

## FLAT FACE/SCREW

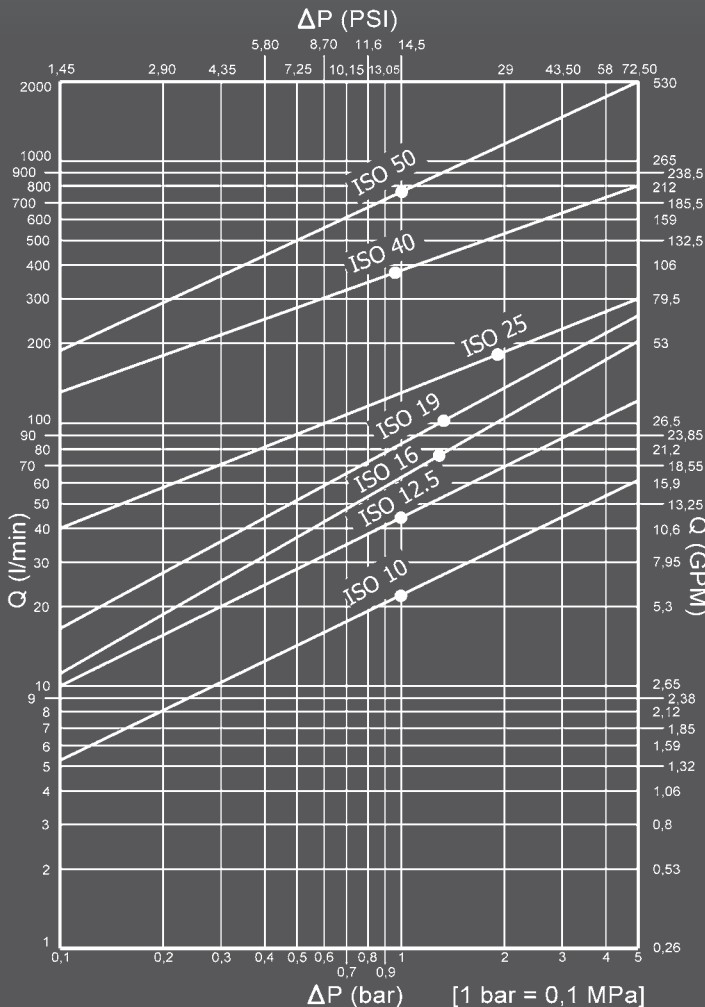
VITE VALVOLA PIANA/ACCIAIO INOX  
 FLAT FACE SCREW COUPLINGS/STAINLESS STEEL  
 FLACHDICHTENDE SCHRAUBKUPPLUNGEN/EDELSTAHL  
 COUPLEURS FACE PLANE A VISSER/ACIER INOX

### Caratteristiche tecniche

- Intercambiabilità: disegno esclusivo Dnp
- Occlusione: faccia piana
- Aggancio: a vite
- Materiale: interni in acciaio, parti esterne in inox AISI 316
- Filettature: BSP - NPT - SAE
- Guarnizioni standard: NBR e PU
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro
- Pressioni di esercizio: 150-250 bar
- Connessione in pressione: consentita (lato maschio o lato femmina)
- Massima pressione residua: pressione d'esercizio

Nominal size				Max working pressure MPa	Rated flow l/min	Max flow rate l/min	Min burst pressure			Fluid spillage cc
DNP	BG	ISO	mm				Male	Female	Coupled	
13	2	10	8,6	25	23	46	140	100	140	0,010
20	3	12.5	10,7	25	45	90	140	120	170	0,012
22	4A	16	12,8	25	74	150	140	110	160	0,015
25	4	19	14,8	25	100	200	110	110	110	0,020
30	5	25	17,6	25	189	280	100	100	100	0,030
39	7	40	30	15	379	700	90	65	85	0,050
50	8	50	40,6	15	757	1000	80	65	85	0,100

1 MPa = 145,04 psi • 1 l = 0,264 gal



### Technical data

- Interchange: exclusive Dnp profile
- Occlusion: flat face
- Locking: screw
- Material: internals in steel, externals in stainless steel AISI 316
- Threads: BSP - NPT - SAE
- Standard seals: NBR and PU
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 150-250 bar
- Connection under pressure: allowed (both male or female side)
- Max residual pressure: working pressure

