

## plastic push-in fittings for high performance

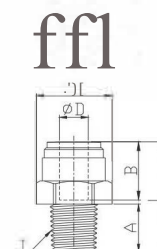
INNESTI RAPIDI IN TECNOPOLIMERO PER ALTE PRESTAZIONI  
*plastic push-in fittings for high performance*

diritto maschio conico BSPT • *male connector BSPT thread*

**HPC**



CODE	OD	T	A	8	OE	L	H(Hex)	Peso Weight(g)	
<b>HPC 06R01W</b> <b>HPC 06R02W</b>	6	R1/8" R1/4"	9,1 13,1	16,1 16,1	18,5 18,5	26,2 26,7	17 17	4,0 4,2	100 100
<b>HPC 08R01W</b> <b>HPC 08R02W</b>	8	R1/8" R1/4"	9,1 13,1	17,5 17,5	21,0 21,0	28,1 30,6	19 19	5,3 5,8	100 50
<b>HPC 10R03W</b> <b>HPC 10R04W</b>	10	R3/8" R1/2"	13,5 16,3	20,1 20,1	23,2 24,4	28,8 32,1	21 22	6,7 9,5	50 50
<b>HPC 12R03W</b> <b>HPC 12R04W</b>	12	R3/8" R1/2"	13,5 16,3	24,7 24,7	26,5 26,5	32,2 34,3	24 24	8,8 11,1	50 50



diritto maschio cilindrico BSPP con OR • *male connector BSPP thread with OR*

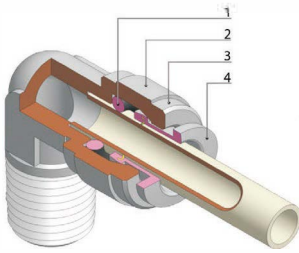


CODE	OD	T	A	8	OE	L	H(Hex)	Peso Weight(g)	
<b>HPC 04G01W</b> <b>HPC 04G02W</b>	4	G1/8" G1/4"	6,0 8,5	14,7 14,7	16,6 20,5	21,9 23,9	15 18	3,3 4,8	100 100
<b>HPC 06G01W</b> <b>HPC 06G02W</b>	6	G1/8" G1/4"	6,0 8,5	16,1 16,1	16,6 20,5	24,1 24,1	15 18	3,3 4,8	100 100
<b>HPC 08G01W</b> <b>HPC 08G02W</b> <b>HPC 08G03W</b> <b>HPC 08G04W</b>	8	G1/8" G1/4" G3/8" G1/2"	6,0 8,5 9,0 12,5	17,5 17,5 17,5 17,5	18,5 20,5 24,0 28,5	27,0 28,5 26,5 29,5	17 18 21 26	5,2 6,1 7,0 11,9	100 50 50 50
<b>HPC 10G02W</b> <b>HPC 10G03W</b> <b>HPC 10G04W</b>	10	G1/4" G3/8" G1/2"	8,5 9,0 12,5	20,1 20,1 20,1	21,1 24,2 28,5	30,8 26,3 29,8	19 21 26	7,2 7,0 7,9	50 50 25
<b>HPC 12G03W</b> <b>HPC 12G04W</b>	12	G3/8" G1/2"	9,0 12,5	24,7 24,7	27,0 28,5	34,2 32,7	24 26	11,6 12,5	25 25



## IMPERIAL TUBE

- Innesti rapidi in tecnopolimero per alte prestazioni
- Racores Automáticos en Termoplástico
- steckverschraubungen aus tecnopolymer raccords instantanés polymère
- Racores Automáticos en Termoplástico
- steckverschraubungen aus tecnopolymer raccords instantanés polymère



**@**  
-20° C + 98° C Aria secca  
-1° c + 98° C Aria & Fluidi



To -750mmHg at Max 20 Bar

RoHS2 1- JEACH

	G1/8	G1/4	G3/8	G1/2	G3/4	GS/8	N1/8	N1/4	N3/8	N1/2
<b>@</b>										
5/32							•	•		
3/16			•				•	•		
1/4	•	•	•				•	•		
5/16							•	•		
3/8		•	•	•	•	•	•	•	•	•
1/2										•



