

ISO 16028

MASCHIO INNESTABILE IN PRESSIONE
 MALE CONNECTABLE UNDER PRESSURE
 STECKER UNTER DRUCK KUPPELBAR
 MALE ACCOUPABLE SOUS PRESSION

Caratteristiche tecniche

- Norma: ISO 16028
- Occlusione: faccia piana
- Aggancio: sfere radiali
- Materiale: acciaio ad alta resistenza
- Finitura: Zn-Fe (Cr III) e Zn-Ni
- Filettature: BSP - NPT - SAE - METRICHE
- Guarnizioni standard: NBR e PU
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro
- Pressioni di esercizio: 250-400 bar
- Connessione in pressione: consentita (solo lato maschio)
- Massima pressione residua: 250 bar

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	
06	1	6.3	6	40	12	24	190	see PLT4	190	0,008
13	2	10	8,6	35	23	46	140	see PLT4	140	0,010
20	3	12.5	10,7	35	45	90	140	see PLT4	140	0,012
22	4A	16	12,8	35	74	150	140	see PLT4	140	0,015
25	4	19	14,8	30	100	200	120	see PLT4	120	0,020
30	5	25	17,6	30	189	280	120	see PLT4	120	0,030
39	7	40	30	25	379	700	100	see PLT1	110	0,050
50	8	50	40,6	25	757	1000	100	see PLT1	100	0,100

1 MPa = 145,04 psi • 1 l = 0,264 gal

Technical data

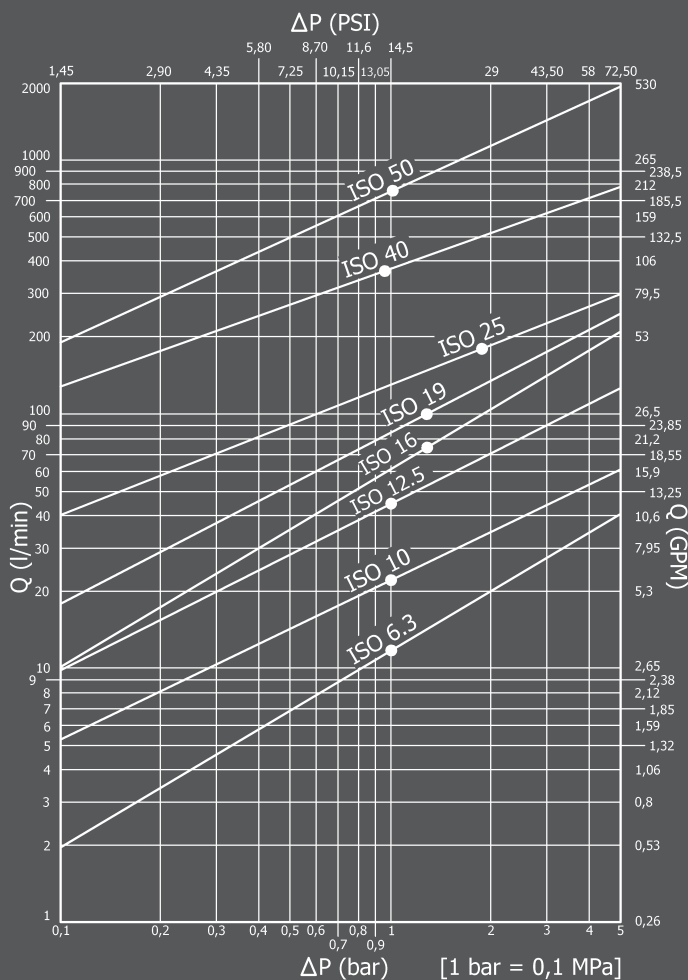
- Standard: ISO 16028
- Occlusion: flat face
- Locking: radial balls
- Material: high resistance steel
- Finishing: Zn-Fe (Cr III) and Zn-Ni
- Threads: BSP - NPT - SAE - METRIC
- Standard seals: NBR and PU
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 250-400 bar
- Connection under pressure: allowed (male side only)
- Max residual pressure: 250 bar