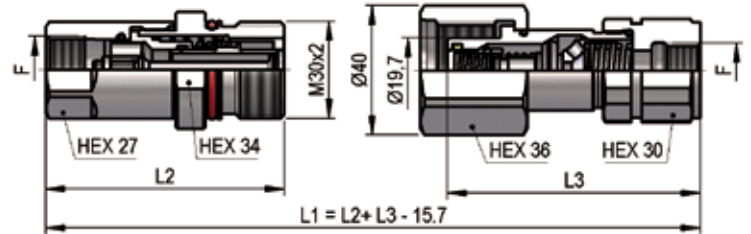
### Technische Merkmale

- Austauschbarkeit: laut exclusive Dnp Zeichnung
- Verschluss: flachdichtend
- Kupplung: Schraubweise
- Werkstoff: Innenteile aus Stahl, Aussenteile aus Edelstahl AISI 316
- Gewinde: BSP - NPT - SAE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 150-250 bar
- Kuppeln unter Druck: erlaubt (Steckerseite oder Muffenseite)
- Max. Restdruck: Betriebsdruck

### Caracteristiques techniques

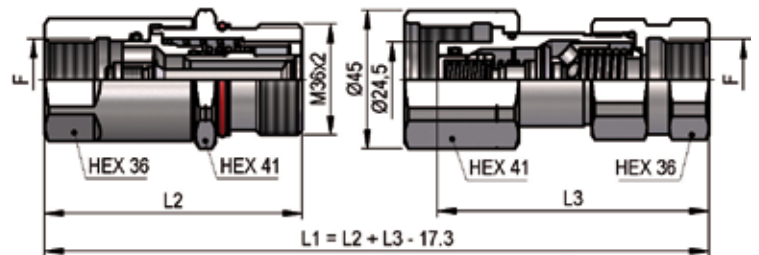
- Intercambiabilità: projet exclusif Dnp
- Obturation: clapet plat
- Accrochage: a vissé
- Matériel: en acier à l'intérieur, en inox AISI 316 à l'extérieur
- Taraudage: BSP - NPT - SAE
- Joints standard: NBR et PU
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 150-250 bar
- Connexion sous pression: possible (côté male ou femelle)
- Pression restante max: pression de service

**PVTX DN13 - BG 2 - ISO 10**



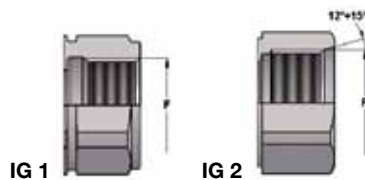
THREADS	L2	L3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
					COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
<b>IG 1</b>	73,5	75	BSP 3/8"	DIN 3852-2-X	PVTX.1310.112	296	45	PVTX.1310.113	333	40
	73,5	78	NPT 3/8"	ANSI B1.20.3	PVTX.1310.012	299	45	PVTX.1310.013	349	40
	73,5	75	BSP 1/2"	DIN 3852-2-X	PVTX.1313.112	284	45	PVTX.1313.113	320	40
	73,5	78	NPT 1/2"	ANSI B1.20.3	PVTX.1313.012	286	45	PVTX.1313.013	323	40
<b>IG 2</b>	73,5	75	3/4"-16 UNF 2B	SAE J 1926-1	PVTX.1319.032	302	45	PVTX.1319.033	293	40

**PVTX DN20 - BG 3 - ISO 12.5**

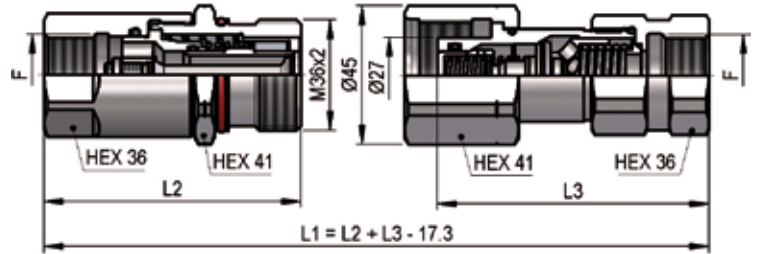


THREADS	L2	L3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
					COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
<b>IG 1</b>	83,5	86,5	BSP 1/2"	DIN 3852-2-X	PVTX.2013.112	537	30	PVTX.2013.113	493	30
	83,5	87	NPT 1/2"	ANSI B1.20.3	PVTX.2013.012	550	30	PVTX.2013.013	530	30
	83,5	88	BSP 3/4"	DIN 3852-2-X	PVTX.2019.112	506	30	PVTX.2019.113	473	30
	83,5	88	NPT 3/4"	ANSI B1.20.3	PVTX.2019.012	514	30	PVTX.2019.013	478	30
<b>IG 2</b>	83,5	88	1"1/16-12 UN 2B	SAE J 1926-1	PVTX.2027.032	500	30	PVTX.2027.033	467	30