	Construction Materials		Materiali Costruttivi		Construction Materials		Construction Materials		Construction Materials		Construction Materials
	1.0'Ring: EPDM 2.Body: POM 3.Cover: POM 4.Gripping Col/et: POM + STS301		1.0'Ring: EPDM 2.Corpo: POM 3.Cover: POM 4-6.Pinza di Tenuta: POM + STS301		1.0'Ring: EPDM 2.Body: POM 3.Cover: POM 4.Gripping Col/et: POM + STS301		1.0'Ring: EPDM 2.Body: POM 3.Cover: POM 4.Gripping Col/et: POM + STS301		1.0'Ring: EPDM 2.Body: POM 3.Cover: POM 4.Gripping Col/et: POM + STS301		1.0'Ring: EPDM 2.Body: POM 3.Cover: POM 4.Gripping Col/et: POM + STS301
	Data Sheet		Dati Tecnici		Data Sheet		Data Sheet		Data Sheet		Data Sheet
	Type Fluids: water, beverages, vacuum, compressed air, gases Threads: Taper gas BSPT ISO 7 from R1/8" to R1/2" Parallel gas BSPP ISO 228 from G1/8" to G1/2" Tubes Used: polyethylene (PE), polyamide (PA), polyurethane (PU), PTFE - FEP Soft metal tubes: brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use		Fluidi Compatibili: acqua, bevande, vuoto, aria compressa, gas e liquidi Fifettature: Gas conica BSPT ISO 7 da R1/8" a R1/2" Gas cilindrica BSPP ISO 228 da G1/8" a G1/2" Tubi da utilizzare: polietilene (PE), poliammide (PA), poliuretano (PU), PTFE - FEP Tubi in metalli leggeri: ottone, ramee acciaio dolce Tubi in metalli duri: contattare l'ufficio tecnico per l'utilizzo con tubi in acciaio inox e altri metalli duri		Type Fluids: water, beverages, vacuum, compressed air, gases Threads: Taper gas BSPT ISO 7 from R1/8" to R1/2" Parallel gas BSPP ISO 228 from G1/8" to G1/2" Tubes Used: polyethylene (PE), polyamide (PA), polyurethane (PU), PTFE-FEP Soft metal tubes: brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use		Type Fluids: water, beverages, vacuum, compressed air, gases Threads: Taper gas BSPT ISO 7 from R1/8" to R1/2" Parallel gas BSPP ISO 228 from G1/8" to G1/2" Tubes Used: polyethylene (PE), polyamide (PA), polyurethane (PU), PTFE-FEP Soft metal tubes: brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use		Type Fluids: water, beverages, vacuum, compressed air, gases Threads: Taper gas BSPT ISO 7 from R1/8" to R1/2" Parallel gas BSPP ISO 228 from G1/8" to G1/2" Tubes Used: polyethylene (PE), polyamide (PA), polyurethane (PU), PTFE - FEP Soft metal tubes: brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use		Type Fluids: water, beverages, vacuum, compressed air, gases Threads: Taper gas BSPT ISO 7 from R1/8" to R1/2" Parallel gas BSPP ISO 228 from G1/8" to G1/2" Tubes Used: polyethylene (PE), polyamide (PA), polyurethane (PU), PTFE-FEP Soft metal tubes: brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use



## plastic push-in fittings for high performance

### LEGENDA CODICE • Model designation

#### Filetta Canico BSPT • BSPT thread

HPC	06	R01
Cadice code	Diametro Tubo tube diameter	Filetta thread size
	04 4mm	R01 R1/8"
	06 6mm	R02 R1/4"
	08 8mm	R03 R3/8"
	10 10mm	R04 R1/2"
	12 12mm	

#### Filetta Cilindrico BSPP • BSPP thread

HPC	06	G01
Cadice code	Diametro Tubo tube diameter	Filetta thread size
	04 4mm	G01 G1/8"
	06 6mm	G02 G1/4"
	08 8mm	G03 G3/8"
	10 10mm	G04 G1/2"
	12 12mm	