Technische Merkmale

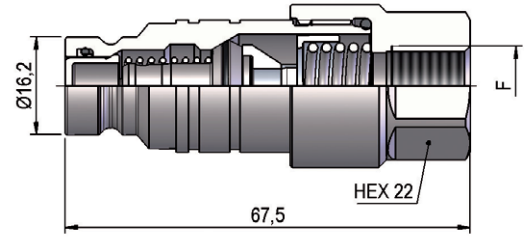
- Norm: ISO 16028
- Verschluss: flachdichtend
- Kupplung: Radialkugeln
- Werkstoff: hochfester Stahl
- Ausführung: Zn-Fe (Cr III) und Zn-Ni
- Gewinde: BSP - NPT - SAE - METRISCHE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 250-400 bar
- Kuppeln unter Druck: erlaubt (nur Steckerseite)
- Max. Restdruck: 250 bar

Caracteristiques techniques

- Norme: ISO 16028
- Obturation: clapet plat
- Accrochage: billes radiales
- Matériel: acier à haute résistance
- Traitement: Zn-Fe (Cr III) et Zn-Ni
- Taraudage: BSP - NPT - SAE - METRIQUES
- Joints standard: NBR et PU
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 250-400 bar
- Connexion sous pression: possible (seulement côté male)
- Pression restante max: 250 bar

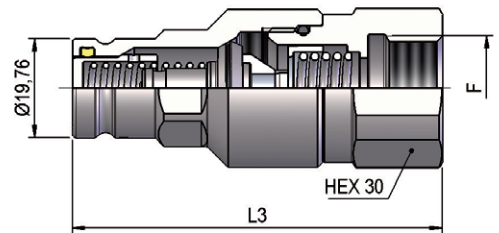


PLK4 DN06 - BG 1 - ISO 6.3



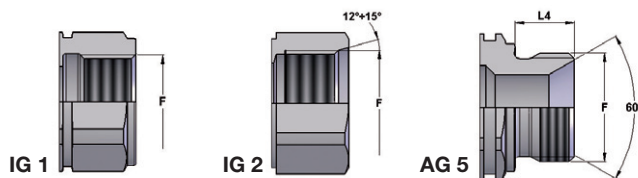
THREADS	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE		MASCHIO - MALE - STECKER - MALE	
			COD. F	COD. M	Weight (g)	Packaging (pcs.)
IG 1	BSP 1/4"	DIN 3852-2-X	See PLT4 DN06	PLK4.0606.113	142	100
	NPT 1/4"	ANSI B1.20.3	See PLT4 DN06	PLK4.0606.013	143	100
IG 2	9/16"-18 UNF 2B	SAE J 1926-1	See PLT4 DN06	PLK4.0615.033	139	100

