



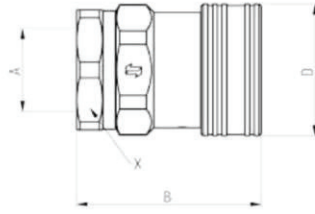
Features	Caratteristiche	Merkmale	Caractéristiques
Connexion by pulling back the sleeve	Connessione mediante arretramento ghiera parte femmina	Kuppeln durch Zurückziehen der Verriegelungshülse und Einstecken des Steckers	Connexion en poussant le coupleur mâle
Disconnexion by pulling back the female sleeve	Disconnessione mediante arretramento ghiera parte femmina	Entkuppeln, durch Zurückziehen der Verriegelungshülse	Déconnexion en 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 US Market	Intercambiabilità US Market	Austauschbarkeit US Market	Interchangeabilité selon US Market

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



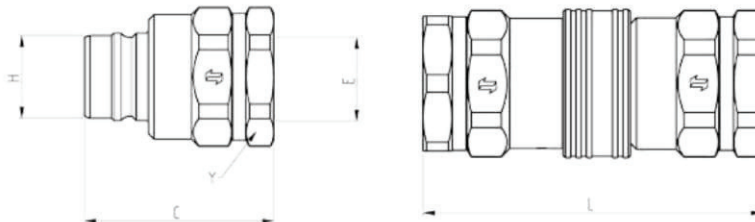
Size Base BG Taille		Working pressure Pressione di esercizio Betriebsdruck Pression de service	Flow Rate Portata Durchsatz Débit	Burst Pressures Pressione di scoppio Berstdruck Pression d'éclatement		
			@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	27 (3915)	22 (5.81)	110 (15950)	160 (23200)	110 (15950)
10	3/8"	30 (4350)	65 (17.17)	160 (23200)	180 (26100)	120 (17400)
12.5	1/2"	22 (3190)	75 (19.82)	88 (12760)	90 (4350)	88 (12760)
20	3/4"	19 (2755)	170 (44.91)	76 (11020)	76 (11020)	76 (11020)
25	1"	15 (2175)	280 (73.98)	60 (8700)	60 (8700)	60 (8700)
31.5	1 1/4"	10 (1450)	450 (118.89)	40 (5800)	50 (7250)	50 (7250)
40	1 1/2"	11 (1595)	450 (118.89)	45 (6525)	45 (6525)	45 (6525)
50	2"	10 (1450)	1100 (290.62)	40 (5800)	40 (5800)	40 (5800)

Technical Specifications	Specifiche Tecniche	Technischen Daten	Caractéristiques Techniques
High grade carbon steel with heat treated wear parts.	Acciaio ad alto tenore di carbonio con parti sollecitate, trattate termicamente	High Quality Karbonstahl Induktionsgehärtet in besonders beanspruchter Stresszone	Acier à haute teneur en carbone avec traitement thermique des pièces d'usure
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 a +125°C (-13°F a +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"	TNV 04 NPT F	1/4" NPTF Female	50 (1.97)	24 (0.94)	22 (0.87)		
10	3/8"	TNV 06 NPT F	3/8" NPTF Female	57 (2.24)	27 (1.06)	24 (0.94)		
12.5	1/2"	TNV 08 NPT F	1/2" NPTF Female	65 (2.56)	34 (1.34)	30 (1.18)		
20	3/4"	TNV 12 GAS F	3/4" BSP Female	64 (2.52)	42 (1.65)	36 (1.42)		
20	3/4"	TNV 12 NPT F	3/4" NPTF Female	64 (2.52)	42 (1.65)	36 (1.42)		
25	1"	TNV 16 GAS F	1" BSP Female	71 (2.80)	51 (2.01)	46 (1.81)		
25	1"	TNV 16 NPT F	1" NPTF Female	71 (2.80)	51 (2.01)	46 (1.81)		
31.5	1-1/4"	TNV 20 GAS F	1-1/4" BSP Female	97 (3.82)	56 (2.20)	50 (1.97)		
31.5	1-1/4"	TNV 20 NPT F	1-1/4" NPTF Female	97 (3.82)	56 (2.20)	50 (1.97)		
40	1-1/2"	TNV 24 GAS F	1-1/2" BSP Female	91 (3.58)	70 (2.76)	65 (2.56)		
40	1-1/2"	TNV 24 NPT F	1-1/2" NPTF Female	91 (3.58)	70 (2.76)	65 (2.56)		
50	2"	TNV 32 NPT F	2" NPTF Female	120 (4.02)	90 (3.54)	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)	g (lbs)	No.
6.3	1/4"	TNV 04 NPT M	1/4" NPTF Female	49 (1.93)	84 (3.31)	10,8 (0.43)	22 (0.87)		
10	3/8"	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"	TNV 08 NPT M	1/2" NPTF Female	63 (2.48)	110 (4.33)	16 (0.63)	30 (1.18)		
20	3/4"	TNV 12 GAS M	3/4" BSP Female	64 (2.52)	106 (4.17)	23,3 (0.92)	36 (1.42)		
20	3/4"	TNV 12 NPT M	3/4" NPTF Female	64 (2.52)	106 (4.17)	23,3 (0.92)	36 (1.42)		
25	1"	TNV 16 GAS M	1" BSP Female	68 (2.68)	116 (4.57)	29,7 (1.17)	46 (1.81)		
25	1"	TNV 16 NPT M	1" NPTF Female	68 (2.68)	116 (4.57)	29,7 (1.17)	46 (1.81)		
31.5	1-1/4"	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"	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"	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"	TNV 24 NPT M	1-1/2" NPTF Female	85 (3.35)	148 (5.83)	43,5 (1.71)	65 (2.56)		
50	2"	TNV 32 NPT M	2" NPTF Female	98 (3.86)	181 (7.13)	56,8 (2.24)	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 Collis
		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 + 5 PTFE rings \*\*\* 5 PTFE rings

## Thread Filetto Anschluss Filetage