THREADS

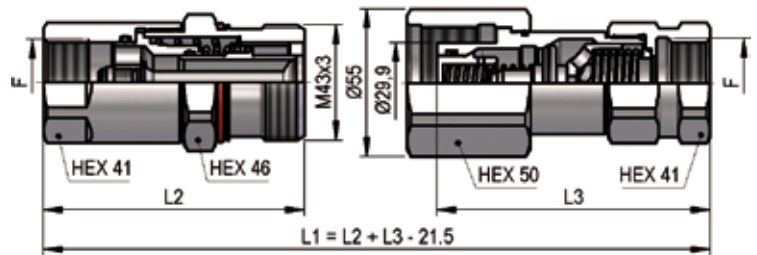


**PVTX DN22 - BG 4A - ISO 16**



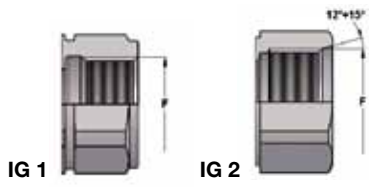
THREADS	L2	L3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
					COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	86	89,5	BSP 1/2"	DIN 3852-2-X	PVTX.2213.112	528	30	PVTX.2213.113	502	30
	86	90	NPT 1/2"	ANSI B1.20.3	PVTX.2213.012	531	30	PVTX.2213.013	515	30
	86	91	BSP 3/4"	DIN 3852-2-X	PVTX.2219.112	497	30	PVTX.2219.113	482	30
	86	91	NPT 3/4"	ANSI B1.20.3	PVTX.2219.012	500	30	PVTX.2219.013	530	30
IG 2	86	91	1"1/16-12 UN 2B	SAE J 1926-1	PVTX.2227.032	491	30	PVTX.2227.033	477	30

**PVTX DN25 - BG 4 - ISO 19**

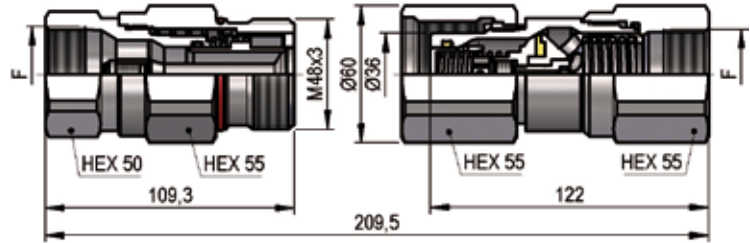


THREADS	L2	L3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
					COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	95,5	102	BSP 3/4"	DIN 3852-2-X	PVTX.2519.112	754	23	PVTX.2519.113	751	20
	95,5	102	NPT 3/4"	ANSI B1.20.3	PVTX.2519.012	759	23	PVTX.2519.013	758	20
	97,5	102	BSP 1"	DIN 3852-2-X	PVTX.2525.112	725	23	PVTX.2525.113	693	20
	97,5	105	NPT 1"	ANSI B1.20.3	PVTX.2525.012	740	23	PVTX.2525.013	794	20
IG 2	95	105	1"5/16-12 UN 2B	SAE J 1926-1	PVTX.2533.032	703	23	PVTX.2533.033	687	20

THREADS

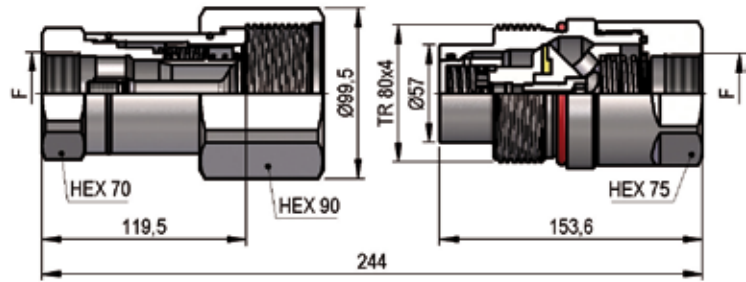


**PVTX DN30 - BG 5 - ISO 25**



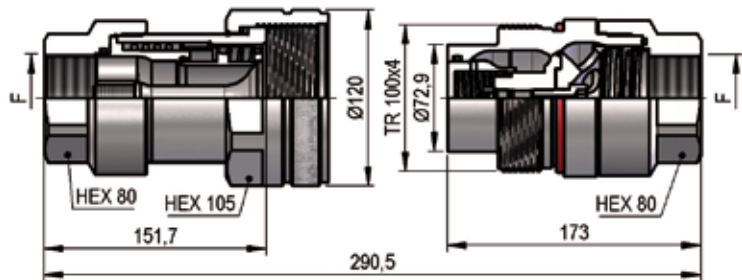
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"¼	DIN 3852-2-X	PVTX.3031.112	1248	15	PVTX.3031.113	1432	12
NPT 1"¼	ANSI B1.20.3	PVTX.3031.012	1265	15	PVTX.3031.013	1446	12