PLK4 DN13 - BG 2 - ISO 10

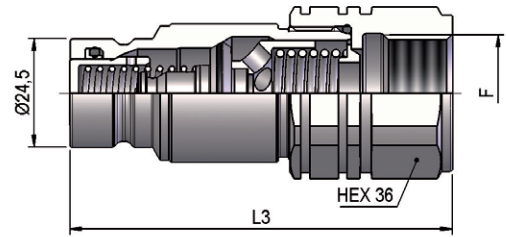


THREADS	L3	L4	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE		MASCHIO - MALE - STECKER - MALE	
					COD. F	COD. M	Weight (g)	Packaging (pcs.)
IG 1	74		BSP 1/4"	DIN 3852-2-X	See PLT4 DN13	PLK4.1306.113	250	60
	74		BSP 3/8"	DIN 3852-2-X	See PLT4 DN13	PLK4.1310.113	240	60
	77,5		NPT 3/8"	ANSI B1.20.3	See PLT4 DN13	PLK4.1310.013	256	60
	74		BSP 1/2"	DIN 3852-2-X	See PLT4 DN13	PLK4.1313.113	226	60
	78		NPT 1/2"	ANSI B1.20.3	See PLT4 DN13	PLK4.1313.013	243	60
	74		M16x1,5	ISO 6149-1	See PLT4 DN13	PLK4.1316.103	237	60
	74		M18x1,5	ISO 6149-1	See PLT4 DN13	PLK4.1318.103	230	60
IG 2	75		9/16"-18 UNF 2B	SAE J 1926-1	See PLT4 DN13	PLK4.1315.033	251	60
	75		3/4"-16 UNF 2B	SAE J 1926-1	See PLT4 DN13	PLK4.1319.033	235	60
	75		M22x1,5	SAE J 2244/1	See PLT4 DN13	PLK4.1322.103	222	60
AG 5	75	13	BSP 1/2"	BS B5200	See PLT4 DN13	PLK4.1313.703	211	60

THREADS

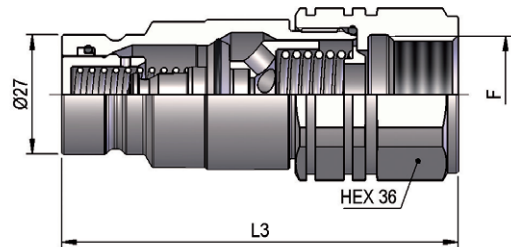


PLK4 DN20 - BG 3 - ISO 12.5



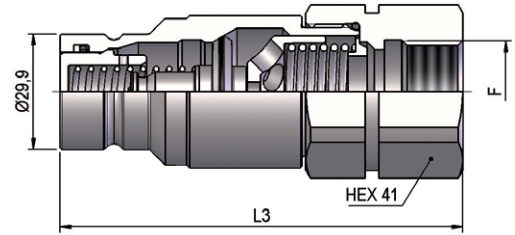
THREADS	L3	L4	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE	Weight (g)	Packaging (pcs.)
					COD. F	COD. M		
IG 1	84,5		BSP 1/2"	DIN 3852-2-X	See PLT4 DN20	PLK4.2013.113	362	42
	86		NPT 1/2"	ANSI B1.20.3	See PLT4 DN20	PLK4.2013.013	375	42
	86,5		BSP 3/4"	DIN 3852-2-X	See PLT4 DN20	PLK4.2019.113	342	42
	86		NPT 3/4"	ANSI B1.20.3	See PLT4 DN20	PLK4.2019.013	347	42
	82,5		M18x1,5	ISO 6149-1	See PLT4 DN20	PLK4.2018.103	361	42
	82		M22x1,5	ISO 6149-1	See PLT4 DN20	PLK4.2022.103	344	42
	86		M26x1,5	ISO 6149-1	See PLT4 DN20	PLK4.2026.103	341	42
	86		M30x1,5	ISO 6149-1	See PLT4 DN20	PLK4.2030.103	314	42
IG 2	82		3/4"-16 UNF 2B	SAE J 1926-1	See PLT4 DN20	PLK4.2019.033	354	42
	86		7/8"-14 UNF 2B	SAE J 1926-1	See PLT4 DN20	PLK4.2023.033	366	42
	86		1"1/16-12 UN 2B	SAE J 1926-1	See PLT4 DN20	PLK4.2027.033	336	42
AG 2	93	22	1"1/16-12 UN 2A	SAE J 514	See PLT4 DN20	PLK4.2027.303	332	42
AG 5	90	16	BSP 3/4"	DIN 3852-2-A	See PLT4 DN20	PLK4.2019.713	333	42
AGS 2	112,1	41,1	7/8"-14 UNF 2A	SAE J 514	See PLT4 DN20	PLK4.2023.503	352	42
	116,4	45,4	1"1/16-12 UN 2A	SAE J 514	See PLT4 DN20	PLK4.2027.503	384	42
AGS 4	109,5	38,5	1"-14 UNS 2A	SAE J 1453	See PLT4 DN20	PLK4.2025.533	383	42

PLK4 DN22 - BG 4A - ISO 16



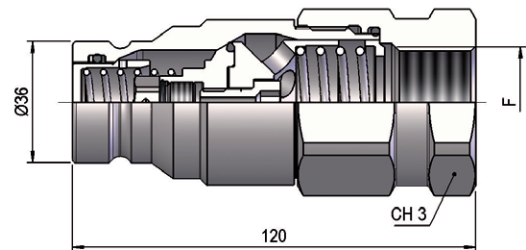
THREADS	L3	L4	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE	Weight (g)	Packaging (pcs.)
					COD. F	COD. M		
IG 1	87,5		BSP 1/2"	DIN 3852-2-X	See PLT4 DN22	PLK4.2213.113	398	42
	89		NPT 1/2"	ANSI B1.20.3	See PLT4 DN22	PLK4.2213.013	411	42
	89,5		BSP 3/4"	DIN 3852-2-X	See PLT4 DN22	PLK4.2219.113	378	42
	89		NPT 3/4"	ANSI B1.20.3	See PLT4 DN22	PLK4.2219.013	383	42
	85,5		M18x1,5	ISO 6149-1	See PLT4 DN22	PLK4.2218.103	397	42
	85		M22x1,5	ISO 6149-1	See PLT4 DN22	PLK4.2222.103	380	42
	89		M26x1,5	ISO 6149-1	See PLT4 DN22	PLK4.2226.103	377	42
	89		M30x1,5	ISO 6149-1	See PLT4 DN22	PLK4.2230.103	350	42
IG 2	85		3/4"-16 UNF 2B	SAE J 1926-1	See PLT4 DN22	PLK4.2219.033	390	42
	89		7/8"-14 UNF 2B	SAE J 1926-1	See PLT4 DN22	PLK4.2223.033	402	42
	89		1"1/16-12 UN 2B	SAE J 1926-1	See PLT4 DN22	PLK4.2227.033	373	42
AG 2	96	22	1"1/16-12 UN 2A	SAE J 514	See PLT4 DN22	PLK4.2227.303	369	42
AG 5	93	16	BSP 3/4"	DIN 3852-2-A	See PLT4 DN22	PLK4.2219.713	369	42
AGS 2	115,1	41,1	7/8"-14 UNF 2A	SAE J 514	See PLT4 DN22	PLK4.2223.503	388	42
	119,4	45,4	1"1/16-12 UN 2A	SAE J 514	See PLT4 DN22	PLK4.2227.503	420	42
AGS 4	112,5	38,5	1"-14 UNS 2A	SAE J 1453	See PLT4 DN22	PLK4.2225.533	419	42

PLK4 DN25 - BG 4 - ISO 19



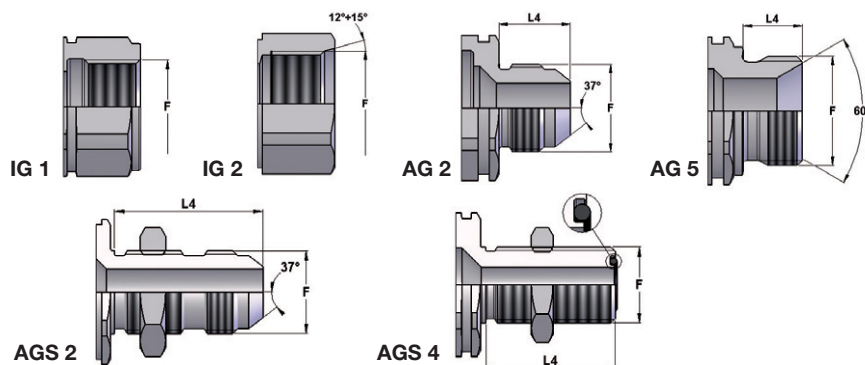
THREADS	L3	L4	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE		
					COD. F	COD. M	Weight (g)	Packaging (pcs.)
IG 1	105		BSP 3/4"	DIN 3852-2-X	See PLT4 DN25	PLK4.2519.113	582	30
	105		NPT 3/4"	ANSI B1.20.3	See PLT4 DN25	PLK4.2519.013	589	30
	105		BSP 1"	DIN 3852-2-X	See PLT4 DN25	PLK4.2525.113	524	30
	105		NPT 1"	ANSI B1.20.3	See PLT4 DN25	PLK4.2525.013	531	30
	105		M30x1,5	ISO 6149-1	See PLT4 DN25	PLK4.2530.103	555	30
IG 2	105		1"1/16-12 UN 2B	SAE J 1926-1	See PLT4 DN25	PLK4.2527.033	576	30
	105		1"5/16-12 UN 2B	SAE J 1926-1	See PLT4 DN25	PLK4.2533.033	517	30
AG 5	107	18	BSP 1"	DIN 3852-2-B	See PLT4 DN25	PLK4.2525.213	525	30
	103	17	BSP 1"	BS B5200	See PLT4 DN25	PLK4.2525.703	502	30
	105	16	BSP 3/4"	DIN 3852-2-A	See PLT4 DN25	PLK4.2519.713	500	30
	107	18	BSP 1"	DIN 3852-2-A	See PLT4 DN25	PLK4.2525.713	526	30