### DATI TECNICI • Technica/ specifications

<b>Fluidi compatibili</b>	Acqua potabile, bevande, aria compressa, vuoto, gas & liquidi compatibili con i materiali costruttivi
<b>Materiali costruttivi</b>	Corpo: POM Colletto: POM + SUS301 Guarnizioni: EPDM idoneo al contatto con alimenti
<b>Filettature</b>	Gas Conica BSPT ISO 7 da R1/8" a R1/2" Gas Cilindrica BSPP ISO 228 da G1/8" a G1/2"
<b>Cappie di serraggia</b>	1/8" & 1/4": 1,5 N/m - 3/8" & 1/2": 3,0 N/m
<b>Pressiane d'esercizia</b>	-750mmHg a 20 Bar
<b>Temperatura d'esercizia</b>	fino a 98°C

"C/mm	4	6	8	10	12
1 ° *	20 Bar	20 Bar	20 Bar	16 Bar	14 Bar
25 °C *	20 Bar	20 Bar	20 Bar	16 Bar	14 Bar
70 °C *	16 Bar	16 Bar	16 Bar	14 Bar	12 Bar
98 °C	10 Bar	10 Bar	10 Bar	8 Bar	6 Bar

<b>Fluid types</b>	Water, beverages, compressed air, vacuum, selected gases & liquid suitable with construction materials
<b>Canstruction materials</b>	Body: POM Collet: POM + SUS 301 Seals: EPDM suitable for food contact
<b>Threads</b>	Taper gas ISO 7 from R1/8" to R1/2" Parallel gas ISO 228 from G1/8" to G1/2"
<b>Max tarque</b>	1/8" & 1/4": 1,5 N/m - 3/8" & 1/2": 3,0 N/m
<b>Warking pressure</b>	From -750mmHg to 20 Bar
<b>Warking temperature</b>	From -20°C to +150°C

°C mm	4	6	8	10	12
1 °C *	20 Bar	20 Bar	20 Bar	16Bar	14Bar
25 °C *	20 Bar	20 Bar	20 Bar	16Bar	14Bar
70 °C *	16 Bar	16 Bar	16 Bar	14 Bar	12 Bar
98 °C	10 Bar	10 Bar	10 Bar	8 Bar	6 Bar

<b>Tubi utilizzabili</b>	Tubi plastici: Poliammide (PA) - Polietilene (PE) - PUES - PUET - PTFE - FEP (tolleranza ±0,1mm) Tubi in metalli leggeri: Ottone, ramee acciaio dolce Tubi in metalli duri: Contattare l'ufficio tecnico per l'utilizzo con tubi in acciaio inox e altri metalli duri
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<b>Applicable Tubes</b>	<b>Plastic tubes:</b> polyamide (PA) - polyethylene (PE) PUES - PUET - PTFE - FEP (tolerance ±0,1mm) Soft metal tubes: Brass, copper and mild steel Hard metal tubes: please contact our technical department for stainless steel and other hard materials tubes use
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**RoHS** Prodotti conformi alla direttiva 2002/95/EC  
Prodotti conformi alla direttiva 1907/2006

**RoHS** Products in compliance with the directive 2002/95/EC  
Products in compliance with the directive 1907/2006

## *plastic push-in fittings for high performance*



### ISTRUZIONI PER IL CORRETTO USO DEI RACCORDI

- Non utilizzare i raccordi di questa serie con fluidi diversi dall'aria.
- Si raccomanda di prevenire eventuali aumenti della pressione causati da vibrazioni, rotazioni e strappi del raccordo.
- Non utilizzare i raccordi in ambienti dove sono presenti scintille di saldatura.
- Vibrazioni o rotazioni improprie del raccordo possono compromettere la funzionalità e causare perdite. Scegliere il prodotto in base all'applicazione utilizzata tra l'ampia gamma di raccordi del nostro catalogo.
- Non utilizzare i raccordi se non direttamente a contatto con fluidi quali olio da taglio, olio lubrificante, olio refrigerante.



### WARNING FOR FITTINGS RIGHT USE

- *Do not use them on fluids other than air. We don't recommend or guarantee to use them for other purposes.*
- *Be sure to prevent pressure buildup caused by twisting, pulling and bending of the fitting product.*
- *Do not use the product where weid spatters occur as fire may break out.*
- *Product damage or air leakage may occur at places where there is rotation and vibration, choose the right product from our catalogue.*
- *Do not use the product where it is directly exposed to fluids such as cutting oil, lubricating oil and coolant oil.*



### PRECAUZIONI

- Assemblare i raccordi solo dopo aver eliminato eventuali impurità presenti



### CAUTION

- Assemble the pipes only after clearing away impurities such as dust.