1.5 Female O'Ring	67 (2.64)	38 (1.50)		27 (1.06)		
12.5 1/2"	0	CPV080/12SAE F	3/4 UNF Female	66 (2.60)	38 (1.50)		27 (1.06)		
12.5 1/2"	1/	CPV081/12SAE F	3/4 UNF Male	66 (2.60)	38 (1.50)		27 (1.06)		
12.5 1/2"	2/	CPV082/1415 F	M14x1,5 Male 8L	65 (2.56)	38 (1.50)		27 (1.06)		
12.5 1/2"	2/	CPV082/1615 F	M16x1,5 Male 10L	64 (2.52)	38 (1.50)		27 (1.06)		
12.5 1/2"	2/	CPV082/1815 F	M18x1,5 Male 12L	63 (2.48)	38 (1.50)		27 (1.06)		
12.5 1/2"	2/	CPV082/2215 F	M22x1,5 Male 15L	64 (2.52)	38 (1.50)		27 (1.06)		
12.5 1/2"	2/	CPV082/2615 F	M26x1,5 Male 18L	63 (2.48)	38 (1.50)		27 (1.06)		
12.5 1/2"	3/	CPV083/2015 F	M20x1,5 Male 12S	64 (2.52)	38 (1.50)		27 (1.06)		
12.5 1/2"	3/	CPV083/2415 F	M23x1,5 Male 16S	66 (2.60)	38 (1.50)		27 (1.06)		
12.5 1/2"	5/	CPV085/1815 F	M18x1,5 Male 12L	87 (3.42)	38 (1.50)	35 (1.38)	27 (1.06)		
12.5 1/2"	5/	CPV085/2215 F	M22x1,5 Male 15L	87 (3.42)	38 (1.50)	35 (1.38)	27 (1.06)		
12.5 1/2"	6/	CPV086/2015 F	M20x1,5 Male 12S	87 (3.42)	38 (1.50)	35 (1.38)	27 (1.06)		
12.5 1/2"	7/	CPV087/1615 F	M16x1,5 Male 10L	78 (3.07)	38 (1.50)	26 (1.02)	27 (1.06)		
12.5 1/2"	7/	CPV087/1815 F	M18x1,5 Male 12L	78 (3.07)	38 (1.50)	26 (1.02)	27 (1.06)		
12.5 1/2"	7/	CPV087/2215 F	M22x1,5 Male 15L	78 (3.07)	38 (1.50)	26 (1.02)	27 (1.06)		
12.5 1/2"	14/	CPV0814/12SAEF	3/4" - 14 UNF Male	88 (3.46)	38 (1.50)	37 (1.45)	27 (1.06)		
25 1"	F	CPV16 1GAS F	1" BSP Female	101 (3.98)	54 (2.13)	.	42 (1.65)		
25 1"	2/	CPV162/302 F	M30x2 Male 22L	101 (3.98)	54 (2.13)	.	38 (1.50)		

ISO A - ISO B - Standard Series  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Standard Series  
 ISO A - ISO B - Standard Series  
 ISO A - ISO B - Standard Series

Push Pull - Agricoltura  
 Push Pull - Agricoltura  
 Push Pull - Ausföhrung Agrartechnik  
 Push Pull - Agriculture

Screw Together  
 Innesti a Vite  
 Schraubkupplungen  
 A Visser

Screw Together  
 Innesti a Vite  
 Schraubkupplungen  
 A Visser

Check Valves  
 Valvole Unidirezionali  
 Rückschlagventile  
 Clapet Anti-retour

Check Valves  
 Valvole Unidirezionali  
 Rückschlagventile  
 Clapet Anti-retour

Diagnostic  
 Diagnostici  
 Diagnostik Kupplung  
 Diagnostique

Diagnostic  
 Diagnostici  
 Diagnostik Kupplung  
 Diagnostique

Flat Face  
 Innesti Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

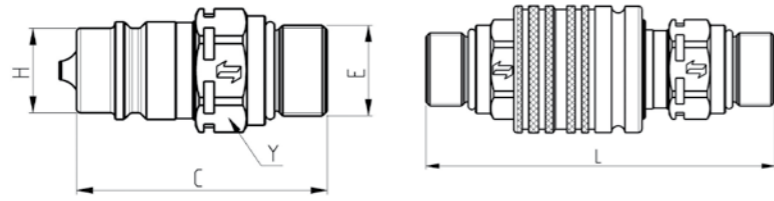
Flat Face  
 Innesti Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

Multifaster  
 Multiconnessioni  
 Multikupplungen  
 Multifaster

Multifaster  
 Multiconnessioni  
 Multikupplungen  
 Multifaster



# CPV-CNV



## Male - Maschio - Stecker - Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10	3/8"	2/ CNV062/1615 M	M16x1.5 Male 10L	55 (2.16)	17.2 (0.68)	B+C -18 (0.71)		24 (0.94)		
12.5	1/2"	F CNV08 38 GAS M	3/8" BSP Female	57 (2.24)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	0 CNV080/1815 M	M18x1.5 Female O'Ring	57 (2.24)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	0 CNV080/2215 M	M22x1.5 Female O'Ring	61 (2.40)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	2/ CNV082/1415 M	M14x1.5 Male 8L	59 (2.32)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	2/ CNV082/1615 M	M16x1.5 Male 10L	59 (2.32)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	2/ CNV082/1815 M	M18x1.5 Male 12L	57 (2.24)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	2/ CNV082/2215 M	M22x1.5 Male 15L	58 (2.28)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	2/ CNV082/2615 M	M26x1.5 Male 18L	58 (2.28)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	3/ CNV083/2015 M	M20x1.5 Male 12S	58 (2.28)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	3/ CNV083/2415 M	M24x1.5 Male 16S	60 (2.36)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	5/ CNV085/2215 M	M22x1.5 Male 15L	81 (3.19)	20.5 (0.81)	B+C -22 (0.87)	35 (1.38)	27 (1.06)		
12.5	1/2"	7/ CNV087/1615 M	M16x1.5 Male 10L	72 (2.83)	20.5 (0.81)	B+C -22 (0.87)	26 (1.02)	27 (1.06)		
12.5	1/2"	7/ CNV087/1815 M	M18x1.5 Male 12L	72 (2.83)	20.5 (0.81)	B+C -22 (0.87)	27 (1.06)	27 (1.06)		
12.5	1/2"	7/ CNV087/2215 M	M18x1.5 Male 12L	72 (2.83)	20.5 (0.81)	B+C -22 (0.87)	28 (1.10)	27 (1.06)		
12.5	1/2"	14/ CNV0814/12SAEM	3/4 UNF Male	83 (3.27)	20.5 (0.81)	B+C -22 (0.87)	37 (1.45)	27 (1.06)		
12.5	1/2"	16/ CNV0816/38GASM	3/8" BSP Male	60 (2.36)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
12.5	1/2"	16/ CNV0816/12GASM	1/2" BSP Male	60 (2.36)	20.5 (0.81)	B+C -22 (0.87)		27 (1.06)		
25	1"	F CNV16 1GAS M	1" BSP Female	72 (2.83)	37.8 (1.49)	B+C -34 (1.34)		38 (1.50)		
25	1"	2/ CNV162/302 M	M30x2 Male 22L	75 (2.95)	37.8 (1.49)	B+C -34 (1.34)		42 (1.65)		

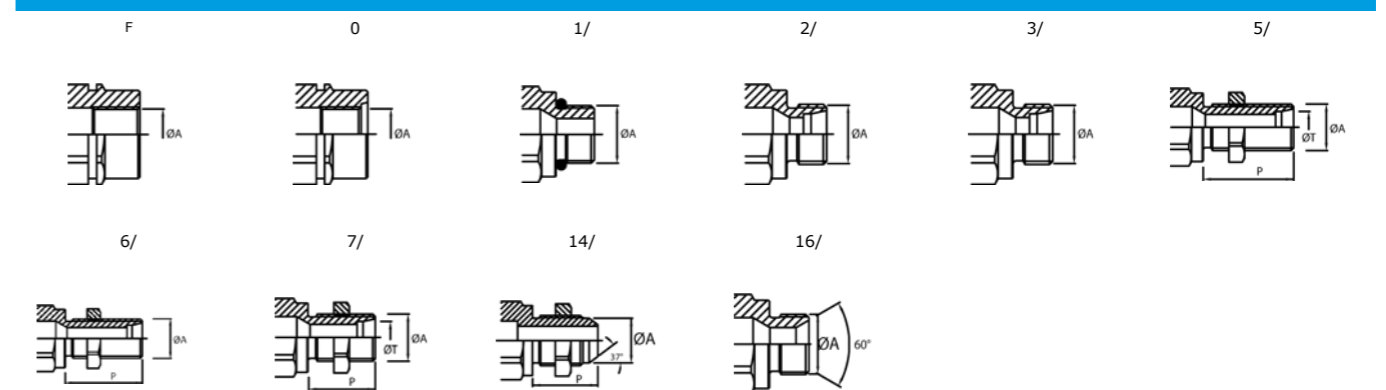
# CPV-CNV

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis				
	PVC	Aluminum	PVC	Aluminum						
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation			
10	3/8"	TFA 38			TMA 38				SK ANV 38	1*
12.5	1/2"	TF 12 G			TM 12 L/G				SK NV 12	1*
25	1"	TFA 1			TMA 1				SK ANV 1	1*

\*10 O'rings + 10 PTFE rings

## Thread Filetto Anschluss Filetage



ISO A - ISO B - Standard Series  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard

Push Pull - Agricoltura  
 Push Pull - Agriculture  
 Push Pull - Ausfuhrung Agrartechnik  
 Push Pull - Agriculture

Screw Together  
 Innesi a Vite  
 Schraubkupplungen  
 A Visser

Check Valves  
 Valvole Unidirezionali  
 Rückschlaenventile  
 Clapet Anti-retour

Diagnostic  
 Diagnostici  
 Diagnostik Kupplung  
 Diagnostik

Flat Face  
 Innesi Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

Multifaster  
 Multiconessioni  
 Multikupplungen  
 Multifaster

ISO A - ISO B - Standard Series  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Serie Standard

Push Pull - Agricoltura  
 Push Pull - Agriculture  
 Push Pull - Ausfuhrung Agrartechnik  
 Push Pull - Agriculture

Screw Together  
 Innesi a Vite  
 Schraubkupplungen  
 A Visser

Check Valves  
 Valvole Unidirezionali  
 Rückschlaenventile  
 Clapet Anti-retour

Diagnostic  
 Diagnostici  
 Diagnostik Kupplung  
 Diagnostik

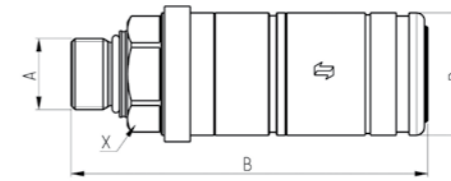
Flat Face  
 Innesi Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

Multifaster  
 Multiconessioni  
 Multikupplungen  
 Multifaster

# 3CFPV



# 3CFPV



Features	Caratteristiche	Merkmale	Caractéristiques
<p>Connexion by pushing the male coupling</p> <p>DisConnexion by pulling the male part</p> <p>Shut off by poppet valve</p> <p>Connectable with male part (ISO A) under pressure</p> <p>DisConnexion under pressure only as breakaway</p> <p>Interchangeability according to ISO 7241-1 part A</p>	<p>Connessione spingendo la parte maschio</p> <p>Disconnessione tirando la parte maschio part</p> <p>Sistema di tenuta mediante valvola a funghetto</p> <p>Innestabile con maschio (ISO A) in pressione</p> <p>Disconnessione in pressione solo come manovra di emergenza</p> <p>Intercambiabilità secondo norme ISO 7241-1 parte A</p>	<p>Kuppeln durch Einstecken des Kupplungssteckers</p> <p>Push - Pull Verbindungs-und Trennsystem</p> <p>Verschluss durch Kegelventil</p> <p>Stecker (ISO A) unter Druck kuppelbar</p> <p>Muffe und Stecker nur im Notfall unter Druck entkuppelbar</p> <p>Austauschbarkeit gemäß ISO 7241-1 Teil A</p>	<p>Connexion en poussant le coupleur mâle</p> <p>Déconnexion en tirant la bague femelle</p> <p>Système d'étanchéité à clapet standard</p> <p>Connexion avec le mâle (ISO A) sous pression</p> <p>Déconnexion sous pression uniquement en cas d'urgence</p> <p>Interchangeabilité selon ISO 7241-1 part A</p>

**Fields of application**  
**Settori di applicazione**  
**Anwendungsbereiche**  
**Domaines d'application**



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0,2 MPa pressure drop			
mm inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
12.5 1/2"	25 (3625)	68 (18)	120 (17400)	100 (14500)	105 (15250)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
<p>High grade carbon steel tempered or carbonitrided for specific stressed area</p> <p>Polyurethane and NBR Backup ring in PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p><b>Mate500</b></p> <p>According to ISO 7241-2</p>	<p>Acciaio ad alto tenore di carbonio con parti sollecitate a induzione</p> <p>Poliuretano e NBR Anello antiestrusione PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p><b>Mate500</b></p> <p>Secondo la norma ISO 7241-2</p>	<p>High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone</p> <p>Polyurethan und NBR Stützring in PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p><b>Mate500</b></p> <p>Nach ISO 7241-2</p>	<p>Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées</p> <p>Polyuréthane et NBR Anneau anti-extrusion en PTFE</p> <p>-25°C à +125°C (-13°F à +257°F)</p> <p><b>Mate500</b></p> <p>Selon la norme ISO 7241-2</p>

## Female – Femmina – Muffe – Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Designation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packagingseinheit Colis
mm inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
12.5 1/2"	F	3CFPV 12 GAS F	1/2" BSP Female	107.3 (4.22)	38 (1.50)		27 (1.06)		10
12.5 1/2"	F	3CFPV 12 NPT F	1/2" NPTF Female	107.3 (4.22)	38 (1.50)		27 (1.06)		10
12.5 1/2"	F	3CFPV 34 UNF F	3/4" UNF Female ORB	107.3 (4.22)	38 (1.50)		27 (1.06)		10
12.5 1/2"	1/	3CFPV 1/2215 F	M22x1,5 Male 12S	110.8 (4.36)	38 (1.50)		32 (1.26)		10
12.5 1/2"	1/	3CFPV1/78 UNF F	7/8" UNF Male ORB	113.7 (4.48)	38 (1.50)		32 (1.26)		10
12.5 1/2"	7/	3CFPV 7/2215 F	M22x1,5 Male 12L	123.5 (4.86)	38 (1.50)	28 (1.10)	32 (1.26)		10
12.5 1/2"	14/	3CFPV14/34 UNF F	3/4" UNF Male ORB	124.8 (4.91)	38 (1.50)	37 (1.46)	32 (1.26)		10
12.5 1/2"	14/	3CFPV14/78 UNF F	7/8" UNF Male ORB	128.8 (5.07)	38 (1.50)	40 (1.57)	32 (1.26)		10
12.5 1/2"	21/	3CFPV21/2215 F	M22x1,5 Male	110.3 (4.34)	38 (1.50)		32 (1.26)		10



## Male – Maschio – Stecker – Male : Pag. 14

# 3CFPV

# 4SRPV



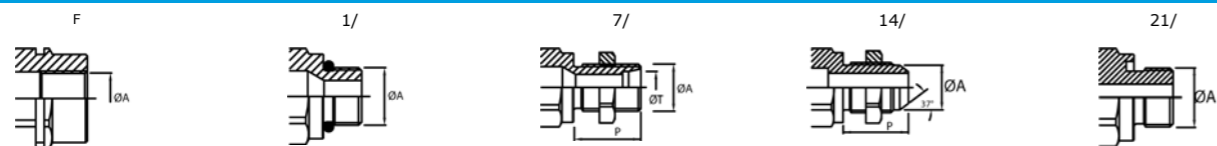
## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungseinheit Colis
	NYLON		PVC			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	N/A
12.5	1/2"	TA 12		TM 12 L		
		TA 12 G		TM 12 L/G		
		TA 12 R		TM 12 L/R		
		TA 12 N		TM 12 L/N		
		TAID 12 N				

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Oil Collection System Raccogli Olio Staubkappe mit Ölsammelvorrichtung Système de collecte d'huile		Colour identification clips Clips identificative colorate Markierungsclip Farbe Clips identificateurs			
	NYLON		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
12.5	1/2"		ID B +		ID B -	
			TARV 2 61		ID G +	
			TARV 2 6145		ID R +	
					ID V +	
					ID N +	
					ID BI +	
					ID BI -	

### Thread Filetto Anschluss Filetage



### Features

- Connexion by pushing the male coupling
- DisConnexion by pulling the male part
- Shut off by poppet valve
- Connectable with male and female under pressure - one step Connexion
- Breakaway function according to ISO 5675 specifications
- Interchangeability according to ISO 7241-1 part A



### Caratteristiche

- Connessione spingendo la parte maschio
- Disconnessione tirando la parte maschio
- Sistema di tenuta mediante valvola
- Innestabile con maschio e femmina in pressione - con manovra unica
- Funzione " Breakaway " secondo le norme ISO 5675
- Intercambiabilità secondo norme ISO 7241-1 parte A



### Merkmale

- Kuppeln durch Einstecken des Kupplungssteckers
- Push - Pull Verbindungs-und Trennsystem
- Verschluss durch Kegelventil
- Muffe und Stecker unter Druck kuppelbar - directes Kuppeln
- Abreißfunktion gemäß ISO 5675 Standard
- Austauschbarkeit gemäß ISO 7241-1 Teil A



### Caractéristiques

- Connexion en poussant le coupleur mâle
- Déconnexion en tirant la bague femelle
- Système d'étanchéité à clapet standard
- Connexion avec mâle et femelle sous pression - une seul étape
- Fonction " Breakaway " selon les normes ISO 5675
- Interchangeabilité selon ISO 7241-1 part A



Fields of application  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
12.5	25 (3625)	70 (18.5)	120 (17400)	100 (14500)	100 (14500)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
 High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
 Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
 -25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)
 Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausführung Agritechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

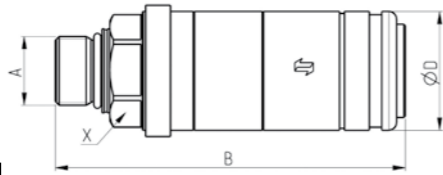
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Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

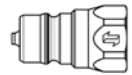
Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

# 4SRPV



## Female - Femmina - Muffe - Femel

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
12.5	1/2"	F	4SRPV 12 GAS F	1/2" BSP Female	107.3 (4.22)	38 (1.50)		27 (1.06)	10
12.5	1/2"	F	4SRPV 12 NPT F	1/2" NPTF Female	107.3 (4.22)	38 (1.50)		27 (1.06)	10
12.5	1/2"	1/	4SRPV 1/2215 F U	M22x1,5 Male 12S	110.8 (4.36)	38 (1.50)		32 (1.26)	10
12.5	1/2"	1/	4SRPV081/58SFH	7/8" UNF Male ORB	113.7 (4.48)	38 (1.50)		32 (1.26)	10
12.5	1/2"	4/	4SRPV4/12GAS F	1/2" BSP Male	130.8 (5.15)	38 (1.50)	34 (1.34)	32 (1.26)	10
12.5	1/2"	7/	4SRPV 7/2215 F	M22x1,5 Male 12L	123.5 (4.86)	38 (1.50)	28 (1.10)	32 (1.26)	10
12.5	1/2"	14/	4SRPV0814/58SFH	7/8" UNF Male ORB	128.8 (5.07)	38 (1.50)	40 (1.57)	32 (1.26)	10
12.5	1/2"	21/	4SRPV21/2215 F	M22x1,5 Male	110.3 (4.34)	38 (1.50)		32 (1.26)	10
12.5	1/2"	22/	4SRPV22/38GASF	3/8" BSP Male	110.3 (4.34)	38 (1.50)		32 (1.26)	10



## Male - Maschio - Stecker - Male : Pag. 14

# 4SRPV

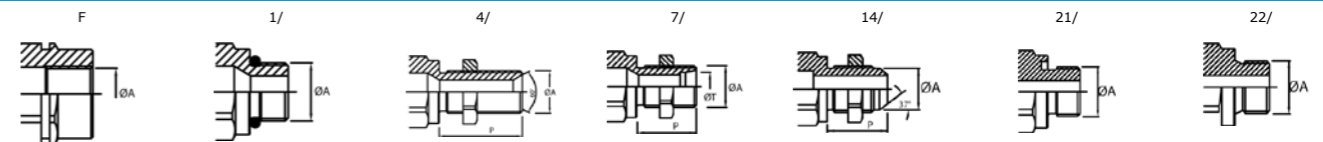
## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungseinheit Colis
	NYLON		PVC			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	
12.5	1/2"	TA 12		TM 12 L		N/A
		TA 12 G		TM 12 L/G		
		TA 12 R		TM 12 L/R		
		TA 12 N		TM 12 L/N		
		TAID 12 N				

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Oil Collection System Raccogli Oli Staubkappe mit Ölsammelvorrichtung Système de collecte d'huile		Colour identification clips Clips identificative colorate Markierungsclip Farbe Clips identificateurs				
	NYLON		Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	
12.5	1/2"			ID B +		ID B -	
		TARV 2 61		ID G +		ID G -	
		TARV 2 6145		ID R +		ID R -	
				ID V +		ID V -	
				ID N +		ID N -	
				ID BI +		ID BI -	

## Thread Filetto Anschluss Filetage



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agritechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

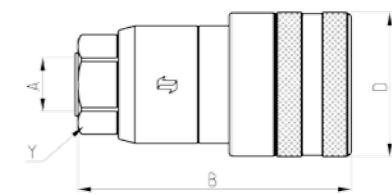
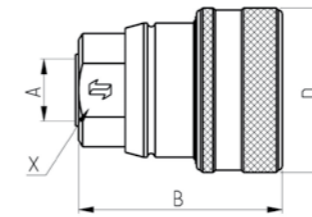
Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

# VF VFB



# VF VFB



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en en tirant la bague femelle
Shut off by flat valve	Sistema di tenuta mediante valvola piana	Verschluss durch flachdichtendes Ventil	Clapet à Face Plate
Connexion under pressure not allowed	Connessione in pressione non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 5676	Intercambiabilità secondo norme ISO 5676	Austauschbarkeit gemäß ISO 5676 Standard	Interchangeabilité selon ISO 5676
No spillage during Connexion and disConnexion	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage während des Kuppeln und Entkuppelvorgangs	Pas fuites lors de la connexion et la déconnexion

**Fields of application**  
**Settori di applicazione**  
**Anwendungsbereiche**  
**Domaines d'application**

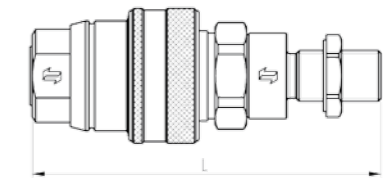
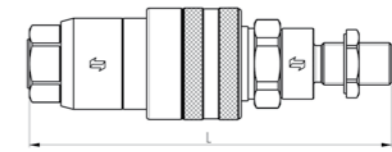
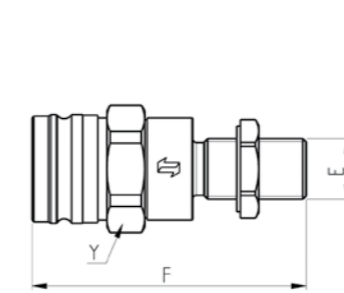


Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
<b>VF</b>		@ 0,2 MPa pressure drop			
mm inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
10 3/8"	22 (3175)	40 (10.5)	110 (24200)	90 (13050)	90 (13050)
<b>VFB</b>		@ 0,2 MPa pressure drop			
mm inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
10 3/8"	25 (3625)	50 (13.2)	100 (14500)	100 (14500)	100 (14500)

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
<p>FEMALE: high grade steel carbonitrided wearing parts.            MALE: high grade carbon steel induction hardened</p>	<p>FEMMINA: in acciaio con parti sollecitate carbonitrate.            MASCHIO: in acciaio al carbonio temprato ad induzione</p>	<p>MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen.            STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet</p>	<p>FEMELLE: Acier avec le zones d'usure carbonitridées.            MALE: acier à haute teneur trempés par induction</p>
<p>NBR Backup ring in PTFE</p>	<p>NBR Anello antiestrusione PTFE</p>	<p>NBR Stützring in PTFE</p>	<p>NBR Anneau anti-extrusion en PTFE</p>
<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>
<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>
<p>According to ISO 7241-2</p>	<p>Secondo la norma ISO 7241-2</p>	<p>Nach ISO 7241-2</p>	<p>Selon la norme ISO 7241-2</p>

### Female – Femmina – Muffe – Femelle:

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X / Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10 3/8"	F	VF 38 GAS F	3/8" BSP Female	55 (2.16)	44 (1.73)		27 (1.06)		15
10 3/8"	F	VF 1815 F	M18x1.5 Female	55 (2.16)	44 (1.73)		27 (1.06)		15
10 3/8"	O	VF 0/12 GAS F	3/8" BSP Female O'Ring	59 (2.32)	44 (1.73)		27 (1.06)		15
10 3/8"	F	VFB 38 GAS F	3/8" BSP Female	84 (3.31)	44 (1.73)		27 (1.06)		15
10 3/8"	F	VFB 12 GAS F	1/2" BSP Female	84 (3.31)	44 (1.73)		27 (1.06)		15
10 3/8"	F	VFB 1815 F	M18x1,5 Female	84 (3.31)	44 (1.73)		27 (1.06)		15



### Male – Maschio – Stecker – Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm inch.			mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10 3/8"	1/	VF 1/12 GAS M	1/2" BSP Male	59 (2.32)	B+C -22 (0.87)		32 (1.06)		25
10 3/8"	5/	VF 5/2215 M	M22x1.5 Male 15L	59 (2.32)	B+C -22 (0.87)	35 (1.38)	32 (1.06)		25
10 3/8"	7/	VF 7/1815 M	M18x1.5 Male 12L	52 (2.05)	B+C -22 (0.87)	26 (1.02)	32 (1.06)		25
10 3/8"	8/	VF 8/2015 M	M20x1.5 Male 12S	54 (2.13)	B+C -22 (0.87)	35 (1.38)	32 (1.06)		25
10 3/8"	9/	VF 9/1615 M	M16x1.5 Male 10L	54 (2.13)	B+C -22 (0.87)		32 (1.06)		25
10 3/8"	9/	VF 9/1815 M	M18x1.5 Male 12L	54 (2.13)	B+C -22 (0.87)		32 (1.06)		25

ISO A - ISO B - Standard Series  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Standard Series  
 ISO A - ISO B - Standard Series

Push Pull - Agriculture  
 Push Pull - Agricoltura  
 Push Pull - Ausföhrung Agrartechnik  
 Push Pull - Agriculture

Screw Together  
 Innesti a Vite  
 Schraubkupplungen  
 A Visser

Check Valves  
 Valvole Unidirezionali  
 Rückschläventile  
 Clapet Anti-retour

Diagnostic  
 Diagnostici  
 Diagnostik Kupplung  
 Diagnostik

Flat Face  
 Innesti Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

Multifaster  
 Multiconessioni  
 Multikupplungen  
 Multifaster

# VF VFB



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints		Package Confezione Packungseinheit Colis	
		Aluminum		PVC					
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur				
10	3/8"			TFVF					

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

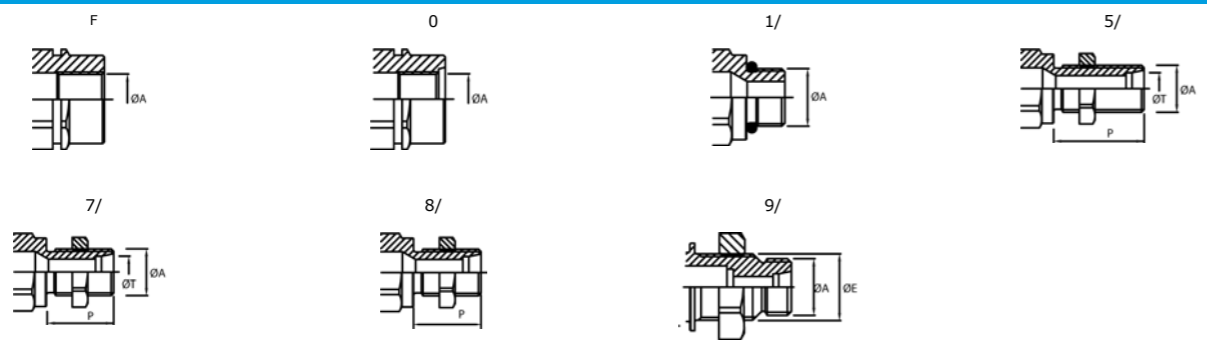
Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

## Thread Filetto Anschluss Filetage



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité a clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
DisConnexion under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability German Market	Intercambiabilità mercato Tedesco	Austauschbarkeit deutschen Markt	Interchangeabilité marché Allemand

## Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service		Flow Rate Portata Durchsatz Débit		Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
				@ 0,2 MPa pressure drop				
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)	
6.3	1/4"	50 (7500)		13 (3.3)	150 (22500)	160 (24000)	170 (24200)	
10	3/8"	40 (5700)		25 (6.5)	120 (17100)	130 (18600)	170 (24200)	
12.5	1/2"	40 (5700)		75 (19.8)	120 (17100)	140 (20000)	140 (20000)	
20	3/4"	35 (5000)		135 (35.2)	110 (15700)	120 (17100)	140 (20000)	
25	1"	35 (5000)		250 (66.1)	110 (15700)	130 (18600)	140 (20000)	
40	1 1/2"	35 (5000)		450 (119)	110 (15700)	110 (15700)	110 (15700)	

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrided for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

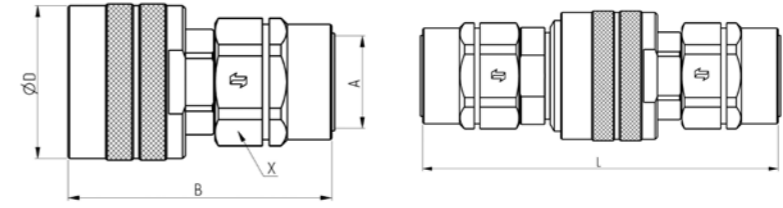
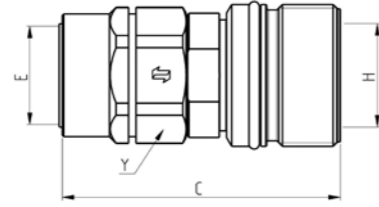
Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster



**Female – Femmina – Muffe – Femelle**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Designation	E	C	H	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
6.3	1/4"	F	CVV04 14 GAS F	1/4" BSP Female	64 (2.52)	13.1 (0.52)		19 (0.75)	
6.3	1/4"	2/	CVV042/1415 F	M14x1,5 Male 8L	59 (2.33)	13.1 (0.52)		19 (0.75)	
6.3	1/4"	7/	CVV047/1415 F	M14x1,5 Male 8L	75 (2.96)	13.1 (0.52)	26 (1.02)	19 (0.75)	
10	3/8"	F	CVV06 38 GAS F	3/8" BSP Female	71 (2.80)	17.6 (0.69)		24 (0.94)	
10	3/8"	2/	CVV062/1615 F	M16x1,5 Male 10L	68 (2.68)	17.6 (0.69)		24 (0.94)	
12.5	1/2"	F	CVV08 38 GAS FV	3/8"BSP Female	58 (2.28)	22 (0.87)		27 (1.06)	
12.5	1/2"	F	CVV08 12 GAS FV	1/2"BSP Female	62 (2.44)	22 (0.87)		27 (1.06)	
12.5	1/2"	0/	CVV080/12GAS FV	1/2"BSP Female O'Ring	62 (2.44)	22 (0.87)		27 (1.06)	
12.5	1/2"	2/	CVV082/1815 FV	M18x1,5 Male 12L	58 (2.28)	22 (0.87)		27 (1.06)	
12.5	1/2"	2/	CVV082/2215 FV	M22x1,5 Male 15L	59 (2.33)	22 (0.87)		27 (1.06)	
12.5	1/2"	5/	CVV085/1815 FV	M18x1,5 Male 12L	82 (3.23)	22 (0.87)	35 (1.38)	27 (1.06)	
12.5	1/2"	5/	CVV085/2215 FV	M22x1,5 Male 15L	82 (3.23)	22 (0.87)	35 (1.38)	27 (1.06)	
12.5	1/2"	7/	CVV087/1815 FV	M18x1,5 Male 12L	73 (2.87)	22 (0.87)	26 (1.02)	27 (1.06)	
12.5	1/2"	7/	CVV087/2215 FV	M22x1,5 Male 15L	73 (2.87)	22 (0.87)	26 (1.02)	27 (1.06)	
20	3/4"	F	CVV12 34GAS FV	3/4" BSP Female	83 (3.27)	28.1 (1.11)		38 (1.50)	
25	1"	F	CVV16 34 GAS FV	3/4" BSP Female	90 (3.54)	35 (1.38)		38 (1.50)	
25	1"	F	CVV16 1GAS FV	1" BSP Female	95 (3.74)	35 (1.38)		42 (1.65)	
25	1"	0	CVV160/1GAS FV	1"BSP Female O'Ring	93 (3.66)	35 (1.38)		42 (1.65)	
25	1"	2/	CVV162/302 F V	M30x2 Male 22L	89 (3.50)	35 (1.38)		38 (1.50)	
25	1"	3/	CVV163/362 F V	M36x2 Male 25S	93 (3.66)	35 (1.38)		38 (1.50)	
25	1"	3/	CVV163/422 F V	M42x2 Male 30S	90 (3.54)	35 (1.38)		46 (1.81)	
25	1"	5/	CVV165/302 F V	M30x2 Male 22L	109 (4.29)	35 (1.38)	34 (1.34)	41 (1.61)	
25	1"	6/	CVV166/362 F V	M36x2 Male 25S	113 (4.45)	35 (1.38)	38 (1.50)	42 (1.65)	
25	1"	6/	CVV166/422 F V	M42x2 Male 30S	110 (4.33)	35 (1.38)	40 (1.57)	50 (1.97)	
40	1 1/2"	F	CVV24 112GAS FV	1 1/2" BSP Female	121 (4.76)	54 (2.13)		65 (2.56)	
40	1 1/2"	3/	CVV243/422 F V	M42x2 Male 30S	115 (4.53)	54 (2.13)		55 (2.17)	
40	1 1/2"	3/	CVV243/522 F V	M42x2 Male 38S	117 (4.61)	54 (2.13)		55 (2.17)	
40	1 1/2"	6/	CVV246/422 F V	M42x2 Male 30S	135 (5.31)	54 (2.13)	40 (1.57)	55 (2.17)	

**Male – Maschio – Stecker – Male**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Designation	A	B	D	L	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
6.3	1/4"	F	CVV04 14 GAS M	1/4" BSP Female	64 (2.52)	30 (1.18)	B+C -27 (1.06)	19 (0.75)		
6.3	1/4"	2/	CVV042/1415 M	M14x1,5 Male 8L	59 (2.33)	30 (1.18)	B+C -27 (1.06)	19 (0.75)		
10	3/8"	F	CVV06 38 GAS M	3/8" BSP Female	71 (2.80)	34 (1.34)	B+C -28 (1.10)	24 (0.94)		
10	3/8"	2/	CVV062/1615 M	M16x1,5 Male 10L	68 (2.68)	34 (1.34)	B+C -28 (1.10)	24 (0.94)		
12.5	1/2"	F	CVV08 38 GAS MV	3/8"BSP Female	64 (2.52)	42 (1.65)	B+C -26 (1.02)	27 (1.06)		
12.5	1/2"	F	CVV08 12 GAS MV	1/2"BSP Female	68 (2.68)	42 (1.65)	B+C -26 (1.02)	27 (1.06)		
12.5	1/2"	0/	CVV080/12GAS MV	1/2"BSP Female O'Ring	68 (2.68)	42 (1.65)	B+C -26 (1.02)	27 (1.06)		
12.5	1/2"	2/	CVV082/1815 MV	M18x1,5 Male 12L	64 (2.52)	42 (1.65)	B+C -26 (1.02)	27 (1.06)		
12.5	1/2"	2/	CVV082/2215 MV	M22x1,5 Male 15L	65 (2.56)	42 (1.65)	B+C -26 (1.02)	27 (1.06)		
12.5	1/2"	5/	CVV085/1815 MV	M18x1,5 Male 12L	88 (3.46)	42 (1.65)	B+C -26 (1.02)	35 (1.38)	27 (1.06)	
12.5	1/2"	5/	CVV085/2215 MV	M22x1,5 Male 15L	88 (3.46)	42 (1.65)	B+C -26 (1.02)	35 (1.38)	27 (1.06)	
12.5	1/2"	7/	CVV087/1815 MV	M18x1,5 Male 12L	79 (3.11)	42 (1.65)	B+C -26 (1.02)	26 (1.02)	27 (1.06)	
12.5	1/2"	7/	CVV087/2215 MV	M22x1,5 Male 15L	79 (3.11)	42 (1.65)	B+C -26 (1.02)	26 (1.02)	27 (1.06)	
20	3/4"	F	CVV12 34GAS MV	3/4" BSP Female	85 (3.35)	48 (1.89)	B+C -31 (1.22)	38 (1.50)		
25	1"	F	CVV16 34 GAS MV	3/4" BSP Female	90 (3.54)	56 (2.20)	B+C -34 (1.34)	38 (1.50)		
25	1"	F	CVV16 1GAS MV	1" BSP Female	95 (3.74)	56 (2.20)	B+C -34 (1.34)	42 (1.65)		
25	1"	0/	CVV160/1GAS MV	1"BSP Female O'Ring	93 (3.66)	56 (2.20)	B+C -34 (1.34)	42 (1.65)		
25	1"	2/	CVV162/302 M V	M30x2 Male 22L	89 (3.50)	56 (2.20)	B+C -34 (1.34)	38 (1.50)		
25	1"	3/	CVV163/362 M V	M36x2 Male 25S	93 (3.66)	56 (2.20)	B+C -34 (1.34)	38 (1.50)		
25	1"	3/	CVV163/422 M V	M42x2 Male 30S	90 (3.54)	56 (2.20)	B+C -34 (1.34)	46 (1.81)		
25	1"	5/	CVV165/302 M V	M30x2 Male 22L	109 (4.29)	56 (2.20)	B+C -34 (1.34)	34 (1.34)	41 (1.61)	
25	1"	6/	CVV166/362 M V	M36x2 Male 25S	113 (4.45)	56 (2.20)	B+C -34 (1.34)	38 (1.50)	42 (1.65)	
25	1"	6/	CVV166/422 M V	M42x2 Male 30S	110 (4.33)	56 (2.20)	B+C -34 (1.34)	40 (1.57)	50 (1.97)	
40	1 1/2"	F	CVV24 112GAS MV	1 1/2" BSP Female	131 (5.16)	80 (3.15)	B+C -49 (1.93)	65 (2.56)		
40	1 1/2"	3/	CVV243/422 M V	M42x2 Male 30S	125 (4.92)	80 (3.15)	B+C -49 (1.93)	55 (2.17)		
40	1 1/2"	3/	CVV243/522 M V	M42x2 Male 38S	127 (5.00)	80 (3.15)	B+C -49 (1.93)	55 (2.17)		
40	1 1/2"	6/	CVV246/422 M V	M42x2 Male 30S	145 (5.71)	80 (3.15)	B+C -49 (1.93)	40 (1.57)	55 (2.17)	

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlaiventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
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Diagnostic  
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Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

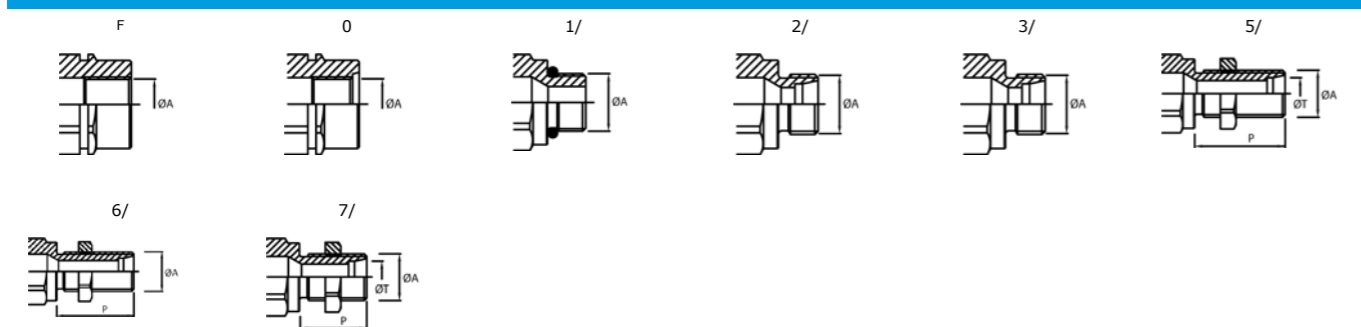
Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis	
	PVC	Aluminum	PVC	Aluminum			
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	
6.3	1/4"	TMVV 04		TFVV 04		SK CVV 04	1*
10	3/8"	TMVV 06		TFVV 06		SK CVV 06	1*
12.5	1/2"	TMVV 08		TFVV 08		SK CVV 08 V	1*
20	3/4"	TMVV 12		TFVV 12		SK CVV 12 V	1*
25	1"	TMVV 16		TFVV 16		SK CVV 16 V	1*
40	1 1/2"	TMVV 24		TFVV 24		SK CVV 24 V	1**

\*10 O'rings + 10 PTFE rings (V Viton) \*\* 5 O'rings

## Thread Filetto Anschluss Filetage



### Features

- Connexion by screwing together the two parts
- DisConnexion by unscrewing the two parts
- Shut off by poppet valve
- Connectable under residual pressure
- DisConnexion under residual pressure
- Interchangeability according to Faster internal Standards



### Caratteristiche

- Connessione avvitando maschio e femmina
- Disconnessione svitando maschio e femmina
- Sistema di tenuta mediante valvola a funghetto
- Innestabile con pressione residua
- Disconnessione con pressione residua
- Intercambiabilità secondo Norma interna Faster



### Merkmale

- Verbindung durch Verschrauben der beiden Teile
- Entkuppeln durch Abschrauben
- Verschluß durch Kegelventil
- Kuppelbar unter Restdruck
- Entkuppelbar unter Restdruck
- Austauschbarkeit Faster internen Standard



### Caractéristiques

- Connexion en dévissant les deux parties
- Déconnexion en dévissant les deux parties
- Système d'étanchéité à clapet standard
- Connectable sous pression résiduelle
- Déconnexion avec une pression résiduelle
- Interchangeabilité conformément à la norme interne Faster



### Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application

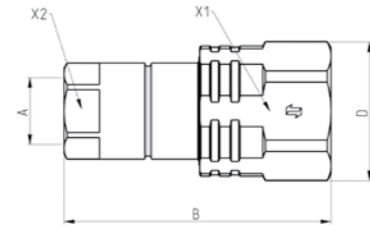


Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
			MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	35 (5000)	18 (4.8)	170 (24700)	140 (20000)	150 (21800)
10	30 (4350)	30 (7.9)	120 (17400)	120 (17400)	150 (21800)
12.5	30 (4350)	45 (12)	130 (18900)	120 (17100)	160 (23000)
20	25 (3600)	90 (24)	100 (14500)	100 (14500)	120 (17400)
25	23 (3300)	140 (37)	100 (14500)	90 (13000)	100 (14500)

## Technical Specifications Specifiche Tecniche Technischen Daten Caractéristiques Techniques

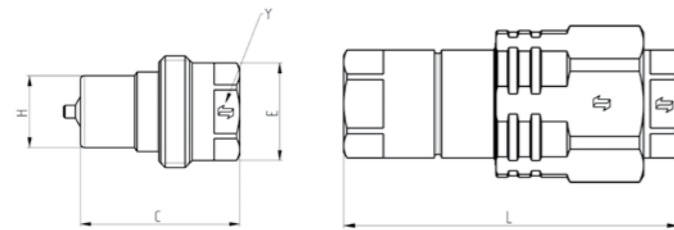
	High grade carbon steel tempered or carbonitrided for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
	NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
	Mate500®	Mate500®	Mate500®	Mate500®
	According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2





**Female - Femmina - Muffe - Femelle**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X1	X2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	VV 14 GAS F	1/4" BSP Female	59.7 (2.35)	30 (1.18)	27 (1.06)	19 (0.75)	
6.3	1/4"	F	VV 14 NPT F	1/4" NPT Female	59.7 (2.35)	30 (1.18)	22 (0.87)	19 (0.75)	
10	3/8"	F	VV 38 GAS F	3/8" BSP Female	71.9 (2.83)	38 (1.50)	34 (1.34)	24 (0.94)	
10	3/8"	F	VV 38 NPT F	3/8" NPT Female	71.9 (2.83)	38 (1.50)	34 (1.34)	24 (0.94)	
12.5	1/2"	F	VV 12 GAS F	1/2" BSP Female	78.7 (3.10)	42 (1.65)	38 (1.50)	27 (1.06)	
12.5	1/2"	F	VV 12 NPT F	1/2" NPT Female	78.7 (3.10)	42 (1.65)	38 (1.50)	27 (1.06)	
20	3/4"	F	VV 34 GAS F	3/4" BSP Female	105.6 (4.16)	55 (2.17)	50 (1.97)	34 (1.34)	
20	3/4"	F	VV 34 NPT F	3/4" NPT Female	105.6 (4.16)	55 (2.17)	50 (1.97)	34 (1.34)	
25	1"	F	VV 1 GAS F	1" BSP Female	124 (4.88)	61 (2.42)	55 (2.17)	41 (1.61)	
25	1"	F	VV 1 NPT F	1" NPT Female	124 (4.88)	61 (2.42)	55 (2.17)	41 (1.61)	



**Male - Maschio - Stecker - Male**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	VV 14 GAS M	1/4" BSP Female	33 (1.30)	14.1 (0.56)	B+C-10(0.39)	19 (0.75)		
6.3	1/4"	F	VV 14 NPT M	1/4" NPT Female		14.1 (0.56)		19 (0.75)		
10	3/8"	F	VV 38 GAS M	3/8" BSP Female	41 (1.61)	18.9 (0.74)	B+C-12(0.49)	24 (0.94)		
10	3/8"	F	VV 38 NPT M	3/8" NPT Female		18.9 (0.74)		24 (0.94)		
12.5	1/2"	F	VV 12 GAS M	1/2" BSP Female	49 (1.93)	20.5 (0.81)	B+C-13(0.50)	27 (1.06)		
12.5	1/2"	F	VV 12 NPT M	1/2" NPT Female		20.5 (0.81)		27 (1.06)		
20	3/4"	F	VV 34 GAS M	3/4" BSP Female	62 (2.44)	27.9 (1.10)	B+C-22(0.85)	34 (1.34)		
20	3/4"	F	VV 34 NPT M	3/4" NPT Female		27.9 (1.10)		34 (1.34)		
25	1"	F	VV 1 GAS M	1" BSP Female	70 (2.75)	31.3 (1.23)	B+C-24(0.96)	41 (1.61)		
25	1"	F	VV 1 NPT M	1" NPT Female		31.3 (1.23)		41 (1.61)		

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

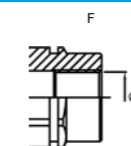


**Accessories - Accessori - Zubehör - Accessoires**

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis			
	PVC	Aluminum	PVC	Aluminum					
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation			
6.3	1/4"			TMV 14 S		TFV 14 S			
10	3/8"	TMVM 38 SR	●	TMV 38 S	TFVM 38 SR	●	TFV 38 S	SK NV 38	1*
12.5	1/2"	TMVM 12 SR	●	TMV 12 S	TFVM 12 SR	●	TFV 12 S	SK NV 12	1*
20	3/4"			TMV 34 S			TFV 34 S	SK NV 34	1*
25	1"			TMV 1 S			TFV 1 S	SK NV 1	1*

\*10 O'rings + 10 PTFE rings

**Thread Filetto Anschluss Filetage**



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agricoltura  
Push Pull - Agricolture  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

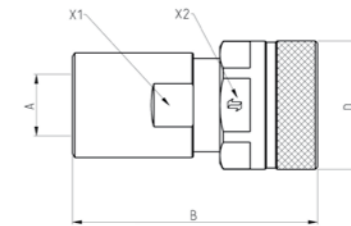
Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agrartechnik  
Push Pull - Agricultrice

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluß durch Kegelventil	Système d'étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
DisConnexion under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability according to FASTER internal Standards	Intercambiabilità secondo Norma interna FASTER	Austauschbarkeit FASTER internen Standard	Interchangeabilité conformément à la norme interne FASTER

**Fields of application**  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application

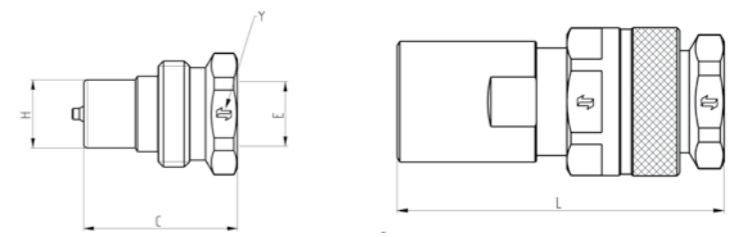


Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement			
			@ 0,2 MPa pressure drop			
mm	inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	80 (11600)	8 (2.1)	240 (34800)	240 (34800)	250 (36300)
10	3/8"	80 (11600)	18 (4.7)	350 (50000)	340 (49300)	240 (34800)
12.5	1/2"	73 (10600)	40 (10.6)	220 (31900)	220 (31900)	220 (31900)
20	3/4"	73 (10600)	55 (14.7)	220 (31900)	230 (33400)	230 (33400)
25	1"	63 (9150)	100 (26)	240 (34800)	190 (27600)	190 (27600)
32	1 1/4"	60 (8700)	140 (37)	180 (26100)	180 (26100)	200 (29000)
40	1 1/2"	40 (5800)	300 (79)	150 (21800)	120 (17100)	150 (21800)
50	2"	35 (5000)	1000 (264)	130 (18600)	130 (18600)	105 (15250)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)
Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

### Female - Femmina - Muffe - Femelle

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F VVS 14 GAS F	1/4" BSP Female	68 (2.68)	30 (1.18)		22 (0.87)		
6.3	1/4"	F VVS 14 NPT F	1/4" NPT Female	68 (2.68)	30 (1.18)		22 (0.87)		
10	3/8"	F VVS 38 GAS F	3/8" BSP Female	76 (2.99)	40 (1.57)		30 (1.18)		
10	3/8"	F VVS 38 NPT F	3/8" NPT Female	76 (2.99)	40 (1.57)		30 (1.18)		
12.5	1/2"	F VVS 12 GAS F	1/2" BSP Female	87 (3.43)	45 (1.77)		34 (1.34)		
12.5	1/2"	F VVS 12 NPT F	1/2" NPT Female	87 (3.43)	45 (1.77)		34 (1.34)		
20	3/4"	F VVS 34 GAS F	3/4" BSP Female	106 (4.17)	55 (2.17)		41 (1.61)		
20	3/4"	F VVS 34 NPT F	3/4" NPT Female	106 (4.17)	55 (2.17)		41 (1.61)		
25	1"	F VVS 1 GAS F	1" BSP Female	124 (4.88)	60 (2.36)		50 (1.97)		
25	1"	F VVS 1 NPT F	1" NPT Female	124 (4.88)	60 (2.36)		50 (1.97)		
32	1 1/4"	F VVS114 GAS F	1 1/4" BSP Female	153 (6.02)	80 (3.15)		65 (2.56)		
32	1 1/4"	F VVS114 NPT F	1 1/4" NPT Female	153 (6.02)	80 (3.15)		65 (2.56)		
40	1 1/2"	F VVS112 GAS F	1 1/2" BSP Female	172 (6.77)	98 (3.86)		75 (2.95)		
40	1 1/2"	F VVS112 NPT F	1 1/2" NPT Female	172 (6.77)	98 (3.86)		75 (2.95)		
50	2"	F VVS 2 GAS F	2" BSP Female	207 (8.15)	129 (5.08)		100 (3.94)		
50	2"	F VVS 2 NPT F	2" NPT Female	207 (8.15)	129 (5.08)		100 (3.94)		



### Male - Maschio - Stecker - Male

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F VVS 14 GAS M	1/4" BSP Female	43 (1.69)	14.1 (0.56)	B+C -27 (1.06)		25 (0.98)		
6.3	1/4"	F VVS 14 NPT M	1/4" NPT Female	43 (1.69)	14.1 (0.56)					
10	3/8"	F VVS 38 GAS M	3/8" BSP Female	48 (1.89)	18.9 (0.74)	B+C -34 (1.34)		32 (1.26)		
10	3/8"	F VVS 38 NPT M	3/8" NPT Female	48 (1.89)	18.9 (0.74)			32 (1.26)		
12.5	1/2"	F VVS 12 GAS M	1/2" BSP Female	53 (2.09)	20.5 (0.81)	B+C -38 (1.50)		34 (1.34)		
12.5	1/2"	F VVS 12 NPT M	1/2" NPT Female	53 (2.09)	20.5 (0.81)	B+C -38 (1.50)		34 (1.34)		
20	3/4"	F VVS 34 GAS M	3/4" BSP Female	63 (2.48)	27.9 (1.10)	B+C -48 (1.89)		45 (1.81)		
20	3/4"	F VVS 34 NPT M	3/4" NPT Female	63 (2.48)	27.9 (1.10)			45 (1.81)		
25	1"	F VVS 1 GAS M	1" BSP Female	72 (2.83)	31.3 (1.23)	B+C -57 (2.24)		50 (1.97)		
25	1"	F VVS 1 NPT M	1" NPT Female	72 (2.83)	31.3 (1.23)			50 (1.97)		
32	1 1/4"	F VVS114 GAS M	1 1/4" BSP Female	86 (3.39)	43.9 (1.73)	B+C -72 (2.83)		65 (2.56)		
32	1 1/4"	F VVS114 NPT M	1 1/4" NPT Female	86 (3.39)	43.9 (1.73)			65 (2.56)		
40	1 1/2"	F VVS112 GAS M	1 1/2" BSP Female	95 (3.74)	53.4 (2.10)	B+C -79 (3.11)		80 (3.15)		
40	1 1/2"	F VVS112 NPT M	1 1/2" NPT Female	95 (3.74)	53.4 (2.10)			80 (3.15)		
50	2"	F VVS 2 GAS M	2" BSP Female	118 (4.65)	81.9 (3.22)	B+C -98 (3.86)		110 (4.33)		
50	2"	F VVS 2 NPT M	2" NPT Female	118 (4.65)	81.9 (3.22)			110 (4.33)		

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agrartechnik  
Push Pull - Agricultrice

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
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Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

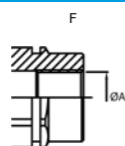
Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons			Dust protections Tappi Protezione Staubschutzteile Capuchons			Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation		
6.3	1/4"			TMV 14 S			TFV 14 S	SK NV 14	1*
10	3/8"	TMVM 38 SR		TMV 38 S	TFVM 38 SR		TFV 38 S	SK NV 38	1*
12.5	1/2"	TMVM 12 SR		TMV 12 S	TFVM 12 SR		TFV 12 S	SK NV 12	1*
20	3/4"			TMV 34 S			TFV 34 S	SK NV 34	1*
25	1"			TMV 1 S			TFV 1 S	SK NV 1	1*
32	1 1/4"			TMV114 S			TFV114 S	SK VVS 114	1**
40	1 1/2"			TMV112 S			TFV112 S	SK VVS 112	1**
50	2"			TMV 2 S			TFV 2 S	SK VVS 2	1**

\*10 O-rings + 10 PTFE rings \*\*5 O-rings + 5 PTFE rings

## Thread Filetto Anschluss Filetage



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluss durch Kegelventil	Système d'étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
DisConnexion under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster

## Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement			
mm	inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	60 (8700)	8 (2.1)	280 (40600)	180 (26000)	280 (40600)
10	3/8"	65 (9500)	18 (4.8)	200 (29000)	195 (28500)	250 (36300)
12.5	1/2"	60 (8700)	30 (7.9)	195 (28500)	180 (26000)	245 (35500)
20	3/4"	50 (7300)	45 (12)	160 (23200)	150 (21800)	190 (27600)
25	1"	46 (6700)	90 (24)	140 (20300)	150 (21800)	160 (23200)
32	1 1/4"	38 (5500)	140 (37)	120 (17400)	115 (16700)	150 (21800)
40	1 1/2"	36 (5200)	300 (79)	140 (20300)	110 (16000)	155 (22500)
50	2"	21 (3000)	1000 (264)	75 (10900)	65 (9500)	85 (12500)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
Stainless Steel AISI 316	Acciaio Inox AISI 316	Edelstahl AISI 316	Acier inoxydable AISI 316
Viton Backup ring in PTFE	Viton Anello antiestrusione PTFE	Viton Stützring in PTFE	Viton Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C à +125°C (-13°F à +257°F)
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

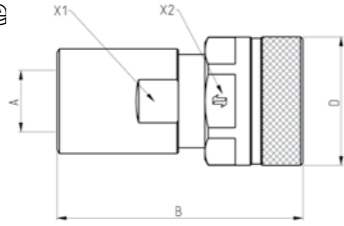
Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

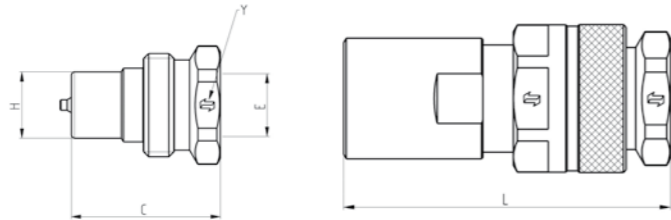
Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster



**Female - Femmina - Muffe - Femelle**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X1	X2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	VVS 14 GAS F 2V	1/4" BSP Female	68 (2.68)	30 (1.18)	22 (0.87)	27 (1.06)	
			VVS 14 NPT F 2V	1/4" NPT Female	68 (2.68)	30 (1.18)	22 (0.87)	27 (1.06)	
10	3/8"	F	VVS 38 GAS F 2V	3/8" BSP Female	76 (2.99)	40 (1.57)	30 (1.18)	36 (1.42)	
			VVS 38 NPT F 2V	3/8" NPT Female	76 (2.99)	40 (1.57)	30 (1.18)	36 (1.42)	
12.5	1/2"	F	VVS 12 GAS F 2V	1/2" BSP Female	87 (3.43)	45 (1.77)	34 (1.34)	41 (1.61)	
			VVS 12 NPT F 2V	1/2" NPT Female	87 (3.43)	45 (1.77)	34 (1.34)	41 (1.61)	
20	3/4"	F	VVS 34 GAS F 2V	3/4" BSP Female	106 (4.17)	55 (2.17)	41 (1.61)	50 (1.97)	
			VVS 34 NPT F 2V	3/4" NPT Female	106 (4.17)	55 (2.17)	41 (1.61)	50 (1.97)	
25	1"	F	VVS 1 GAS F 2V	1" BSP Female	124 (4.88)	60 (2.36)	50 (1.97)	55 (2.16)	
			VVS 1 NPT F 2V	1" NPT Female	124 (4.88)	60 (2.36)	50 (1.97)	55 (2.16)	
32	1 1/4"	F	VVS114 GAS F 2V	1 1/4" BSP Female	153 (6.02)	80 (3.15)	65 (2.56)	75 (2.95)	
			VVS114 NPT F 2V	1 1/4" NPT Female	153 (6.02)	80 (3.15)	65 (2.56)	75 (2.95)	
40	1 1/2"	F	VVS112 GAS F 2V	1 1/2" BSP Female	172 (6.77)	98 (3.86)	75 (2.95)	90 (3.54)	
			VVS112 NPT F 2V	1 1/2" NPT Female	172 (6.77)	98 (3.86)	75 (2.95)	90 (3.54)	
50	2"	F	VVS 2 GAS F 2V	2" BSP Female	207 (8.15)	129 (5.08)	100 (3.94)	125 (4.92)	
			VVS 2 NPT F 2V	2" NPT Female	207 (8.15)	129 (5.08)	100 (3.94)	125 (4.92)	



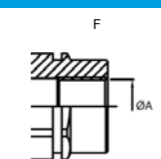
**Male - Maschio - Stecker - Male**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	VVS 14 GAS M 2V	1/4" BSP Female	43 (1.69)	14.1 (0.56)	B+C -27 (1.06)		25 (0.98)	
			VVS 14 NPT M 2V	1/4" NPT Female	43 (1.69)	14.1 (0.56)	B+C -27 (1.06)		25 (0.98)	
10	3/8"	F	VVS 38 GAS M 2V	3/8" BSP Female	48 (1.89)	18.9 (0.74)	B+C -34 (1.34)		32 (1.26)	
			VVS 38 NPT M 2V	3/8" NPT Female	48 (1.89)	18.9 (0.74)	B+C -34 (1.34)		32 (1.26)	
12.5	1/2"	F	VVS 12 GAS M 2V	1/2" BSP Female	53 (2.09)	20.5 (0.81)	B+C -38 (1.50)		34 (1.34)	
			VVS 12 NPT M 2V	1/2" NPT Female	53 (2.09)	20.5 (0.81)	B+C -38 (1.50)		34 (1.34)	
20	3/4"	F	VVS 34 GAS M 2V	3/4" BSP Female	63 (2.48)	27.9 (1.10)	B+C -48 (1.89)		46 (1.81)	
			VVS 34 NPT M 2V	3/4" NPT Female	63 (2.48)	27.9 (1.10)	B+C -48 (1.89)		46 (1.81)	
25	1"	F	VVS 1 GAS M 2V	1" BSP Female	72 (2.83)	31.3 (1.23)	B+C -57 (2.24)		50 (1.97)	
			VVS 1 NPT M 2V	1" NPT Female	72 (2.83)	31.3 (1.23)	B+C -57 (2.24)		50 (1.97)	
32	1 1/4"	F	VVS114 GAS M 2V	1 1/4" BSP Female	86 (3.39)	43.9 (1.73)	B+C -72 (2.83)		65 (2.56)	
			VVS114 NPT M 2V	1 1/4" NPT Female	86 (3.39)	43.9 (1.73)	B+C -72 (2.83)		65 (2.56)	
40	1 1/2"	F	VVS112 GAS M 2V	1 1/2" BSP Female	95 (3.74)	53.4 (2.10)	B+C -79 (3.11)		80 (3.15)	
			VVS112 NPT M 2V	1 1/2" NPT Female	95 (3.74)	53.4 (2.10)	B+C -79 (3.11)		80 (3.15)	
50	2"	F	VVS 2 GAS M 2V	2" BSP Female	118 (4.65)	81.9 (3.22)	B+C -98 (3.86)		110 (4.33)	
			VVS 2 NPT M 2V	2" NPT Female	118 (4.65)	81.9 (3.22)	B+C -98 (3.86)		110 (4.33)	

**Accessories - Accessori - Zubehör - Accessoires**

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
	AISI 316	Aluminum	AISI 316	Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	
6.3	1/4"		TMV 14 S		TFV 14 S	N/A
10	3/8"	TMV 38 SS	TMV 38 S	TFV 38 SS	TFV 38 S	N/A
12.5	1/2"	TMV 12 SS	TMV 12 S	TFV 12 SS	TFV 12 S	N/A
20	3/4"		TMV 34 S		TFV 34 S	N/A
25	1"		TMV 1 S		TFV 1 S	N/A
32	1 1/4"		TMV114 S		TFV114 S	N/A
40	1 1/2"		TMV112 S		TFV112 S	N/A
50	2"		TMV 2 S		TFV 2 S	N/A

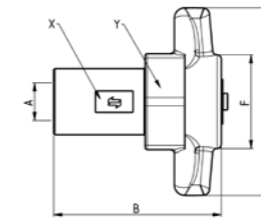
**Thread Filetto Anschluss Filetage**



**FB** Brass  
Ottone  
Messing  
Laiton



Brass  
Ottone  
Messing  
Laiton **FB**



Features	Caratteristiche	Merkmale	Caractéristiques
<p>Connexion by screwing together the two parts</p> <p>DisConnexion by unscrewing the two parts</p> <p>Shut off by flat valve</p> <p>Male and Female connectable under pressure</p> <p>DisConnexion under pressure allowed</p> <p>Interchangeability US Market</p>	<p>Connessione avvitando maschio e femmina</p> <p>Disconnessione svitando maschio e femmina</p> <p>Sistema di tenuta mediante valvola piana</p> <p>Maschio e Femmina innestabili in pressione</p> <p>Disconnessione in pressione consentita</p> <p>Intercambiabilità mercato USA</p>	<p>Verbindung durch Verschrauben der beiden Teile</p> <p>Anschluss durch Abschrauben die beiden Teile</p> <p>Verschluss durch flachdichtendes Ventil</p> <p>Muffe und Stecker unter Druck entkoppelbar</p> <p>Entkuppeln unter Druck erlaubt</p> <p>Austauschbarkeit USA Markt</p>	<p>Connexion en dévissant les deux parties</p> <p>Déconnexion en dévissant les deux parties</p> <p>Clapet à Face Plate</p> <p>Mâle et Femelle connectable sous pression</p> <p>Déconnexion sous pression possible</p> <p>Interchangeabilité marché USA</p>

**Fields of application**  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application

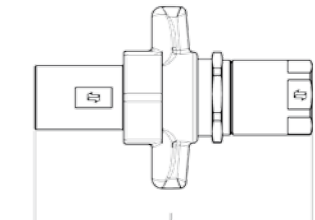
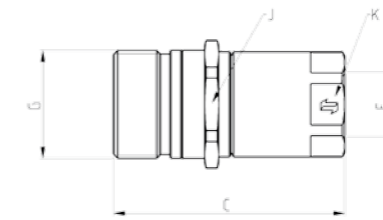


Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement
		@ 0.2 MPa pressure drop	
mm	MPa (PSI)	l/min (GPM)	MPa (PSI)
20	25 (3625)	62 (16.5)	75 (10900)
25	23 (3350)	160 (42)	70 (10000)
32	21 (3000)	220 (58)	64 (9300)
40	20 (2900)	300 (79)	60 (8700)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
<p>Brass</p> <p>NBR Backup ring in PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p>According to ISO 7241-2</p>	<p>Ottone</p> <p>NBR Anello antiestrusione PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p>Secondo la norma ISO 7241-2</p>	<p>Messing</p> <p>NBR Stützing in PTFE</p> <p>-25°C to +125°C (-13°F to +257°F)</p> <p>Nach ISO 7241-2</p>	<p>Laiton</p> <p>NBR Anneau anti-extrusion en PTFE</p> <p>-25°C à +125°C (-13°F à +257°F)</p> <p>Selon la norme ISO 7241-2</p>

**Female - Femmina - Muffe - Femelle**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	F	X	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
20	3/4"	F FB 12/34 NPT F5	3/4" NPTF Female	80 (3.19)	90 (3.54)	45 (1.77)	30 (1.18)	46 (1.81)		
25	1"	F FB 16/1 NPT F 5	1" NPTF Female	91 (3.58)	100 (3.94)	55 (2.16)	36 (1.42)	55 (2.16)		
32	1 1/4"	F FB 20/114NPT F5	1 1/4" NPTF Female	95 (3.74)	127 (5.00)	63 (2.48)	45 (1.77)	65 (2.56)		
40	1 1/2"	F FB 24/112NPT F5	1 1/2" NPTF Female	110 (4.33)	150 (5.90)	73 (2.87)	50 (1.97)	75 (2.95)		



**Male - Maschio - Stecker - Male**

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	G	L	J	K	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
20	3/4"	F FB 12/34 NPT M5	3/4" NPTF Female	82 (3.23)	32 (1.25)	B+C -24 (0.94)	41 (1.61)	34 (1.34)		
25	1"	F FB 16/1 NPT M 5	1" NPTF Female	89 (3.50)	48 (1.89)	B+C -31 (1.22)	48 (1.90)	40 (1.57)		
32	1 1/4"	F FB 20/114NPT M5	1 1/4" NPTF Female	97 (3.82)	54 (2.13)	B+C -35 (1.38)	54 (2.12)	48 (1.89)		
40	1 1/2"	F FB 24/112NPT M5	1 1/2" NPTF Female	110 (4.33)	63 (2.48)	B+C -42 (1.65)	65 (2.56)	55 (2.16)		

**FB** Brass  
Ottone  
Messing  
Laiton

**PVVM**

**Accessories - Accessori - Zubehör - Accessoires**

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
		PVC	Aluminum	PVC	Aluminum		
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	
20	3/4"			TMFB 12 S		TFFB 12 S	N/A
25	1"			TMFB 16 S		TFFB 16 S	N/A
32	1 1/4"			TMFB 20 S		TFFB 20 S	N/A
40	1 1/2"			TMFB 24 S		TFFB 24 S	N/A

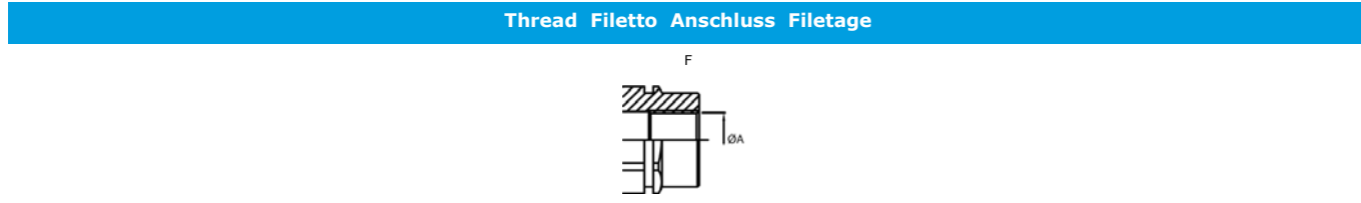
Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service		Flow Rate Portata Durchsatz Débit		Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
mm	inch.	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)	
6.3	1/4"	103 (14935)		15 (3.96)	350 (50750)	310 (44950)	330 (47850)	
10	3/8"	100 (14500)		20 (5.28)	350 (50750)	310 (47850)	300 (43500)	

Technical Specifications		Specifiche Tecniche		Technischen Daten		Caractéristiques Techniques	
	High grade carbon steel tempered or carbonitrided for specific stressed area		Acciaio ad alto tenore di carbonio con parti sollecitate a induzione		High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone		Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
	NBR Backup ring in PTFE		NBR Anello antiestrusione PTFE		NBR Stützring in PTFE		NBR Anneau anti-extrusion en PTFE
	-25°C to +125°C (-13°F to +257°F)		-25°C to +125°C (-13°F to +257°F)		-25°C to +125°C (-13°F to +257°F)		-25°C to +125°C (-13°F to +257°F)
	Mate500®		Mate500®		Mate500®		Mate500®
	According to ISO 7241-2		Secondo la norma ISO 7241-2		Nach ISO 7241-2		Selon la norme ISO 7241-2

Thread Filetto Anschluss Filetage	

Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts	Connessione avvitando maschio e femmina	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by unscrewing the two parts	Disconnessione svitando maschio e femmina	Entkuppeln durch Abschrauben	Déconnexion en dévissant les deux parties
Shut off by poppet valve	Sistema di tenuta mediante valvola a funghetto	Verschluss durch Kegelf Ventil	Système d'étanchéité à clapet standard
Connectable under residual pressure	Innestabile con pressione residua	Kuppelbar unter Restdruck	Connectable sous pression résiduelle
DisConnexion under residual pressure	Disconnessione con pressione residua	Entkuppelbar unter Restdruck	Déconnexion avec une pression résiduelle
Interchangeability German Market	Intercambiabilità mercato Tedesco	Austauschbarkeit deutschen Markt	Interchangeabilité marché Allemand

**Fields of application**  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausföhrung Agrartechnik  
Push Pull - Agriculture

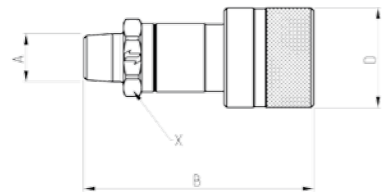
Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

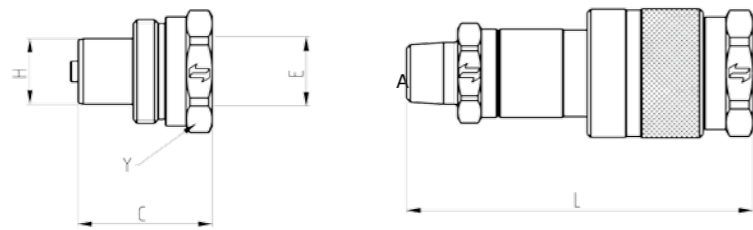
Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster



### Female - Femmina - Muffe - Femelle

Size Base BG Taille	Thread Filetto Anchluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	L	P	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	PVVM 1/14 NPT F	1/4" NPTF Male	63 (2.48)	30 (1.18)			21 (0.83)	
10	3/8"	F	PVVM 1/38 NPT F	3/8" NPTF Male	84 (3.31)	36 (1.42)			25 (0.98)	



### Male - Maschio - Stecker - Male

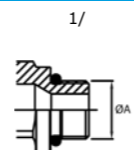
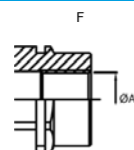
Size Base BG Taille	Thread Filetto Anchluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	1/	PVVM 14 NPT M	1/4" NPTF Female	34 (1.34)	15,8 (0.62)	B+C-19 (0.75)	27 (1.06)	
10	3/8"	1/	PVVM 38 NPT M	3/8" NPTF Female	39 (1.54)	19 (0.75)	B+C-25 (0.98)	27 (1.26)	

### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Verpackung Colis
	Aluminum	Aluminum	Aluminum	Aluminum		
mm	inch	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	
6.3	1/4"	TFP 14	TMP 14	SK PVVM 14	1*	
10	3/8"	TFP 38	TMP 38	SK PVVM 38	1*	

\*10 O'rings + 10 PTFE rings

### Thread Filetto Anchluss Filetage



### Features

Connexion by screwing together the two parts  
 DisConnexion by unscrewing the two parts  
 Standard settings 35 KPa (5 PSI)

### Caratteristiche

Connessione avvitando maschio e femmina  
 Disconnessione svitando maschio e femmina  
 Taratura standard 35 KPa

### Merkmale

Verbindung durch Verschrauben der beiden Teile  
 Anschluss durch Abschrauben die beiden Teile  
 Öffnungsdruck 35 KPa

### Caractéristiques

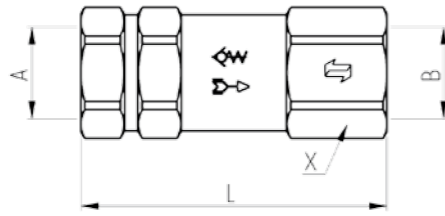
Connexion en dévissant les deux parties  
 Déconnexion en dévissant les deux parties  
 Calibrage standard 35 KPa

### Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement
mm	inch.	MPa (PSI)	l/min (GPM)
6.3	1/4"	50 (7250)	17 (4.49)
10	3/8"	35 (5075)	68 (17.97)
12.5	1/2"	35 (5075)	90 (23.78)
20	3/4"	25 (3625)	140 (36.99)
25	1"	25 (3625)	200 (52.84)
31.5	1 1/4"	25 (3625)	300 (79.26)
40	1 1/2"	20 (2900)	500 (132.10)
50	2"	17 (2500)	700 (184.94)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
<p>High grade carbon steel tempered or carbonitrited for specific stressed area</p>	<p>Acciaio ad alto tenore di carbonio con parti sollecitate a induzione</p>	<p>High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone</p>	<p>Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées</p>
<p>NBR</p>	<p>NBR</p>	<p>NBR</p>	<p>NBR</p>
<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>	<p>-25°C to +125°C (-13°F to +257°F)</p>
<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>	<p>Mate500®</p>
<p>According to ISO 7241-2</p>	<p>Secondo la norma ISO 7241-2</p>	<p>Nach ISO 7241-2</p>	<p>Selon la norme ISO 7241-2</p>



Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	L	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	VU14F 14F	1/4" BSP Female	1/4" BSP Female	50 (1.97)	19 (0.75)		
6.3	1/4"	VU14FN 14FN	1/4" NPTF Female	1/4" NPTF Female	50 (1.97)	19 (0.75)		
10	3/8"	VU38F 38F	3/8" BSP Female	3/8" BSP Female	60 (2.36)	24 (0.94)		
10	3/8"	VU38FN 38FN	3/8" NPTF Female	3/8" NPTF Female	60 (2.36)	24 (0.94)		
12.5	1/2"	VU12F 12F	1/2" BSP Female	1/2" BSP Female	70 (2.76)	27 (1.06)		
12.5	1/2"	VU12FN 12FN	1/2" NPTF Female	1/2" NPTF Female	70 (2.76)	27 (1.06)		
20	3/4"	VU34F 34F	3/4" BSP Female	3/4" BSP Female	86 (3.39)	34 (1.34)		
20	3/4"	VU34FN 34FN	3/4" NPTF Female	3/4" NPTF Female	86 (3.39)	34 (1.34)		
25	1"	VU1F 1F	1" BSP Female	1" BSP Female	100 (3.94)	41 (1.61)		
25	1"	VU1FN 1FN	1" NPTF Female	1" NPTF Female	100 (3.39)	41 (1.61)		
31.5	1-1/4"	VU114F 114F	1-1/4" BSP Female	1-1/4" BSP Female	130 (5.12)	50 (1.97)		
31.5	1-1/4"	VU114FN 114FN	1-1/4" NPTF Female	1-1/4" NPTF Female	130 (5.12)	50 (1.97)		
40	1-1/2"	VU112F 112F	1-1/2" BSP Female	1-1/2" BSP Female	145 (5.71)	60 (2.36)		
40	1-1/2"	VU112FN 112FN	1-1/2" NPTF Female	1-1/2" NPTF Female	145 (5.71)	60 (2.36)		
50	2"	VU2F 2F	2" BSP Female	2" BSP Female	160 (6.30)	75 (2.95)		
50	2"	VU2FN 2FN	2" NPTF Female	2" NPTF Female	160 (6.30)	75 (2.95)		

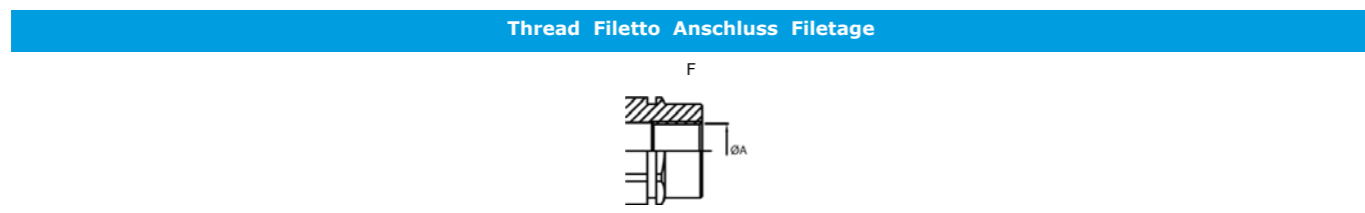
Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pushing the male coupling	Connessione spingendo la parte maschio	Kuppeln durch Einstecken des Kupplungssteckers	Connexion en poussant le coupleur mâle
DisConnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat face valve	Sistema di tenuta mediante valvola piana	Verschluss durch " Flat Face " Ventil	Clapet à Face Plate
Connexion under pressure not allowed	Connessione con pressione residua non consentita	Kuppeln unter Druck nicht erlaubt	Connexion sous pression non autorisée
DisConnexion under pressure not allowed	Disconnessione in pressione non consentita	Entkuppeln unter Druck nicht erlaubt	Déconnexion sous pression non autorisée
Interchangeability according to ISO 15171-1	Intercambiabilità secondo norme ISO 15171-1	Austauschbarkeit gemäß ISO 15171-1 Standard	Interchangeabilité selon ISO 15171-1
No spillage during Connexion and disConnexion	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage während des Kuppel und Entkuppelvorgangs	Pas de fuites lors de la connexion et la déconnexion

**Fields of application**  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement		
		@ 0.2 MPa pressure drop			
mm	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	47 (6815)	2 (0.53)	150 (21750)	190 (27550)	180 (26100)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrided for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
NBR Backup ring in PTFE	NBR Anello antiestrusione PTFE	NBR Stützring in PTFE	NBR Anneau anti-extrusion en PTFE
-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)	-25°C to +125°C (-13°F to +257°F)
Mate500®	Mate500®	Mate500®	Mate500®
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Agriculture Agricoltura Agricolture  
Agriculture Agricoltura Agricolture  
Agriculture Agricoltura Agricolture

Screw Together Innessi a Vite Schraubkupplungen A Visser

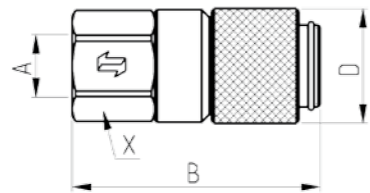
Check Valves Valvole Unidirezionali Rückschläventile Clapet Anti-retour

Diagnostic Diagnostici Diagnostik Kupplung Diagnostik

Flat Face Innessi Faccia Piana Flachdichtend Clapet à Face Plat

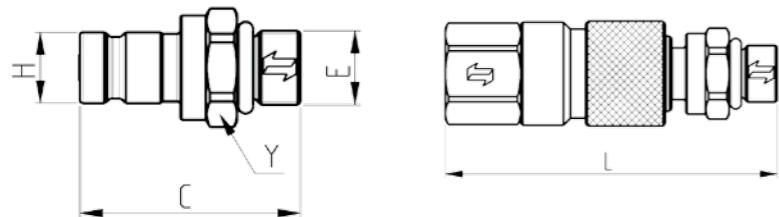
Multifaster Multiconessioni Multikupplungen Multifaster





### Female - Femmina - Muffe - Femelle

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	(A)	(B)	(D)	(X)	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	DF 04-18NPT F	1/8" NPTF Female	42 (1.65)	24 (0.94)	21 (0.83)	
6.3	1/4"	F	DF 04-14NPT F	1/4" NPT Female	50 (1.97)	24 (0.94)	21 (0.83)	
6.3	1/4"	F	DF 04-14SAE F	7/16" UNF Female	54 (2.13)	24 (0.94)	21 (0.83)	
6.3	1/4"	F	DF 04-38SAE F	9/16" UNF Female	54 (2.13)	24 (0.94)	21 (0.83)	
6.3	1/4"	F	DF04-0/1415 F	M14X1.5 Female 10L	52 (2.03)	24 (0.94)	21 (0.83)	
6.3	1/4"	1/	DF 04-1/14NPT F	1/4" NPTF Male	56 (2.20)	24 (0.94)	21 (0.83)	



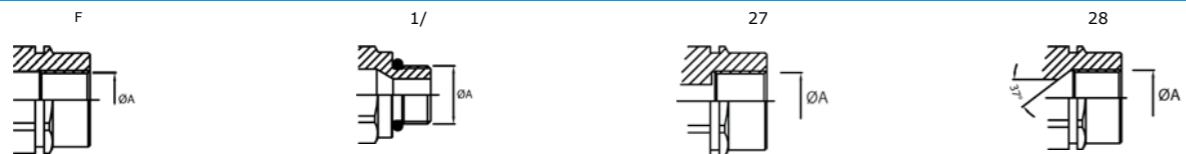
### Male - Maschio - Stecker - Male

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	(E)	(C)	(L)	(H)	(Y)	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
6.3	1/4"	F	DF 04-18NPT M	1/8" NPTF Female	36 (1.42)	63 (2.48)	12.7 (0.5)	19 (0.75)	
6.3	1/4"	F	DF 04-14NPT M	1/4" NPT Female	40 (1.57)	75 (2.95)	12.7 (0.5)	19 (0.75)	
6.3	1/4"	F	DF 04-14SAE M	7/16" UNF Female	41 (1.61)	80 (3.15)	12.7 (0.5)	19 (0.75)	
6.3	1/4"	1/	DF04-1/18NPT M	1/8" NPTF Male	41 (1.61)	83 (3.27)	12.7 (0.5)	17 (0.67)	
6.3	1/4"	1/	DF04-1/14NPT M	1/4" NPTF Male	41 (1.61)	82 (3.23)	12.7 (0.5)	19 (0.75)	
6.3	1/4"	1/	DF04-1/1415 MB	M14X1.5 Male O-Ring	41 (1.61)	78 (3.07)	12.7 (0.5)	19 (0.75)	
6.3	1/4"	1/	DF04-1/14SAE M	7/16" UNF Male	40 (1.59)	79 (3.11)	12.7 (0.5)	17 (0.67)	
6.3	1/4"	1/	DF04-1/38SAE M	9/16" UNF Male	37 (1.46)	76 (3.00)	12.7 (0.5)	17 (0.67)	
6.3	1/4"	27/	DF04-27/14SAEM	9/16" UNF Male	41 (1.61)	80 (3.15)	12.7 (0.5)	17 (0.67)	
6.3	1/4"	28/	DF04-28/14SAEM	7/16" UNF Male	38 (1.50)	77 (3.03)	12.7 (0.5)	19 (0.75)	

### Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Protecteurs	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur
mm	inch.		
6.3	1/4"	TFDF 04	Black

### Thread Filetto Anschluss Filetage



### Features

- Connexion by pushing the male coupling
- DisConnexion by pulling back the female sleeve
- Shut off by flat face valve
- Connexion under pressure not allowed
- DisConnexion under pressure not allowed
- Interchangeability according to ISO 16028
- No spillage during Connexion and disConnexion



### Caratteristiche

- Connessione spingendo la parte maschio
- Disconnessione mediante arretramento ghiera parte femmina
- Sistema di tenuta mediante valvola piana
- Connessione con pressione residua non consentita
- Disconnessione in pressione non consentita
- Intercambiabilità secondo norme ISO 16028
- Assenza di spillaggio durante connessione e disconnessione



### Merkmale

- Kuppeln durch Einstecken des Kupplungssteckers
- Entkuppeln, durch Zurückziehen der Verriegelungshülse
- Verschluss durch " Flat Face " Ventil
- Kuppeln unter Druck nicht erlaubt
- Entkuppeln unter Druck nicht erlaubt
- Austauschbarkeit gemäß ISO 16028 Standard
- Kein Leckage während des Kuppel und Entkuppelvorgangs



### Caractéristiques

- Connexion en poussant le coupleur mâle
- Déconnexion en tirant la bague femelle
- Clapet à Face Plate
- Connexion sous pression non autorisée
- Déconnexion sous pression non autorisée
- Interchangeabilité selon ISO 16028
- Pas de fuites lors de la connexion et la déconnexion



### Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application

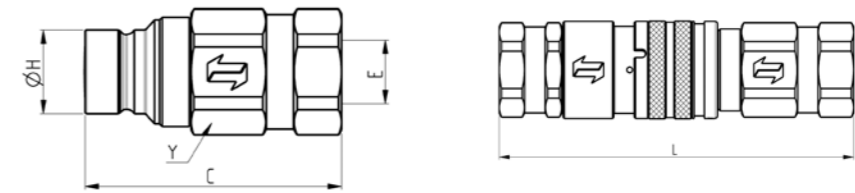
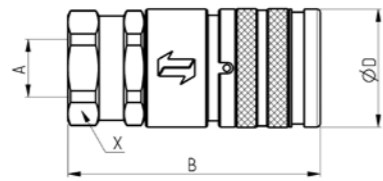


### Working pressure Pressione di esercizio Betriebsdruck Pression de service | Flow Rate Portata Durchflussmenge Débit | Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement | Force to Connect Forza di connessione Verbindung Kraft Force de Connexion

mm	inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)	N
3,2	1/8"	35 (5000)	12 (3,2)	170 (24200)	140 (20000)	180 (25700)	105
6.3	1/4"	35 (5000)	25 (6,6)	170 (24200)	140 (20000)	180 (25700)	110
10	3/8"	35 (5000)	50 (13,2)	170 (24200)	140 (20000)	170 (24200)	150
12.5	1/2"	35 (5000)	110 (29)	140 (20000)	140 (20000)	170 (24200)	210
16	5/8"	35 (5000)	125 (33)	140 (20000)	140 (20000)	140 (20000)	205
19	3/4"	35 (5000)	160 (42,4)	140 (20000)	140 (20000)	140 (20000)	215
25	1"	35 (5000)	230 (60.7)	140 (20000)	140 (20000)	170 (24200)	280

### Technical Specifications Specifiche Tecniche Technische Daten Caractéristiques Techniques

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate temprate a induzione	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)
Mate1000®	Mate1000®	Mate1000®	Mate1000®
100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications	100.000 cicli al 133% della pressione d'esercizio a innesti disconnessi 1.000.000 di cicli al 133% della pressione d'esercizio a innesti connessi. Prove effettuate secondo norme ISO 7241-2	100.000 Zyklen bei 133% des angegebenen Betriebsdruckes ungekuppelt 1.000.000 Zyklen bei 133% des angegebenen Betriebsdruckes gekuppelt. Gemäß ISO 7241-2	100.000 cycles à 133% de la pression de service, déconnecté 1.000.000 de cycles à 133% de la pression de service, connecté. Testé selon les normes ISO 7241-2



### Female - Femmina - Muffe - Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	P	X	Weight Peso Gewicht Poids	Package Confezione Packagingeinheit Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
3.2	1/8"	F	FFH02 18GAS F	1/8" BSP Female	46 (1.81)	20 (0.79)		18 (0.71)	
6.3	1/4"	F	FFH04 14GAS F	1/4" BSP Female	59 (2.32)	27 (1.06)		24 (0.94)	
6.3	1/4"	F	FFH04 14NPT F	1/4" NPTF Female	59 (2.32)	27 (1.06)		24 (0.94)	
10	3/8"	F	FFH06 38GAS F	3/8" BSP Female	75 (2.95)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06 12GAS F	1/2" BSP Female	79 (3.11)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06 38NPT F	3/8" NPTF Female	75 (2.95)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06 12NPT F	1/2" NPTF Female	78 (3.07)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06 12SAE F	3/4" UNF Female ORB	79 (3.11)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06-2/1815 F	M18x1,5 Male 12L	75 (2.95)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06-2/2215 F	M22x1,5 Male 15L	87 (3.43)	30 (1.18)		27 (1.06)	
10	3/8"	F	FFH06-7/1815 F	M18x1,5 Male Bulkhead Short 12L	101 (3.98)	30 (1.18)	26 (1.02)	27 (1.06)	
10	3/8"	F	FFH06-7/2215 F	M22x1,5 Male Bulkhead Short 15L	98 (3.86)	30 (1.18)	26 (1.02)	27 (1.06)	
12.5	1/2"	F	FFH08 12GAS F	1/2" BSP Female	81 (3.19)	38 (1.50)		34 (1.34)	
12.5	1/2"	F	FFH08 34GAS F	3/4" BSP Female	85 (3.35)	38 (1.50)		34 (1.34)	
12.5	1/2"	F	FFH08 12NPT F	1/2" NPTF Female	81 (3.19)	38 (1.50)		32 (1.26)	
12.5	1/2"	F	FFH08 34NPT F	3/4" NPTF Female	81 (3.19)	38 (1.50)		34 (1.34)	
12.5	1/2"	F	FFH08 12SAE F	3/4" UNF Female ORB	81 (3.19)	38 (1.50)		32 (1.26)	
12.5	1/2"	F	FFH08 58SAE F	7/8" UNF Female ORB	81 (3.19)	38 (1.50)		34 (1.34)	
12.5	1/2"	F	FFH08 34SAE F	1-1/16" UN Female ORB	87 (3.43)	38 (1.50)		34 (1.34)	
12.5	1/2"	F	FFH08-12/58S F	1" UNS Male Bulkhead ORFS	112 (4.41)	38 (1.50)	38 (1.50)	32 (1.26)	
12.5	1/2"	F	FFH08-12/34S F	1-3/16" UN Male Bulkhead ORFS	113 (4.45)	38 (1.50)	39 (1.54)	36 (1.42)	
12.5	1/2"	F	FFH08-14/58S F	7/8" 14 UNF 2A Male Bulkhead	111 (4.37)	38 (1.50)	42 (1.65)	34 (1.34)	
12.5	1/2"	F	FFH08-14/34S F	1-1/16" - 12 UN 2A Male Bulkhead	116 (4.57)	38 (1.50)	45 (1.77)	34 (1.34)	
16	5/8"	F	FFH10 34GAS F	3/4" BSP Female	92 (3.62)	42 (1.65)		38 (1.50)	
16	5/8"	F	FFH10 34SAE F	1-1/16" UN Female ORB	95 (3.74)	42 (1.65)		38 (1.50)	
19	3/4"	F	FFH12 34GAS F	3/4" BSP Female	100 (3.94)	48 (1.89)		42 (1.65)	
19	3/4"	F	FFH12 1GAS F	1" BSP Female	104 (4.09)	48 (1.89)		42 (1.65)	
19	3/4"	F	FFH12 34NPT F	3/4" NPTF Female	100 (3.94)	48 (1.89)		42 (1.65)	
19	3/4"	F	FFH12 34SAE F	1-1/16" UN Female ORB	104 (4.09)	48 (1.89)		42 (1.65)	
19	3/4"	F	FFH12 1SAE F	1-5/16" UN Female ORB	104 (4.09)	48 (1.89)		42 (1.65)	
19	3/4"	F	FFH12-12/34S F	1-3/16" UN Male Bulkhead ORFS	133 (5.24)	48 (1.89)	41 (1.61)	42 (1.65)	
19	3/4"	F	FFH12-14/34S F	1-1/16" - 12 UN 2A Male Bulkhead	136 (5.35)	48 (1.89)	44 (1.73)	42 (1.65)	
25	1"	F	FFH16 1GAS F	1" BSP Female	100 (3.94)	55 (2.17)		50 (1.97)	
25	1"	F	FFH16 1NPT F	1" NPT Female	100 (3.94)	55 (2.17)		50 (1.97)	
25	1"	F	FFH16 1SAE F	1-5/16" UN Female ORB	100 (3.94)	55 (2.17)		50 (1.97)	
25	1"	F	FFH16 114GAS F	1-1/4" BSP Female	103 (4.06)	55 (2.17)		50 (1.97)	

### Male - Maschio - Stecker - Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	L	P	Y	Weight Peso Gewicht Poids	Package Confezione Packagingeinheit Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	
3.2	1/8"	F	FFH02 18GAS M	1/8" BSP Female	44 (1.73)	11.6 (0.46)	80 (3.15)		16 (0.63)	
6.3	1/4"	F	FFH04 14GAS M	1/4" BSP Female	49 (1.93)	16.1 (0.63)	97 (3.82)		24 (0.94)	
6.3	1/4"	F	FFH04 14NPT M	1/4" NPTF Female	49 (1.93)	16.1 (0.63)	96 (3.78)		24 (0.94)	
10	3/8"	F	FFH06 38GAS M	3/8" BSP Female	68 (2.68)	19.7 (0.78)	127 (5.00)		30 (1.18)	
10	3/8"	F	FFH06 12GAS M	1/2" BSP Female	73 (2.87)	19.7 (0.78)	126 (4.96)		27 (1.06)	
10	3/8"	F	FFH06 38NPT M	3/8" NPTF Female	68 (2.68)	19.7 (0.78)	122 (4.80)		27 (1.06)	
10	3/8"	F	FFH06 12NPT M	1/2" NPTF Female	72 (2.83)	19.7 (0.78)	132 (5.20)		27 (1.06)	
10	3/8"	F	FFH06 12SAE M	3/4" UNF Female ORB	72 (2.83)	19.7 (0.78)	126 (4.96)		27 (1.06)	
10	3/8"	F	FFH06-2/1815 M	M18x1,5 Male 12L	72 (2.83)	19.7 (0.78)	120 (4.72)		27 (1.06)	
10	3/8"	F	FFH06-2/2215 M	M22x1,5 Male 15L	73 (2.87)	19.7 (0.78)	122 (4.80)		27 (1.06)	
10	3/8"	F	FFH06-7/1815 M	M18x1,5 Male Bulkhead Short 12L	87 (3.43)	19.7 (0.78)	153 (6.02)	26 (1.02)	27 (1.06)	
10	3/8"	F	FFH06-7/2215 M	M22x1,5 Male Bulkhead Short 15L	89 (3.50)	19.7 (0.78)	157 (6.18)	26 (1.02)	27 (1.06)	
12.5	1/2"	F	FFH08 12GAS M	1/2" BSP Female	75 (2.95)	24.5 (0.96)	142 (5.19)		34 (1.34)	
12.5	1/2"	F	FFH08 34GAS M	3/4" BSP Female	78 (3.07)	24.5 (0.96)	151 (5.94)		34 (1.34)	
12.5	1/2"	F	FFH08 12NPT M	1/2" NPTF Female	77 (3.03)	24.5 (0.96)	145 (5.71)		32 (1.26)	
12.5	1/2"	F	FFH08 34NPT M	3/4" NPTF Female	77 (3.03)	24.5 (0.96)	148 (5.83)		34 (1.34)	
12.5	1/2"	F	FFH08 12SAE M	3/4" UNF Female ORB	75 (2.95)	24.5 (0.96)	145 (5.71)		32 (1.26)	
12.5	1/2"	F	FFH08 58SAE M	7/8" UNF Female ORB	76 (2.99)	24.5 (0.96)	152 (5.98)		34 (1.34)	
12.5	1/2"	F	FFH08 34SAE M	1-1/16" UN Female ORB	81 (3.19)	24.5 (0.96)	154 (6.06)		34 (1.34)	
12.5	1/2"	F	FFH08-12/58S M	1" UNS Male Bulkhead ORFS	104 (4.09)	24.5 (0.96)	196 (7.72)	38 (1.50)	32 (1.26)	
12.5	1/2"	F	FFH08-12/34S M	1-3/16" UN Male Bulkhead ORFS	105 (4.13)	24.5 (0.96)	198 (7.79)	39 (1.54)	36 (1.42)	
12.5	1/2"	F	FFH08-14/58S M	7/8" UNF Male Bulkhead ORFS	104 (4.09)	24.5 (0.96)	201 (7.90)	40 (1.57)	34 (1.34)	
12.5	1/2"	F	FFH08-14/34S M	1-1/16" UN Male Bulkhead ORFS	108 (4.25)	24.5 (0.96)	209 (8.23)	44 (1.73)	34 (1.34)	
16	5/8"	F	FFH10 34GAS M	3/4" BSP Female	91 (3.58)	27 (1.06)	169 (6.65)		38 (1.50)	
16	5/8"	F	FFH10 34SAE M	1-1/16" UN Female ORB	94 (3.70)	27 (1.06)	169 (6.65)		38 (1.50)	
19	3/4"	F	FFH12 34GAS M	3/4" BSP Female	102 (4.01)	29.9 (1.18)	180 (7.09)		42 (1.65)	
19	3/4"	F	FFH12 1GAS M	1" BSP Female	102 (4.01)	29.9 (1.18)	181 (7.13)		42 (1.65)	
19	3/4"	F	FFH12 34NPT M	3/4" NPTF Female	102 (4.01)	29.9 (1.18)	179 (7.05)		42 (1.65)	
19	3/4"	F	FFH12 34SAE M	1-1/16" UN Female ORB	102 (4.01)	29.9 (1.18)	179 (7.05)		42 (1.65)	
19	3/4"	F	FFH12 1SAE M	1-5/16" UN Female ORB	102 (4.01)	29.9 (1.18)	180 (7.09)		42 (1.65)	
19	3/4"	F	FFH12-12/34S M	1-3/16" UN Male Bulkhead ORFS	127 (5.00)	29.9 (1.18)	236 (9.29)	41 (1.61)	42 (1.65)	
19	3/4"	F	FFH12-14/34S M	1-1/16" UN Male Bulkhead ORFS	130 (5.12)	29.9 (1.18)	244 (9.61)	44 (1.73)	42 (1.65)	
25	1"	F	FFH16 1GAS M	1" BSP Female	106 (4.17)	36 (1.42)	183 (7.20)		55 (2.17)	
25	1"	F	FFH16 1NPT M	1" NPT Female	107 (4.21)	36 (1.42)	184 (7.24)		55 (2.17)	
25	1"	F	FFH16 1SAE M	1-5/16" UN Female ORB	106 (4.17)	36 (1.42)	183 (7.20)		55 (2.17)	
25	1"	F	FFH16 114GAS M	1-1/4" BSP Female	109 (4.29)	36 (1.42)	189 (7.44)		55 (2.17)	

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Ausrüstung Agrartechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

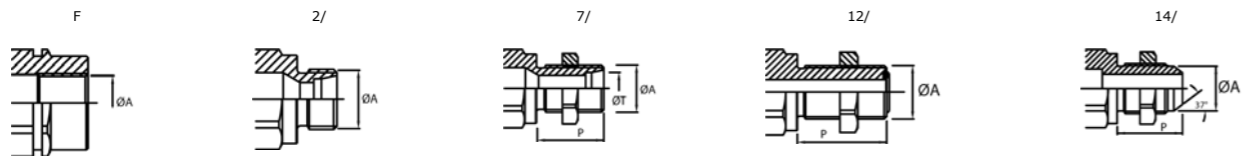
## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints	Package Confezione Packungseinheit Colis			
	PVC	Aluminum	PVC	Aluminum					
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation	Colour Colore Farbe Couleur	Part Number Codice Articolo Artikelnummer Désignation			
3,2	1/8"						SK FFH02	1*	
6.3	1/4"	TM 2FI14	●	TM 2FI14 S	TF 2FI14	●	TF 2FI14 S	SK MF 14	1**
10	3/8"	TMF 38	●	TM 2FN38 S	TFF 38	●	TF 2FN38 S	SK FFH06	1**
12.5	1/2"	TM 2FI12	●	TM 2FI12 S	TF 2FI12	●	TF 2FI12 S	SK FFH08	1***
16	5/8"	TM 2FI58	●		TF 2FI58	●		SK FFH10	1***
19	3/4"	TM 2FI34	●	TM 2FI34 S	TF 2FI34	●	TF 2FI34 S	SK FFH12	1***
25	1"	TM 2FI1	●	TM 2FI1 S	TM 2FI1	●	TF 2FI1 S	SK FFH16	1***

\* - 10 NBR & PTFE seals \*\* - 10 Polyurethane seals \*\*\* - 10 Polyurethane & PTFE seals

For pressures > 35 MPa (5075 PSI) use NPT thread  
Usare filetto NPT per pressioni > 35 MPa (5075 PSI)  
NPT Gewinde für > 35 MPa (5075 PSI) benutzen  
Pour les pressions > 35 MPa (5075 PSI) utiliser le filetage NPT

### Thread Filetto Anschluss Filetage



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts.	Connessione avvitando maschio e femmina.	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by pulling back the female safety sleeve	Disconnessione mediante arretramento ghiera di sicurezza della parte femmina.	Entkoppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en tirant la bague femelle
Shut off by flat valve	Sistema di tenuta mediante valvole a faccia piana	Verschluss durch " Flat Face " Ventil	Clapet à Face Plate
Connexion under pressure not allowed	Innestabile con pressione residua	Anschließbare unter Restdruck	Connectable sous pression résiduelle
DisConnexion under pressure not allowed	Disconnessione in pressione consentita	Entkoppeln unter Druck erlaubt	Déconnexion sous pression permis
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit zweiten internen Standard Faster	Interchangeabilité conformément à la norme interne Faster
No spillage during Connexion and disConnexion	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage während des Kuppel und Entkuppelvorgangs	Pas fuite lors de la connexion et la déconnexion

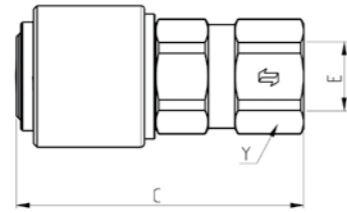
Fields of application  
Settori di applicazione  
Anwendungsbereiche  
Domaines d'application



Size Base BG Taille	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
		@ 0.2 MPa pressure drop			
mm	inch.	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)
10	3/8"	30	45	140	110
12.5	1/2"	30	72	100	100
					134 (19400)
					105 (15200)

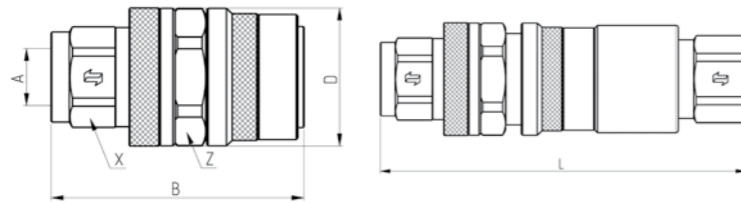
Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
High grade carbon steel tempered or carbonitrited for specific stressed area	Acciaio ad alto tenore di carbonio con parti sollecitate a induzione	High Quality Karbonstahl Induktionsgeärtet in besonders beanspruchter Stress zone	Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées
Polyurethane and NBR Backup ring in PTFE	Poliuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
-25°C to + 100°C (-13°F to + 212°F)	-25°C to + 100°C (-13°F to + 212°F)	-25°C to + 100°C (-13°F to + 212°F)	-25°C à + 100°C (-13°F à + 212°F)
FPQ	FPQ	FPQ	FPQ
According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

# 3FFV



## Female - Femmina - Muffe - Femelle :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	A	B	D	X	Z	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10	3/8"	3FFV38 GAS F	3/8" BSP Female	73.8 (2.90)	40 (1.57)	27 (1.06)	36 (1.42)		
10	3/8"	3FFV38 NPT F	3/8" NPT Female	75.4 (2.97)	40 (1.57)	27 (1.06)	36 (1.42)		
10	3/8"	3FFV38-38 SAE F	9/16" UNF Female	73.8 (2.90)	40 (1.57)	27 (1.06)	36 (1.42)		
12.5	1/2"	3FFV12 GAS F	1/2" BSP Female	81.8 (3.22)	45 (1.77)	30 (1.18)	41 (1.61)		
12.5	1/2"	3FFV12 NPT F	1/2" NPT Female	81.8 (3.22)	45 (1.77)	30 (1.18)	41 (1.61)		
12.5	1/2"	3FFV12-12 SAE F	3/4" UNF Female	82.5 (3.25)	45 (1.77)	30 (1.18)	41 (1.61)		



## Male - Maschio - Stecker - Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	L	Z	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10	3/8"	3FFV38 GAS F	3/8" BSP Female	77.3 (3.04)	133.6 (5.26)		27 (1.06)		
10	3/8"	3FFV38 NPT F	3/8" NPT Female	77.3 (3.04)	135.2 (5.32)		27 (1.06)		
10	3/8"	3FFV38-38 SAE F	9/16" UNF Female	77.3 (3.04)	133.6 (5.26)		27 (1.06)		
12.5	1/2"	3FFV12 GAS F	1/2" BSP Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		
12.5	1/2"	3FFV12 NPT F	1/2" NPT Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		
12.5	1/2"	3FFV12-12 SAE F	3/4" UNF Female	87.5 (3.44)	150.3 (5.92)		32 (1.26)		

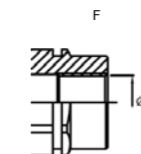
# 3FFV

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Seal Kits Guarnizioni di ricambio Ersatzdichtungen Joints		Package Confezione Verpackung Colis	
	Aluminum	Aluminum				
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation				
10	3/8"	TF 3FV S	TM 3FV38 S	SK MF 38	1**	
12.5	1/2"	TF 3FV12 S	TM 3FV12 S	SK MF 12	1**	

\*\* - 10 Polyurethane seals

## Thread Filetto Anschluss Filetage



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agrartechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agrartechnik  
Push Pull - Agriculture

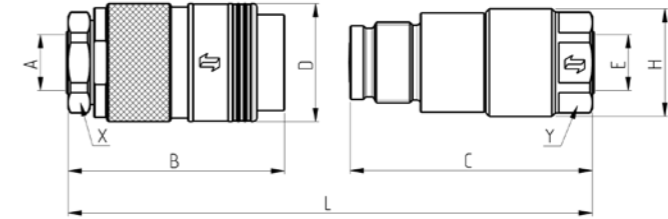
Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster



Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by screwing together the two parts.	Connessione avvitando maschio e femmina.	Verbindung durch Verschrauben der beiden Teile	Connexion en dévissant les deux parties
DisConnexion by pulling back the female safety sleeve and unscrew.	Disconnessione mediante arretramento ghiera di sicurezza della parte femmina e svitare.	Entkuppeln durch zurückschieben der Sicherheitsschiebehülse	Déconnexion en tirant la bague de sécurité femelle et dévisser
Shut off by flat valve	Sistema di tenuta mediante valvole a faccia piana	Schließen durch flache Ventile	Clapet à Face Plat
Connectable with male part under residual pressure (35MPa-5075PSI) without using tools	Maschi innestabili con pressione residua (35MPa-5075PSI), senza l'ausilio di chiavi / utensili.	Unter Restdruck kuppelbar (35MPa-5075PSI) ohne Verwendung von Werkzeugen	Connexion possible avec une pression résiduelle dans la partie Mâle (35MPa-5075PSI), sans utiliser d'outils
DisConnexion under pressure allowed	Disconnessione in pressione consentita	Entkuppeln unter Druck erlaubt	Déconnexion sous pression possible
Interchangeability according to Faster internal Standards	Intercambiabilità secondo Norma interna Faster	Austauschbarkeit Faster internen Standard	Interchangeabilité conformément à la norme interne Faster
No spillage during Connexion and disConnexion	Assenza di spillaggio durante connessione e disconnessione	Kein Leckage während des Kuppel und Entkuppelvorgangs	Pas fuite lors de la connexion et la déconnexion
Female part equipped with axial rotation adapters.	Parte femmina equipaggiata con adattatori liberi in rotazione assiale.	Muffe mit axialem Drehapter ausgestattet	La partie femelle possède des adapteurs libres en rotation axiale
Mating threads heat treated and made to Rd profile.	Filetti di connessione a profilo Rd trattati termicamente	Verbindungsgewinde als Rundgewinde	Filetage de connexion avec un profilé RD traité thermiquement
High volume flow and reduced pressure drop is ensured by specially designed components.	Elevata portata grazie ai profili interni speciali per ridurre perdite di carico.	Hoher Durchfluß, gewährleistet bei niedrigem Druckverluste durch Spezialtechnik	Haut débit grâce aux profils internes spécifiques qui réduisent les pertes de charge
<b>Fields of application</b> <b>Settori di applicazione</b> <b>Anwendungsbereiche</b> <b>Domaines d'application</b>			

Size Base BG Taille	Max Working pressure Max pressione di esercizio Betriebsdruck Pression de service				Flow Rate Portata Durchflussmenge Débit	Min Burst Pressures Min Pressione di scoppio Berstdruck Pression d'éclatement		
	MPa (PSI)	MPa (PSI)	MPa (PSI)	l/min (GPM)		MPa (PSI)	MPa (PSI)	MPa (PSI)
20 3/4"	35 (5075)	46 (6650)	46 (6650)	120 (32)	140 (20300)	140 (20300)	160 (23200)	
25 1"	46 (6650)	35 (5075)	46 (6650)	200 (53)	140 (20300)	140 (20300)	160 (23200)	
40 1-1/2"	35 (5075)	35 (5075)	40 (5800)	420 (111)	160 (23200)	140 (20300)	160 (23200)	
50 2"	30 (4350)	30 (4350)	35 (5075)	750 (198)	80 (11600)	100 (14500)	120 (17400)	

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
<p>FEMALE: high grade steel carbonitrided wearing parts MALE: high grade carbon steel induction hardened</p>	<p>FEMMINA: in acciaio con parti sollecitate carbonitrate MASCHIO: in acciaio al carbonio temprato ad induzione</p>	<p>MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet</p>	<p>FEMELLE: Acier avec zones d'usure carbonitrurées MALE: acier à haute teneur trempés par induction</p>
<p>Polyurethane and NBR Backup ring in PTFE</p>	<p>Polyuretano e NBR Anello antiestrusione PTFE</p>	<p>Polyurethan und NBR Stützring in PTFE</p>	<p>Polyuréthane et NBR Anneau anti-extrusion en PTFE</p>
<p>-25°C to +100°C (-13°F to +212°F)</p>	<p>-25°C a +100°C (-13°F a +212°F)</p>	<p>-25°C bis +100°C (-13°F bis +212°F)</p>	<p>-25°C à +100°C (-13°F à +212°F)</p>
<p>Mate1000®</p>	<p>Mate1000®</p>	<p>Mate1000®</p>	<p>Mate1000®</p>
<p>100.000 cycles at max rated working pressure disconnected 1.000.000 cycles at max. rated working pressure connected</p>	<p>100.000 cicli alla massima pressione d'esercizio ad innesti disconnessi 1.000.000 di cicli alla massima pressione d'esercizio ad innesti connessi</p>	<p>100.000 Impulse mit maximalem Arbeitsdruck entkuppelt 1.000.000 Impulse mit maximalem Arbeitsdruck gekuppelt</p>	<p>100.000 cycles à la pression de service maximal, déconnecté 1.000.000 de cycles à la pression de service maximal connecté</p>

### Thread Adapter - Adattatore Filettato - Gewindeadapter - Raccordement Fileté

Size Base BG Taille	Part Number Codice Articolo Artikelnummer Désignation	Thread Filetto Anschluss Filetage	A	E	B	C	L	D	H	X / Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
20 3/4"	FHV12 34GAS F	FHV12 34GAS M	3/4" BSP Female	3/4" BSP Female	122 (4.80)	123 (4.84)	207 (8.15)	60 (2.36)	55 (2.17)	46 (1.81)		
20 3/4"	FHV12 34SAE F	FHV12 34SAE M	1 1/16" UN Female	1 1/16" UN Female	122 (4.80)	123 (4.84)	207 (8.15)	60 (2.36)	55 (2.17)	46 (1.81)		
25 1"	FHV16 1GAS F	FHV16 1GAS M	1" BSP Female	1" BSP Female	129 (5.08)	144 (5.67)	231 (9.09)	70 (2.76)	64 (2.52)	55 (2.17)		
25 1"	FHV16 114GAS F	FHV16 114GAS M	1-1/4" BSP Female	1-1/4" BSP Female	129 (5.08)	144 (5.67)	231 (9.09)	70 (2.76)	64 (2.52)	55 (2.17)		
25 1"	FHV16 114NPT F	FHV16 114NPT M	1-1/4" NPTF Female	1-1/4" NPTF Female	129 (5.08)	144 (5.67)	231 (9.09)	70 (2.76)	64 (2.52)	55 (2.17)		
25 1"	FHV16 1SAE F	FHV16 1SAE M	1-5/16" UN Female ORB	1-5/16" UN Female ORB	129 (5.08)	144 (5.67)	231 (9.09)	70 (2.76)	64 (2.52)	55 (2.17)		
40 1-1/2"	FHV24 112GAS F	FHV24 112GAS M	1-1/2" BSP Female	1-1/2" BSP Female	157 (6.18)	187 (7.36)	295 (11.61)	95 (3.74)	83 (3.27)	65 (2.56)		
40 1-1/2"	FHV24 112NPT F	FHV24 112NPT M	1-1/2" NPTF Female	1-1/2" NPTF Female	157 (6.18)	187 (7.36)	295 (11.61)	95 (3.74)	83 (3.27)	65 (2.56)		
50 2"	FHV32 2NPT F	FHV32 2NPT M	2" NPTF Female	2" NPTF Female	187 (7.36)	231 (9.09)	369 (14.53)	122 (4.80)	115 (4.53)	85 (3.35)		

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agrartechnik  
Push Pull - Agriculture

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A Visser

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Rückschläventile  
Clapet Anti-retour

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Diagnostik Kupplung  
Diagnostik

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Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

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ISO A - ISO B - Standard Series  
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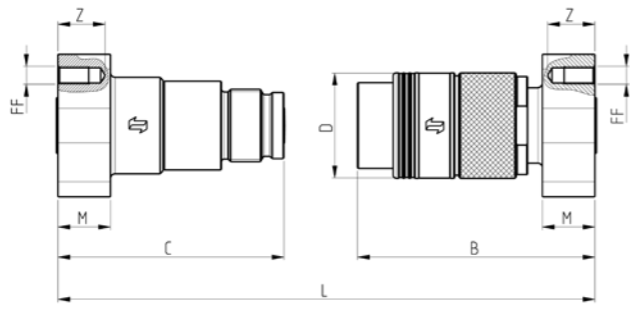
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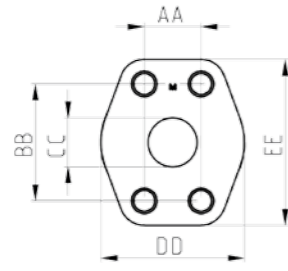
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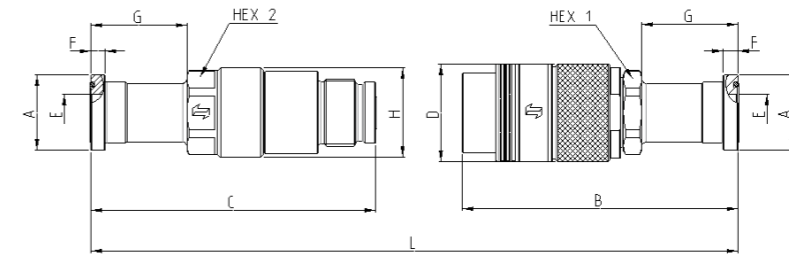


**Flange Adapter - Adattatore con Flangia - Flanschadapter - Reccordement Bride (ISO 6162-2)**

Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation		B	C	L	D	H	M	Z	FF	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
		Female Femmina Muffe Femelle	Male Maschio Stecker Male	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	Metric	g (lbs)	No.
25	1"	FHV16-44/16 F	FHV16-44/16 M	158 (6.22)	151 (5.94)	267 (10.51)	70 (2.76)	64 (2.52)	35 (1.38)	23.5 (0.93)	4*M12x1.75		
25	1"	FHV16-44/20 F	FHV16-44/20 M	158 (6.22)	151 (5.94)	267 (10.51)	70 (2.76)	64 (2.52)	35 (1.38)	20.5 (0.81)	4*M12x1.75		
40	1-1/2"	FHV24-44/24 F	FHV24-44/24 M	192 (7.56)	197 (7.76)	340 (13.39)	95 (3.74)	83 (3.27)	46 (1.81)	27.5 (1.08)	4*M16x2		
50	2"	FHV32-44/32 F	FHV32-44/32 M	230 (9.06)	253 (9.96)	427 (16.81)	122 (4.80)	115 (4.53)	50 (1.97)	35 (1.38)	4*M20x2.5		



Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation		BB	AA	CC	EE	DD
		Female Femmina Muffe Femelle	Male Maschio Stecker Male	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
25	1"	FHV16-44/16 F	FHV16-44/16 M	57.2 (2.25)	27.8 (1.09)	25 (0.98)	81 (3.19)	70 (2.76)
25	1"	FHV16-44/20 F	FHV16-44/20 M	66.6 (2.62)	31.8 (1.25)	32 (1.26)	95.2 (3.75)	78 (3.07)
40	1-1/2"	FHV24-44/24 F	FHV24-44/24 M	79.3 (3.12)	36.5 (1.44)	38 (1.50)	112.8 (4.44)	95 (3.74)
50	2"	FHV32-44/32 F	FHV32-44/32 M	96.8 (3.81)	44.5 (1.75)	51 (2.00)	132.8 (5.23)	114 (4.49)



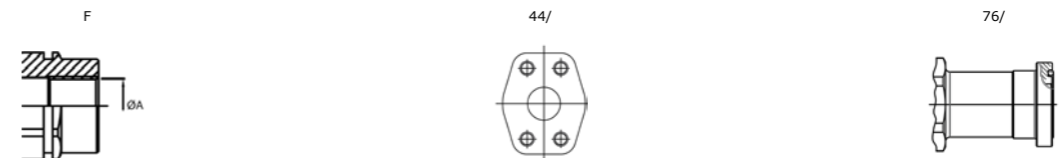
**Flange Head Adapter - Codolo per Flangia - Flanschtelleradapter - Fixation raccordement Bride (ISO 6162-2)**

Size Base BG Taille		Part Number Codice Articolo Artikelnummer Désignation		A	B	C	L	D	H	E	F	G	HEX 1	HEX 2	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
		Female Femmina Muffe Femelle	Male Maschio Stecker Male	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
25	1"	FHV16-76/16 F	FHV16-76/16 M	47.6 (1.87)	191 (7.52)	198 (7.80)	347 (13.66)	70 (2.76)	64 (2.52)	25 (0.98)	9.5 (0.37)	62 (2.44)	55 (2.17)	55 (2.17)		
25	1"	FHV16-76/20 F	FHV16-76/20 M	54 (2.13)	198 (7.80)	205 (8.07)	361 (14.21)	70 (2.76)	64 (2.52)	32 (1.26)	10.3 (0.41)	69 (2.72)	55 (2.17)	55 (2.17)		
40	1-1/2"	FHV24-76/24 F	FHV24-76/24 M	63.5 (2.50)	236 (9.29)	247 (9.72)	434 (17.09)	95 (3.74)	83 (3.27)	38 (1.50)	12.6 (0.50)	79 (3.11)	65 (2.56)	75 (2.95)		
50	2"	FHV32-76/32 F	FHV32-76/32 M	79.4 (3.13)	288 (11.34)	332 (13.07)	558 (21.97)	122 (4.80)	115 (4.53)	51 (2.00)	12.6 (0.50)	95 (3.74)	85 (3.35)	85 (3.35)		

**Accessories - Accessori - Zubehör - Accessoires**

Size Base BG Taille	Dust protections Tappi Protezione Staubschutzteile Capuchons		Dust protections Tappi Protezione Staubschutzteile Capuchons	
	Aluminum	Aluminum	Aluminum	Aluminum
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation	Part Number Codice Articolo Artikelnummer Désignation
20	3/4"			
25	1"	TF FHV16 S		TM FHV16 S
40	1-1/2"	TF FHV24 S		TM FHV24 S
50	2"	TF FHV32 S		TM FHV32 S

**Thread Filetto Anschluss Filetage**



ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Standard Series  
ISO A - ISO B - Standard Series

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Push Pull - Agricoltura  
Push Pull - Aüsführung Agritechnik  
Push Pull - Agriculture

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Push Pull - Agriculture

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Clapet Anti-retour

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Diagnostik

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Innesti Faccia Piana  
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Agricoltura  
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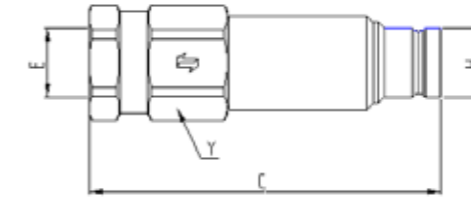
Check Valves  
Valvole Unidirezionali  
Rückschläventile  
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# 3FFH



# 3FFH

## Features

Connexion by pushing the male coupling  
 DisConnexion by pulling back the female sleeve  
 Shut off by flat face valve  
 Connectable under residual pressure (35MPa-5075PSI) allowed  
 DisConnexion under pressure not allowed  
 Interchangeability according to ISO 16028  
 No spillage during Connexion and disConnexion

## Caratteristiche

Connessione spingendo la parte maschio  
 Disconnessione mediante arretramento ghiera parte femmina  
 Sistema di tenuta mediante valvola piana  
 Innestabile con pressione residua (35MPa-5075PSI) consentita  
 Disconnessione con pressione residua non consentita  
 Intercambiabilità secondo norma ISO 16028  
 Assenza di spillaggio durante connessione e disconnessione

## Merkmale

Kuppeln durch Einstecken des Kupplungssteckers  
 Entkuppeln, durch Zurückziehen der Verriegelungshülse  
 Verschluss durch " Flat Face " Ventil  
 Unter Restdruck kuppelbar (35MPa-5075PSI) erlaubt  
 Entkuppeln unter Druck nicht erlaubt  
 Austauschbarkeit gemäß ISO 16028 Standard  
 Kein Leckage während des Kuppel und Entkuppelvorgangs

## Caractéristiques

Connexion en poussant le coupleur mâle  
 Déconnexion en tirant la bague femelle  
 Clapet à Face Plate  
 Connexion sous pression (35MPa-5075PSI) permis  
 Déconnexion sous pression non autorisée  
 Interchangeabilité selon ISO 16028  
 Pas de fuites lors de la connexion et la déconnexion

## Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Max Working pressure Max pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchflussmenge Débit	Min Burst Pressures Min Pressione di scoppio Berstdruck Pression d' éclatement
		@ 0,2 MPa pressure drop	
mm	MPa (PSI)	l/min (GPM)	MPa (PSI)
10	35 (5075)	35 (9.24)	140 (20300)
12.5	35 (5075)	65 (17.17)	140 (20300)
19	35 (5075)	115 (30.38)	140 (20300)

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
<p>High grade carbon steel with hardened specific stressed area</p>	<p>Acciaio ad alto tenore di carbonio con parti sollecitate temprate</p>	<p>High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone</p>	<p>Acier à haute teneur en carbone trempé ou carbonitruré pour les parties particulièrement stressées</p>
<p>Polyurethane and NBR Backup ring in PTFE</p>	<p>Polyuretano e NBR Anello antiestrusione PTFE</p>	<p>Polyurethan und NBR Stützring in PTFE</p>	<p>Polyuréthane et NBR Anneau anti-extrusion en PTFE</p>
<p>-25°C to +100°C (-13°F to +212°F)</p>	<p>-25°C to +100°C (-13°F to +212°F)</p>	<p>-25°C to +100°C (-13°F to +212°F)</p>	<p>-25°C to +100°C (-13°F to +212°F)</p>
<p>Mate1000®</p>	<p>Mate1000®</p>	<p>Mate1000®</p>	<p>Mate1000®</p>
<p>100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected</p>	<p>100.000 cicli al 133% della pressione d'esercizio a innesti diconnessi 1.000.000 di cicli al 133% della pressione d'esercizio a innesti connessi</p>	<p>100.000 Zyklen bei 133% des angegebenen Betriebsdruckes ungekuppelt 1.000.000 Zyklen bei 133% des angegebenen Betriebsdruckes - gekuppelt</p>	<p>100.000 cycles à 133% de la pression de service, déconnecté 1.000.000 de cycles à 133% de la pression de service, connecté</p>

## Male - Maschio - Stecker - Male :

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	E	C	H	P	Y	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm	inch.		mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	g (lbs)	No.
10	3/8"	F 3FFH06 38GAS M	3/8" BSP Female	97 (3.82)	19.7 (0.78)		30 (1.18)		
10	3/8"	F 3FFH06 38NPT M	3/8" NPTF Female	97 (3.82)	19.7 (0.78)		30 (1.18)		
12.5	1/2"	F 3FFH08 12GAS M	1/2" BSP Female	116 (4.57)	24.5 (0.96)		34 (1.34)		
12.5	1/2"	F 3FFH08 12NPT M	1/2" NPTF Female	118 (4.65)	24.5 (0.96)		34 (1.34)		
12.5	1/2"	F 3FFH08 12SAE M	3/4" UNF Female	116 (4.57)	24.5 (0.96)		34 (1.34)		
12.5	1/2"	F 3FFH08 34SAE M	1-1/16" UN Female	122 (4.80)	24.5 (0.96)		34 (1.34)		
12.5	1/2"	12/ 3FFH08-12/58S M	1" UNS Male Bulkhead ORFS	145 (5.71)	24.5 (0.96)	41 (1.61)	34 (1.34)		
12.5	1/2"	12/ 3FFH08-12/34S M	1-3/16" UN Male Bulkhead ORFS	146 (5.75)	24.5 (0.96)	42 (1.65)	34 (1.34)		
12.5	1/2"	14/ 3FFH08-14/12S M	3/4" - 16 UNF Male Bulkhead	141 (5.55)	24.5 (0.96)	37 (1.46)	34 (1.34)		
12.5	1/2"	14/ 3FFH08-14/58S M	7/8" - 14 UNF Male Bulkhead	144 (5.67)	24.5 (0.96)	40 (1.57)	34 (1.34)		
12.5	1/2"	14/ 3FFH08-14/34S M	1-1/16"-12 UN 2A Male Bulkhead	149 (5.87)	24.5 (0.96)	44 (1.73)	34 (1.34)		
19	3/4"	F 3FFH12 34GAS M	3/4" BSP Female	128 (5.04)	29.9 (1.18)		42 (1.65)		

ISO A - ISO B - Standard Series  
 ISO A - ISO B - Serie Standard  
 ISO A - ISO B - Standard Series  
 ISO A - ISO B - Standard Series

Push Pull - Agriculture  
 Push Pull - Agricoltura  
 Push Pull - Aüsführung Agrartechnik  
 Push Pull - Agriculture

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 Clapet Anti-retour

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 Diagnostik Kupplung  
 Diagnostik

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 Innesti Faccia Piana  
 Flachdichtend  
 Clapet à Face Plat

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 Flachdichtend  
 Clapet à Face Plat

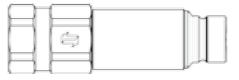




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# 3FFH

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agritechnik  
Push Pull - Agriculture

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille		Dust protections Tappi Protezione Staubschutzteile Capuchons	
			
		PVC	
mm	inch.	Part Number Codice Articolo Artikelnummer Désignation	
10	3/8"	TF 38	
12.5	1/2"	TF 2FI 12	
19	3/4"	TF 2FI 34	

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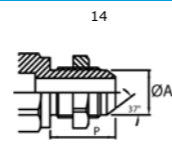
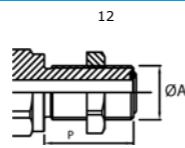
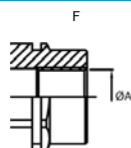
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Diagnostik

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Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

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## Thread Filetto Anschluss Filetage



# 4BD4FH

## Features

Connexion by pushing the male coupling  
DisConnexion by pulling back the female sleeve  
Shut off by flat valve  
Connexion under pressure using 3FFH Series  
DisConnexion under pressure in 2 steps  
Interchangeability according to ISO 16028  
No spillage during Connexion and disConnexion  
Same fixing points as 4BD4FI block



## Caratteristiche

Connessione spingendo la parte maschio  
Disconnessione mediante arretramento ghiera parte femmina  
Sistema di tenuta mediante valvola piana  
Connessione in pressione usando la Serie 3FFH  
Disconnessione in pressione in due fasi  
Intercambiabilità secondo norme ISO 16028  
Assenza di spillaggio durante connessione e disconnessione  
Punti di fissaggio come blocco 4BD4FI



## Merkmale

Kuppeln durch Einstecken des Kupplungssteckers  
Entkuppeln, durch Zurückziehen der Verriegelungshülse  
Verschluss durch flachdichtendes Ventil  
Kuppeln unter Druck mit 3FFH Steckern  
Entkuppeln unter Druck in 2 Schritten  
Austauschbarkeit gemäß ISO 16028 Standard  
Kein Leckage während des Kuppel und Entkuppelvorgangs  
Identische Befestigungsbohrungen wie Block 4BD4FI



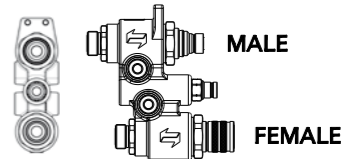
## Caractéristiques


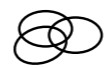



Connexion en poussant le coupleur mâle  
Déconnexion en en tirant la bague femelle  
Clapet à Face Plate  
Connexion sous pression avec la série 3FFH  
Déconnexion sous pression en deux étapes  
Interchangeabilité selon ISO 16028  
Pas de fuites lors de la connexion et la déconnexion  
Points de fixation identique bloc 4BD4FI



## Fields of application Settori di applicazione Anwendungsbereiche Domaines d'application



Size Base BG Taille	Max working pressure Max pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchflussmenge Débit	Min burst pressures Min pressione di scoppio Berstdruck Pression d'éclatement
		@ 0,2 MPa pressure drop	
mm	inch	MPa (PSI)	MPa (PSI)
12.5	1/2"	35 (5075)	100 (26.4)
20	3/4"	35 (5075)	145 (38.3)

Technical Specifications	Specifiche Tecniche	Technische Daten	Caractéristiques Techniques
 FEMALE: high grade steel carbonitrided wearing parts. MALE: high grade carbon steel induction hardened.	FEMMINA: in acciaio con parti sollecitate carbonitrate. MASCHIO: in acciaio al carbonio temprato ad induzione	MUFFE: Hochwehrtiger Karbonnitritstahl in besonders beanspruchten Zonen. STECKER: Hochwehrtiger Karbonstahl induktionsgehärtet	FEMELLE: Acier avec les zones d'usure. MALE: acier à haute teneur trempés par induction
 Polyurethane and NBR Backup ring in PTFE	Polyuretano e NBR Anello antiestrusione PTFE	Polyurethan und NBR Stützring in PTFE	Polyuréthane et NBR Anneau anti-extrusion en PTFE
 -25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)	-25°C to +100°C (-13°F to +212°F)
 Mate500 <sup>®</sup> Mate1000 <sup>®</sup>	Mate500 <sup>®</sup> Mate1000 <sup>®</sup>	Mate500 <sup>®</sup> Mate1000 <sup>®</sup>	Mate500 <sup>®</sup> Mate1000 <sup>®</sup>
 According to ISO 7241-2	Secondo la norma ISO 7241-2	Nach ISO 7241-2	Selon la norme ISO 7241-2

ISO A - ISO B - Standard Series  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard  
ISO A - ISO B - Serie Standard

Push Pull - Agriculture  
Push Pull - Agricoltura  
Push Pull - Aüsführung Agritechnik  
Push Pull - Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschläventile  
Clapet Anti-retour

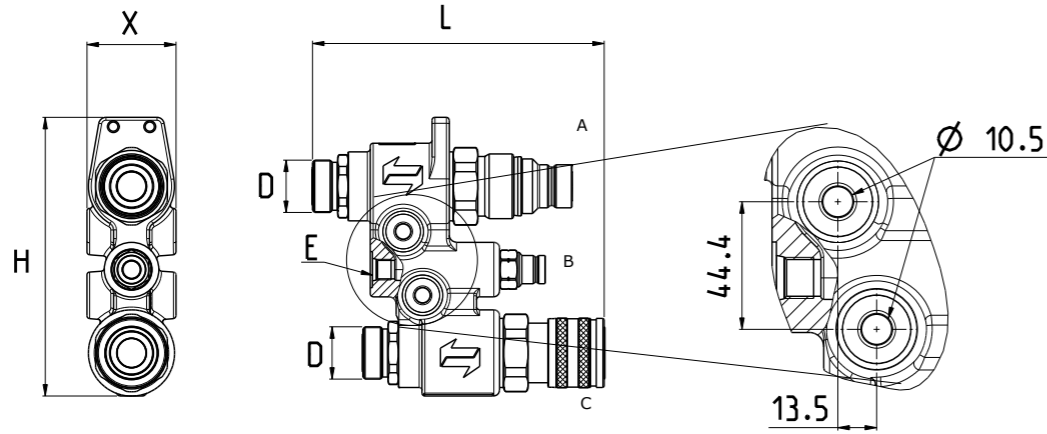
Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostik

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconessioni  
Multikupplungen  
Multifaster



# 4BD4FH



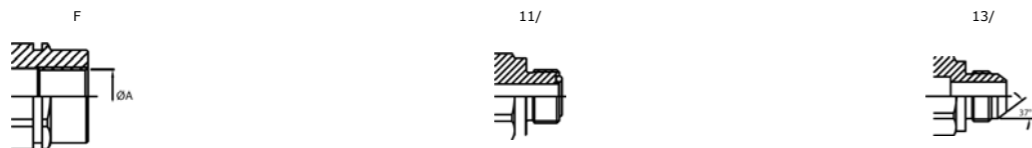
## Configuration - Configurazione - Konfiguration - Configuration

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	D	E	L	H	X	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis
mm inch					mm (in)	mm (in)	mm (in)	g (lbs)	No.
12.5 1/2"	F	4BD4FH08-11/12S		9/16" - 18 UNF 2B Female	179 (7.05)	194 (7.64)	62 (2.44)		
12.5 1/2"	F	4BD4FH08-11/34S		9/16" - 18 UNF 2B Female	202 (7.95)	194 (7.64)	62 (2.44)		
12.5 1/2"	F	4BD4FH08-13/34S		9/16" - 18 UNF 2B Female	188 (7.40)	194 (7.64)	62 (2.44)		
12.5 1/2"	11/	4BD4FH08-11/12S	13/16"-16 UN 2A Male	-	179 (7.05)	194 (7.64)	62 (2.44)		
12.5 1/2"	11/	4BD4FH08-11/34S	1-3/16"-12 UN 2A Male	-	202 (7.95)	194 (7.64)	62 (2.44)		
12.5 1/2"	13/	4BD4FH08-13/34S	1-1/16"-12 UN 2A Male	-	188 (7.40)	194 (7.64)	62 (2.44)		
20 3/4"	F	4BD4FH12-11/12S		9/16" - 18 UNF 2B Female	199 (7.83)	194 (7.64)	62 (2.44)		
20 3/4"	F	4BD4FH12-11/34S		9/16" - 18 UNF 2B Female	203 (7.99)	194 (7.64)	62 (2.44)		
20 3/4"	F	4BD4FH12-13/34S		9/16" - 18 UNF 2B Female	189 (7.44)	194 (7.64)	62 (2.44)		
20 3/4"	11/	4BD4FH12-11/12S	13/16"-16 UN 2A Male		199 (7.83)	194 (7.64)	62 (2.44)		
20 3/4"	11/	4BD4FH12-11/34S	1-3/16"-12 UN 2A Male		203 (7.99)	194 (7.64)	62 (2.44)		
20 3/4"	13/	4BD4FH12-13/34S	1-1/16"-12 UN 2A Male		189 (7.44)	194 (7.64)	62 (2.44)		

## Accessories - Accessori - Zubehör - Accessoires

Size Base BG Taille	Part Number Codice Articolo Artikelnummer Désignation
mm inch	
10 3/8"	KIT 4BD-FFH06M
12.5 1/2"	KIT 4FH08 M
12.5 1/2"	KIT 4FH08 M
20 3/4"	KIT 4FH12 M
20 3/4"	KIT 4FH12 M

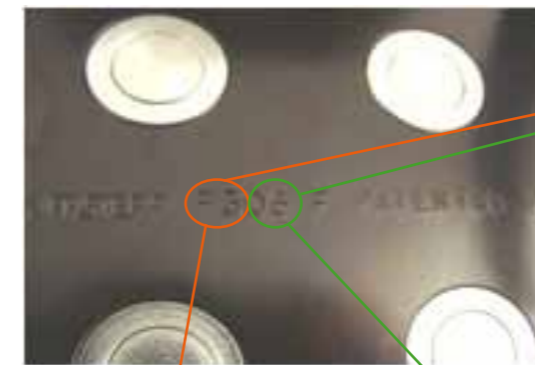
## Thread Filetto Anschluss Filetage



## Identification Guide - Guida Identificativa Bestimmungsführer - Guide d'identification



Reference Riferimento Bezeichnung Référence	Mobile Half Piastra Mobile Mobilteil Partie Mobile
M	KIT2FNP... <b>KIT2FNP...</b> KIT2FNP... KIT2FNP...



Modello Modell Modèle
<b>PB - PS - P2</b> <b>P5 - P6 - P8</b>

Size Base BG Taille
<b>06=3/8"</b> <b>08=1/2"</b> <b>10=1/2"+3/4"</b>

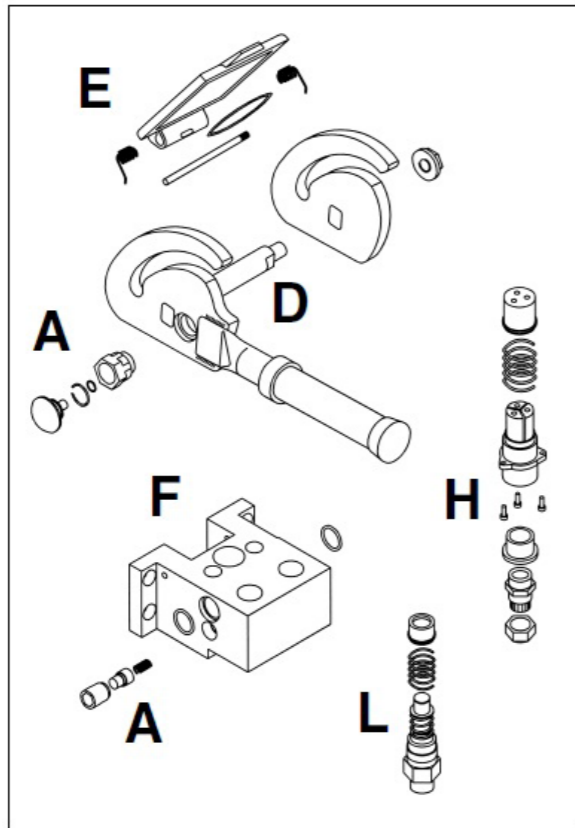
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe
L	KIT2FNB... <b>KIT2FNB...</b> KIT2FNB... KIT2FNB...

Reference Riferimento Bezeichnung Référence	Mobile Half Piastra Mobile Mobilteil Partie Mobile
M	KIT3FNP... <b>KIT3FNP...</b> KIT3FNP... KIT3FNP...

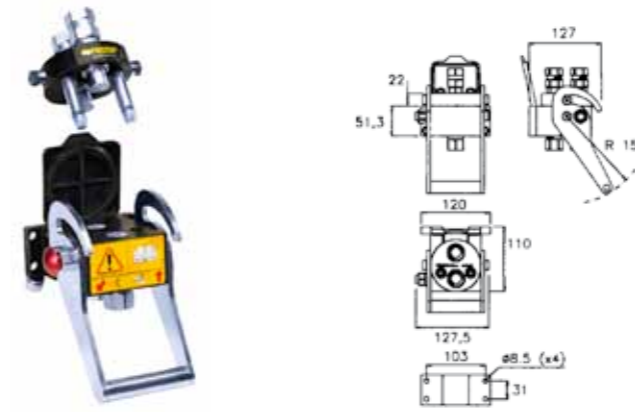
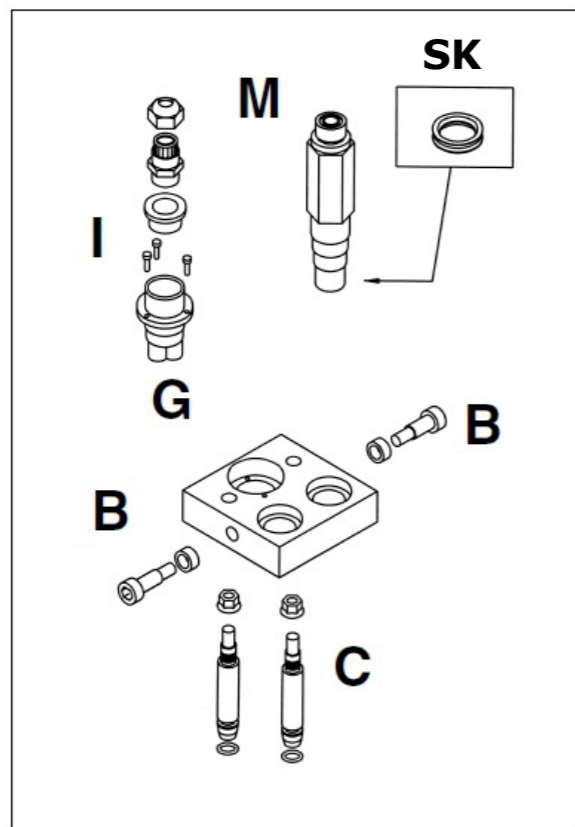
Thread Filetto Anschluss Filetage
...12 GAS = 1/2" BSP ...12 NPT = 1/2" NPT ...12 SAE = 34-16 UNF <b>...34 GAS = 3/4" BSP</b> ...2/2215 = M22x1.5

# Accessories Guide - Accessori Identificativi Accesorios Identificación - Accessoires d'identification

Fixed Half / Parte Fija / Placa fija / Partie Fixe



Mobile Half / Parte Móvil / Placa móvil / Partie Mobile

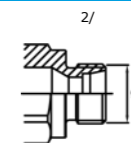
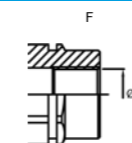


# 2P206 3P206 ( 2 X 3/8" )

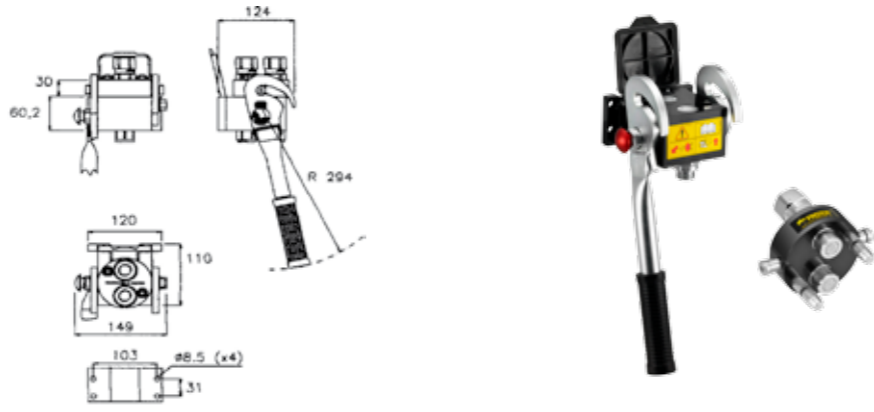
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fxteilte Partie Fixe	Mobile Half Piastra Móvil Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressure Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2P206-2-38G F C	2P206-2-38G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F			3P206-2-38G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	1/2" BSP Female	2P206-2-12G F C	2P206-2-12G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F			3P206-2-12G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	2/	M18x1,5 Male 12L	2P206-2-2/18 F C	2P206-2-2/18 M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	2/	M22x1,5 Male 15L	2P206-2-2/22 F C	2P206-2-2/22 M C	25 (3625)	100 (14500)	40 (10.6)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fxteilte Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Half Piastra Móvil Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP206						
E	KIT TA P2						
A+B+D+E+F	KIT P206 F L						
G+C+B				KIT P206 M			S P2
M				KIT2FNP38GASM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H/I							

Thread Filetto Anschluss Filetage



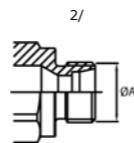
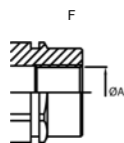
# 2P208 3P208 (2 X 1/2")



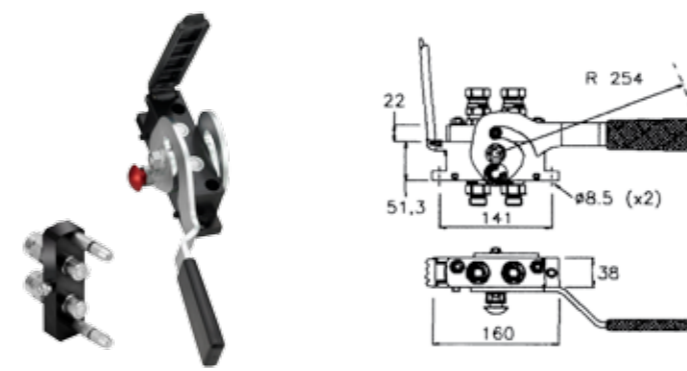
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
12	1/2"	F	1/2" BSP Female	2P208-2-12G F C	2P208-2-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F		3P208-2-12G F C	3P208-2-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" NPT Female	2P208-2-12N F C	2P208-2-12N M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" SAE Female	2P208-2-12S F C	2P208-2-12S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F			3P208-2-12S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	3/4" BSP Female	2P208-2-34G F C	2P208-2-34G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	3/4" SAE Female	2P208-2-34S F C	2P208-2-34S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F			3P208-2-34S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	2/	M22x1,5 Male 15L	2P208-2-2/22 F C	2P208-2-2/22M C	25 (3625)	100 (14500)	70 (18.5)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Coils	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Coils	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP208						
E	KIT TA P2						
A+B+D+E+F	KIT P208 F L						
G+C+B				KIT P208 M			S P2
M				KIT2FNP12GASM	15		
M				KIT2FNP12NPT M	15		
M				KIT2FNP12-2/22M	15		
M				KIT2FNP12-12SM	15		
M				KIT2FNP12-34GM	15		
M				KIT3FNP12-34SM	15		
M				KIT3FNP12-12GAS M	15		
M				KIT3FNP12-12SM	15		
M				KIT3NPT12-2/22M	15		
M				KIT3FNP12-34SM	15		
SK				SK MF 12	10		
L	KIT2FNB12GASF	15					
L	KIT2FNB12NPT F	15					
L	KIT2FNB12-2/22F	15					
L	KIT2FNP12-12SF	15					
L	KIT2FNP12-34GF	15					
L	KIT2FNP12-34SF	15					
H/I							

Thread Filetto Anschluss Filetage



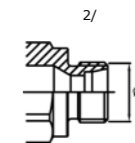
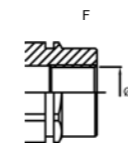
# 2PB06 (2 X 3/8")



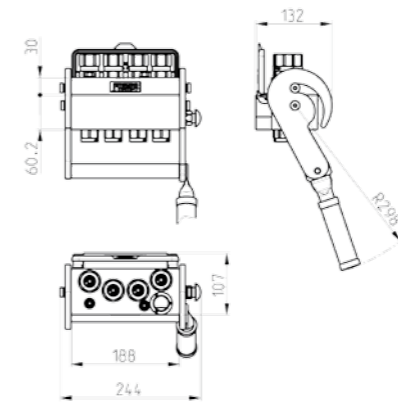
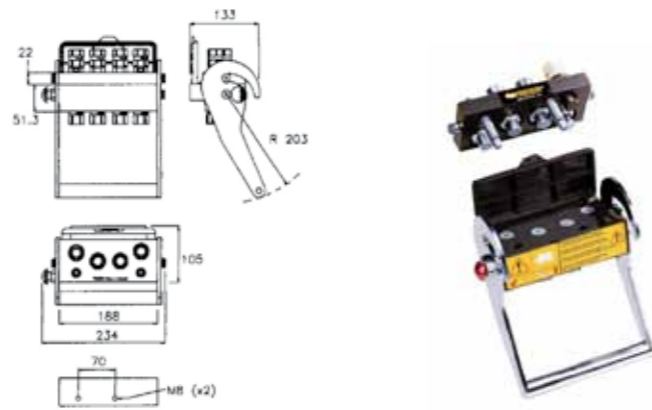
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d' éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2PB06-2-38G F C	2PB06-2-38G MC	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	1/2" BSP Female	2PB06-2-12G F C	2PB06-2-12G MC	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	1/2" BSP Female	2PB06-2-12G F C	3PB06-2-12G MC	25 (3625)	100 (14500)	40 (10.6)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Coils	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Coils	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VPB06			
C				KIT GP4			
D	KIT LPB06						
E	KIT TA P2						
A+B+D+E+F	KIT PB06 F L						
G+C+B				KIT PB06 M			S PB06
M				KIT2FNP38GASM	15		
M				KIT2FNP38-12GM	15		
M				KIT2FNP38-2/18M	15		
M				KIT2FNP38-2/22M	15		
M				KIT3FNP38GASM	15		
M				KIT3FNP38-12GM	15		
M				KIT3FNP12-12GAS M	15		
M				KIT3FNP12-12SM	15		
M				KIT3NPT12-2/22M	15		
M				KIT3FNP12-34SM	15		
SK				SK MF 38	10		
L	KIT2FNB38GASF	15					
L	KIT2FNB38-12GF	15					
L	KIT2FNB38-2/18F	15					
L	KIT2FNB38-2/22F	15					
H/I							

Thread Filetto Anschluss Filetage



# 2PS06 (4 X 3/8")



# 2PS08 (4 X 1/2" + 1 E)

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2PS06-4-38G F C	2PS06-4-38G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	1/2" BSP Female	2PS06-4-12G F C	2PS06-4-12G M C	26 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	2/	M22x1,5 Male 15L	2PS06-4-2/22F C	2PS06-4-2/22M C	25 (3625)	100 (14500)	40 (10.6)	0

Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
12	1/2"	F	1/2" BSP Female	2PS08-1-4-12GFC	2PS08-1-4-12GMC	25 (3625)	100 (14500)	70 (18.5)	1
12	1/2"	2/	M22x1,5 Male 15L	2PS08-1-4-2/2FC	2PS08-1-4-2/2MC	25 (3625)	100 (14500)	70 (18.5)	1

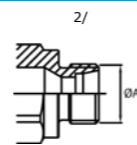
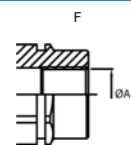
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP606						
E	KIT TA P2						
A+B+D+E+F	KIT PS06 F L						
G+C+B				KIT PS06 M			S PS
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H/I							

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Packungseinheit Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	N/A						
E	KIT TA P6						
A+B+D+E+F	KIT PS08 F L						
G+C+B				KIT PS08 M			S PS
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-2/22M		10	
M				KIT3FNP12GAS M		10	
M				KIT3FNP12-2/22M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-2/22F		10				
H/I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H/I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

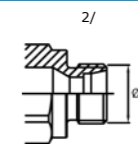
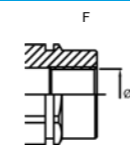
**To be assembled on valves**  
**Applicabile su distributori**  
**Zur Montage auf Ventilblock**  
**À monter sur le distributeur**

Walvoil SDM143/DLM142  
 Nimco CV 452/462  
 Nordhydraulic RMF 200

### Thread Filetto Anschluss Filetage



### Thread Filetto Anschluss Filetage

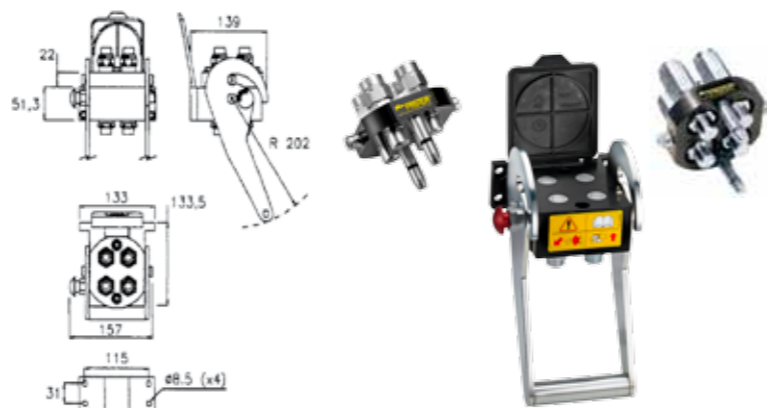


# 2P506

# 3P506

( 4 X 3/8" )

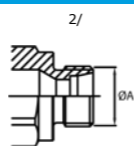
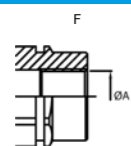
\*1 ( 4 X 3/8" + 1 E )



Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2P506-4-38G F C	2P506-4-38G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F			3P506-4-38G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	1/2" BSP Female	2P506-4-12G F C	2P506-4-12G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F			3P506-4-12G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	2/	M22x1,5 Male 15L	2P506-4-2/22F C	2P506-4-2/22M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	3/8" BSP Female	2P506-1-4-38GFC	2P506-1-4-38GMC	25 (3625)	100 (14500)	40 (10.6)	1(*)

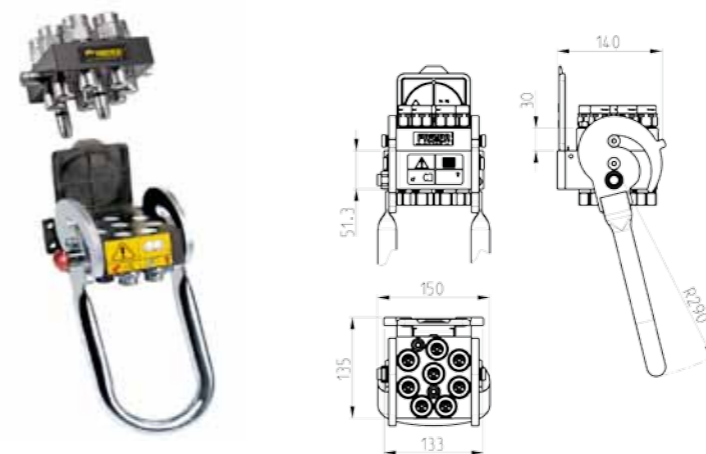
Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4 - (*)KIT VP8			
C				KIT GP4			
D	KIT LP506						
E	KIT TA P5						
A+B+D+E+F	KIT P506 F L - (*)KIT P506-1 F L						
G+C+B				KIT P506 M - (*)KIT P506-1 M			S P5
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GASM		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage



# 2P5068

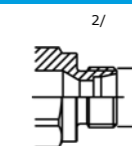
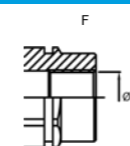
( 8 X 3/8" )



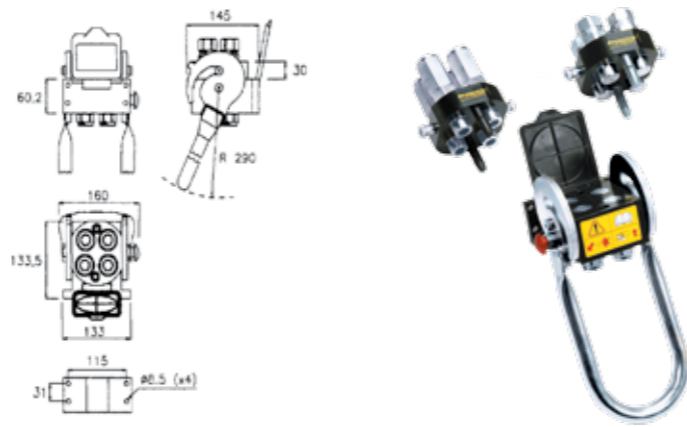
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2P5068-8-38G F C	2P5068-8-38G M C	25 (3625)	100 (14500)	40 (10.6)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5						
B				KIT VP8			
C				KIT GP4			
D	KIT LP508						
E	KIT TA P5						
A+B+D+E+F	KIT P5068 F L						
G+C+B				KIT P5068 M			S P5
M				KIT2FNP38GASM		15	
				KIT2FNP38-12GM		15	
				KIT2FNP38-2/22M		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
	KIT2FNB38-12GF		15				
	KIT2FNB38-2/22F		15				
H / I							

Thread Filetto Anschluss Filetage



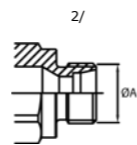
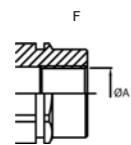
# 2P508 3P508 (4 X 1/2")



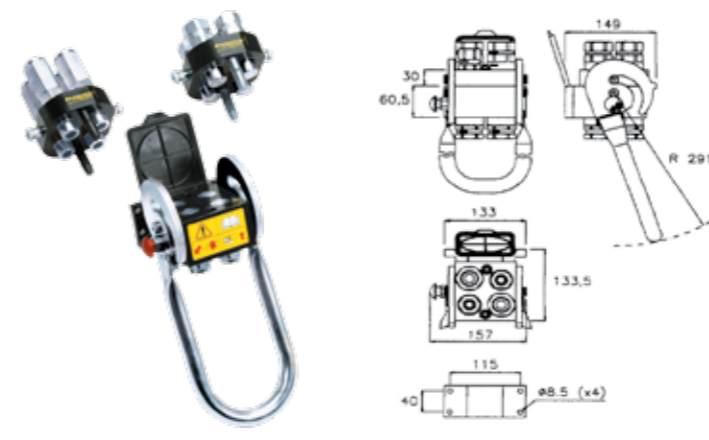
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
12	1/2"	F	1/2" BSP Female	2P508-4-12G F C	2P508-4-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" BSP Female	3P508-4-12G F C (*)	3P508-4-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" NPT Female	2P508-4-12N F C	2P508-4-12N M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	3/4"-16 UNF Female	2P508-4-12S F C	2P508-4-12S M C	25 (3625)	100 (14500)	70 (18.5)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP508						
D	(*) KIT LP506-1						
E	KIT TA P5						
A+B+D+E+F	KIT P508 F L						
G+C+B				KIT P508 M			S P5
M				KIT2FNP12GAS M		10	
M				KIT2FNP12NPT M		10	
M				KIT2FNP12-12SM		10	
M				KIT3FNP12GAS M		10	
M				KIT3FNP12-12SM		10	
M				KIT3FNP12-34SM		10	
SK				SK MF 38		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12NPT F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage



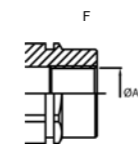
# 2P510 3P510 (2 X 1/2" + 2 X 3/4")



Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
20	3/4"	F	3/4" BSP Female	2P510-2-34G F C	2P510-2-34G M C	25 (3625)	100 (14500)	125 (33)	0
20	3/4"	F	3/4" BSP Female	3P510-2-34G F C	3P510-2-34G M C	25 (3625)	100 (14500)	125 (33)	0
20	3/4"	F	1 1/16-2UN 2B Female	2P510-2-34S F C	2P510-2-34S M C	25 (3625)	100 (14500)	125 (33)	0
20	3/4"	F	1 1/16-2UN 2B Female	2P510-2-34S F C	3P510-2-34S M C	25 (3625)	100 (14500)	125 (33)	0
12 & 20	1/2" & 3/4"	F	1/2" & 3/4" BSP Female	2P510-4-A F C	2P510-4-A M C	25 (3625)	100 (14500)	70 (18.5) & 125 (33)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP510						
E	KIT TA P5						
A+B+D+E+F	KIT P510 F L						
G+C+B				KIT P510 M			S P510
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12NPT M		10	
M				KIT2FNP34GAS M		5	
M				KIT2FNP34-34SM		5	
M				KIT3FNP34GAS M		5	
M				KIT3FNP12-34SM		10	
M				KIT3FNP34-34SM		5	
SK				SK MF 12		10	
SK				SK MF 34		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12NPT F		10				
L	KIT2FNB34GAS F		5				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Thread Filetto Anschluss Filetage



Agriculture  
Agricoltura  
Ausführung Agritechnik  
Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

Agriculture  
Agricoltura  
Ausführung Agritechnik  
Agriculture

Screw Together  
Innesti a Vite  
Schraubkupplungen  
A Visser

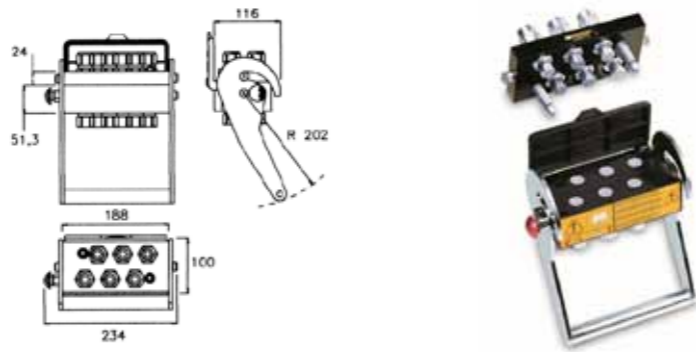
Check Valves  
Valvole Unidirezionali  
Rückschlagventile  
Clapet Anti-retour

Diagnostic  
Diagnostici  
Diagnostik Kupplung  
Diagnostic

Flat Face  
Innesti Faccia Piana  
Flachdichtend  
Clapet à Face Plat

Multifaster  
Multiconnessioni  
Multikupplungen  
Multifaster

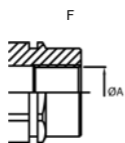
# 2P606 (6 X 3/8")



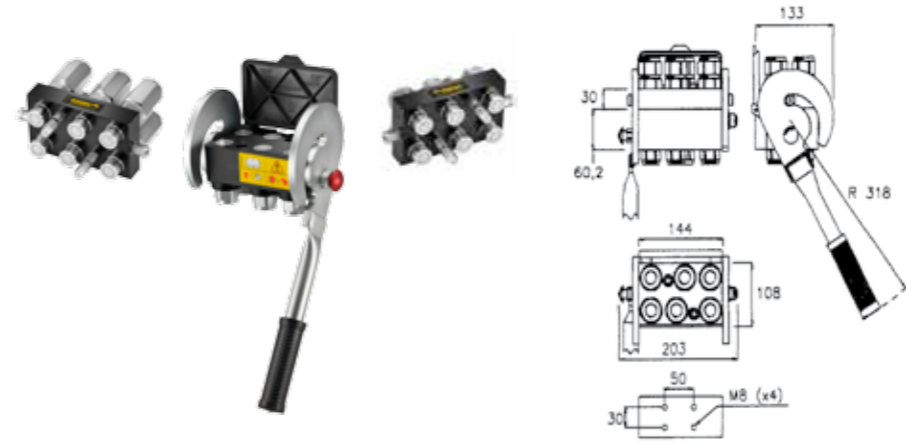
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressure Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
10	3/8"	F	3/8" BSP Female	2P606-6-12G F C	2P206-6-12G M C	25 (3625)	100 (14500)	40 (10.6)	0
10	3/8"	F	3/4"-16 UNF Female	2P606-6-12S F C	2P206-6-12S M C	25 (3625)	100 (14500)	40 (10.6)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Collis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Collis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP4			
C				KIT GP4			
D	KIT LP606						
E	KIT TA P6						
A+B+D+E+F	KIT P606 F L						
G+C+B				KIT P606 M			
M				KIT2FNP38GASM		15	
M				KIT2FNP38-12GM		15	
M				KIT2FNP38-2/18M		15	
M				KIT2FNP38-2/22M		15	
M				KIT3FNP38GAS M		15	
M				KIT3FNP38-12GM		15	
SK				SK MF 38		10	
L	KIT2FNB38GASF		15				
L	KIT2FNB38-12GF		15				
L	KIT2FNB38-2/18F		15				
L	KIT2FNB38-2/22F		15				
H / I							

### Thread Filetto Anschluss Filetage



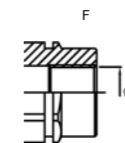
# 2P608 3P608 (6 X 1/2")



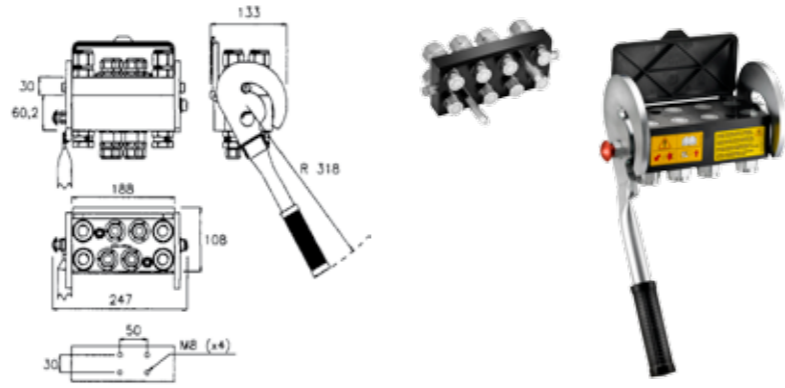
Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikelnummer Désignation	Fixed Half Piastra Fissa Fixteil Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressure Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
12	1/2"	F	3/4" - 16 UNF Female	2P608-4-12S F C	2P608-4-12S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	3/4" - 16 UNF Female	2P608-6-12S F C	2P608-6-12S M C	25 (3625)	101 (14500)	70 (18.5)	0
12	1/2"	F	1-1/16" - 12 UN 2B Female	2P608-6-34S F C	2P608-6-34S M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" BSP Female	2P608-6-12G F C	2P608-6-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" BSP Female	3P608-6-12G F C	3P608-6-12G M C	25 (3625)	100 (14500)	70 (18.5)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixteil Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Collis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Collis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP4			
D	KIT LP608						
E	KIT TA P608						
A+B+D+E+F	KIT P608 F L						
G+C+B				KIT P608 M			S P608
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12-2/22M		10	
M				KIT2FNP12-34SM		10	
M				KIT3FNP12GAS M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

### Thread Filetto Anschluss Filetage



# 2P808 3P808 (8 X 1/2")

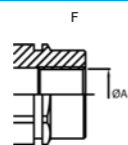


Size Base BG Taille	Thread Filetto Anschluss Filetage	Part Number Codice Articolo Artikeelnummer Désignation	Fixed Half Piastra Fissa Fixtail Partie Fixe	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Working pressure Pressione di esercizio Betriebsdruck Pression de service	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement	Flow Rate Portata Durchsatz Débit	Electrical Lines Linee Elettriche Elektroanschluss Raccordement Electrique	Weight Peso Gewicht Poids
mm	inch				MPa (PSI)	MPa (PSI)	l/min (GPM)		
12	1/2"	F	1/2" BSP Female	2P808-6-12G F C	2P808-6-12G M C	25 (3625)	100 (14500)	70 (18.5)	0
12	1/2"	F	1/2" BSP Female	2P808-8-12G FC	2P808-8-12G MC	25 (3625)	101 (14500)	70 (18.5)	0
12	1/2"	F	1/2" BSP Female	2P808-8-12G FC	3P808-8-12G MC	25 (3625)	100 (14500)	70 (18.5)	0

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixtail Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
A	KIT SP5 S						
B				KIT VP8			
C				KIT GP8			
D	KIT LP808						
E	KIT TA P8						
A+B+D+E+F	KIT P808 F L						
G+C+B				KIT P808 M			S P8
M				KIT2FNP12GAS M		10	
M				KIT2FNP12-12SM		10	
M				KIT2FNP12-2/22M		10	
M				KIT2FNP12-34SM		10	
M				KIT3FNP12GAS M		10	
SK				SK MF 12		10	
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

Reference Riferimento Bezeichnung Référence	Fixed Half Piastra Fissa Fixtail Partie Fixe	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Half Piastra Mobile Mobilteil Partie Mobile	Weight Peso Gewicht Poids	Package Confezione Verpackung Colis	Mobile Part Support Supporto parte mobile Parkplatte Support pour la partie mobile
L	KIT2FNB12GAS F		10				
L	KIT2FNB12-12SF		10				
L	KIT2FNB12-34SF		10				
L	KIT2FNB12-2/22F		10				
H / I	KIT SPEL08-3F		10	KIT SPEL08-3M		10	
H / I	KIT SPEL08-7F		10	KIT SPEL08-7M		10	

### Thread Filetto Anschluss Filetage



Additional Technical Information  
Informazioni Tecniche Aggiuntive  
Zusätzliche Technische Informationen  
Informations Techniques Supplémentaires



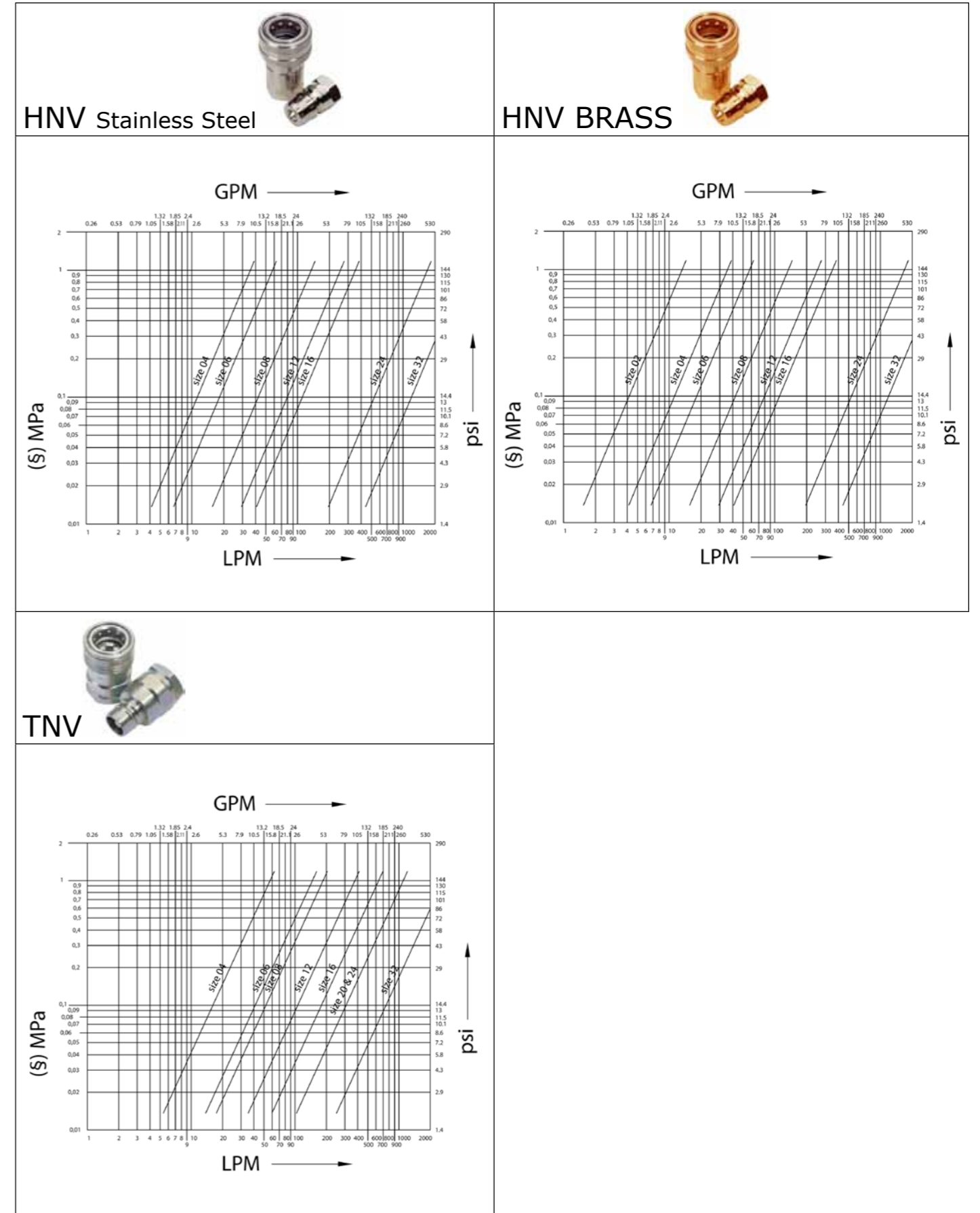
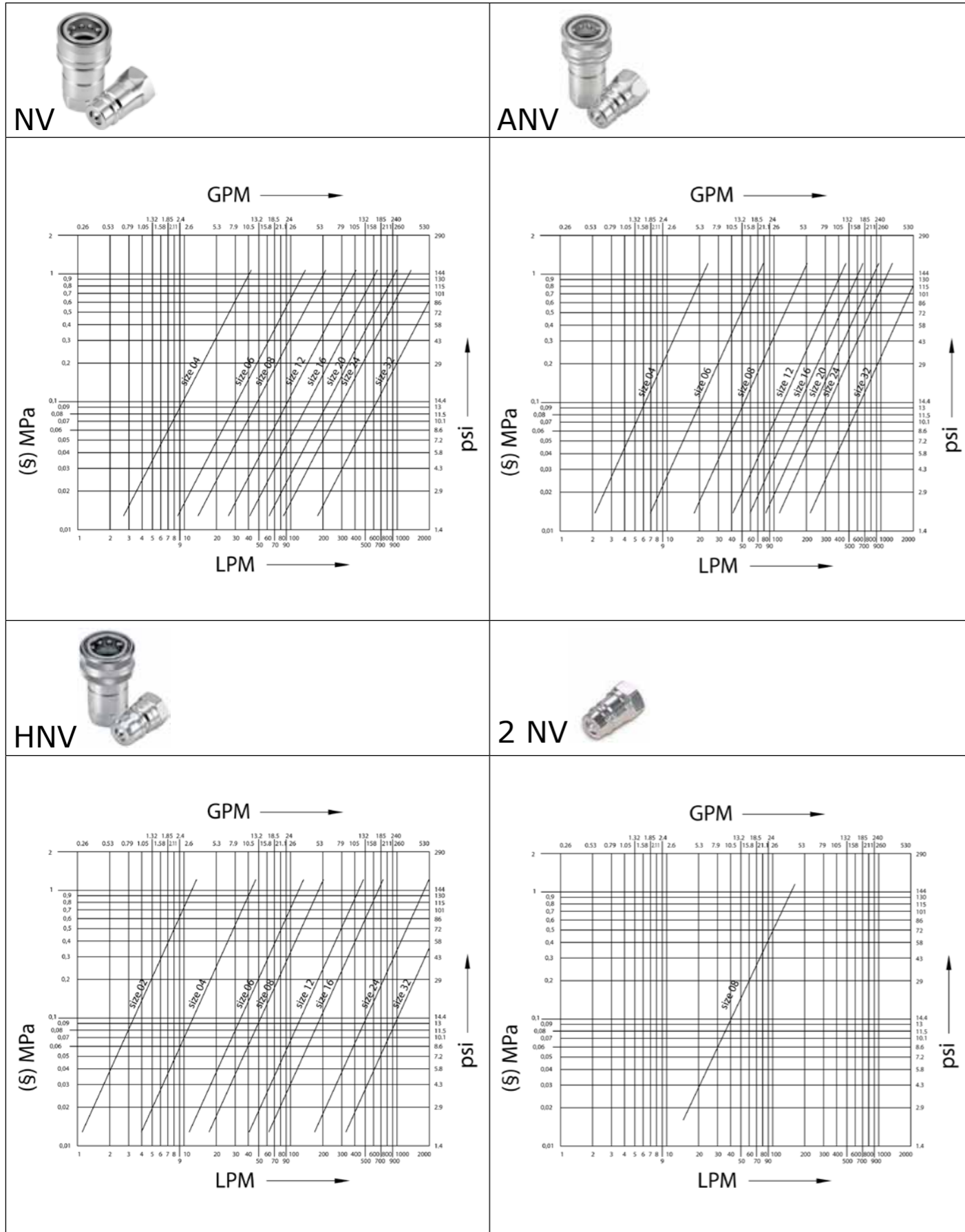


Pressure Drop Chart - Diagramma Perdita di Pressione  
 Druckverlustdiagramm - Diagramme Perte de Charge

Pressure Drop Chart - Diagramma Perdita di Pressione  
 Druck Drop Diagramm - Diagramme Chute de Pression

NV - ANV - HNV - 2 NV

HNV 316 - HNV BRASS - TNV

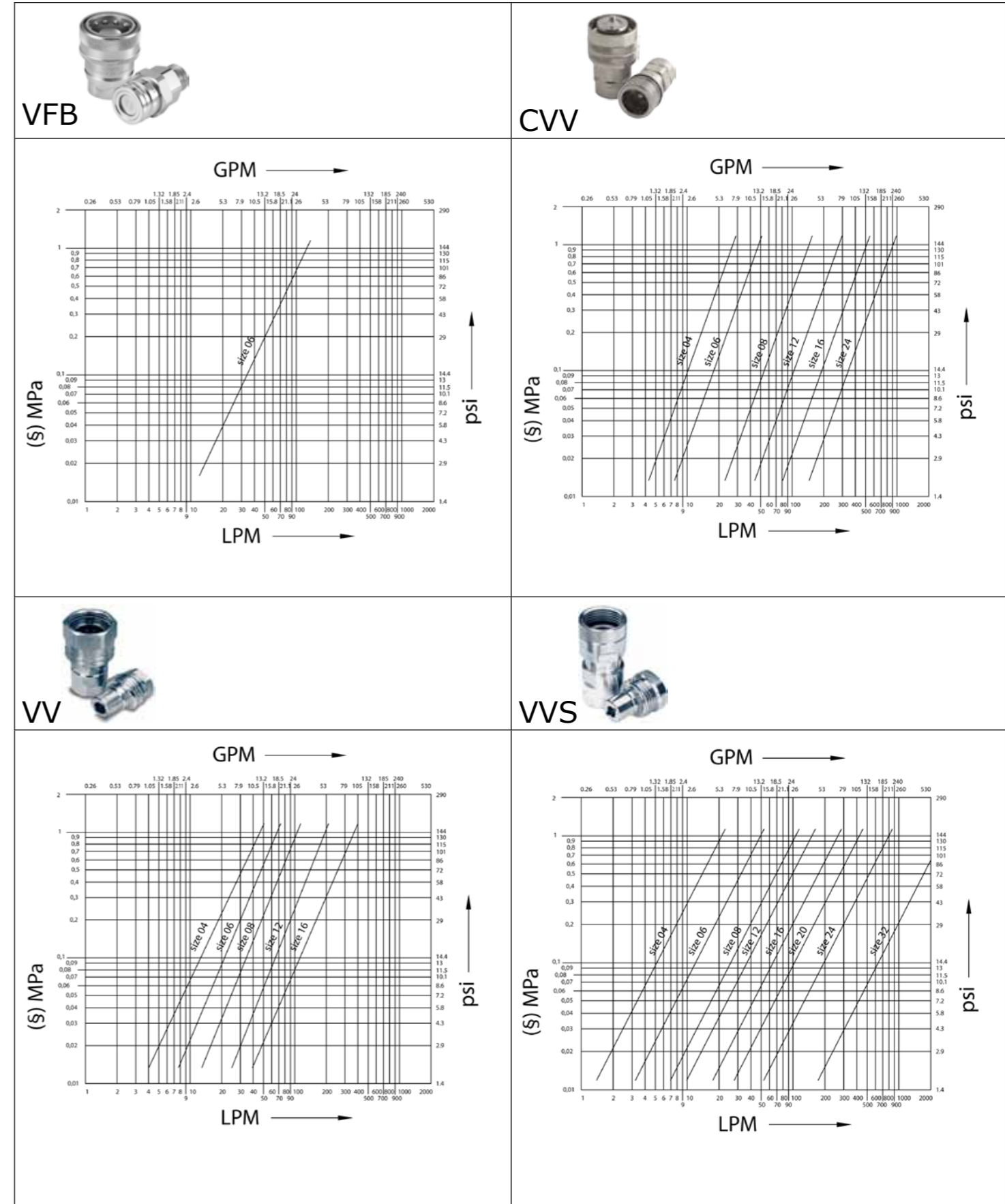
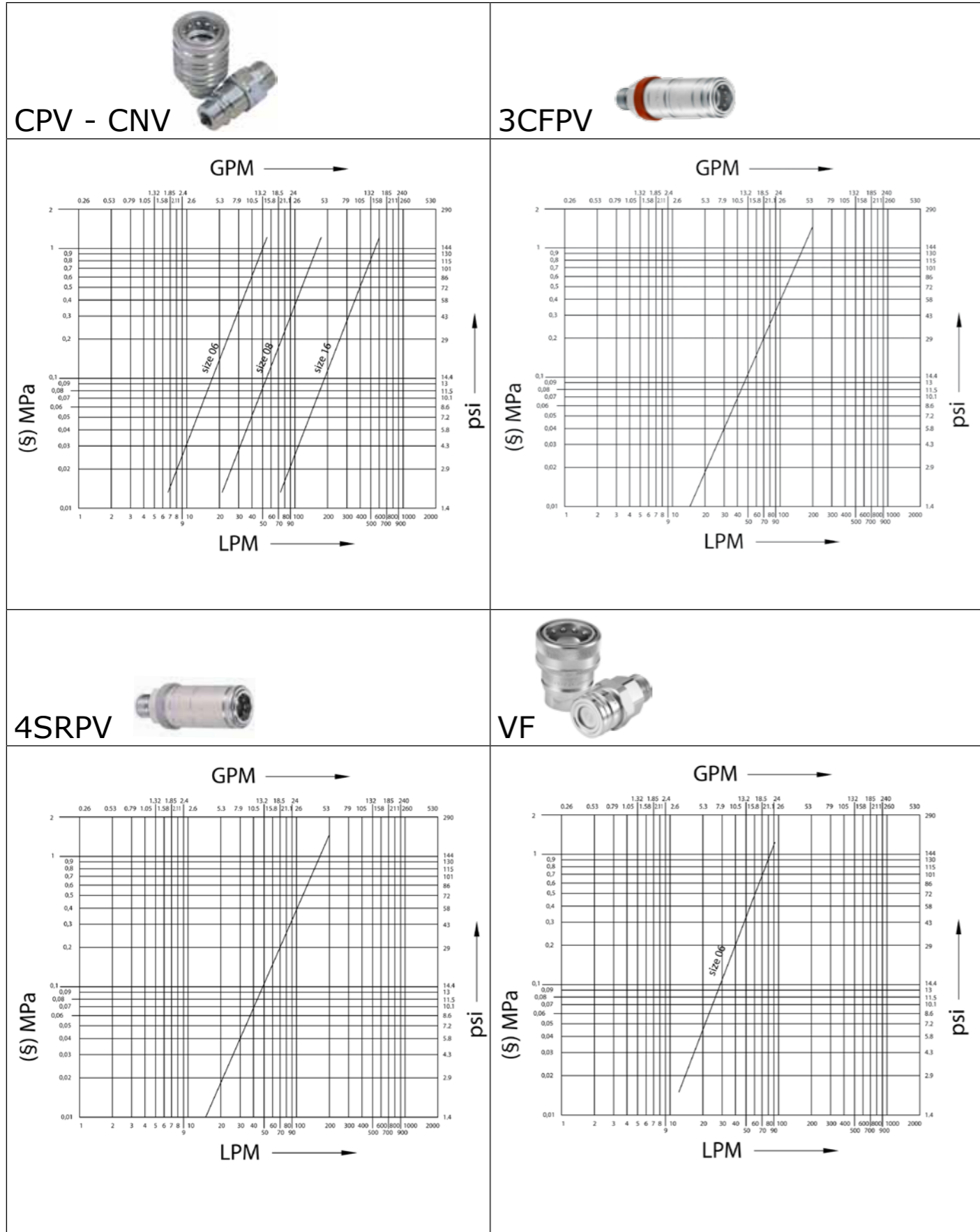


Pressure Drop Chart - Diagramma Perdita di Pressione  
 Druck Drop Diagramm - Diagramme Chute de Pression

Pressure Drop Chart - Diagramma Perdita di Pressione  
 Druck Drop Diagramm - Diagramme Chute de Pression

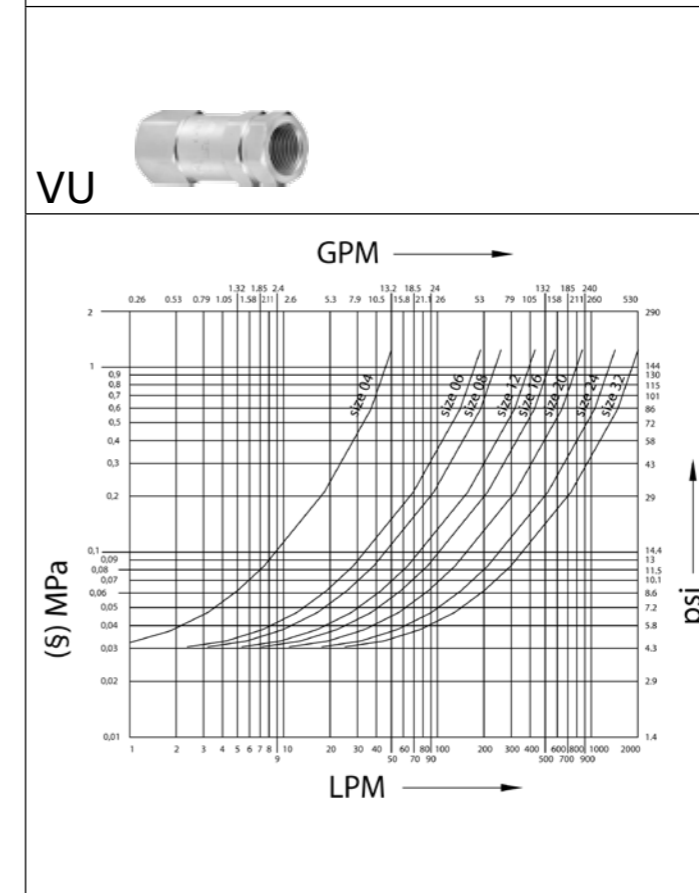
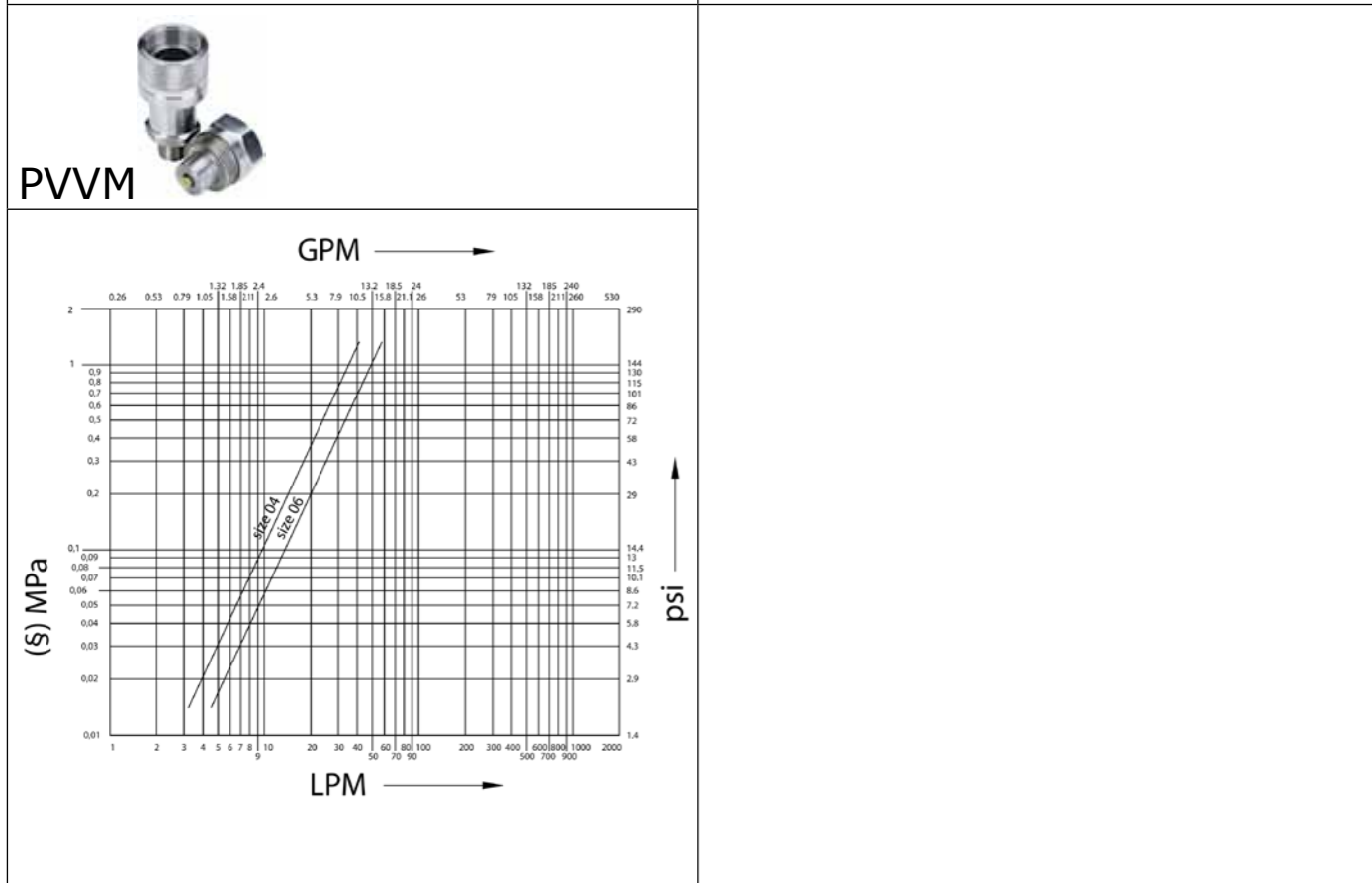
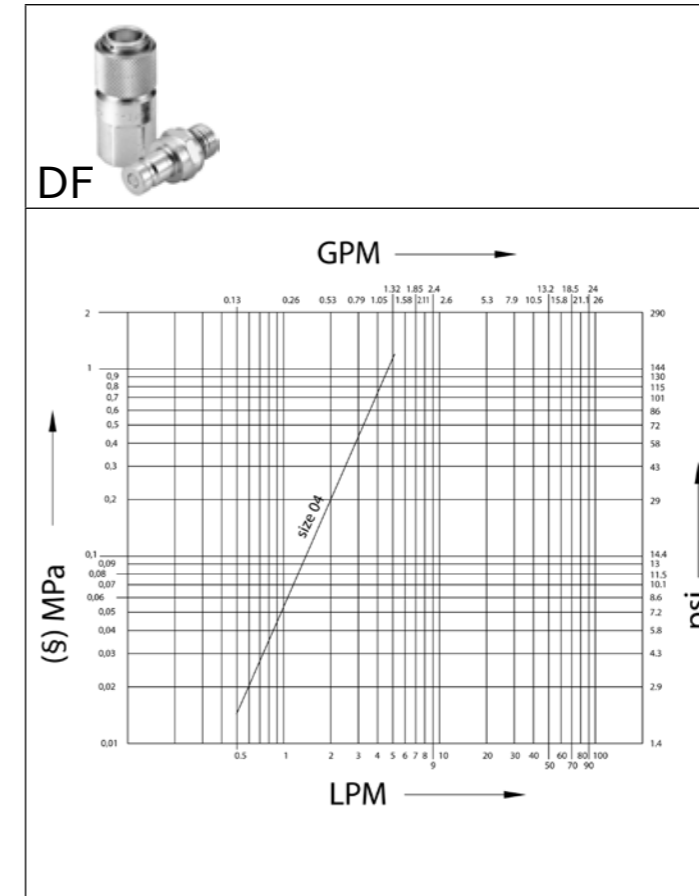
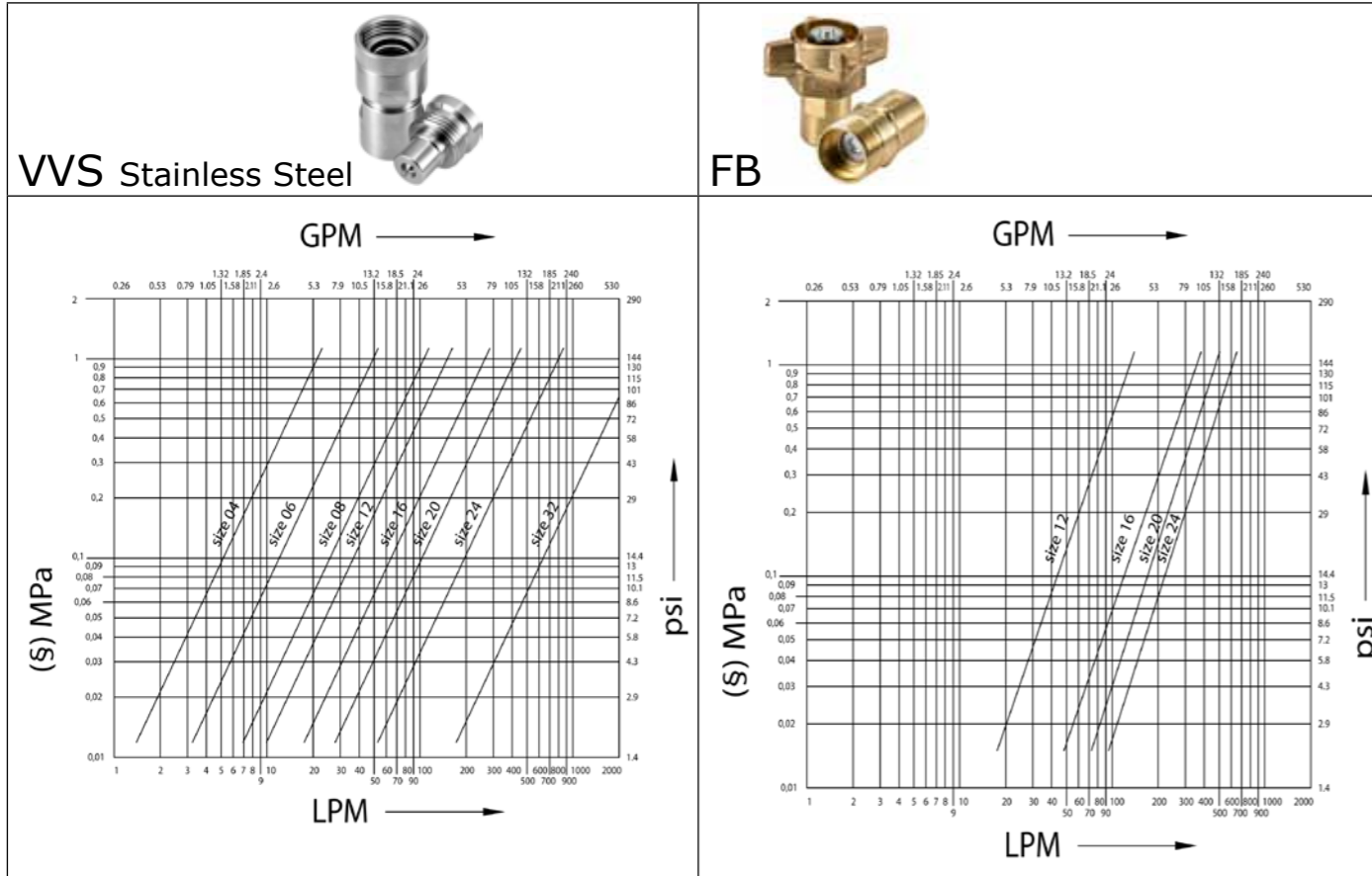
CPV/CNV - 3CFPV - 4SRPV - VF

VFB - CVV - VV - VVS



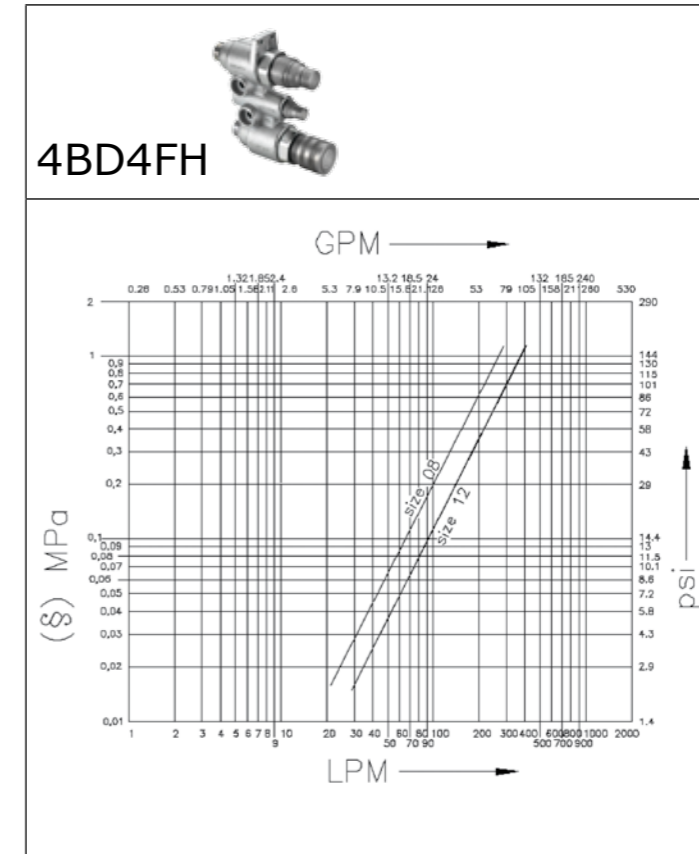
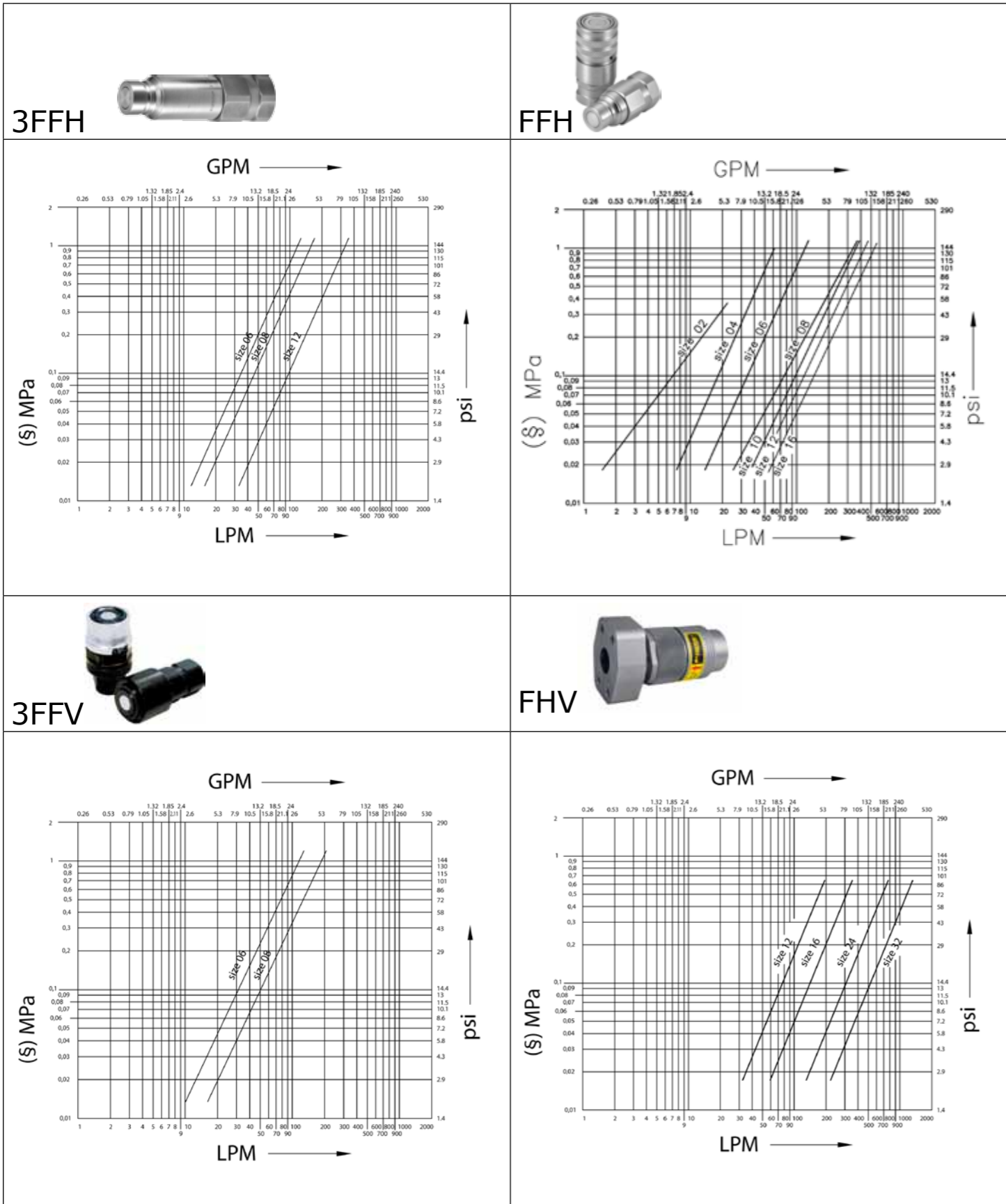
VV316 - FB - PVVM

DF - FFH - 3FFV



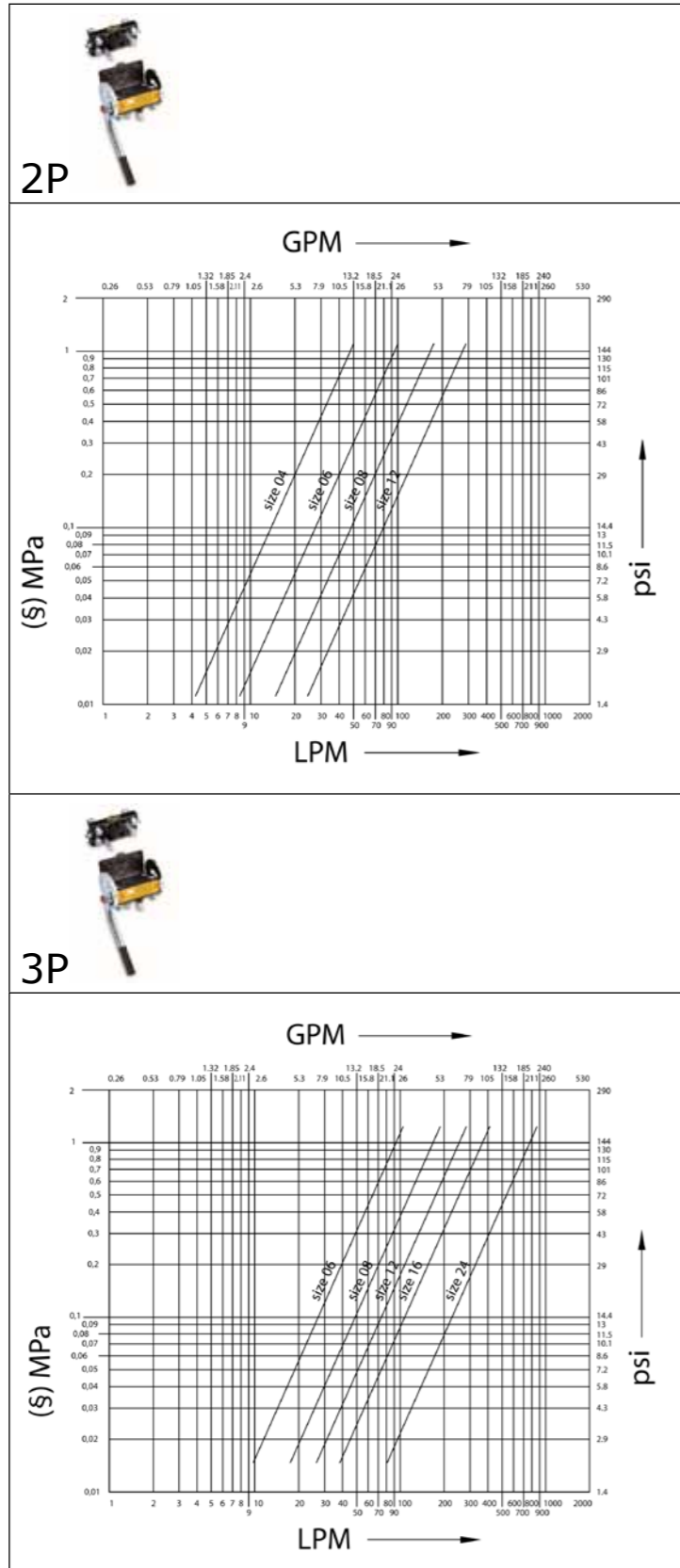
3FFH - FFH - 3FFV - FHV

4BD4FH



Pressure Drop Chart - Diagramma Perdita di Pressione  
 Druck Drop Diagramm - Diagramme Chute de Pression

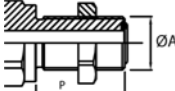


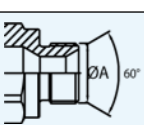
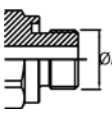
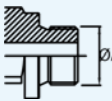
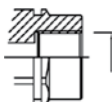
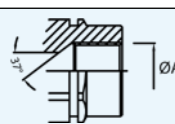
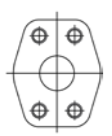
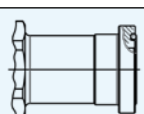
2P - 3P













Thread - Filetto - Anschluss - Filetage

F		BSP NPTF METRIC	DIN 3852-2-X ANSI B1.20.3 DIN 3852-1-X
0		BSP SAE METRIC	BS 5380 SAE J 1926-1 ISO 6149-1
1/		BSP NPTF SAE METRIC	DIN 3852-2-B ANSI B1.20.3 SAE J 1926-3 ISO 6149-2
2/		METRIC	ISO 8434-1-L
3/		METRIC	ISO 8434-1-S
4/		BSP METRIC	ISO/CD 8434-6 ISO 8434-6
5/		METRIC	ISO 8434-1-L
6/		METRIC	8434-1-L
7/		METRIC	ISO 8434-1-L
8/		METRIC	ISO 8434-1-S
9/		METRIC	ISO 5676
11/		SAE	SAE J 1453

# Thread - Filetto - Anschluss - Filetage

12/		SAE	SAE J 1453
13/		SAE	SAE J 514
14/		SAE	SAE J 514
16/		BSP	ISO/CD 8434-6
21/		BSP METRIC	DIN 3852-11 tab. 2 DIN 3852-11 tab. 1
22/		BSP METRIC	DIN 3852-2-A DIN 3852-1-A
27/		SAE	SAE J 1453
28/		SAE	SAE J 514
44/		SAE	ISO 6162-2
76/		SAE	ISO 6162-2

		Agriculture Agricoltura Landwirtschaft Agriculture
Earth Moving Movimento Terra Baumaschinen Construction		
		Industry Industriale Industrie Industrie
Building & Construction Costruzioni Bauindustrie Construction		
		Chemical Chimico Chimie Chimiques
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