PLK4 DN30 - BG 5 - ISO 25

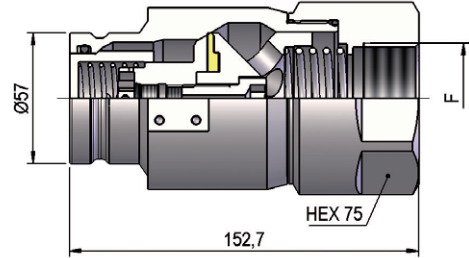


THREADS	CH3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE		
				COD. F	COD. M	Weight (g)	Packaging (pcs.)
IG 1	50	BSP 1"	DIN 3852-2-X	See PLT4 DN30	PLK4.3025.113	1038	8
	50	NPT 1"	ANSI B1.20.3	See PLT4 DN30	PLK4.3025.013	1045	8
	55	BSP 1"1/4	DIN 3852-2-X	See PLT4 DN30	PLK4.3031.113	1109	8
	55	NPT 1"1/4	ANSI B1.20.3	See PLT4 DN30	PLK4.3031.013	1123	8
IG 2	50	1"5/16-12 UN 2B	SAE J 1926-1	See PLT4 DN30	PLK4.3033.033	1028	8
	55	1"5/8-12 UN 2B	SAE J 1926-1	See PLT4 DN30	PLK4.3041.033	1111	8

THREADS

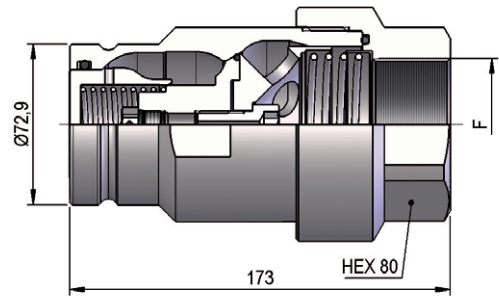


PLK4 DN39 - BG 7 - ISO 40



F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE		
		COD. F	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"½	DIN 3852-2-X	See PLT1 DN39	PLK4.3939.113	3350	9
NPT 1"½	ANSI B1.20.3	See PLT1 DN39	PLK4.3939.013	3190	9

PLK4 DN50 - BG 8 - ISO 50



THREADS	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE	MASCHIO - MALE - STECKER - MALE		
			COD. F	COD. M	Weight (g)	Packaging (pcs.)
IG 1	BSP 2"	DIN 3852-2-X	See PLT1 DN50	PLK4.5051.113	4890	6
	NPT 2"	ANSI B1.20.3	See PLT1 DN50	PLK4.5051.013	4880	6
	1"½	SAE 3000	See PLT1 DN50	PLK4.5051.003	5830	6
IG 2	2"½-12 UN 2B	SAE J 1926-1	See PLT1 DN50	PLK4.5063.033	4780	6

THREADS