**PVTX DN39 - BG 7 - ISO 40**



F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"½	DIN 3852-2-X	PVTX.3939.112	3840	5	PVTX.3939.113	3760	5
NPT 1"½	ANSI B1.20.3	PVTX.3939.012	3610	5	PVTX.3939.013	3790	5

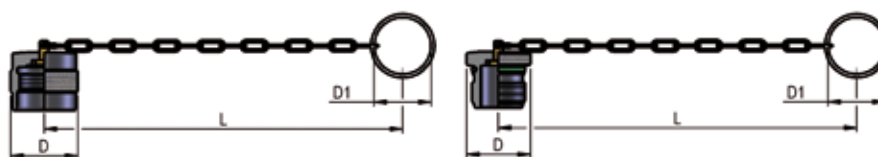
**PVTX DN50 - BG 8 - ISO 50**



F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 2"	DIN 3852-2-X	PVTX.5051.112	6240	3	PVTX.5051.113	5900	3
NPT 2"	ANSI B1.20.3	PVTX.5051.012	6900	3	PVTX.5051.013	6000	3

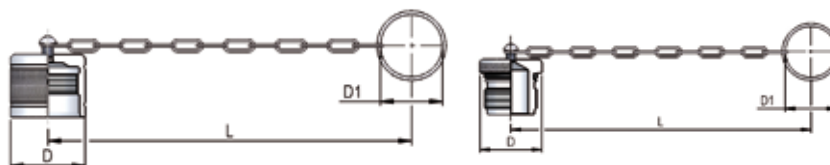
**PLASTIC CAPS**

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					COLOUR	MATERIAL
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
13	2	10	SPVT.13002	38	220	32	38	SPVT.13003	36	220	32	36	●	PVC
20	3	12.5	SPVT.20002	45	220	32	48	SPVT.20003	45	220	32	48	●	PVC
22	4A	16	SPVT.20002	45	220	32	48	SPVT.20003	45	220	32	48	●	PVC
25	4	19	SPVT.25002	53	290	47,5	72	SPVT.25003	48	290	47,5	74	●	PVC
30	5	25	SPVT.30002	60	438	47,5	94	SPVT.30003	60	438	47,5	91	●	PVC
39	7	40	SPVT.39002	100	438	47,5	266	SPVT.39003	100	438	47,5	408	●	PVC
50	8	50	SPVT.50002	115	438	47,5	384	SPVT.50003	115	438	47,5	416	●	PVC

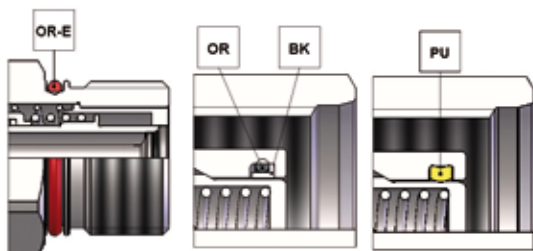


**METAL CAPS**

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					MATERIAL
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight	
				D	L	D1	(g)		D	L	D1	(g)	
13	2	10	SPVT.13202	36	205	32	46	SPVT.13203	36	205	32	53	Aluminum
20	3	12.5	SPVV.13202	41,5	205	32	57	SPVV.13203	41,5	205	32	66	Aluminum
22	4A	16	SPVV.13202	41,5	205	32	57	SPVV.13203	41,5	205	32	66	Aluminum
25	4	19	SPVT.25202	49,5	275	47,5	84	SPVT.25203	48	275	47,5	115	Aluminum
30	5	25	SPVT.30202	54,5	275	47,5	91	SPVT.30203	58	275	47,5	113	Aluminum
39	7	40	SPST.39202	90	370	60	400	SPST.39203	90	370	60	509	Aluminum



**SPARE PARTS**



NOMINAL SIZE			FEMALE GASKET	MALE GASKET		MALE GASKET
DNP	BG	ISO	OR-E (SILICONE)	OR (NBR*)	BK (PTFE)	PU (POLYURETHANE)
13	2	10	PLT.319.031 S	PLT.013.120	PLT.013.130	PLK.013.210
20	3	12.5	PVT.019.121 S	PLT.019.120	PLT.019.130	PVT.019.210
22	4A	16	PVT.019.121 S	PLT.022.120	PLT.022.130	PVT.022.210
25	4	19	PVT.025.121 S	PLT.025.120	PLT.025.130	PVT.025.210
30	5	25	PVT.030.121 S	PLT.031.120	PLT.031.130	PVT.030.210
39	7	40	PST.039.122 S	PLT.039.120	PLT.039.130	-
50	8	50	PVT.050.122 S	PLK.050.120	PLK.050.130	-

\* AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON  
 TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON  
 ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FUER EPDM ODER 'V' FUER VITON AN  
 AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON