

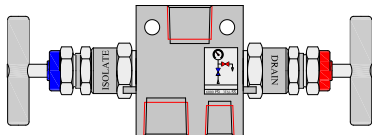


# PNEUMATICS PNEUMATICA



Manifold da barra  
Bar stock manifolds

MANIFOLD A DUE VALVOLE PER STRUMENTI DI PRESSIONE  
TWO VALVES MANIFOLD FOR PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

**Filettatura:** 1/2" NPT - F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.

Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Thread:** 1/2" NPT - F

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max

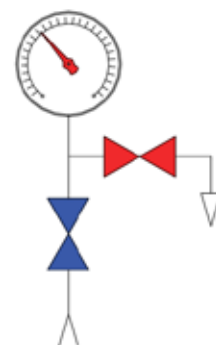
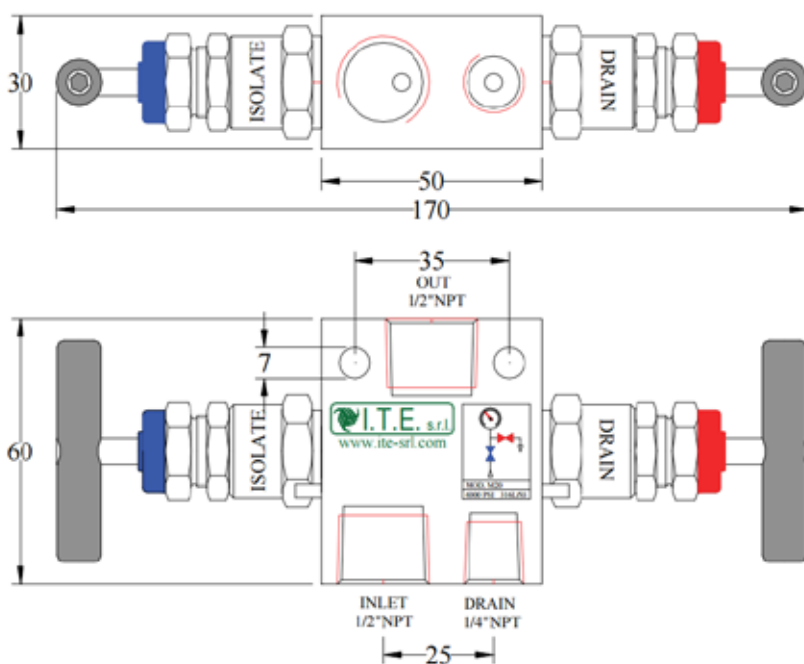
temperature 180° C. For temperature until 500°C,

Graphoil.

**Material:** 316/316L

Other material on request

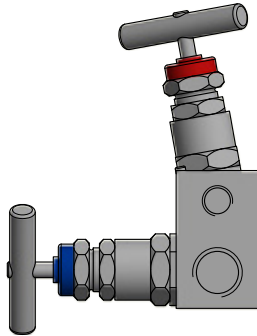
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010001	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010001	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010001	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A DUE VALVOLE PER STRUMENTI DI PRESSIONE  
TWO VALVES MANIFOLD FOR PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

**Filettatura:** 1/2" NPT - F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Thread:** 1/2" NPT - F

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

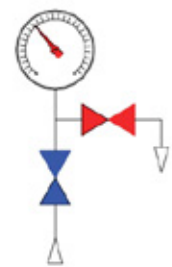
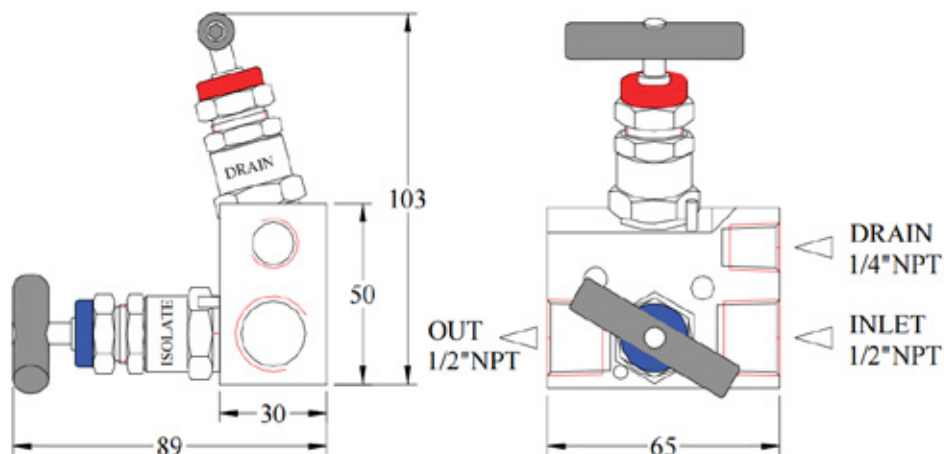
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

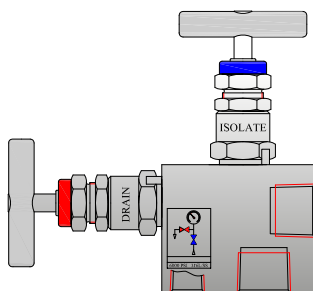
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010002	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010002	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010002	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A DUE VALVOLE PER STRUMENTI DI PRESSIONE  
TWO VALVES MANIFOLD FOR PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 90°

**Filettatura:** 1/2" NPT - F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 90°

**Thread:** 1/2" NPT - F

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operationg pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

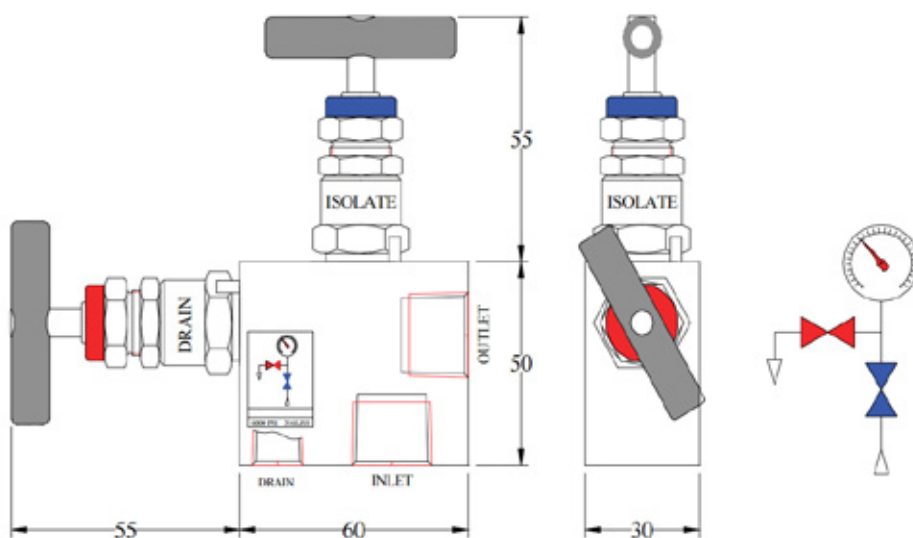
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request.

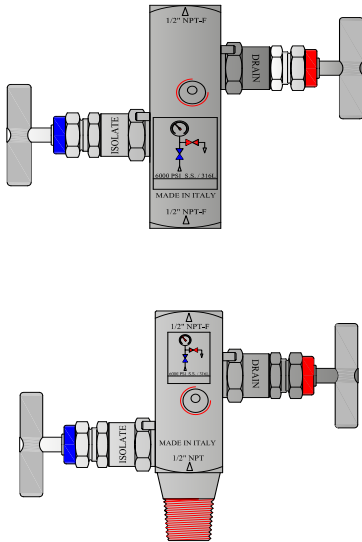
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010003	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010003	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010003	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A DUE VALVOLE PER STRUMENTI DI PRESSIONE  
TWO VALVES MANIFOLD FOR PRESSURE INSTRUMENT



Questo Manifold è usato per collegare uno strumento a pressione statica con il fluido di processo. E' composto da una valvola di intercettazione principale e una valvola secondaria per lo scarico e l'azzeramento dello strumento.

*This manifold is used for connect a static pressure instrument to process fluid. Composed of primary block valve and secondary valve for instrument venting or calibrating.*

**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Technical Specifications:**

*Bar stock body with outside screwed bonnet*

**Connections:** 180°

**Thread:** 1/2" NPT

**Drain thread:** 1/4" NPT - F

*Other thread on request*

**Connessioni:** 180°

**Filettatura:** 1/2" NPT

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Nominal operating pressure:**

*S.3000 Psi - S.6000 Psi - S.10000 Psi*

*210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>*

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

*Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, special packing without asbestos.*

*Orifice size 5.5 mm*

Baderne in Teflon come standard fino a 180°C.

Per temperature fino a 500°C si forniscono baderne in treccia speciale esente da amianto.

Passaggi interni con diametro 5.5 mm

**Material:** 316/316L

*Other material on request*

**Materiale:** 316/316L

Altri materiali su richiesta

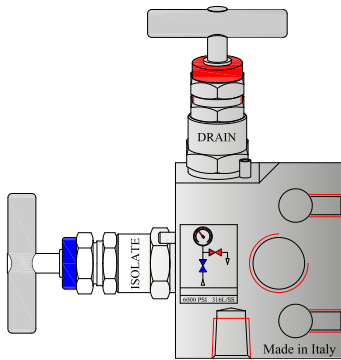
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010004	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010004	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010004	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L

CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010005	1/2" NPT - M	1/2" NPT - F	1/4" NPT - F 1/4"	S.3000	316/316L
12.01.05.01.00010005	1/2" NPT - M	1/2" NPT - F	NPT - F 1/4"	S.6000	316/316L
12.01.06.01.00010005	1/2" NPT - M	1/2" NPT - F	NPT - F	S.10000	316/316L



Manifold da barra  
Bar stock manifolds

MANIFOLD A DUE VALVOLE PER STRUMENTI DI PRESSIONE  
TWO VALVES MANIFOLD FOR PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

**Connessione allo strumento:** flangiata

**Connessioni al processo filettate:** 1/2" NPT-F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

Adatto per montaggio diretto su trasmettitore di pressione o ad una cella di un trasmettitore di pressione differenziale. Il manifold è corredato di No. 1 O-Ring in Teflon caricato vetro e di No. 2 Viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Instrument connection:** flanged

**Process connection Threaded:** 1/2" NPT

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

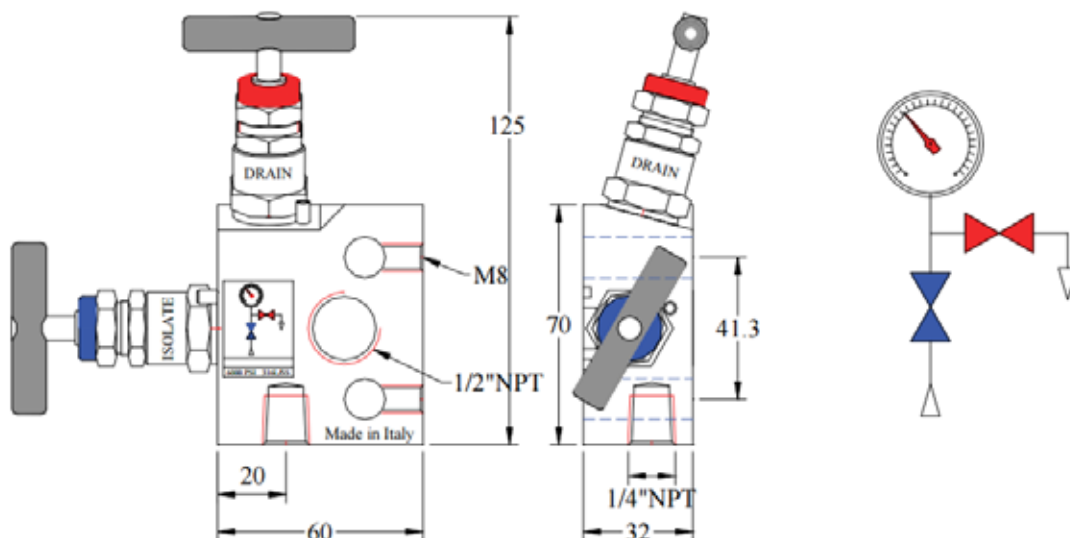
Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

Suitable for direct mounting to gauge transmitter or one cell of a differential pressure transmitter. No. 1 off PTFE manifold to instrument sealing ring together with No. 2 off 7/16" UNF galvanized bolts are included with the manifold.

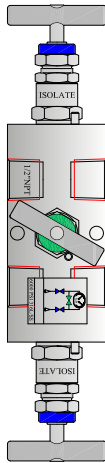
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010006	1/2" NPT - F	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010006	1/2" NPT - F	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010006	1/2" NPT - F	Flanged	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
THREE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente.

**Connessioni:** 180°

**Filettatura:** 1/2" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.

Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Thread:** 1/2" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

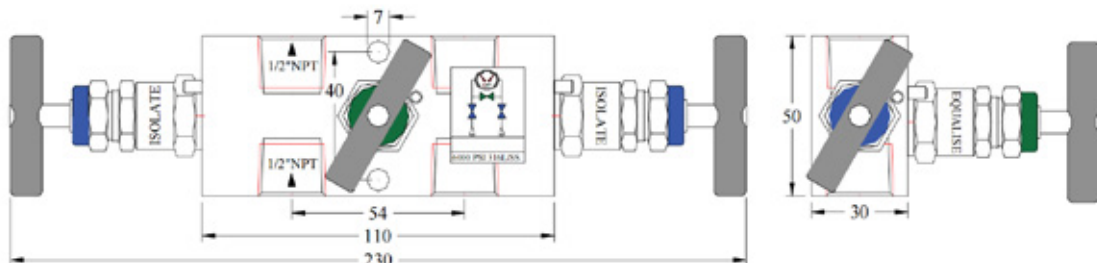
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

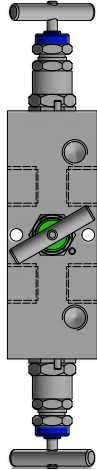
CODICE CODE	CONFIGURAZIONE CONFIGURATION		PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet		
12.01.04.01.00010007	1/2" NPT - F	1/2" NPT - F	S.3000	316/316L
12.01.05.01.00010007	1/2" NPT - F	1/2" NPT - F	S.6000	316/316L
12.01.06.01.00010007	1/2" NPT - F	1/2" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE  
THREE VALVES MANIFOLD FOR PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

**Filettatura:** 1/2" NPT - F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Thread:** 1/2" NPT - F

**Drain Connections threaded:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

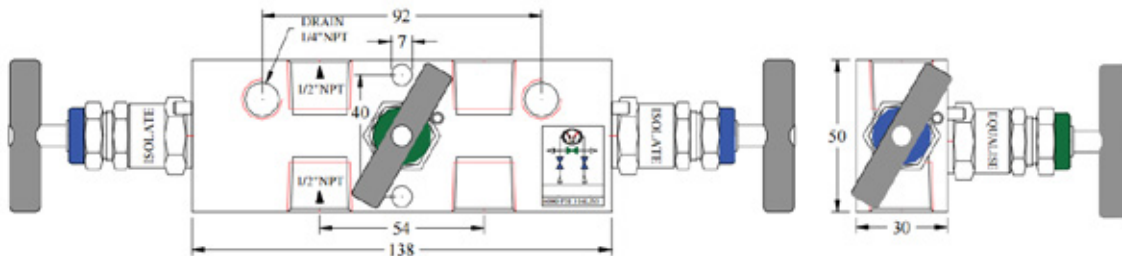
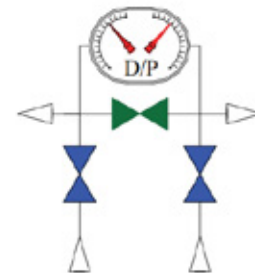
S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010008	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010008	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010008	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L



Pneumatica  
Pneumatic

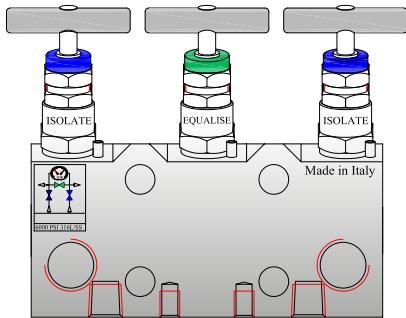
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Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
THREE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

**Connessione allo strumento:** flangiata

**Connessioni al processo:** 1/2" NPT-F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

Adatto per montaggio diretto su trasmettitore di pressione differenziale. Il manifold è corredato di No. 2 O-Ring in Teflon caricato vetro e di No. 4 viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Instrument connection:** flanged

**Process connection:** 1/2" NPT - F

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

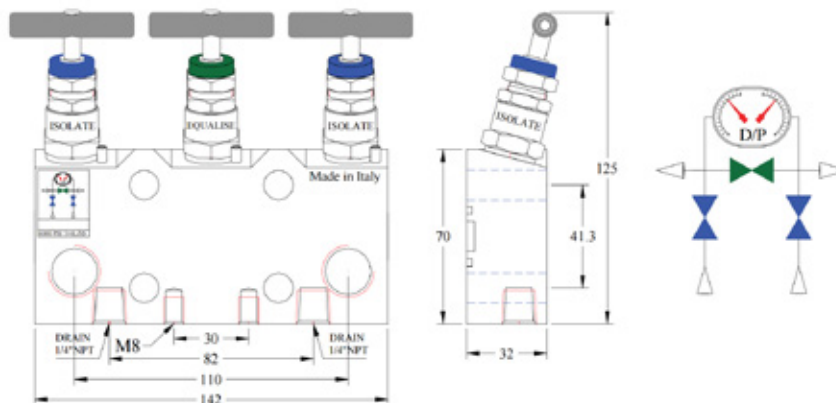
Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

Suitable for direct mounting on differential pressure transmitter. No. 2 off PTFE manifold to instrument sealing ring together with No. 4 off 7/16" UNF galvanized bolts are included with the manifold.

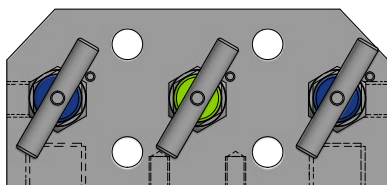
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010009	1/2" NPT - F	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010009	1/2" NPT - F	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010009	1/2" NPT - F	Flanged	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
THREE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 90°

**Connessione allo strumento:** flangiata

**Connessioni al processo:** 1/2" NPT-F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

Adatto per montaggio diretto su trasmettitore di pressione differenziale. Il manifold è corredato di No. 2 O-Ring in Teflon caricato vetro e di No. 4 viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 90°

**Instrument connection:** flanged

**Process connection:** 1/2" NPT - F

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

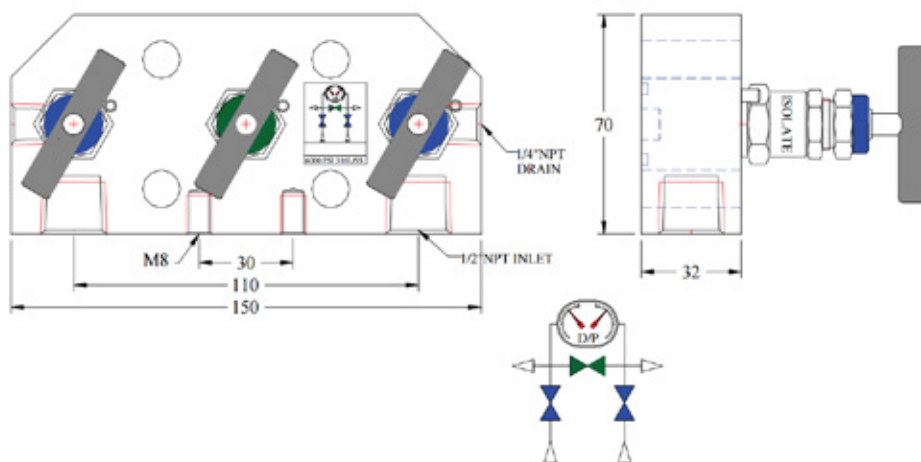
Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

Suitable for direct mounting on differential pressure transmitter. No. 2 off PTFE manifold to instrument sealing ring together with No. 4 off 7/16" UNF galvanized bolts are included with the manifold.

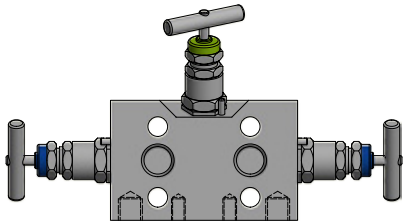
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010010	1/2" NPT - F	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010010	1/2" NPT - F	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010010	1/2" NPT - F	Flanged	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
THREE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente.

Connessioni allo strumento ed al processo flangiate.

Interasse attacchi 54 mm.

**Attacchi di spurgo:** 1/4" NPT - F

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.

Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

Il manifold è corredato di No. 2 O-Ring in Teflon caricato vetro e di No. 4 Viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet.

Process and Instruments connections flanged.

Center to center connections length 54 mm.

**Drain thread:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max

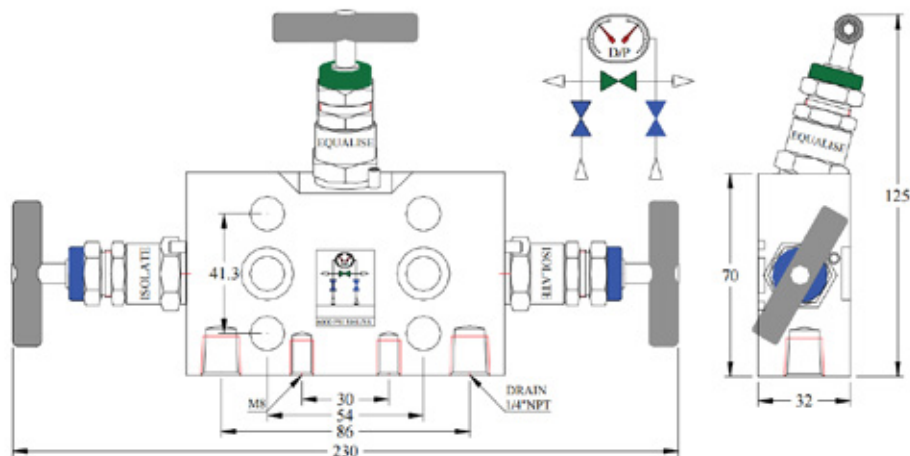
temperature 180° C. For temperature until 500°C, Graphoil.

**Material:** 316/316L

Other material on request

The manifold is equipped with No. 2 off PTFE sealing ring and No. 4 off 7/16" UNF galvanized bolts.

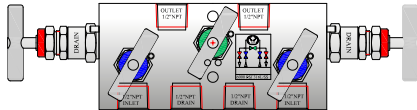
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010011	Flanged	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010011	Flanged	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010011	Flanged	Flanged	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A CINQUE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
FIVE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni: 180°**

**Filettatura: 1/2" NPT-F**

**Attacchi di spurgo: 1/4" NPT - F**

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne speciali esente da amianto.

Passaggi interni con diametro 4 mm.

**Materiale: 316/316L**

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections: 180°**

**Thread: 1/2" NPT - F**

**Drain connection: 1/4" NPT - F**

Other thread on request

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi

210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

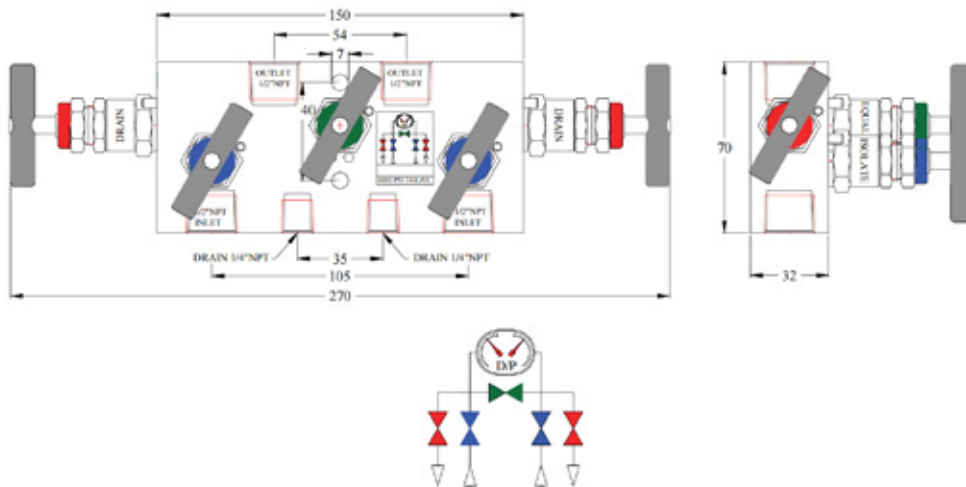
Packing material PTEE as standard max temperature until 500° C. Special Packing without asbestos.

Orifice size 4 mm

**Material: 316/316L**

Other material on request

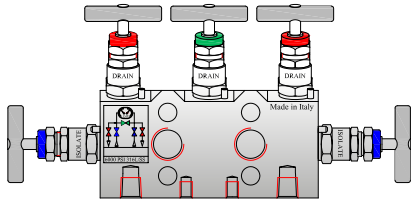
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010012	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010012	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010012	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A CINQUE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
FIVE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessione:** 180°

**Connessione allo strumento:** flangiata

**Connessione al processo:** 1/2" NPT-F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

**Materiale:** 316/316L

Altri materiali su richiesta

Adatto per montaggio diretto su trasmettitore di pressione differenziale.

il manifold è corredato di No. 2 O-Ring in Teflon caricato vetro e di No. Viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

**Instrument connection:** flanged

**Process connection:** 1/2" NPT - F

**Drain connection:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

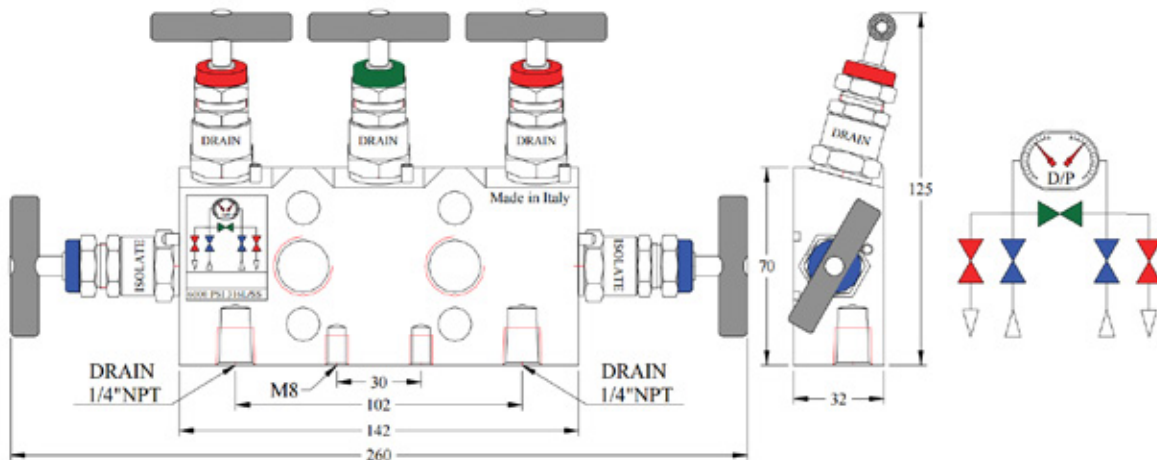
S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

**Material:** 316/316L

Other material on request

Suitable for direct mounting on differential pressure transmitter. The manifold is equipped with No. 2 off PTFE sealing ring and No. 4 off 7/16" UNF galvanized bolts.

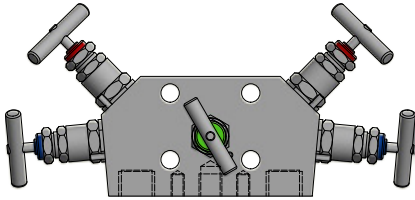
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010013	1/2" NPT - F	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010013	1/2" NPT - F	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010013	1/2" NPT - F	Flanged	1/4" NPT - F	S.10000	316/316L





Manifold da barra  
Bar stock manifolds

MANIFOLD A CINQUE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
FIVE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessione:** 90°

**Connessione allo strumento:** flangiata

**Connessione al processo:** 1/2" NPT-F

**Attacchi di spurgo:** 1/4" NPT - F

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

**Materiale:** AISI 316/316L

Altri materiali su richiesta

Adatto per montaggio diretto su trasmettitore di pressione differenziale.

il manifold è corredato di No. 2 O-Ring in Teflon caricato vetro e di No. Viti da 7/16" UNF zincate.

**Technical Specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 90°

**Instrument connection:** flanged

**Process connection:** 1/2" NPT - F

**Drain connection:** 1/4" NPT - F

Other thread on request

**Nominal operating pressure:**

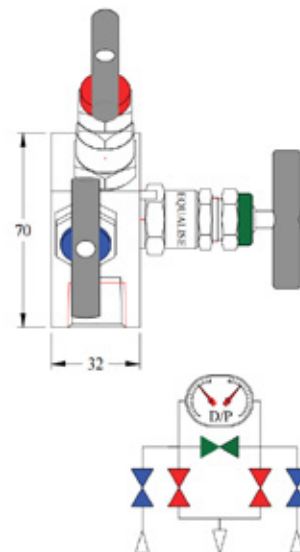
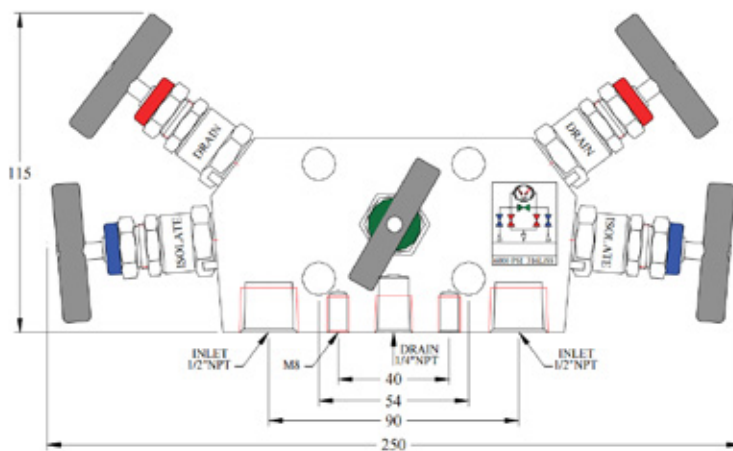
S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

**Material:** AISI 316/316L

Other material on request

Suitable for direct mounting on differential pressure transmitter. The manifold is equipped with No. 2 off PTFE sealing ring and No. 4 off 7/16" UNF galvanized bolts.

CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010014	1/2" NPT - F	Flanged	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010014	1/2" NPT - F	Flanged	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010014	1/2" NPT - F	Flanged	1/4" NPT - F	S.10000	316/316L



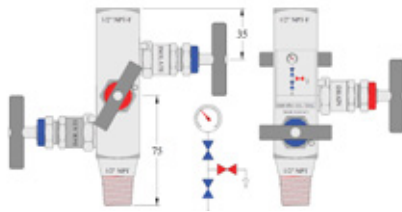
Pneumatica  
Pneumatic

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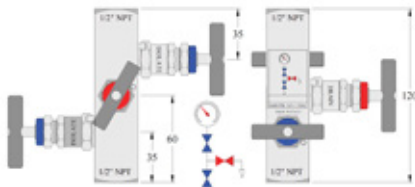


Manifold da barra  
Bar stock manifolds

MANIFOLD A TRE VALVOLE PER STRUMENTI DI PRESSIONE DIFFERENZIALE  
THREE VALVES BY-PASS MANIFOLD FOR DIFFERENTIAL PRESSURE INSTRUMENT



MALE / FEMALE



FEMALE / FEMALE

**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente.

**Connessioni:** 180°

**Connessioni filettate:** 1/2" NPT - ANSI B1.20.1

**Attacchi di spurgo filettato:** 1/4" NPT - F ANSI B1.20.1

Altre filettature su richiesta

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

Passaggi interni con diametro 5,5 mm.

**Materiale:** AISI 316/316L

Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet.

Connections: 180°

**Thread:** 1/2" NPT

**Drain connection threaded:** 1/4" NPT - F ANSI B1.20.1

Other thread on request

**Nominal operationng pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi  
210 kg/cm<sup>2</sup>-420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.

Orifice size 5,5, mm.

**Material:** AISI 316/316L

Other material on request

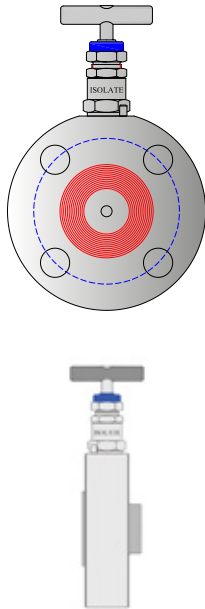
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010015	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010015	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010015	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L

CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.01.04.01.00010016	1/2" NPT - M	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.01.05.01.00010016	1/2" NPT - M	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L
12.01.06.01.00010016	1/2" NPT - M	1/2" NPT - F	1/4" NPT - F	S.10000	316/316L



Manifold monoflangia  
Monoflange manifold

MANIFOLD MONOFLANGIA  
MONOFLANGE MANIFOLD



Questo manifold a montaggio diretto è adatto per isolare il processo nelle tubazioni orizzontali o verticali con attacchi flangiati.

*For direct and close mounting to the flange connection of process isolating valves on horizontal and vertical pipe lines.*

**Condizioni di impiego:** Secondo il rating della flangia prescelta.

**Operationg Conditions:** According with the selected flange rating.

**Attacco lato processo:** flangiato, adatto per flange in accordo ad ANSI B16.5

**Process connection:** flanged in accordance with ANSI B16.5

**Attacco allo strumento:** 1/2" NPT-F  
Altre filettature su richiesta

**Instrument connection:** 1/2" NPT-F  
Other thread on request

Baderne in Teflon come standard fino a 180°C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

*Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.*

**Materiali:** 316/316L  
Altri materiali su richiesta

**Material:** 316/316L  
Other material on request

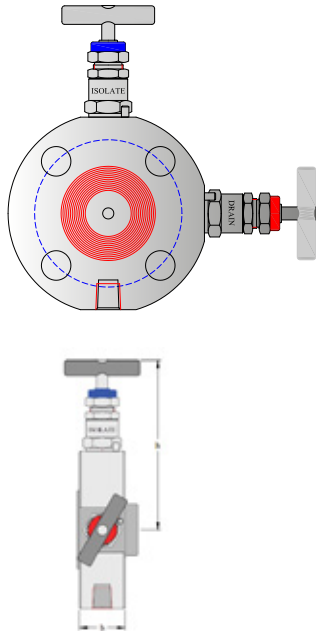
CODICE CODE	CONFIGURAZIONE CONFIGURATION		FLANGE RATING	MATERIALE MATERIAL
	Inlet	Outlet		
12.02.14.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 150 RF	316/316L
12.02.14.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 150 RF	316/316L
12.02.14.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 150 RF	316/316L
12.02.15.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 300 RF	316/316L
12.02.15.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 300 RF	316/316L
12.02.15.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 300 RF	316/316L
12.02.16.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 600 RF	316/316L
12.02.16.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 600 RF	316/316L
12.02.16.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 600 RF	316/316L
12.02.17.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 900 RF	316/316L
12.02.17.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 900 RF	316/316L
12.02.17.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 900 RF	316/316L
12.02.18.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 1500 RF	316/316L
12.02.18.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 1500 RF	316/316L
12.02.18.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 1500 RF	316/316L
12.02.19.01.00010001	Flange 1/2" RF	1/2" NPT-F	Ansi 2500 RF	316/316L
12.02.19.01.00010002	Flange 3/4" RF	1/2" NPT-F	Ansi 2500 RF	316/316L
12.02.19.01.00010003	Flange 1" RF	1/2" NPT-F	Ansi 2500 RF	316/316L





Manifold monoflangia  
Monoflange manifold

MANIFOLD MONOFLANGIA  
MONOFLANGE MANIFOLD



Questo manifold a montaggio diretto è adatto per isolare il processo nelle tubazioni orizzontali o verticali con attacchi flangiati.

*For direct and close mounting to the flange connection of process isolating valves on horizontal and vertical pipe lines.*

**Condizioni di impiego:** Secondo il rating della flangia prescelta.

**Operating Conditions:** According with the selected flange rating

**Attacco lato processo:** flangiato, adatto per flange in accordo ad ANSI B16.5

**Process connection:** flanged in accordance with ANSI B16.5

**Attacco allo strumento:** 1/2" NPT-F

**Instrument connection:** 1/2" NPT-F

**Attacco di spurgo:** 1/4" NPT-F

**Drain connection:** 1/4" NPT-F

Altre filettature su richiesta

Other thread on request

Baderne in Teflon come standard fino a 180°C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

*Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.*

**Materiali:** 316/316L

**Material:** 316/316L

Altri materiali su richiesta

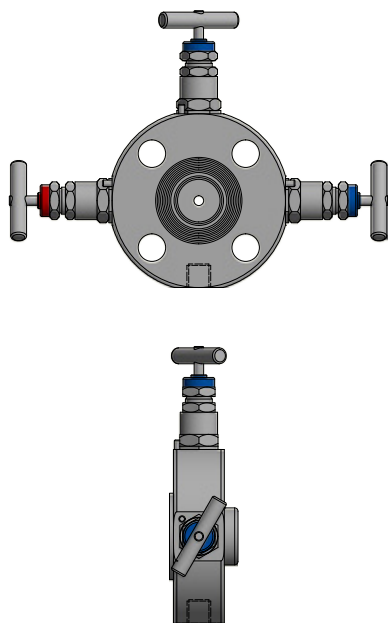
Other material on request

CODICE CODE	CONFIGURAZIONE CONFIGURATION			FLANGE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.02.14.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 150 RF	316/316L
12.02.14.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 150 RF	316/316L
12.02.14.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 150 RF	316/316L
12.02.15.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 300 RF	316/316L
12.02.15.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 300 RF	316/316L
12.02.15.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 300 RF	316/316L
12.02.16.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 600 RF	316/316L
12.02.16.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 600 RF	316/316L
12.02.16.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 600 RF	316/316L
12.02.17.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 900 RF	316/316L
12.02.17.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 900 RF	316/316L
12.02.17.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 900 RF	316/316L
12.02.18.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 1500 RF	316/316L
12.02.18.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 1500 RF	316/316L
12.02.18.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 1500 RF	316/316L
12.02.19.01.00010004	Flange 1/2" RF	1/2" NPT-F	1/4" NPT -F	Ansi 2500 RF	316/316L
12.02.19.01.00010005	Flange 3/4" RF	1/2" NPT-F	1/4" NPT -F	Ansi 2500 RF	316/316L
12.02.19.01.00010006	Flange 1" RF	1/2" NPT-F	1/4" NPT -F	Ansi 2500 RF	316/316L



Manifold monoflangia  
Monoflange manifold

MANIFOLD MONOFLANGIA  
MONOFLANGE MANIFOLD



Questo manifold a montaggio diretto è adatto per isolare il processo nelle tubazioni orizzontali o verticali con attacchi flangiati.

*For direct and close mounting to the flange connection of process isolating valves on horizontal and vertical pipe lines.*

**Condizioni di impiego:** Secondo il rating della flangia prescelta.

**Operating Conditions:** According with the selected flange rating

**Attacco lato processo:** flangiato, adatto per flange in accordo ad ANSI B16.5

**Process connection:** flanged in accordance with ANSI B16.5

**Attacco allo strumento:** 1/2" NPT-F

**Instrument connection:** 1/2" NPT-F

**Attacco di spurgo:** 1/4" NPT-F

**Drain connection:** 1/4" NPT-F

Altre filettature su richiesta

Other thread on request

Baderne in Teflon come standard fino a 180°C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

*Packing material PTFE as standard max temperature 180° C. For temperature until 500°C, Graphoil.*

**Materiali:** 316/316L

**Material:** 316/316L

Altri materiali su richiesta

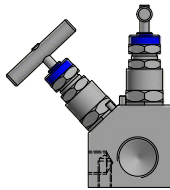
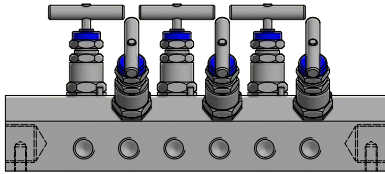
Other material on request

CODICE CODE	CONFIGURAZIONE CONFIGURATION			FLANGE RATING	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.02.14.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 150 RF	316/316L
12.02.14.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 150 RF	316/316L
12.02.14.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 150 RF	316/316L
12.02.15.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 300 RF	316/316L
12.02.15.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 300 RF	316/316L
12.02.15.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 300 RF	316/316L
12.02.16.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 600 RF	316/316L
12.02.16.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 600 RF	316/316L
12.02.16.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 600 RF	316/316L
12.02.17.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 900 RF	316/316L
12.02.17.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 900 RF	316/316L
12.02.17.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 900 RF	316/316L
12.02.18.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 1500 RF	316/316L
12.02.18.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 1500 RF	316/316L
12.02.18.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 1500 RF	316/316L
12.02.19.01.00010007	Flange 1/2" RF	1/2" NPT-F	1/4" NPT-F	Ansi 2500 RF	316/316L
12.02.19.01.00010008	Flange 3/4" RF	1/2" NPT-F	1/4" NPT-F	Ansi 2500 RF	316/316L
12.02.19.01.00010009	Flange 1" RF	1/2" NPT-F	1/4" NPT-F	Ansi 2500 RF	316/316L



Manifold distributori  
Distribution manifold

MANIFOLD DISTRIBUTORI  
DISTRIBUTION MANIFOLD



Questo manifold è ricavato da barra con valvole inclinate. Le due file di valvole sono sfalsate ed inclinate di 45° grandi tra loro.  
Il manifold distributore è disponibile con un numero di valvole, fino ad un massimo di 12.  
Il corpo è corredato di n. 2 fori di fissaggio filettati M8.

*This manifold is of the staggered bonnet pattern. The rows of the valves being offset by 45° degrees to each other. It is available with any number of bonnets up to a maximum of twelve. The body is supplied with two fixing holes tapered M8.*

**Pressione massima di esercizio:**  
S.6000 Psi - S.10000 Psi (su richiesta)  
420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

**Maximum working pressure:**  
S.6000 Psi - S.10000 Psi (on request)  
420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Filettatura std. NPT ANSI B1.20.1 - Altri filetti a richiesta  
Attacco di spurgo filettato 1/4" NPT-F ANSI B1.20.1

*Std. thread NPT ANSI B1.20.1 - Other thread on request. Drain connection threaded 1/4" NPT-F ANSI B1.20.1*

Tenute in Teflon, altre tenute a richiesta.

*Std. packing P.T.F.E. Other packing on request.*

CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	USCITE OUTLETS	MATERIALE MATERIAL
	Inlet	Outlet	Drain			
12.01.05.01.00010017	1/2" NPT - F	1/2 NPT - F	1/4" NPT - F	S.6000	4	316L
12.01.05.01.00010018	1/2" NPT - F	1/2 NPT - F	1/4" NPT - F	S.6000	6	316L
12.01.05.01.00010019	1/2" NPT - F	1/2 NPT - F	1/4" NPT - F	S.6000	8	316L
12.01.05.01.00010020	1/2" NPT - F	1/2 NPT - F	1/4" NPT - F	S.6000	12	316L

Altre configurazioni su richiesta  
Other configurations on request



## Manifold distributor Distribution manifold

### MANIFOLD DISTRIBUTORI DISTRIBUTION MANIFOLD

Questo manifold è ricavato da barra con valvole in linea.

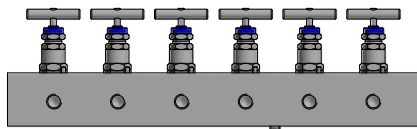
Il manifold distributore è disponibile con un numero di valvole, fino ad un massimo di 12.

Il corpo è corredato di n. 2 fori di fissaggio filettati M8.

*The model M92 bar stock distribution manifold with straight line bonnet.*

*It is available with any number of bonnets up to a maximum of twelve.*

*The body is supplied with two fixing holes tapered M8.*



#### Pressione massima di esercizio:

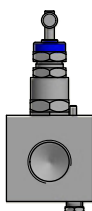
S.6000 Psi - S.10000 Psi (su richiesta)

420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

#### Maximum working pressure:

S.6000 Psi - S.10000 Psi (on request)

420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>



Filettatura std. NPT ANSI B1.20.1 - Altri filetti a richiesta

Attacco di spurgo filettato 1/4" NPT-F ANSI B1.20.1

Tenute in Teflon, altre tenute a richiesta.

*Std. thread NPT ANSI B1.20.1 - Other thread on request.*

*Drain connection threaded 1/4" NPT-F ANSI B1.20.1*

*Std. packing P.T.F.E. Other packing on request.*

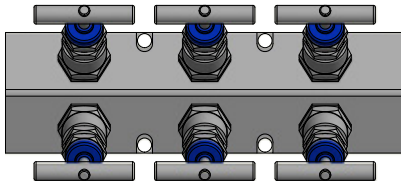
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	USCITE OUTLETS	MATERIALE MATERIAL
	Inlet	Outlet	Drain			
12.01.05.01.00010021	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	4	316L
12.01.05.01.00010022	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	6	316L
12.01.05.01.00010023	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	8	316L
12.01.05.01.00010024	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	12	316L

Altre configurazioni su richiesta  
Other configurations on request



## Manifold distributori Distribution manifold

### MANIFOLD DISTRIBUTORI DISTRIBUTION MANIFOLD



Questo manifold è ricavato da barra con valvole disposte a V.  
Il manifold distributore è disponibile con un numero di valvole, fino ad un massimo di 12.  
Il corpo è corredato di n. 2 o 4 fori di diam. M7 per fissaggio a pannello.

**Pressione massima di esercizio:**  
S.6000 Psi - S.10000 Psi (su richiesta)  
420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Filettatura std. NPT ANSI B1.20.1 - Altri filetti a richiesta  
Attacco di spurgo filettato 1/4" NPT-F ANSI B1.20.1

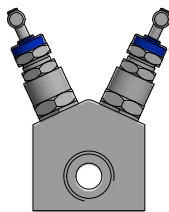
Tenute in Teflon, altre tenute a richiesta.

*The model M93 bar stock distribution manifold with bonnets disposed a V.  
It is available with any number of bonnets up to a maximum of twelve.  
The body is supplied with 2 or 4 fixing holes tapered M7 for Panel mounting.*

**Maximum working pressure:**  
S.6000 Psi - S.10000 Psi (on request)  
420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

*Std. thread NPT ANSI B1.20.1 - Other thread on request.  
Drain connection threaded 1/4" NPT-F ANSI B1.20.1*

*Std. packing P.T.F.E. Other packing on request.*



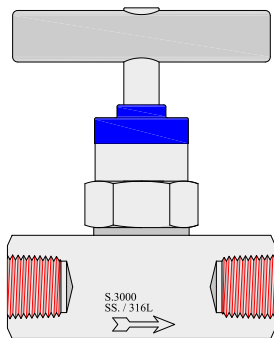
CODICE CODE	CONFIGURAZIONE CONFIGURATION			PRESSIONE NOMINALE RATING	USCITE OUTLETS	MATERIALE MATERIAL
	Inlet	Outlet	Drain			
12.01.05.01.00010025	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	4	316L
12.01.05.01.00010026	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	6	316L
12.01.05.01.00010027	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	8	316L
12.01.05.01.00010028	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	10	316L
12.01.05.01.00010029	1/2" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	12	316L
12.01.05.01.00010030	3/4" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	4	316L
12.01.05.01.00010031	3/4" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	6	316L
12.01.05.01.00010032	3/4" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	8	316L
12.01.05.01.00010033	3/4" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	10	316L
12.01.05.01.00010034	3/4" NPT - F	1/2" NPT - F	1/4" NPT - F	S.6000	12	316L

Altre configurazioni su richiesta  
Other configurations on request



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO PER INTERCETTAZIONI ARIA STRUMENTI  
PNEUMATIC LINES CUT-OFF VALVES



FEMALE CONNECTION

Questo tipo di valvola è adatto per intercettazione aria strumenti per gas non tossici.

*This type of valve is suitable for pneumatic lines and for service on non - toxic gas*

**Specifiche tecniche**

Corpo forgiato con bonnet integrale

**Technical specifications:**

*Forged body with integral bonnet*

**Connessione:** Filettate

**Pressione nominale di esercizio:**

S.800 Psi - S.3000 Psi- Pn 100

**Connections:** Threaded

**Nominal operating pressure:**

*S.800 Psi - S.3000 Psi- Pn 100*

Baderna in Viton+PTFE per temperature fino a 180 °C

*Viton+PTFE packing material for temperature until 180°C.*

**Materiale:** 316/316L

Altri materiali su richiesta

**Material:** 316/316L

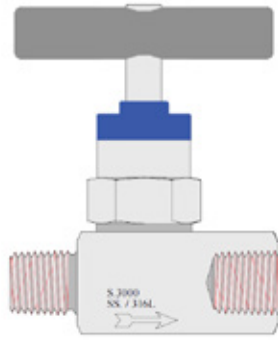
*Other material on request*

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.03.01.00010001	1/8" NPT F/F	S. 800	316/316L
12.03.04.01.00010001	1/8" NPT F/F	S.3000	316/316L
12.03.03.01.00010002	1/4" NPT F/F	S. 800	316/316L
12.03.04.01.00010002	1/4" NPT F/F	S.3000	316/316L
12.03.03.01.00010003	1/2" NPT F/F	S. 800	316/316L
12.03.04.01.00010003	1/2" NPT F/F	S.3000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO PER INTERCETTAZIONI ARIA STRUMENTI  
PNEUMATIC LINES CUT-OFF VALVES



MALE/ FEMALE CONNECTION

Questo tipo di valvola è adatto per intercettazione aria strumenti per gas non tossici.

*This type of valve is suitable for pneumatic lines and for service on non - toxic gas*

**Specifiche tecniche:**  
Corpo forgiato con bonnet integrale

**Technical specifications:**  
*Forged body with integral bonnet*

**Connessione:** Filettate  
**Pressione nominale di esercizio:**  
S.800 Psi - S.3000 Psi- Pn 100

**Connections:** Threaded  
**Nominal operating pressure:**  
S.800 Psi - S.3000 Psi- Pn 100

Baderne in Viton+PTFE per temperature fino a 180 °C

*Viton+PTFE packing material for temperature until 180°C.*

**Materiale:** 316/316L  
Altri materiali su richiesta

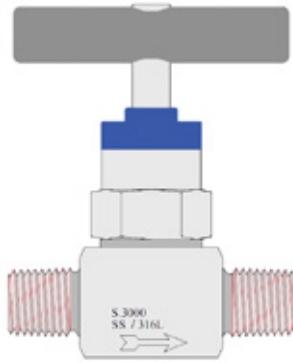
**Material:** 316/316L  
*Other material on request*

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.03.01.00010004	1/8" NPT M/F	S. 800	316/316L
12.03.04.01.00010004	1/8" NPT M/F	S.3000	316/316L
12.03.03.01.00010005	1/4" NPT M/F	S. 800	316/316L
12.03.04.01.00010005	1/4" NPT M/F	S.3000	316/316L
12.03.03.01.00010006	1/2" NPT M/F	S. 800	316/316L
12.03.04.01.00010006	1/2" NPT M/F	S.3000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO PER INTERCETTAZIONI ARIA STRUMENTI  
PNEUMATIC LINES CUT-OFF VALVES



MALE CONNECTION

Questo tipo di valvola è adatto per intercettazione aria strumenti per gas non tossici.

*This type of valve is suitable for pneumatic lines and for service on non - toxic gas*

**Specifiche tecniche:**

Corpo forgiato con bonnet integrale

**Technical specifications:**

*Forged body with integral bonnet*

**Connessione:** Filettate

**Pressione nominale di esercizio:**

S.800 Psi - S.3000 Psi- Pn 100

**Connections:** Threaded

**Nominal operating pressure:**

*S.800 Psi - S.3000 Psi- Pn 100*

Baderna in Viton+PTFE per temperature fino a 180 °C

*Viton+PTFE packing material for temperature until 180°C.*

**Materiale:** 316/316L

Altri materiali su richiesta

**Material:** 316/316L

*Other material on requestw*

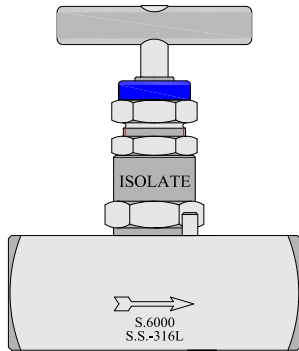
CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.03.01.00010007	1/8" NPT M/M	S. 800	316/316L
12.03.04.01.00010007	1/8" NPT M/M	S.3000	316/316L
12.03.03.01.00010008	1/4" NPT M/M	S. 800	316/316L
12.03.04.01.00010008	1/4" NPT M/M	S.3000	316/316L
12.03.03.01.00010009	1/2" NPT M/M	S. 800	316/316L
12.03.04.01.00010009	1/2" NPT M/M	S.3000	316/316L





Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA  
NEEDLE PLUG VALVES FROM BAR STOCK



FEMALE/FEMALE

Corpo ricavato da barra con bonnet filettato esternamente.

**Connessioni:** 180°  
Filettate o a tasca a saldare

**Pressione nominale di esercizio:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

Baderne in teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L  
Altri materiali su richiesta

Bar stock body with outside screwed bonnet.

**Connections:** 180°  
Threaded or socket welding

**Nominal operating pressure:**  
S.3000/S.6000/Psi - S.10000 (on request) - Pn 100

Packing material PTFE as standard max temperature until 180°C. For temperature until 500°C, Graphoil.

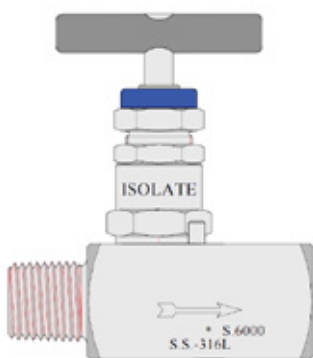
**Material:** 316/316L  
Other material on request

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.04.01.00010010	1/4" NPT F/F	S.3000	316/316L
12.03.04.01.00010011	1/2" NPT F/F	S.3000	316/316L
12.03.04.01.00010012	3/4" NPT F/F	S.3000	316/316L
12.03.04.01.00010013	1" NPT F/F	S.3000	316/316L
12.03.05.01.00010001	1/4" NPT F/F	S.6.000	316/316L
12.03.05.01.00010002	1/2" NPT F/F	S.6.000	316/316L
12.03.05.01.00010003	3/4" NPT F/F	S.6.000	316/316L
12.03.05.01.00010004	1" NPT F/F	S.6.000	316/316L
12.03.04.01.00010014	1/4" SW	S.3000	316/316L
12.03.04.01.00010015	1/2" SW	S.3000	316/316L
12.03.04.01.00010016	3/4" SW	S.3000	316/316L
12.03.04.01.00010017	1" SW	S.3000	316/316L
12.03.05.01.00010005	1/4" SW	S.6.000	316/316L
12.03.05.01.00010006	1/2" SW	S.6.000	316/316L
12.03.05.01.00010007	3/4" SW	S.6.000	316/316L
12.03.05.01.00010008	1" SW	S.6.000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA  
NEEDLE PLUG VALVES FROM BAR STOCK



MALE/FEMALE

Corpo ricavato da barra con bonnet filettato esternamente.

Bar stock body with outside screwed bonnet.

**Connessioni:** 180°

Filettate o a tasca a saldare

**Connections:** 180°

Threaded or socket welding

**Pressione nominale di esercizio:**

S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

**Nominal operating pressure:**

S.3000/S.6000/Psi - S.10000 (on request) - Pn 100

Baderne in teflon come standard fino a 180°C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

Packing material PTFE as standard max temperature until 180°C. For temperature until 500°C, Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Material:** 316/316L

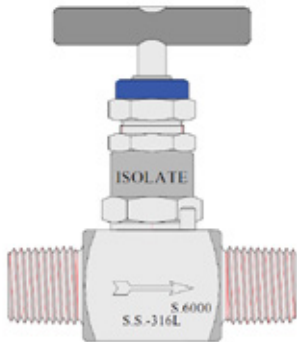
Other material on request

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.04.01.00010018	1/4" NPT M/F	S.3000	316/316L
12.03.04.01.00010019	1/2" NPT M/F	S.3000	316/316L
12.03.04.01.00010020	3/4" NPT M/F	S.3000	316/316L
12.03.04.01.00010021	1" NPT M/F	S.3000	316/316L
12.03.05.01.00010009	1/4" NPT M/F	S.6.000	316/316L
12.03.05.01.00010010	1/2" NPT M/F	S.6.000	316/316L
12.03.05.01.00010011	3/4" NPT M/F	S.6.000	316/316L
12.03.05.01.00010012	1" NPT M/F	S.6.000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA  
NEEDLE PLUG VALVES FROM BAR STOCK



MALE CONNECTION

Corpo ricavato da barra con bonnet filettato esternamente.

*Bar stock body with outside screwed bonnet.*

**Connessioni:** 180°  
Filettate o a tasca a saldare

**Connections:** 180°  
*Threaded or socket welding*

**Pressione nominale di esercizio:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) -  
Pn 100

**Nominal operating pressure:**  
*S.3000/S.6000/Psi - S.10000 (on request) -  
Pn 100*

Baderne in teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono  
baderne in Graphoil.

*Packing material PTFE as standard max  
temperature until 180°C. For temperature until  
500°C, Graphoil.*

**Materiale:** 316/316L  
Altri materiali su richiesta

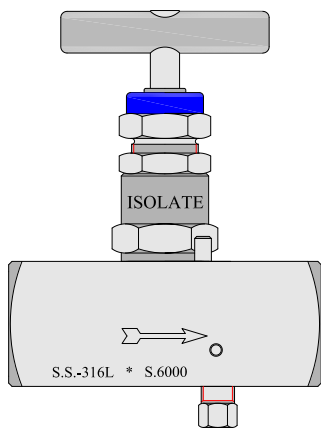
**Material:** 316/316L  
*Other material on request*

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.04.01.00010022	1/4" NPT M/M	S.3000	316/316L
12.03.04.01.00010023	1/2" NPT M/M	S.3000	316/316L
12.03.04.01.00010024	3/4" NPT M/M	S.3000	316/316L
12.03.04.01.00010025	1" NPT M/M	S.3000	316/316L
12.03.05.01.00010013	1/4" NPT M/M	S.6.000	316/316L
12.03.05.01.00010014	1/2" NPT M/M	S.6.000	316/316L
12.03.05.01.00010015	3/4" NPT M/M	S.6.000	316/316L
12.03.05.01.00010016	1" NPT M/M	S.6.000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA PORTAMANOMETRO  
PRESSURE GAUGE NEEDLE PLUG VALVES FROM BAR STOCK



FEMALE CONNECTION

Corpo ricavato da barra con bonnet filettato esternamente

Bar stock body with outside screwed bonnet

**Connessioni:** 180°  
Filettate o a tasca a saldare

**Connections:** 180°  
Threaded or socket welding

**Pressione nominale di esercizio:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

**Nominal operating pressure:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

Baderne in Teflon come standard fino a 180° C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil

**Materiale:** 316/316L  
Altri materiali su richiesta

**Material:** 316/316L  
Other material on request

Questo tipo di valvola a spillo viene impiegato, per la sua praticità, nella installazione di manometri e pressostati, inoltre, permette l'azzeramento degli strumenti per mezzo di una vite di sfianto a spillo.

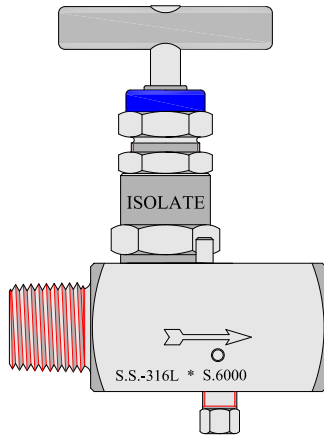
This type of needle valve is employed very practically, for installation of pressure gauges and pressure switches and it's possible zeroing of instruments by mean of vent needle srew.

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
12.03.04.01.00010026	1/4" NPT F/F	S.3000	316/316L
12.03.04.01.00010027	1/2" NPT F/F	S.3000	316/316L
12.03.04.01.00010028	3/4" NPT F/F	S.3000	316/316L
12.03.05.01.00010017	1/4" NPT F/F	S.6000	316/316L
12.03.05.01.00010018	1/2" NPT F/F	S.6000	316/316L
12.03.05.01.00010019	3/4" NPT F/F	S.6000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA PORTAMANOMETRO  
PRESSURE GAUGE NEEDLE PLUG VALVES FROM BAR STOCK



MALE/FEMALE

Corpo ricavato da barra con bonnet filettato esternamente

Bar stock body with outside screwed bonnet

**Connessioni:** 180°  
Filettate o a tasca a saldare

**Connections:** 180°  
Threaded or socket welding

**Pressione nominale di esercizio:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

**Nominal operating pressure:**  
S.3000/S.6000/Psi - S.10000 (su richiesta) - Pn 100

Baderne in Teflon come standard fino a 180° C. Per temperature fino a 500°C si forniscono baderne in Graphoil.

Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil

**Materiale:** 316/316L  
Altri materiali su richiesta

**Material:** 316/316L  
Other material on request

Questo tipo di valvola a spillo viene impiegato, per la sua praticità, nella installazione di manometri e pressostati, inoltre, permette l'azzeramento degli strumenti per mezzo di una vite di sfiato a spillo.

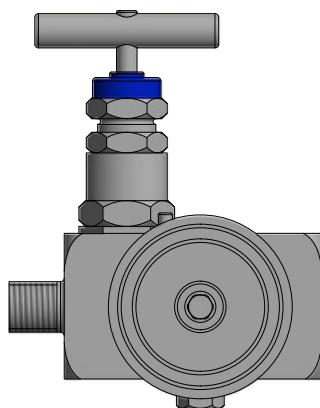
This type of needle valve is employed very practically, for installation of pressure gauges and pressure switches and it's possible zeroing of instruments by mean of vent needle srew.

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
12.03.04.01.00010029	1/4" NPT M/F	S.3000	316/316L
12.03.04.01.00010030	1/2" NPT M/F	S.3000	316/316L
12.03.04.01.00010031	3/4" NPT M/F	S.3000	316/316L
12.03.05.01.00010020	1/4" NPT M/F	S.6000	316/316L
12.03.05.01.00010021	1/2" NPT M/F	S.6000	316/316L
12.03.05.01.00010022	3/4" NPT M/F	S.6000	316/316L



Valvole a spillo da barra  
*Bar stock needle valves*

VALVOLE A SPILLO DA BARRA PORTAMANOMETRO  
*PRESSURE GAUGE NEEDLE PLUG VALVES FROM BAR STOCK*



MALE/FEMALE

**Specifiche tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

Filettate o a tasca a saldare

**Pressione nominale di esercizio:**

S.3000/S.6000/Psi - S.10000 (su richiesta) -  
Pn 100  
210/420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180° C.  
Per temperature fino a 500°C si forniscono  
baderne in Graphoil.

**Materiale:** 316/316L

**Technical specifications:**

*Bar stock body with outside screwed bonnet*

**Connections:** 180°

*Threaded or socket welding*

**Nominal operating pressure:**

*S.3000/S.6000/Psi - S.10000 (su richiesta) -  
Pn 100  
210/420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>*

*Packing material PTFE as standard max  
temperature 180°C. For temperature until  
500°C, Graphoil*

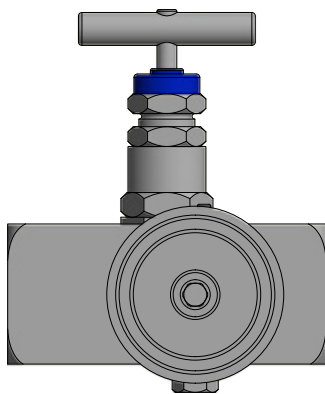
**Material:** 316/316L

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.04.01.00010032	1/4" NPT M/F	S.3000	316/316L
12.03.04.01.00010033	1/2" NPT M/F	S.3000	316/316L
12.03.05.01.00010023	1/4" NPT M/F	S.6000	316/316L
12.03.05.01.00010024	1/2" NPT M/F	S.6000	316/316L



Valvole a spillo da barra  
*Bar stock needle valves*

VALVOLE A SPILLO DA BARRA PORTAMANOMETRO  
*PRESSURE GAUGE NEEDLE PLUG VALVES FROM BAR STOCK*



FEMALE/FEMALE

**Specifiche tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

Filettate o a tasca a saldare

**Pressione nominale di esercizio:**

S.3000/S.6000/Psi - S.10000 (su richiesta) -

Pn 100

210/420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180° C.

Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

**Technical specifications:**

*Bar stock body with outside screwed bonnet*

**Connections:** 180°

*Threaded or socket welding*

**Nominal operating pressure:**

*S.3000/S.6000/Psi - S.10000 (su richiesta) -*

*Pn 100*

*210/420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>*

*Packing material PTFE as standard max*

*temperature 180°C. For temperature until*

*500°C, Graphoil*

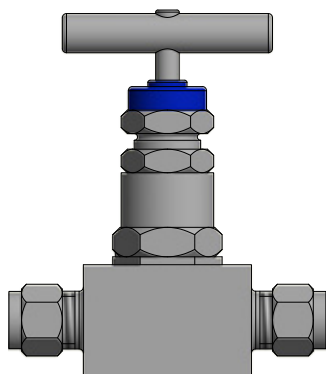
**Material:** 316/316L

CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
12.03.04.01.00010034	1/4" NPT F/F	S.3000	316/316L
12.03.04.01.00010035	1/2" NPT F/F	S.3000	316/316L
12.03.05.01.00010025	1/4" NPT F/F	S.6000	316/316L
12.03.05.01.00010026	1/2" NPT F/F	S.6000	316/316L



Valvole a spillo da barra  
Bar stock needle valves

**VALVOLE A SPILLO DA BARRA**  
**BAR STOCK NEEDLE VALVES**



**Specifiche tecniche:**

Corpo ricavato da barra con bonnet filettato esternamente

**Connessioni:** 180°

Ingresso: A compressione Doppia Ogiva  
Uscita: A compressione Doppia Ogiva

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180° C.  
Per temperature fino a 500°C si forniscono baderne in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical specifications:**

Bar stock body with outside screwed bonnet

**Connections:** 180°

Inlet: Compression Twin Ferrules  
Outlet: Compression Twin Ferrules

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup>

Packing material PTFE as standard max temperature 180°C. For temperature until 500°C, Graphoil

**Material:** 316/316L

Other material on request

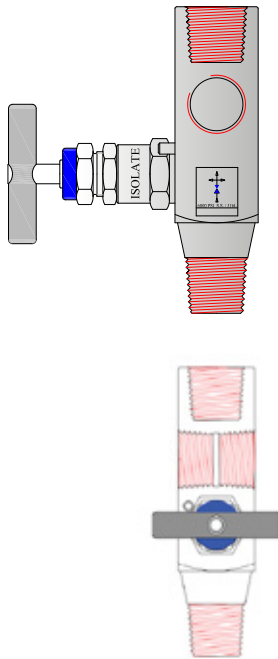
CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
(mm/Inch)			
12.03.05.01.00010027	6 OD x 6 OD	S.6000	316/316L
12.03.05.01.00010028	8 OD x 8 OD	S.6000	316/316L
12.03.05.01.00010029	10 OD x 10 OD	S.6000	316/316L
12.03.05.01.00010030	12 OD x 12 OD	S.6000	316/316L
12.03.05.01.00010031	16 OD x 16 OD	S.6000	316/316L
12.03.05.01.00010032	1/4" OD x 1/4" OD	S.6000	316/316L
12.03.05.01.00010033	3/8" OD x 3/8" OD	S.6000	316/316L
12.03.05.01.00010034	1/2" OD x 1/2" OD	S.6000	316/316L
12.03.05.01.00010035	3/4" OD x 3/4" OD	S.6000	316/316L
12.03.05.01.00010036	1" OD x 1" OD	S.6000	316/316L





Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARBA TIPO MULTIPORT  
NEEDLE PLUG MULTIPORT VALVES FROM BAR STOCK



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet avvitato  
Stelo con otturatore snodato con filetto non a contatto con il fluido.

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi (su richiesta)  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne speciali in Graphoil.

**Materiale:** 316/316L

Altri materiali su richiesta

**Technical Specifications**

Bar stock body with outside screwed bonnet,  
trim with free needle plug with dry threaded stem.

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi (on request)  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTEE as standard max temperature 180° C. For temperature until 500°C, in Graphoil.

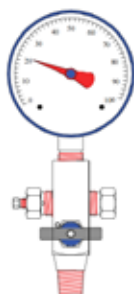
**Material:** 316/316L

Other material on request

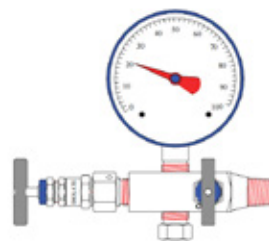
CODICE CODE	CONFIGURAZIONE CONFIGURATION		PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet		
12.03.04.01.00010036	1/4" NPT - F	1/2" NPT - M	S.3000	316/316L
12.03.04.01.00010037	1/4" NPT - F	3/4" NPT - M	S.3000	316/316L
12.03.05.01.00010037	1/4" NPT - F	1/2" NPT - M	S.6000	316/316L
12.03.05.01.00010038	1/4" NPT - F	3/4" NPT - M	S.6000	316/316L
12.03.04.01.00010038	1/2" NPT - F	1/2" NPT - M	S.3000	316/316L
12.03.04.01.00010039	1/2" NPT - F	3/4" NPT - M	S.3000	316/316L
12.03.05.01.00010039	1/2" NPT - F	1/2" NPT - M	S.6000	316/316L
12.03.05.01.00010040	1/2" NPT - F	3/4" NPT - M	S.6000	316/316L

Esempio di montaggio  
Mounting example

Montaggio Verticale - Vertical Mounting



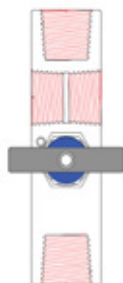
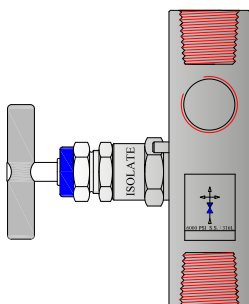
Montaggio Orizzontale - Horizontal Mounting





Valvole a spillo da barra  
Bar stock needle valves

VALVOLE A SPILLO DA BARRA TIPO MULTI-PORT  
NEEDLE PLUG MULTI-PORT VALVES FROM BAR STOCK



**Specifiche Tecniche:**

Corpo ricavato da barra con bonnet avvitato  
Stelo con otturatore snodato con filetto non a contatto con il fluido.

**Pressione nominale di esercizio:**

S.3000 Psi - S.6000 Psi - S.10000 Psi (su richiesta)  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Baderne in Teflon come standard fino a 180°C.  
Per temperature fino a 500°C si forniscono baderne speciali in Graphoil.

**Materiale:** 316/316L  
Altri materiali su richiesta

**Technical Specifications:**

Bar stock body with outside screwed bonnet,  
trim with free needle plug with dry threaded stem.

**Nominal operating pressure:**

S.3000 Psi - S.6000 Psi - S.10000 Psi (on request)  
210 kg/cm<sup>2</sup> - 420 kg/cm<sup>2</sup> - 690 kg/cm<sup>2</sup>

Packing material PTEE as standard max temperature 180° C. For temperature until 500°C, in Graphoil.

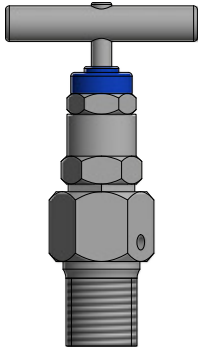
**Material:** 316/316L  
Other material on request

CODICE CODE	CONFIGURAZIONE CONFIGURATION		PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet		
12.03.04.01.00010040	1/4" NPT - F	1/2" NPT - F	S.3000	316/316L
12.03.04.01.00010041	1/4" NPT - F	1/4" NPT - F	S.3000	316/316L
12.03.05.01.00010041	1/4" NPT - F	1/2" NPT - F	S.6000	316/316L
12.03.05.01.00010042	1/4" NPT - F	1/4" NPT - F	S.6000	316/316L
12.03.04.01.00010042	1/2" NPT - F	1/2" NPT - F	S.3000	316/316L
12.03.04.01.00010043	1/2" NPT - F	1/4" NPT - F	S.3000	316/316L
12.03.05.01.00010043	1/2" NPT - F	1/2" NPT - F	S.6000	316/316L
12.03.05.01.00010044	1/2" NPT - F	1/4" NPT - F	S.6000	316/316L



Valvole accessorie  
Valve accessories

VALVOLA DI SPURGO  
BLEED VALVE



Questa valvola è una combinazione tra un tappo maschio ed un mini bonnet che permette la regolazione dello sfiato in atmosfera.

*This valve combines a male plug with mini-bonnet assembly which permit a adjustable vent to atmosphere.*

**Materiale:** 316/316L - A105 (su richiesta)

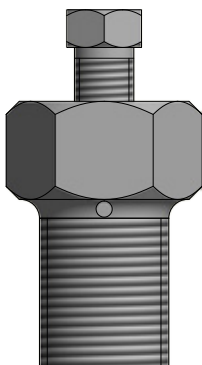
**Material:** 316/316L - A105 (on request)

CODICE CODE	TIPO DI CONNESSIONE CONNECTION TYPE	PRESSIONE NOMINALE RAITING	MATERIALE MATERIAL
12.03.05.01.00010045	1/4" NPT -M	S. 6000	316/316L
12.03.05.01.00010046	1/2" NPT -M	S. 6000	316/316L



Valvole accessorie  
*Valve accessories*

TAPPO DI SPURGO  
*BLEED PLUG*



Questa valvola è un semplice tappo con spillo che permette uno scarico in atmosfera.

*This valve is a simple plug with a captive screw which permit a vent to atmosphere.*

**Materiali:** 316/316L - A105 (su richiesta)

**Material:** 316/316L - A105 (on request)

CODICE CODE	TIPO DI CONNESSIONE CONNECTION TYPE	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.03.05.01.00010047	1/4" NPT -M	S. 6000	316/316L
12.03.05.01.00010048	1/2" NPT -M	S. 6000	316/316L

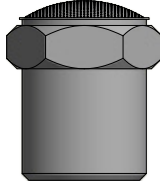


Valvole accessorie  
*Valve accessories*

TAPPO ANTINSETTO  
*ANTI-INSECT PLUG*

Altri materiali a richiesta.

*Other materials on request.*

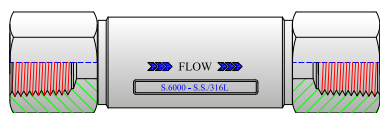


CODICE <i>CODE</i>	TIPO DI CONNESSIONE <i>CONNECTION TYPE</i>	MATERIALE <i>MATERIAL</i>
12.03.03.01.00010010	1/8" NPT - M	316/316L
12.03.03.01.00010011	1/4" NPT - M	316/316L
12.03.03.01.00010012	1/2" NPT - M	316/316L
12.03.03.01.00010013	3/4" NPT - M	316/316L
12.03.03.01.00010014	1" NPT - M	316/316L

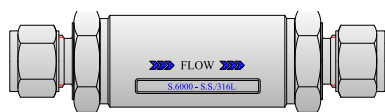


## Valvole di ritegno Check valves

### VALVOLE DI RITEGNO RICAVATE DA BARRA BAR STOCK CHECK VALVE



A



B

Le valvole di ritegno trovano impiego ovunque si voglia impedire il ritorno del fluido nei flussaggi e per protezione degli strumenti di misura e regolazione.

#### Specifiche Tecniche:

Corpo ricavato da barra  
Parti interne ricavate da barra tonda  
Molla in acciaio inossidabile  
Anello di tenuta in Teflon / Viton

#### Materiale: 316/316L

Altri materiali su richiesta

Serie valvola: S.6000

Pressione max di esercizio: 420 Bar

Pressione di prova idraulica: 630 Bar

Pressione pneumatica di tenuta: 6 Bar

Pressione differenziale di apertura = 0,2 Bar

Tenuta perfetta con press. differenz. = 0,2 Bar

Campo di temperatura: -25 C° : + 205 C°

*These check valves are used to avoid contamination in the purge systems or to protect the measuring and controlling instruments.*

#### Technical Specifications:

*Body from bar stock*

*Trim from round bar stock*

*Stainless steel spring*

*PTFE / Viton seal ring*

#### Material: 316/316L

*Other material on request*

*Valve Series: S.6000*

*Max operating pressure: 420 Bar*

*Hydraulics pressure test: 630 Bar*

*Pneumatic sealing test: 6 Bar*

*Opening differential pressure = 0,2 Bar*

*perfect tightness with different. press. = 0,2 Bar*

*Temperature range: -25 C° : + 205 C°*

CODICE CODE	CONFIGURAZIONE CONFIGURATION		PRESSIONE NOMINALE RATING	MATERIALE MATERIAL	TIPO TYPE
	Inlet	Outlet			
12.04.05.01.00010001	1/4" NPT - F	1/4" NPT - F	S. 6000	316/316L	A
12.04.05.01.00010002	1/2" NPT - F	1/2" NPT - F	S. 6000	316/316L	A
12.04.05.01.00010003	1/4" O.D.	1/4" O.D.	S. 6000	316/316L	B
12.04.05.01.00010004	1/2" O.D.	1/2" O.D.	S. 6000	316/316L	B

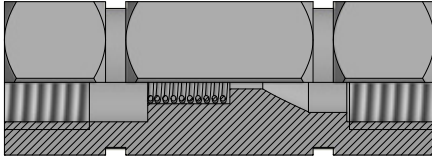


Valvole di ritegno  
Check valves

**VALVOLE DI RITEGNO RICAVATE DA BARRA**  
**BAR STOCK CHECK VALVE**

Le valvole di ritegno trovano impiego ovunque si voglia impedire il ritorno del fluido nei flussaggi e per protezione degli strumenti di misura e regolazione.

*Teht check valves are used to avoid contamination in the purge systems or to protect the measuring and controlling instruments.*



**Specifiche Tecniche:**

- Corpo ricavato da barra
- Rating S.3000 - S.6000 - S.10000 (su richiesta)
- Parti interne ricavate da barra tonda
- Molla in acciaio inossidabile
- Anello di tenuta in Teflon / Viton
- Attacchi filettati ANSI B1.20.1 NPT

**Technical Specifications:**

- Body from bar stock
- Rating S.3000 - S.6000 - S.10000 (on request)
- Trim from round bar stock
- Stainless steel spring
- PTFE / Viton seal ring
- Connections threaded ANSI B1.20.1 NPT

**Materiale:** 316/316L

Altri materiali su richiesta

**Material:** 316/316L

Other material on request

IN ACCORDO ALLO / ACCORDING TO  
STD. SNAM GASD A 6.42.01

- Pressione max di esercizio: 210 Bar
- Pressione di prova idraulica: 315 Bar
- Pressione pneumatica di tenuta: 6 Bar
- Pressione differenziale di apertura = 0,2 Bar
- Tenuta perfetta con press. differenz. = 0,2 Bar
- Campo di temperatura: -25 C° : + 205 C°

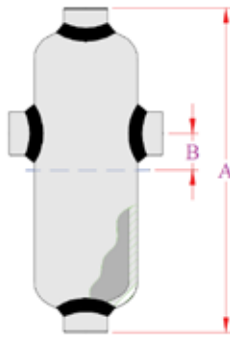
- Max operationg pressure: 210 Bar
- Hyraulics pressure test: 315 Bar
- Pneumatic sealing test: 6 Bar
- Opening differential pressure = 0,2 Bar
- perfect thghtness with different. press. = 0,2 Bar
- Temperature range: -25 C° : + 205 C°

CODICE CODE	CONFIGURAZIONE CONFIGURATION		PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
	Inlet	Outlet		
12.04.04.01.00010001	1/4" NPT - F	1/4" NPT - F	S. 3000	316/316L
12.04.04.01.00010002	3/8" NPT - F	3/8" NPT - F	S. 3000	316/316L
12.04.04.01.00010003	1/2" NPT - F	1/2" NPT - F	S. 3000	316/316L
12.04.04.01.00010004	3/4" NPT - F	3/4" NPT - F	S. 3000	316/316L
12.04.04.01.00010005	1" NPT - F	1" NPT - F	S. 3000	316/316L
12.04.05.01.00010005	1/4" NPT - F	1/4" NPT - F	S. 6000	316/316L
12.04.05.01.00010006	3/8" NPT - F	3/8" NPT - F	S. 6000	316/316L
12.04.05.01.00010007	1/2" NPT - F	1/2" NPT - F	S. 6000	316/316L
12.04.05.01.00010008	3/4" NPT - F	3/4" NPT - F	S. 6000	316/316L
12.04.05.01.00010009	1" NPT - F	1" NPT - F	S. 6000	316/316L
12.04.06.01.00010001	1/4" NPT - F	1/4" NPT - F	S. 10000	316/316L
12.04.06.01.00010002	3/8" NPT - F	3/8" NPT - F	S. 10000	316/316L
12.04.06.01.00010003	1/2" NPT - F	1/2" NPT - F	S. 10000	316/316L
12.04.06.01.00010004	3/4" NPT - F	3/4" NPT - F	S. 10000	316/316L
12.04.06.01.00010005	1" NPT - F	1" NPT - F	S. 10000	316/316L



Barilotti e sifoni  
Posts and siphons

### BARILOTTO DI SEPARAZIONE E CONDENSA 3" CONDENSING AND SEAL POT 3"



No. 04 Attacchi  
No. 04 Connections

I barilotti di separazione vengono impiegati nelle misure dei fluidi particolarmente corrosive e molto densi. Vengono usati inoltre come contenitori di liquidi di separazione, in modo da impedire il diretto contatto dei fluidi con gli strumenti di misura.

I barilotti di condensa vengono impiegati nelle misure di vapore per raccogliere la condensa e mantenere un battente di liquido costante sugli strumenti. Sono pure consigliabili nelle misure di liquidi a temperature superiori a 150°C.

I barilotti di Separazione e condensa sono ricavati da tubo, con calotte forgiate a caldo, senza saldature circonfenziali.

*Instruments seal pots are employed in the measurement of high density and corrosive fluids. They are used as sealing liquids container to safeguard the measuring instruments.*

*Condensing chambers are largely used in steam metering lines to cool and condense steam and to maintain a constant liquid head above instruments. They are also recommended for the liquid service when the flowing temperature is above 150°C.*

*The instruments seal pots and the condensing chambers are manufactured from pipe, with hot forging caps, without circumferential welds.*

CODICE CODE	SIZE	SCHEDULE	CONNESSIONE CONNECTION	A	B	MATERIALE MATERIAL
				mm	mm	
12.05.12.04.00010001	3"	Sch. 40	1/2" NPT - F	280	32	C steel
12.05.07.04.00010001	3"	Sch. 80	1/2" NPT - F	280	32	C steel
12.05.08.04.00010001	3"	Sch. 160	1/2" NPT - F	280	32	C steel
12.05.09.04.00010001	3"	Sch. XXS	1/2" NPT - F	280	32	C steel
12.05.12.01.00010001	3"	Sch. 40	1/2" NPT - F	280	32	316/316L
12.05.07.01.00010001	3"	Sch. 80	1/2" NPT - F	280	32	316/316L
12.05.08.01.00010001	3"	Sch. 160	1/2" NPT - F	280	32	316/316L
12.05.09.01.00010001	3"	Sch. XXS	1/2" NPT - F	280	32	316/316L

Altre configurazioni su richiesta  
Other configurations on request

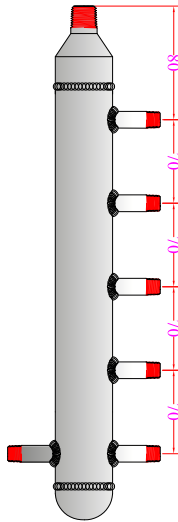
Pneumatica  
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Barilotti e sifoni  
Posts and siphons

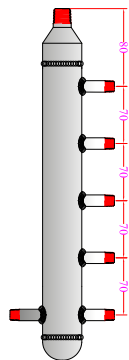
BARILOTTO DI DISTRIBUZIONE ARIA  
INSTRUMENTS AIR FEED HEADERS



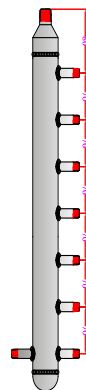
Questo tipo di barilotto è adatto a centralizzare un certo numero di uscite nelle reti di distribuzione dell'aria, consentendo anche lo spurgo della condensa.  
Corpo ricavato da tubo senza saldatura 1.1/2" Sch. 40.  
Ingresso ricavato da barra forgiata  
Pressione massima d'esercizio: 18 Bar  
Pressione di collaudo: 30 Bar

*This type of air feed headers may be employed for centralizing several connections in air distribution networks, with the possibility of condense drain.*  
Body from seamless pipe 1.1/2" Sch. 40  
Inlet connection made from forged bar stock  
Max. operating pressure: 18 Bar  
Test pressure: 30 Bar

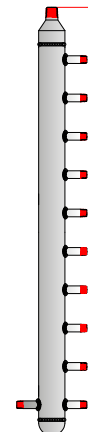
CODICE CODE	CONNESSIONE CONNECTION			USCITE OUTLETS	MATERIALE MATERIAL
	Inlet	Outlet	Drain		
12.05.12.04.00010002	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	5	Galvanized Carbon steel
12.05.12.04.00010003	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	7	Galvanized Carbon steel
12.05.12.04.00010004	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	10	Galvanized Carbon steel
12.05.12.01.00010002	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	5	316/316L
12.05.12.01.00010003	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	7	316/316L
12.05.12.01.00010004	1/2" NPT - M	1/4" NPT - M	1/4" NPT - M	10	316/316L
12.05.12.04.00010005	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	5	Galvanized Carbon steel
12.05.12.04.00010006	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	7	Galvanized Carbon steel
12.05.12.04.00010007	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	10	Galvanized Carbon steel
12.05.12.01.00010005	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	5	316/316L
12.05.12.01.00010006	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	7	316/316L
12.05.12.01.00010007	3/4" NPT - M	1/4" NPT - M	1/4" NPT - M	10	316/316L
12.05.12.04.00010008	1" NPT - M	1/4" NPT - M	1/4" NPT - M	5	Galvanized Carbon steel
12.05.12.04.00010009	1" NPT - M	1/4" NPT - M	1/4" NPT - M	7	Galvanized Carbon steel
12.05.12.04.00010010	1" NPT - M	1/4" NPT - M	1/4" NPT - M	10	Galvanized Carbon steel
12.05.12.01.00010008	1" NPT - M	1/4" NPT - M	1/4" NPT - M	5	316/316L
12.05.12.01.00010009	1" NPT - M	1/4" NPT - M	1/4" NPT - M	7	316/316L
12.05.12.01.00010010	1" NPT - M	1/4" NPT - M	1/4" NPT - M	10	316/316L



A - 5 Uscite/Outlets



B - 7 Uscite/ Outlets

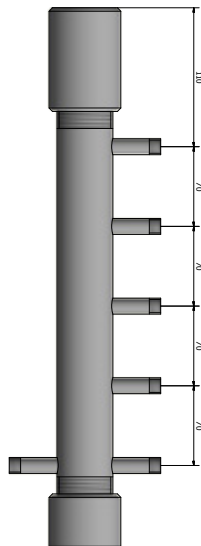


C - 10 Uscite / Outlets



Barilotti e sifoni  
Posts and siphons

### BARILOTTO DI DISTRIBUZIONE ARIA INSTRUMENTS AIR FEED HEADERS



Questo tipo di barilotto è adatto a centralizzare un certo numero di uscite nelle reti di distribuzione dell'aria, consentendo anche lo spurgo della condensa. Si fornisce normalmente in Acciaio al Carbonio Zincato.

Corpo ricavato da tubo senza saldatura 1.1/2" Sch. 80.

Attacco d'ingresso filettato: 1.1/2" Femmina

Attacchi d'uscita filettati: 1/4" Maschio

Attacco di spurgo filettato: 1/4" Maschio

Completo di tappo e manicotto S.3000 filettati 1.1/2" Femmina.

Pressione massima d'esercizio: 18 Bar

Pressione di collaudo: 30 Bar

*This type of air feed headers may be employed for centralizing several connections in air distribution networks, with the possibility of condense drain.*

*Material standard Galvanized Carbon Steel.*

*Body from seamless pipe 1.1/2" Sch. 80.*

*Inlet connections threaded: 1.1/2" Female*

*Outlet connections threaded: 1/4" Male*

*Drain connection threaded: 1/4" Male*

*Complete of female cap and coupling: 1.1/2" S.3000*

*Max. operating pressure: 18 Bar*

*Test pressure: 30 Bar*

CODICE CODE	CONNESSIONE CONNECTION	USCITE OUTLETS	MATERIALE MATERIAL
	<i>Inlet</i>	<i>Outlet</i>	
12.05.07.04.00010002	1.1/2" NPT - F	1/4" NPT - M	Galvanized Carbon steel
12.05.07.04.00010003	1.1/2" NPT - F	1/4" NPT - M	Galvanized Carbon steel
12.05.07.04.00010004	1.1/2" NPT - F	1/4" NPT - M	Galvanized Carbon steel
12.05.07.01.00010002	1.1/2" NPT - F	1/4" NPT - M	316/316L
12.05.07.01.00010003	1.1/2" NPT - F	1/4" NPT - M	316/316L
12.05.07.01.00010004	1.1/2" NPT - F	1/4" NPT - M	316/316L



Barilotti e sifoni  
Posts and siphons

### SIFONI A RICCIO PER MANOMETRI PRESSURE GAUGE COIL SIPHONS



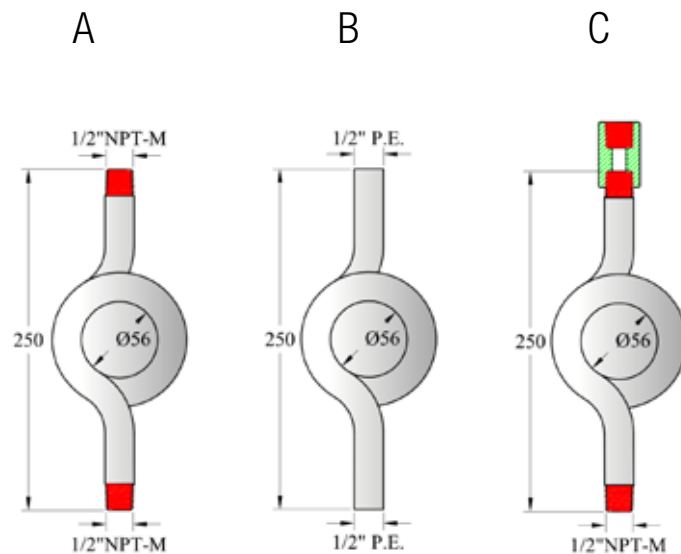
I sifoni da tubo vengono inseriti tra il manometro e la presa di pressione allo scopo d'impedire che il vapore od il fluido caldo venga a contatto diretto con lo strumento.

La loro particolare forma favorisce la dispersione del calore del fluido di processo salvaguardando il manometro da temperature che potrebbero danneggiarlo.

*Coiled pipe siphons are used between pressure gauge and pressure taps to prevent direct contact of the stream with the instruments.*

*The particular design permit the heat dispersion safeguarding the pressure gauge from high temperature which could impair their good operation and their life.*

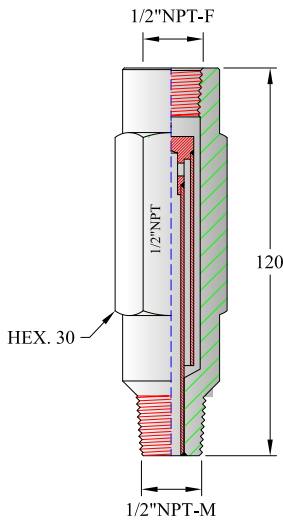
CODICE CODE	TIPO DI CONNESSIONE CONNECTION TYPE	SCHEDULE	MATERIALE MATERIAL	FIGURA FIGURE
12.05.07.04.00010005	1/2" NPT	Sch. 80	C steel	A
12.05.08.04.00010002	1/2" NPT	Sch. 160	C steel	A
12.05.07.01.00010005	1/2" NPT	Sch. 80	316/316L	A
12.05.08.01.00010002	1/2" NPT	Sch. 160	316/316L	A
12.05.07.04.00010006	1/2" senza filetto/ without thread	Sch. 80	C steel	B
12.05.08.04.00010003	1/2" senza filetto/ without thread	Sch. 160	C steel	B
12.05.07.01.00010006	1/2" senza filetto/ without thread	Sch. 80	316/316L	B
12.05.08.01.00010003	1/2" senza filetto/ without thread	Sch. 160	316/316L	B
12.05.07.04.00010007	1/2" NPT	Sch. 80	C steel	C
12.05.08.04.00010004	1/2" NPT	Sch. 160	C steel	C
12.05.07.01.00010007	1/2" NPT	Sch. 80	316/316L	C
12.05.08.01.00010004	1/2" NPT	Sch. 160	316/316L	C





Barilotti e sifoni  
Posts and siphons

### SIFONE DA BARRA GAUGE SIPHON FROM BAR STOCK



Il sifone da barra viene impiegato nelle misure di pressione sui fluidi.

Interposto tra lo strumento (manometro, pressostato, trasmettitore etc.) ed il processo, protegge lo strumento dal contatto diretto col fluido.

Funziona inoltre da dispersore di calore laddove la temperatura potrebbe danneggiare lo strumento. Esso offre un'alternativa al sifone a ricciolo riducendo di circa il 50% l'ingombro e le oscillazioni causate dalla linea data la sua conformazione da barra.

Rating  
6000 PSI a 200 °F (93.3 °C)  
1500 PSI a 850 °F (454.4 °C)

*Gauge siphon is used for flow measurement and are generally connected between instruments (pressure gauge, switches, transmitter etc.) and process taps to prevent flow coming in direct contact with instruments.*

*Furthermore this siphon allows a good deal of heat dissipation protecting instrument from dangerous high temperature.*

*in addition reduces the amount of gauge whip on vibration lines by bringing the gauge closer to the process connection and supporting it rigidly on a bar stock unit.*

Rating  
6000 PSI at 200 °F (93.3 °C)  
1500 PSI at 850 °F (454.4 °C)

CODICE CODE	TIPO DI CONNESSIONE CONNECTION TYPE	PRESSIONE NOMINALE RATING	MATERIALE MATERIAL
12.05.05.01.00010001	1/2" NPT	S.6000	316/316L

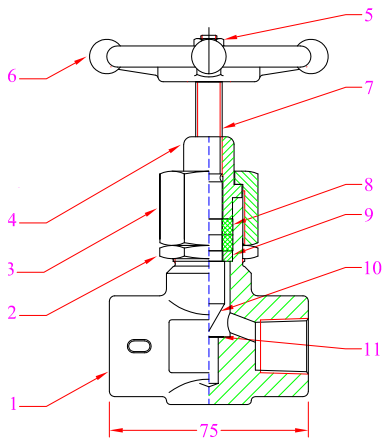
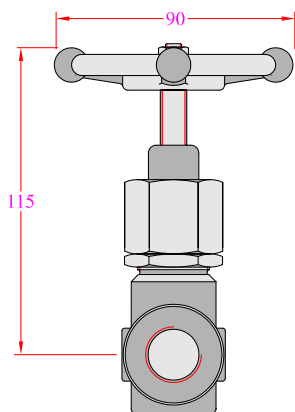
Pneumatica  
Pneumatic



Valvole forgiate a globo per strumentazione  
*Instruments forged globe valves*

**VALVOLE FORGIATE A GLOBO PER STRUMENTAZIONE**  
**INSTRUMENTS FORGED GLOBE VALVES**

- Valvola forgiata con corpo diritto
  - Baderna Integrale
  - Stelo Saliente con Vite esterna solidale con l'otturatore in 316L
  - Dado Premitreccia e Madrevite in Acciaio Inox
  - Volantino in A105 forgiato e zincato
  - Materiale del Tubo: Graphite 600 °C
  - Dimensioni: A: 90 mm - B: 115 mm
- Forged straight body valve
  - Bonnet-less
  - 316L salient stem with external thread integral the plug
  - Stainless Steel packing gland and Stem bushing
  - A105 forged and galvanized handwheel
  - Tubes Material: Graphite 600 °C
  - Dimensions: A: 90mm - B: 115mm



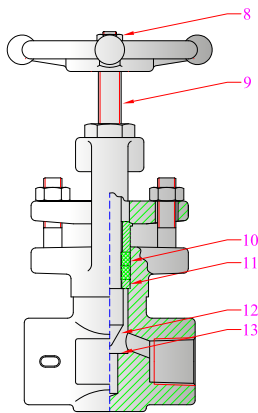
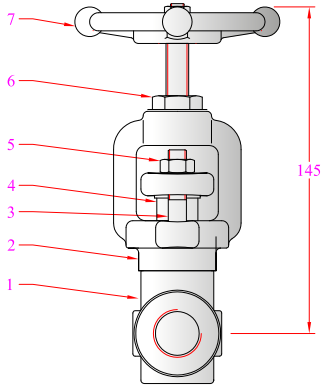
	DESCRIZIONE DESCRIPTION	MATERIALI CORPO BODY MATERIALS
1	CORPO BODY	A276 TP316L / ASTM A105
2	DADO DI BLOCCO LOCK NUT	Stainless steel
3	DADO NUT	Stainless steel
4	MADREVITE STEM BUSHING	ASTM A276 TP316L
5	DADO NUT	Stainless steel
6	VOLANTINO HANDWHEEL	Forged steel galvanized
7	STELO STEM	ASTM A276 TP316L
8	BADERNA PACKING	Graphoil
9	ANELLO BACK RING	ASTM A276 TP316L
10	OTTURATORE PLUG	A276 TP316L
11	SEDE SEAT	A276 TP316L

CODICE CODE	CONNESSIONE CONNECTION		SERIE ANSI ANSI RATING	MATERIALE CORPO BODY MATERIAL
	Inlet	Outlet		
12.06.04.03.00010001	1/4" - NPT-F	1/4" - NPT-F	1500	316
12.06.04.03.00010002	1/2" - NPT-F	1/2" - NPT-F	1500	316
12.06.04.03.00010003	1/4" - SW	1/4" - SW	1500	316
12.06.04.03.00010004	1/2" - SW	1/2" - SW	1500	316



Valvole forgiate a globo per strumentazione  
*Instruments forged globe valves*

**VALVOLE FORGIATE A GLOBO PER STRUMENTAZIONE**  
**INSTRUMENTS FORGED GLOBE VALVES**



- Valvola forgiata con corpo dritto
  - Baderna Integrale
  - Stelo Saliente con Vite esterna solidale con l'otturatore in 316L
  - Castello in A105 Forgiato e Zincato (Tipo O.S. & Y.)
  - Madrevite in Aisi 303
  - Tiranti e Dadi di registrazione in Acciaio Inox
  - Volantino in A105 forgiato e zincato
  - Materiale del Tubo: Graphite 600 °C
  - Dimensioni: A: 145 mm
- Forged straight body valve
  - Bonnet-less
  - 316L salient stem with external thread integral the plug
  - A105 forged and galvanized Yoke (Type O.S. & Y.)
  - Aisi 303 Stem bushing.
  - Stainless Steel packing bolts and nuts
  - A105 forged and galvanized handwheel
  - Tubes Material: Graphite 600 °C
  - Dimensions: A: 145 mm

	DESCRIZIONE DESCRIPTION	MATERIALI CORPO BODY MATERIALS
1	CORPO BODY	A276 TP316L / ASTM A105
2	CASTELLO AVVITATO E SALDATO THREADED AND WELDING YOKE	ASTM a 105 galvanized
3	TIRANTI PACKING BOLTS	Stainless steel
4	PREMISTOPPA PACKING GLAND NUT	ASTM A276 TP316L
5	DADI NUTS	Stainless steel
6	MADREVITE STEM BUSHING	ASTM A276 Tp303
7	VOLANTINO HANDWHEEL	Forged steel galvanized
8	DADO NUTS	stainless steel
9	STELO STEM BUSHING	ASTM A276 Tp316L
10	BADERNA PACKING	Graphoil
11	ANELLO BACK RING	ASTM A276 Tp316L
12	OTTURATORE PLUG	A276 TP316L
13	SEDE SEAT	A276 TP316L

CODICE CODE	CONNESSIONE CONNECTION		SERIE ANSI ANSI RATING	MATERIALE CORPO BODY MATERIAL
	Inlet	Outlet		
12.06.04.03.00010005	1/4" - NPT-F	1/4" - NPT-F	1500 O.S.& Y	316
12.06.04.03.00010006	1/2" - NPT-F	1/2" - NPT-F	1500 O.S.& Y	316
12.06.04.03.00010007	3/4" - NPT-F	3/4" - NPT-F	1500 O.S.& Y	316
12.06.04.03.00010008	1/4" - SW	1/4" - SW	1500 O.S.& Y	316
12.06.04.03.00010009	1/2" - SW	1/2" - SW	1500 O.S.& Y	316
12.06.04.03.00010010	3/4" - SW	3/4" - SW	1500 O.S.& Y	316

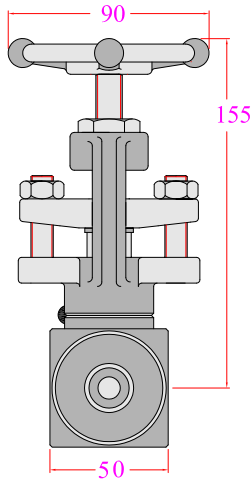
Pneumatica  
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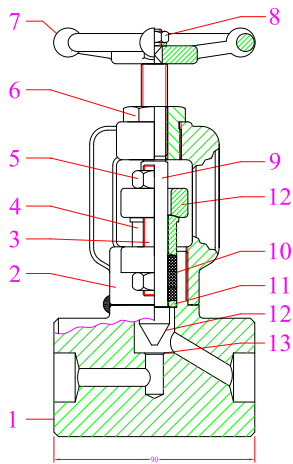


Valvole forgiate a globo per strumentazione  
*Instruments forged globe valves*

**VALVOLE FORGIATE A GLOBO PER STRUMENTAZIONE**  
**INSTRUMENTS FORGED GLOBE VALVES**



- Valvola forgiata con corpo diritto
  - Baderna Integrale
  - Stelo Saliente con Vite esterna solidale con l'otturatore in 316L
  - Castello in A105 Forgiato e Zincato (Tipo O.S & Y.)
  - Madrevite in Aisi 303
  - Tiranti e Dadi di registrazione in Acciaio Inox
  - Volantino in A105 forgiato e zincato
  - Materiale del Tubo: Graphite 600 °C
  - Dimensioni: A:90 mm - B:155 mm - C: 50 mm
- Forged straight body valve
  - Bonnet-less
  - 316L salient stem with external thread integral the plug
  - A105 forged and galvanized Yoke (Type O.S. & Y.)
  - Aisi 303 Stem bushing.
  - Stainless Steel packing bolts and nuts
  - A105 forged and galvanized handwheel
  - Tubes Material: Graphite 600 °C
  - Dimensions: A: 90 mm - B: 155 mm - C:50 mm



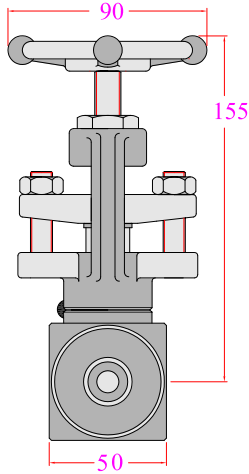
	DESCRIZIONE DESCRIPTION	MATERIALI CORPO BODY MATERIALS
1	CORPO BODY	A276 TP316L / ASTM A105
2	CASTELLO AVITATO E SALDATO THREADED AND WELDING YOKE	ASTM a 105 galvanized
3	TIRANTI PACKING BOLTS	Stainless steel
4	PREMISTOPPA PACKING GLAND NUT	ASTM A276 TP316L
5	DADI NUTS	Stainless steel
6	MADREVITE STEM BUSHING	ASTM A276 Tp303
7	VOLANTINO HANDWHEEL	Forged steel galvanized
8	DADO NUTS	stainless steel
9	STELO STEM BUSHING	ASTM A276 Tp316L
10	BADERNA PACKING	Graphoil
11	ANELLO BACK RING	ASTM A276 Tp316L
12	OTTURATORE PLUG	A276 TP316L
13	SEDE SEAT	A276 TP316L

CODICE CODE	CONNESSIONE CONNECTION		SERIE ANSI ANSI RATING	MATERIALE CORPO BODY MATERIAL
	Inlet	Outlet		
12.06.05.03.00010001	1/4" - NPT-F	1/4" - NPT-F	2500 O.S.&Y	316
12.06.05.03.00010002	1/2" - NPT-F	1/2" - NPT-F	2500 O.S.&Y	316
12.06.05.03.00010003	3/4" - NPT-F	3/4" - NPT-F	2500 O.S.&Y	316
12.06.05.03.00010004	1" - NPT-F	1" - SW	2500 O.S.&Y	316
12.06.05.03.00010005	1/4" - SW	1/4" - SW	2500 O.S.&Y	316
12.06.05.03.00010006	1/2" - SW	1/2" - SW	2500 O.S.&Y	316
12.06.05.03.00010007	3/4" - SW	3/4" - SW	2500 O.S.&Y	316
12.06.05.03.00010008	1" - SW	1" - SW	2500 O.S.&Y	316



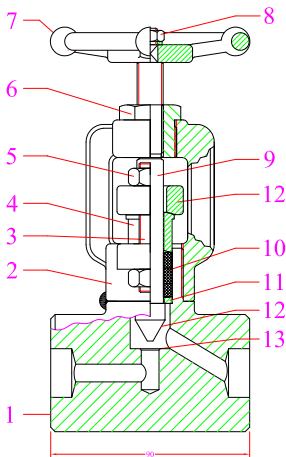
Valvole forgiate a globo per strumentazione  
*Instruments forged globe valves*

**VALVOLE FORGIATE A GLOBO PER STRUMENTAZIONE**  
**INSTRUMENTS FORGED GLOBE VALVES**



- Valvola forgiata con corpo dritto
  - Baderna Integrale
  - Stelo Saliente con Vite esterna integrale con l'otturatore in 316L
  - Castello in A105 Forgiato e Zincato (Tipo O.S. & Y.)
  - Madrevite in Aisi 303
  - Tiranti e Dadi di registrazione in Acciaio Inox
  - Volantino in A105 forgiato e zincato
  - Materiale del Tubo: Graphite 600 °C
  - Dimensioni: A:90 mm - B:155 mm - C: 50 mm
- Forged straight body valve
  - Bonnet-less
  - 316L salient stem with external thread integral the plug
  - A105 forged and galvanized Yoke (Type O.S. & Y.)
  - Aisi 303 Stem bushing.
  - Stainless Steel packing bolts and nuts
  - A105 forged and galvanized handwheel
  - Tubes Material: Graphite 600 °C
  - Dimensioni: A:90 mm - B:155 mm - C: 50 mm

	DESCRIZIONE DESCRIPTION	MATERIALI CORPO BODY MATERIALS
1	CORPO BODY	A276 TP316L / ASTM A105
2	CASTELLO AVVITATO E SALDATO THREADED AND WELDING YOKE	ASTM a 105 galvanized
3	TIRANTI PACKING BOLTS	Stainless steel
4	PREMISTOPPA PACKING GLAND NUT	ASTM A276 TP316L
5	DADI NUTS	Stainless steel
6	MADREVITE STEM BUSHING	ASTM A276 Tp303
7	VOLANTINO HANDWHEEL	Forged steel galvanized
8	DADO NUTS	stainless steel
9	STELO STEM BUSHING	ASTM A276 Tp316L
10	BADERNA PACKING	Graphoil
11	ANELLO BACK RING	ASTM A276 Tp316L
12	OTTURATORE PLUG	A276 TP316L
13	SEDE SEAT	A276 TP316L



CODICE CODE	CONNESSIONE CONNECTION		SERIE ANSI ANSI RATING	MATERIALE CORPO BODY MATERIAL
	Inlet	Outlet		
12.06.06.03.00010001	1/4" - NPT-F	1/4" - NPT-F	4500 O.S.& Y	316
12.06.06.03.00010002	1/2" - NPT-F	1/2" - NPT-F	4500 O.S.& Y	316
12.06.06.03.00010003	3/4" - NPT-F	3/4" - NPT-F	4500 O.S.& Y	316
12.06.06.03.00010004	1" - NPT-F	1" - NPT-F	4500 O.S.& Y	316
12.06.06.03.00010005	1/4" - SW	1/4" - SW	4500 O.S.& Y	316
12.06.06.03.00010006	1/2" - SW	1/2" - SW	4500 O.S.& Y	316
12.06.06.03.00010007	3/4" - SW	3/4" - SW	4500 O.S.& Y	316
12.06.06.03.00010008	1" - SW	1" - SW	4500 O.S.& Y	316

Pneumatica  
Pneumatic

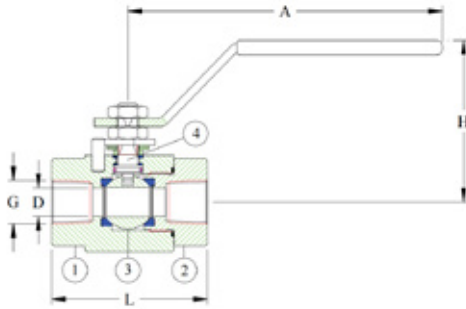
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Valvole a sfera  
Ball valves

VALVOLE A SFERA SERIE SPLIT BODY  
BALL VALVES SPLIT BODY SERIES



**Caratteristiche Tecniche:**

Passaggio pieno  
**Pressione:** Serie 800 lb - 3000 lb -  
6000 lb - 10000 lb  
Guarnizioni:  
- Teflon per T 180°C (altro per T 280°C)  
Attacchi:  
- Filetto NPT (altri attacchi a richiesta)  
Fire Safe  
Dispositivo antistatico (su richiesta)

**Materiali:**

1 - Corpo: 316L  
2 - Stelo: 316  
3 - Sfera: 316 L  
4 - Manopola: Acciaio Inox + PVC

(A richiesta è possibile fornire le valvole a sfera secondo ATEX).

**Technical carateristics:**

Full Bore  
**Rating:** Series 800 lb - 3000 lb -  
6000 lb - 10000 lb  
Packing:  
- Teflon per T 180°C (other per T 280°C)  
Connections:  
- Threaded NPT (other threads on request)  
Fire Safe  
Antistatic device (on request)

**Materials:**

1 - Body: 316L  
2 - Stem: 316  
3 - Ball: 316L  
4 - handle: Stainless steel+ PVC

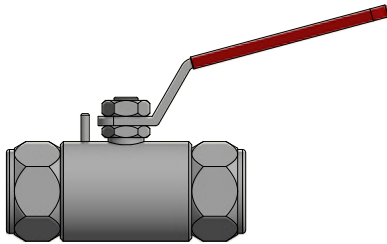
(On request in possible supply the Ball valves in according to ATEX).

CODICE CODE	G INCH G INCH	PRESSIONE RATING	DIMENSIONALI DIMENSIONALS				Kg
			D	L	H	A	
12.07.03.01.00010001	1/4" NPT - F	S.800	10	75	75	154	0.950
12.07.03.01.00010002	3/8" NPT - F	S.800	10	75	75	145	0.950
12.07.03.01.00010003	1/2" NPT - F	S.800	14	75	75	145	0.950
12.07.03.01.00010004	3/4" NPT - F	S.800	19	85	80	180	1.520
12.07.03.01.00010005	1" NPT - F	S.800	24	95	85	180	1.850
12.07.04.01.00010001	1/4" NPT - F	S.3000	10	75	75	154	0.950
12.07.04.01.00010002	3/8" NPT - F	S.3000	10	75	75	145	0.950
12.07.04.01.00010003	1/2" NPT - F	S.3000	14	75	75	145	0.950
12.07.04.01.00010004	3/4" NPT - F	S.3000	19	85	80	180	1.520
12.07.04.01.00010005	1" NPT - F	S.3000	24	95	85	180	1.850
12.07.05.01.00010001	1/4" NPT - F	S.6000	10	75	75	154	0.950
12.07.05.01.00010002	3/8" NPT - F	S.6000	10	75	75	145	0.950
12.07.05.01.00010003	1/2" NPT - F	S.6000	14	75	75	145	0.950
12.07.05.01.00010004	3/4" NPT - F	S.6000	19	85	80	180	1.520
12.07.05.01.00010005	1" NPT - F	S.6000	24	95	85	180	1.850
12.07.06.01.00010001	1/4" NPT - F	S.10000	10	75	75	154	0.950
12.07.06.01.00010002	3/8" NPT - F	S.10000	10	75	75	145	0.950
12.07.06.01.00010003	1/2" NPT - F	S.10000	14	75	75	145	0.950
12.07.06.01.00010004	3/4" NPT - F	S.10000	19	85	80	180	1.520
12.07.06.01.00010005	1" NPT - F	S.10000	24	95	85	180	1.850



Valvole a sfera  
Ball valves

VALVOLE A SFERA A TRE PEZZI  
THREE PIECES BALL VALVES



**Caratteristiche Tecniche:**

Passaggio pieno

**Pressione:** Serie 6000 lb - 10000 lb

**Guarnizioni:** Peek (-40 °C + 260 °C),  
Viton, Devion (su richiesta)

**Attacchi:** Filettato NPT

Fire safe (su richiesta)

**Materiali:**

Corpo: 316L

Sfera: 316L

Stelo: 316L

Manopola: 316 L + PVC

**Technical carateristics:**

Full Bore

**Rating:** Series 6000 lb - 10000 lb

**Packing:** Peek (-40 °C + 260 °C),  
Viton, Devion (su richiesta)

**Connections:** Threaded NPT

Fire safe (on request)

**Materials:**

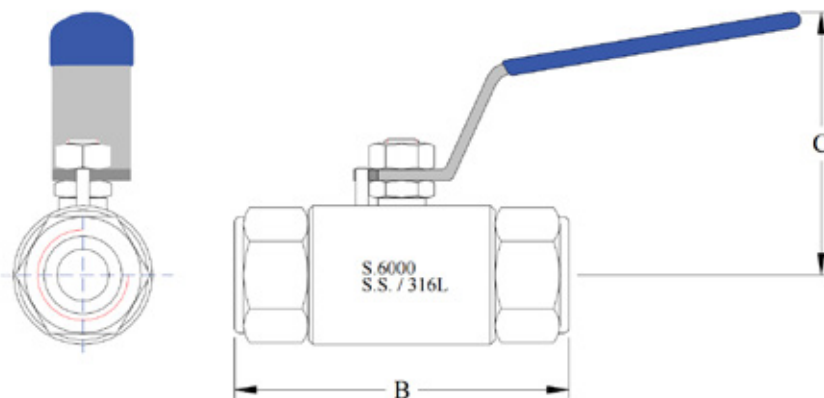
Body: 316L

Ball: 316L

Stem: 316L

Handle: 316L + PVC

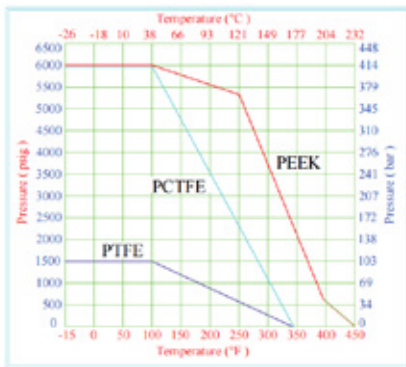
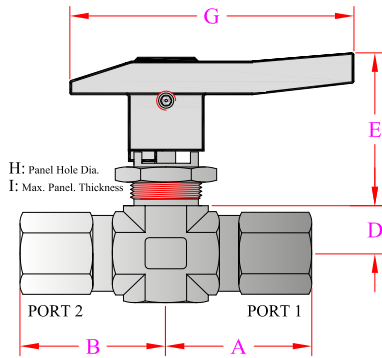
CODICE CODE	CONNESSIONE CONNECTION	PRESSIONE RATING	DIMENSIONALI DIMENSIONALS			MATERIALE MATERIAL	PESO WEIGHT
			B	C	INNER BORE		
12.07.05.01.00010006	1/4" NPT- F	S 6000	77.0	71.0	10.0	316L	0.4
12.07.05.01.00010007	3/8" NPT- F	S 6000	77.0	71.0	10.0	316L	0.4
12.07.05.01.00010008	1/2" NPT- F	S 6000	77.0	71.0	10.0	316L	0.4
12.07.05.01.00010009	3/4" NPT- F	S 6000	77.0	71.0	20.0	316L	2.11
12.07.05.01.00010010	1" NPT- F	S 6000	77.0	71.0	20.0	316L	2.00
12.07.06.01.00010006	1/4" NPT- F	S.10000	77.0	71.0	10.0	316L	0.4
12.07.06.01.00010007	3/8" NPT- F	S.10000	77.0	71.0	10.0	316L	0.4
12.07.06.01.00010008	1/2" NPT- F	S.10000	77.0	71.0	10.0	316L	0.4
12.07.06.01.00010009	3/4" NPT- F	S.10000	77.0	71.0	20.0	316L	2.11
12.07.06.01.00010010	1" NPT- F	S.10000	77.0	71.0	20.0	316L	2.00





Valvole a sfera a compressione  
Compression ball valves

VALVOLE A SFERA A COMPRESSIONE  
BALL VALVES SERIES BV



**Note Tecniche:**

**Pressione:** 6000 psi (414 bar)  
**Temperatura:** -54° a/to +232°C  
**Orefizio:** 6.35 / 10.3  
**Materiale:** 316 / 316L stainless steel

**Caratteristiche Tecniche:**

- Connessioni filettate: 1/8" - 1/4" - 3/8" - 1/2" NPT
- Connessioni da tubo: 6 - 8 10 - 12 - 16 mm 1/8" - 1/4" - 3/8" - 1/2" - 3/4" O.D.
- Auto compensazione delle sedi di tenuta
- Microfinitura della sfera per una migliore tenuta
- Flusso Bidirezionale
- Leva di manovra con indicatore di posizione
- Passaggio dritto per una minima perdita di carico
- Facilità di manovra
- baderna registrabile senza rimuovere la valvola dal sistema
- Montaggi a pannello

**Materiali Valvole Acc. Inox:**

Corpo: 316 / 316 L SS  
Sfera, anelli di contenimento baderna, contenitore sede sfera: 316 / 316 L SS  
Stelo: 316 / 316 L SS  
Adattatori di ingresso, dado premistoppa. 316 / 316 L SS  
Vite di fermo manopola: Inox  
Sede sfera: S.6000 PEEK  
Baderna Stelo: PTFE  
Anelli di tenuta tra adattatore e con+tenitore sede sfera: PTFE

**Technical notes:**

**Pressure:** 6000 psi (414 bar)  
**Temperature:** -54° a/to +232°C  
**Orifice:** 6.35 / 10.3  
**Material:** 316 / 316L stainless steel

**Technical characteristics:**

- Connections Threaded: 1/8" - 1/4" - 3/8" - 1/2" NPT
- Connections tube: 6 - 8 10 - 12 - 16 mm 1/8" - 1/4" - 3/8" - 1/2" - 3/4" O.D.
- Seat wear compensation
- Micro finished ball for positive sealing
- Bi-directional flow
- Handle position indicates flow direction
- Straight through flow for minimum pressure drop
- low operating torques
- Adjustable packing without removing valve from system
- Panel mounting

**Materials:**

Body: 316 / 316 L SS  
Ball, packing washers, seat retainers, ball retainers: 316 / 316 L SS  
Stem: 316 / 316 L SS  
Port adapters, packing nut 316 / 316 L SS  
Handle set screw: Inox  
Ball seats: S.6000 PEEK  
Steam packing: PTFE  
Adapter and retainer seals: PTFE

CODICE CODE	CONNESSIONI CONNECTIONS	DIMENSIONI (mm) DIMENSIONS (mm)							PRESSIONE RATING	MATERIALE MATERIAL	
		Port 1 - Port 2	A	B	D	E	G	H			I
12.08.05.01.00010001	1/4 O.D.		44.5	44.5	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010002	1/2 O.D.		59.2	59.2	18	48	112	23	10	6000 Psi	316/316L
12.08.05.01.00010003	3/4 O.D.		59.2	59.2	18	48	112	23	10	6000 Psi	316/316L
12.08.05.01.00010004	6 mm O.D.		44.5	44.5	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010005	8 mm O.D.		45.2	45.2	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010006	10 mm O.D.		46.7	46.7	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010007	12 mm O.D.		59.2	59.2	18	48	112	23	10	6000 Psi	316/316L
12.08.05.01.00010008	16 mm O.D.		59.2	59.2	18	48	112	23	10	6000 Psi	316/316L
12.08.05.01.00010009	1/4" NPT - F		38.4	38.4	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010010	1/2" NPT - F		54.6	54.6	18	48	112	23	10	6000 Psi	316/316L
12.08.05.01.00010011	1/4" NPT - M		41.2	41.2	12	42	75	19.5	6.4	6000 Psi	316/316L
12.08.05.01.00010012	1/2" NPT - M		56.4	56.4	18	48	112	23	10	6000 Psi	316/316L

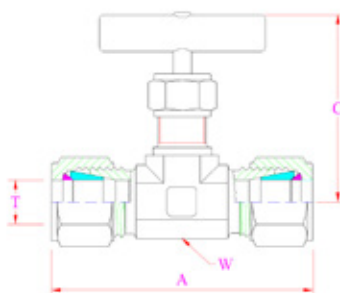
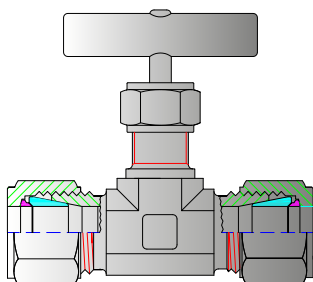


Valvole a spillo a compressione  
*Compression needle valve*

VALVOLA A SPILLO INTERMEDIA PER MONTAGGIO DIRETTO  
*UNION NEEDLE VALVE FOR DIRECT MOUNTING*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D. (Inches)	DIMENSIONI DIMENSIONS		
		A	C	W Hex
12.08.05.01.00010013	1/4	67	55	17.0
12.08.05.01.00010014	5/16	76	60	22.0
12.08.05.01.00010015	3/8	77	60	22.0
12.08.05.01.00010016	1/2	77	60	22.0

CODICE CODE	TUBE O.D. (mm)	DIMENSIONI DIMENSIONS		
		A	C	W Hex
12.08.05.01.00010017	6	67	55	17.0
12.08.05.01.00010018	8	76	60	22.0
12.08.05.01.00010019	10	77	60	22.0
12.08.05.01.00010020	12	77	60	22.0

\*Su richiesta, questa valvola può essere fornita per montaggio a quadro  
 \*On request, this valve can be supplied for panel mounting

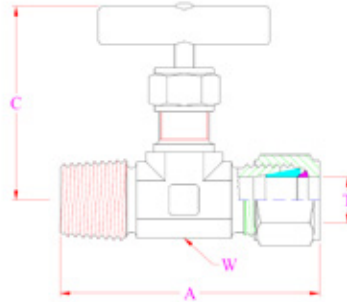
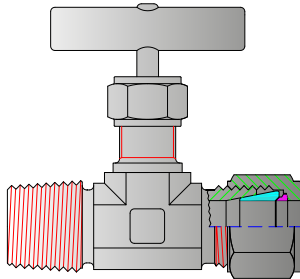


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

VALVOLA A SPILLO TERMINALE  
*NEEDLE VALVE CONNECTOR*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D.		DIMENSIONI DIMENSIONS		
	(Inches)	NPT-M Thread	A	C	W Hex
12.08.05.01.00010021	1/4	1/8	0.61	0.55	17.0
12.08.05.01.00010022	1/4	1/4	0.62	0.55	17.0
12.08.05.01.00010023	5/16	1/4	0.68	0.60	22.0
12.08.05.01.00010024	5/16	3/8	0.69	0.60	22.0
12.08.05.01.00010025	3/8	1/4	0.69	0.60	22.0
12.08.05.01.00010026	3/8	3/8	0.70	0.60	22.0
12.08.05.01.00010027	3/8	1/2	0.74	0.60	22.0
12.08.05.01.00010028	1/2	1/4	0.69	0.60	22.0
12.08.05.01.00010029	1/2	3/8	0.70	0.60	22.0
12.08.05.01.00010030	1/2	1/2	0.74	0.60	22.0

CODICE CODE	TUBE O.D.		DIMENSIONI DIMENSIONS		
	(mm)	NPT-M Thread	A	C	W Hex
12.08.05.01.00010031	6	1/8	0.61	0.55	17.0
12.08.05.01.00010032	6	1/4	0.62	0.55	17.0
12.08.05.01.00010033	8	1/4	0.68	0.60	22.0
12.08.05.01.00010034	8	3/8	0.69	0.60	22.0
12.08.05.01.00010035	10	1/4	0.69	0.60	22.0
12.08.05.01.00010036	10	3/8	0.70	0.60	22.0
12.08.05.01.00010037	10	1/2	0.74	0.60	22.0
12.08.05.01.00010038	12	1/4	0.69	0.60	22.0
12.08.05.01.00010039	12	3/8	0.70	0.60	22.0
12.08.05.01.00010040	12	1/2	0.74	0.60	22.0



## Raccordi a compressione a doppia ogiva *Twin ferrules compression fittings*

### RACCORDI A COMPRESSIONE *COMPRESSION FITTINGS*

#### **Principio:**

I raccordi a doppio anello sono raccordi di precisione composti da quattro parti concepite per realizzare connessioni a tenuta perfetta anche in presenza di alta pressione, vuoto e vibrazioni.

- 1) L'anello posteriore realizza una sicura presa meccanica sul tubo garantendo la resistenza alla pressione ed alle vibrazioni.
- 2) Il rivestimento in argento del filetto del dado evita ogni possibilità di grippaggio.
- 3) L'anello frontale realizza la tenuta perfetta nei confronti del tubo e del corpo del raccordo.
- 4) Il perfetto posizionamento del tubo è assicurato dal profondo inserimento del tubo stesso nel raccordo e dalle tolleranze ristrette di tutti i componenti.

I raccordi sono forniti completi e pronti per l'impiego. L'anello frontale, scivolando lungo il cono del raccordo comprime il tubo creando una perfetta tenuta sia sul tubo sia sul raccordo grazie all'interferenza che si genera fra i tre componenti in contatto ed alla perfetta finitura degli stessi. Quindi l'anello posteriore, guidato dal cono dell'anello frontale, incide il tubo realizzando una robusta presa meccanica. Il diametro interno del corpo e del dado sono accuratamente controllati per guidare il tubo ed assicurare il suo perfetto allineamento rispetto all'asse.

I raccordi vengono impiegati in impianti chimici, petrolchimici, off-shore ed energetici e sono conformi alle specifiche emesse dai più grandi gruppi industriali.

#### **Principle:**

The ferrule fitting of four precisionengineered parts designed to provide secure leak-proof joint capable of satisfying high pressure, vacuum and vibration application.

- 1) The back ferrule provides a strong mechanical and antivibration hold on the tube.
- 2) Fine pitch, silver plated nut ensure no galling
- 3) Pressure seal by front ferrule on tube body
- 4) Deep tube abutment and close tolerance of nut and body for accurate tube alignment.

Fittings are supplied complete and ready for use. The front ferrule swages onto the tubes as it moves down the cone of the body creating a pressure/cavuum-tight seal on both tube and the body by the interface pressure and surface finish of mating componenets. The back ferrule then deform inwards in the cone of the front ferrule, forming into the tube anc creating a strong mechanical hold on the tube. The internal diameter of body and nut are closely controlled diameters which constrain the tube within close tolerance of its axis ensuring acurate alignment within the assembles fitting.

The compression fitting are widely used in chemical, petrolchemical and other industries. The fittings are conform fully to the specifications issued from the greatest industries.



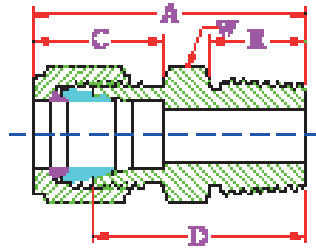
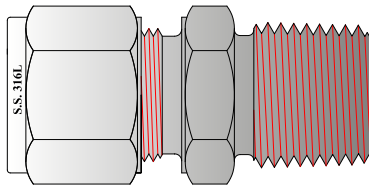


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE DIRITTO MASCHIO - POLLICI  
 STRAIGHT MALE CONNECTOR - INCHES

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D. (Inches)	NPT-M THREAD	DIMENSIONI (Pollici) DIMENSIONS (Inch)				
			A	C	D	R	W Hex
12.09.05.01.00010001	1/8	1/8	1.20	0.60	0.94	0.38	7/16
12.09.05.01.00010002	1/8	1/4	1.40	0.60	1.14	0.56	9/16
12.09.05.01.00010003	1/8	3/8	1.42	0.60	1.16	0.56	11/16
12.09.05.01.00010004	1/8	1/2	1.67	0.60	1.41	0.75	7/8
12.09.05.01.00010005	1/4	1/8	1.29	0.70	1.00	0.38	1/2
12.09.05.01.00010006	1/4	1/4	1.49	0.70	1.20	0.56	9/16
12.09.05.01.00010007	1/4	3/8	1.51	0.70	1.22	0.56	11/16
12.09.05.01.00010008	1/4	1/2	1.51	0.70	1.47	0.75	7/8
12.09.05.01.00010009	1/4	3/4	1.82	0.70	1.53	0.75	1-1/16
12.09.05.01.00010010	3/8	1/8	1.38	0.76	1.09	0.38	5/8
12.09.05.01.00010011	3/8	1/4	1.57	0.76	1.28	0.56	5/8
12.09.05.01.00010012	3/8	3/8	1.57	0.76	1.28	0.56	11/16
12.09.05.01.00010013	3/8	1/2	1.82	0.76	1.53	0.75	7/8
12.09.05.01.00010014	3/8	3/4	1.88	0.76	1.59	0.75	1-1/16
12.09.05.01.00010015	1/2	1/8	1.53	0.87	1.13	0.38	13/16
12.09.05.01.00010016	1/2	1/4	1.71	0.87	1.31	0.56	13/16
12.09.05.01.00010017	1/2	3/8	1.71	0.87	1.31	0.56	13/16
12.09.05.01.00010018	1/2	1/2	1.93	0.87	1.53	0.75	7/8
12.09.05.01.00010019	1/2	3/4	1.99	0.87	1.59	0.75	1-1/16
12.09.05.01.00010020	1/2	1	2.28	0.87	1.59	0.94	1-3/8
12.09.05.01.00010021	3/4	1/2	1.99	0.87	1.59	0.75	1-1/16
12.09.05.01.00010022	3/4	3/4	1.99	0.87	1.59	0.75	1-1/16
12.09.05.01.00010023	3/4	1	2.28	0.87	1.88	0.94	1-3/8
12.09.05.01.00010024	1	1/2	2.27	1.05	1.78	0.75	1-3/8
12.09.05.01.00010025	1	3/4	2.27	1.05	1.78	0.75	1-3/8
12.09.05.01.00010026	1	1	2.46	1.05	1.97	0.94	1-3/8

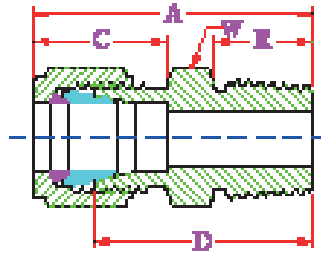
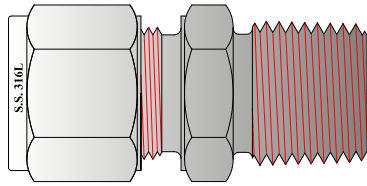


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

TERMINALE DIRITTO MASCHIO - MILLIMETRI  
STRAIGHT MALE CONNECTOR - MILLIMETERS

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D. (mm)	NPT -M THREAD	DIMENSIONI (mm) DIMENSIONS (mm)				
			A	C	D	R	W Hex
12.09.05.01.00010027	3	1/8	29.7	15.3	23.1	9.5	12.0
12.09.05.01.00010028	3	1/4	35.3	15.3	28.7	14.3	14.0
12.09.05.01.00010029	4	1/8	31.2	16.1	24.6	9.5	12.0
12.09.05.01.00010030	4	1/4	36.3	16.1	29.7	14.3	14.0
12.09.05.01.00010031	6	1/8	32.9	17.7	25.4	9.5	14.0
12.09.05.01.00010032	6	1/4	38.1	17.7	30.6	14.3	14.0
12.09.05.01.00010033	6	3/8	38.5	17.7	31.0	14.3	18.0
12.09.05.01.00010034	6	1/2	44.8	17.7	37.3	19.1	22.0
12.09.05.01.00010035	8	1/8	34.2	18.6	26.7	9.5	15.0
12.09.05.01.00010036	8	1/4	38.8	18.6	31.3	14.3	15.0
12.09.05.01.00010037	8	3/8	39.3	18.6	31.8	14.3	18.0
12.09.05.01.00010038	8	1/2	45.6	18.6	38.1	19.1	22.0
12.09.05.01.00010039	10	1/8	36.1	19.5	28.6	9.5	18.0
12.09.05.01.00010040	10	1/4	40.9	19.5	33.3	14.3	18.0
12.09.05.01.00010041	10	3/8	40.9	19.5	33.3	14.3	18.0
12.09.05.01.00010042	10	1/2	47.5	19.5	38.9	19.1	22.0
12.09.05.01.00010043	10	3/4	46.4	19.5	38.9	19.1	27.0
12.09.05.01.00010044	10	1	55.0	19.5	47.5	23.8	35.0
12.09.05.01.00010045	12	1/4	43.4	22.0	33.3	14.3	22.0
12.09.05.01.00010046	12	3/8	43.4	22.0	33.3	14.3	22.0
12.09.05.01.00010047	12	1/2	49.0	22.0	38.9	19.1	22.0
12.09.05.01.00010048	12	3/4	50.5	22.0	40.4	19.1	27.0
12.09.05.01.00010049	14	1/4	44.2	22.0	34.1	14.3	24.0
12.09.05.01.00010050	14	3/8	44.2	22.0	34.1	14.3	24.0
12.09.05.01.00010051	14	1/2	49.0	22.0	38.9	19.1	24.0
12.09.05.01.00010052	16	3/8	44.1	22.0	34.1	14.3	24.0
12.09.05.01.00010053	16	1/2	49.0	22.0	38.9	19.1	27.0
12.09.05.01.00010054	16	3/4	50.5	22.0	40.5	19.1	27.0
12.09.05.01.00010055	18	1/2	50.6	22.0	40.5	19.1	27.0
12.09.05.01.00010056	18	3/4	50.6	22.0	40.5	19.1	27.0
12.09.05.01.00010057	20	1/2	50.6	22.0	42.2	19.1	30.0
12.09.05.01.00010058	20	3/4	52.3	22.0	42.2	19.1	35.0
12.09.05.01.00010059	20	1	57.7	22.0	47.6	23.8	35.0
12.09.05.01.00010060	22	3/4	52.3	22.0	42.2	19.1	35.0
12.09.05.01.00010061	25	1/2	57.5	26.5	45.3	19.1	35.0
12.09.05.01.00010062	25	3/4	57.5	26.5	45.2	19.1	35.0
12.09.05.01.00010063	25	1	26.5	26.5	50.0	19.1	35.0



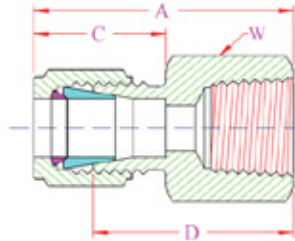
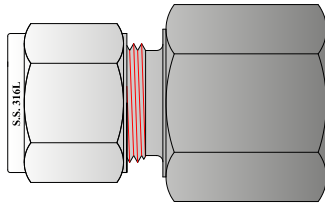


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE DIRITTO FEMMINA - POLLICI  
 STRAIGHT FEMALE CONNECTOR - INCHES

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D. (mm)	NPT-F THREAD	DIMENSIONI (Pollici) DIMENSIONS (Inch.)			
			A	C	D	W Hex
12.09.05.01.00010064	1/8	1/8	1.14	0.60	0.88	9/16
12.09.05.01.00010065	1/8	1/4	1.32	0.60	1.06	3/4
12.09.05.01.00010066	1/4	1/8	1.23	0.70	0.94	9/16
12.09.05.01.00010067	1/4	1/4	1.42	0.70	1.13	3/4
12.09.05.01.00010068	1/4	3/8	1.48	0.70	1.19	7/8
12.09.05.01.00010069	1/4	1/2	1.67	0.70	1.38	1-1/16
12.09.05.01.00010070	3/8	1/8	1.29	0.76	1.00	5/8
12.09.05.01.00010071	3/8	1/4	1.48	0.76	1.19	3/4
12.09.05.01.00010072	3/8	3/8	1.54	0.76	1.25	7/8
12.09.05.01.00010073	3/8	1/2	1.73	0.76	1.44	1-1/16
12.09.05.01.00010074	3/8	3/4	1.85	0.76	1.56	1-1/4
12.09.05.01.00010075	1/2	1/4	1.59	0.87	1.19	13/16
12.09.05.01.00010076	1/2	3/8	1.65	0.87	1.25	7/8
12.09.05.01.00010077	1/2	1/2	1.84	0.87	1.44	1-1/16
12.09.05.01.00010078	1/2	3/4	1.96	0.87	1.56	1-1/4
12.09.05.01.00010079	3/4	1/2	1.84	0.87	1.44	1-1/16
12.09.05.01.00010080	3/4	3/4	1.96	0.87	1.56	1-3/8
12.09.05.01.00010081	1	3/4	2.15	1.05	1.66	1-3/8
12.09.05.01.00010082	1	1	2.46	1.05	1.97	1-5/8

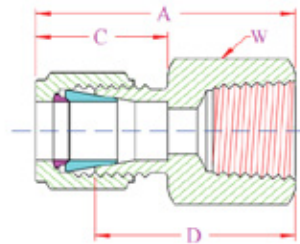
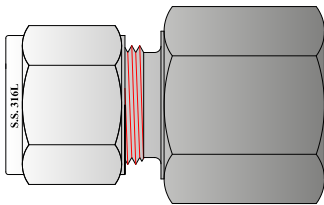


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

TERMINALE DIRITTO FEMMINA - MILLIMETRI  
STRAIGHT FEMALE CONNECTOR - MILLIMETERS

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	TUBE O.D. (mm)	NPT-F THREAD	DIMENSIONI (mm) DIMENSIONS (mm)			
			A	C	D	W Hex
12.09.05.01.00010083	3	1/8	28.8	15.3	22.0	14.0
12.09.05.01.00010084	3	1/4	33.6	15.3	27.0	19.0
12.09.05.01.00010085	4	1/8	29.6	16.1	23.0	14.0
12.09.05.01.00010086	6	1/8	31.3	17.7	23.8	14.0
12.09.05.01.00010087	6	1/4	36.1	17.7	28.6	19.0
12.09.05.01.00010088	6	3/8	37.7	17.7	30.2	22.0
12.09.05.01.00010089	6	1/2	42.5	17.7	35.0	27.0
12.09.05.01.00010090	8	1/8	32.1	18.6	24.6	14.0
12.09.05.01.00010091	8	1/4	36.9	18.6	29.4	19.0
12.09.05.01.00010092	8	3/8	38.5	18.6	31.0	22.0
12.09.05.01.00010093	10	1/4	37.8	19.5	30.2	19.0
12.09.05.01.00010094	10	3/8	39.4	19.5	31.8	22.0
12.09.05.01.00010095	10	1/2	44.1	19.5	36.5	27.0
12.09.05.01.00010096	12	1/4	41.9	22.0	31.8	22.0
12.09.05.01.00010097	12	3/8	41.9	22.0	31.8	22.0
12.09.05.01.00010098	12	1/2	46.6	22.0	36.5	27.0
12.09.05.01.00010099	16	3/8	41.9	22.0	31.8	27.0
12.09.05.01.00010100	16	1/2	46.9	22.0	36.5	27.0
12.09.05.01.00010101	20	1/2	47.9	22.0	37.8	30.0
12.09.05.01.00010102	20	3/4	49.7	22.0	39.6	35.0
12.09.05.01.00010103	22	3/4	49.7	22.0	39.6	35.0
12.09.05.01.00010104	25	3/4	53.6	26.5	41.3	35.0
12.09.05.01.00010105	25	1	62.3	26.5	50.0	41.0

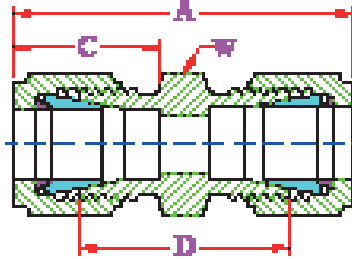
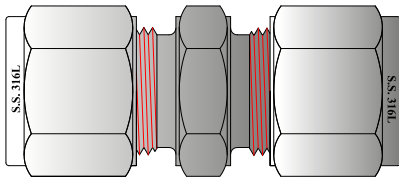


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

INTERMEDIO DIRITTO  
 STRAIGHT UNION

**Materiale:** 316/316L

**Material:** 316/316L



**POLLICI / INCHES**

CODICE CODE	TUBE O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)			
		A	C	D	W Hex
12.09.05.01.00010106	1/8	1.39	0.60	0.88	7/16
12.09.05.01.00010107	1/4	1.62	0.70	1.03	1/2
12.09.05.01.00010108	3/8	1.77	0.76	1.19	5/8
12.09.05.01.00010109	1/2	2.02	0.87	1.22	13/16
12.09.05.01.00010110	3/4	2.11	0.87	1.31	1-1/16
12.09.05.01.00010111	1	2.57	1.05	1.59	1-3/8

**MILLIMETRI - MILLIMETERS**

CODICE CODE	TUBE O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)			
		A	C	D	W Hex
12.09.05.01.00010112	3	35.3	15.3	22.1	12.0
12.09.05.01.00010113	4	37.4	16.1	24.2	12.0
12.09.05.01.00010114	6	41.2	17.7	26.2	14.0
12.09.05.01.00010115	8	43.2	18.6	28.2	15.0
12.09.05.01.00010116	10	46.2	19.5	31.0	18.0
12.09.05.01.00010117	12	51.2	22.0	31.0	22.0
12.09.05.01.00010118	14	52.0	22.0	31.8	24.0
12.09.05.01.00010119	16	52.0	22.0	31.8	24.0
12.09.05.01.00010120	18	53.5	22.0	33.3	27.0
12.09.05.01.00010121	20	55.0	22.0	34.8	30.0
12.09.05.01.00010122	22	55.0	22.0	34.8	30.0
12.09.05.01.00010123	25	65.1	26.5	40.5	35.0

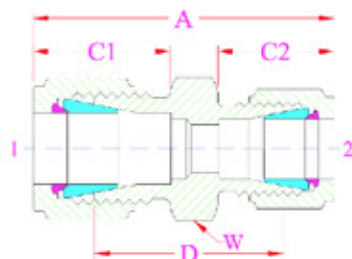
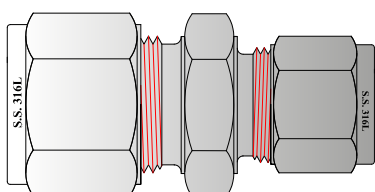


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

**INTERMEDIO RIDOTTO**  
**REDUCING UNION**

**Materiale:** 316/316L

**Material:** 316/316L



**POLLICI / INCHES**

CODICE CODE	T <sup>1</sup> Tube O.D.	T <sup>2</sup> Tube O.D.	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			A	D	C <sup>1</sup>	C <sup>2</sup>	W WHex
12.09.05.01.00010124	1/4	1/8	1.52	0.97	0.70	0.60	1/2
12.09.05.01.00010125	3/8	1/8	1.61	1.06	0.76	0.60	5/8
12.09.05.01.00010126	3/8	1/4	1.71	1.13	0.76	0.70	5/8
12.09.05.01.00010127	1/2	1/8	1.75	1.09	0.87	0.60	13/16
12.09.05.01.00010128	1/2	1/4	1.85	1.16	0.87	0.70	13/16
12.09.05.01.00010129	1/2	3/8	1.91	1.22	0.87	0.76	13/16
12.09.05.01.00010130	3/4	1/4	1.95	1.25	0.87	0.76	1-1/16
12.09.05.01.00010131	3/4	3/8	2.00	1.31	0.87	0.76	1-1/16
12.09.05.01.00010132	3/4	1/2	2.11	1.31	0.87	0.87	1-1/16
12.09.05.01.00010133	1	1/2	2.39	1.50	1.05	0.87	1-3/8
12.09.05.01.00010134	1	3/4	2.39	1.50	1.05	0.87	1-3/8

**MILLIMETRI - MILLIMETERS**

CODICE CODE	T <sup>1</sup> Tube O.D.	T <sup>2</sup> Tube O.D.	DIMENSIONI (mm) DIMENSIONS (mm)				
			A	D	C <sup>1</sup>	C <sup>2</sup>	W Hex
12.09.05.01.00010135	6	3	38.7	24.6	17.7	15.3	14.0
12.09.05.01.00010136	6	4	39.5	25.4	17.7	16.1	14.0
12.09.05.01.00010137	8	6	42.4	27.4	18.6	17.7	15.0
12.09.05.01.00010138	10	6	44.5	29.4	19.5	17.7	18.0
12.09.05.01.00010139	10	8	44.5	29.4	19.5	18.6	18.0
12.09.05.01.00010140	12	6	47.0	29.4	22.0	17.7	22.0
12.09.05.01.00010141	12	8	47.8	30.2	22.0	18.6	22.0
12.09.05.01.00010142	12	10	48.7	31.0	22.0	19.5	22.0
12.09.05.01.00010143	16	10	49.5	31.8	22.0	19.5	24.0
12.09.05.01.00010144	16	12	52.0	31.8	22.0	22.0	24.0
12.09.05.01.00010145	18	12	53.5	33.3	22.0	22.0	27.0
12.09.05.01.00010146	25	18	60.5	38.1	26.5	22.0	35.0
12.09.05.01.00010147	25	20	62.3	39.9	26.5	22.0	35.0

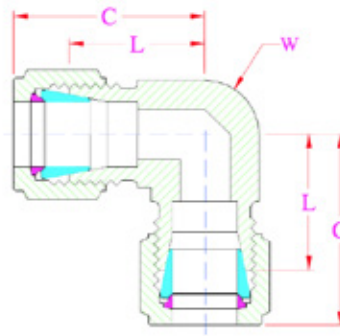
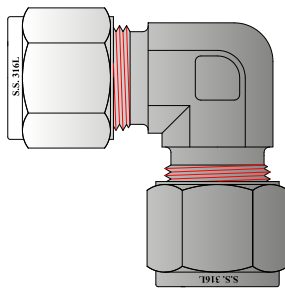


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

INTERMEDIO A GOMITO  
*UNION ELBOW*

**Materiale:** 316/316L

**Material:** 316/316L



**POLLICI / INCHES**

CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)		
		C	L	W Hex
12.09.05.01.00010148	1/8	0.88	0.62	3/8
12.09.05.01.00010149	1/4	1.06	0.77	1/2
12.09.05.01.00010150	3/8	1.20	0.91	5/8
12.09.05.01.00010151	1/2	1.42	1.02	13/16
12.09.05.01.00010152	3/4	1.57	1.17	1-1/16
12.09.05.01.00010153	1	1.93	1.45	1-3/8

**MILLIMETRI - MILLIMETERS**

CODICE CODE	Tube O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)		
		C	L	W Hex
12.09.05.01.00010154	3	22.3	15.7	3/8
12.09.05.01.00010155	4	25.4	18.8	1/2
12.09.05.01.00010156	6	27.0	19.6	1/2
12.09.05.01.00010157	8	28.8	21.3	9/16
12.09.05.01.00010158	10	31.5	23.9	11/16
12.09.05.01.00010159	12	36.0	25.9	13/16
12.09.05.01.00010160	14	38.1	28.0	15/16
12.09.05.01.00010161	16	38.0	27.9	15/16
12.09.05.01.00010162	18	39.8	29.7	1-1/16
12.09.05.01.00010163	20	44.6	34.5	1-3/8
12.09.05.01.00010164	22	44.6	34.5	1-3/8
12.09.05.01.00010165	25	49.1	36.8	1-3/8

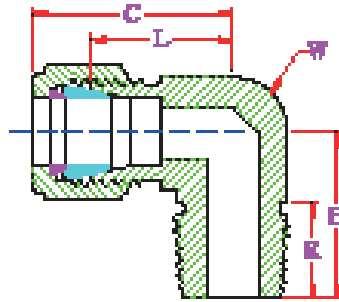
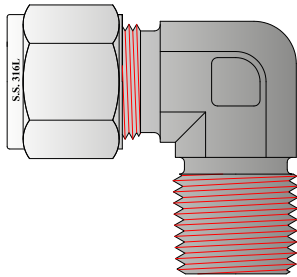


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE GOMITO MASCHIO - POLLICI  
 MALE ELBOW CONNECTOR - INCHES

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			C	H	L	R	W Hex
12.09.05.01.00010166	1/8	1/8	0.93	0.70	0.67	0.38	7/16
12.09.05.01.00010167	1/8	1/4	0.97	0.93	0.72	0.56	9/16
12.09.05.01.00010168	1/4	1/8	1.06	0.74	0.77	0.38	1/2
12.09.05.01.00010169	1/4	1/4	1.06	0.93	0.77	0.56	9/16
12.09.05.01.00010170	1/4	3/8	1.17	1.04	0.88	0.56	11/16
12.09.05.01.00010171	1/4	1/2	1.25	1.31	0.96	0.75	13/16
12.09.05.01.00010172	3/8	1/8	1.20	0.82	0.91	0.38	5/8
12.09.05.01.00010173	3/8	1/4	1.20	1.01	0.91	0.56	5/8
12.09.05.01.00010174	3/8	3/8	1.23	1.13	0.97	0.56	11/16
12.09.05.01.00010175	3/8	1/2	1.31	1.31	1.02	0.75	13/16
12.09.05.01.00010176	3/8	3/4	1.46	1.46	1.17	0.75	1-1/16
12.09.05.01.00010177	1/2	1/4	1.42	1.12	1.02	0.56	13/16
12.09.05.01.00010178	1/2	3/8	1.42	1.12	1.02	0.56	13/16
12.09.05.01.00010179	1/2	1/2	1.42	1.31	1.02	0.75	13/16
12.09.05.01.00010180	1/2	3/4	1.57	1.46	1.17	0.75	1-1/16
12.09.05.01.00010181	3/4	1/2	1.57	1.46	1.17	0.75	1-1/16
12.09.05.01.00010182	3/4	3/4	1.57	1.46	1.17	0.75	1-1/16
12.09.05.01.00010183	1	3/4	1.93	1.65	1.45	0.75	1-3/8
12.09.05.01.00010184	1	1	1.93	1.84	1.45	0.94	1-3/8

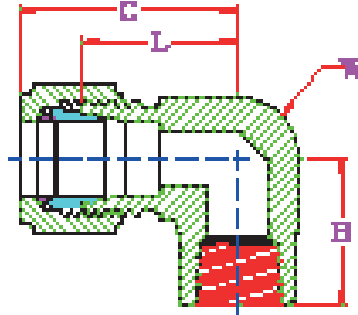
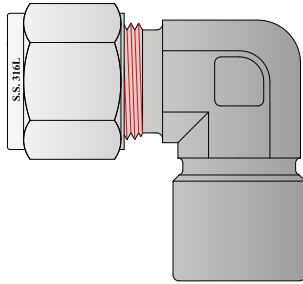


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE GOMITO FEMMINA  
 FEMALE ELBOW CONNECTOR

**Materiale:** 316/316L

**Material:** 316/316L



**POLLICI / INCHES**

CODICE CODE	Tube O.D. (Inches)	NPT-F Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)			
			C	H	L	W Hex
12.09.05.01.00010185	1/8	1/8	0.97	0.75	0.71	9/16
12.09.05.01.00010186	1/8	1/4	1.10	0.88	0.84	3/4
12.09.05.01.00010187	1/4	1/4	1.20	0.88	0.91	11/16
12.09.05.01.00010188	1/4	3/8	1.25	0.88	0.96	13/16
12.09.05.01.00010189	1/4	1/2	1.36	1.13	1.07	1
12.09.05.01.00010190	1/4	1/8	1.13	0.75	0.84	9/16
12.09.05.01.00010191	3/8	1/4	1.26	0.88	0.97	11/16
12.09.05.01.00010192	3/8	3/8	1.31	0.88	1.02	13/16
12.09.05.01.00010193	3/8	1/2	1.42	1.13	1.13	1
12.09.05.01.00010194	1/2	1/4	1.42	0.88	1.02	13/16
12.09.05.01.00010195	1/2	3/8	1.42	0.88	1.02	13/16
12.09.05.01.00010196	1/2	1/2	1.53	1.13	1.13	1
12.09.05.01.00010197	3/4	1/2	1.57	1.13	1.17	1-1/16
12.09.05.01.00010198	3/4	3/4	1.76	1.25	1.36	1-3/8
12.09.05.01.00010199	1	3/4	1.93	1.25	1.45	1-3/8
12.09.05.01.00010200	1	1	2.02	1.50	1.53	1-5/8

**MILLIMETRI - MILLIMETERS**

CODICE CODE	Tube O.D. (mm)	NPT-F Thread	DIMENSIONI (mm) DIMENSIONS (mm)			
			C	H	L	W Hex
12.09.05.01.00010201	6	1/8	27.0	19.0	19.6	1/2
12.09.05.01.00010202	6	1/4	29.8	22.4	22.4	11/16
12.09.05.01.00010203	8	1/8	28.8	19.1	21.3	9/16
12.09.05.01.00010204	8	1/4	30.6	22.4	23.1	13/16
12.09.05.01.00010205	10	1/4	33.5	22.4	25.9	13/16
12.09.05.01.00010206	10	3/8	33.5	22.4	25.9	13/16
12.09.05.01.00010207	10	1/2	36.3	28.5	28.7	1
12.09.05.01.00010208	12	1/4	36.0	22.4	25.9	13/16
12.09.05.01.00010209	12	3/8	36.0	22.4	25.9	13/16
12.09.05.01.00010210	12	1/2	38.8	28.4	28.7	13/16
12.09.05.01.00010211	16	3/8	39.5	23.6	29.7	1-1/16
12.09.05.01.00010212	16	1/2	39.5	28.4	29.7	1-1/16

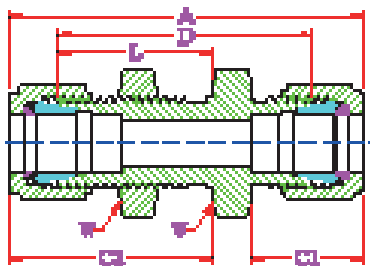
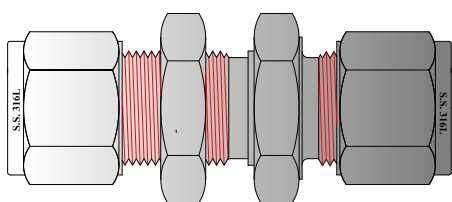


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

INTERMEDIO PASSAPARETE  
*BULKHEAD UNION*

**Materiale:** 316/316L

**Material:** 316/316L



**POLLICI / INCHES**

CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
		A	C <sup>1</sup>	C <sup>2</sup>	D	L	W Hex
12.09.05.01.00010213	1/8	2.02	0.60	1.23	1.50	0.97	1/2
12.09.05.01.00010214	1/4	2.27	0.70	1.31	1.69	1.02	5/8
12.09.05.01.00010215	3/8	2.46	0.76	1.44	1.88	1.15	3/4
12.09.05.01.00010216	1/2	2.80	0.87	1.65	2.00	1.25	15/16
12.09.05.01.00010217	3/4	3.11	0.87	1.87	2.31	1.47	1-3/16
12.09.05.01.00010218	1	3.78	1.05	2.27	2.81	1.78	1-5/8

**MILLIMETRI - MILLIMETERS**

CODICE CODE	Tube O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)					
		A	C <sup>1</sup>	C <sup>2</sup>	D	L	W Hex
12.09.05.01.00010219	3	51.3	15.3	31.2	38.2	24.6	14.0
12.09.05.01.00010220	4	53.7	16.1	32.0	40.5	25.4	14.0
12.09.05.01.00010221	6	57.9	17.7	33.7	42.9	26.2	16.0
12.09.05.01.00010222	8	61.0	18.6	36.0	46.0	28.5	18.0
12.09.05.01.00010223	10	63.6	19.5	37.0	48.4	29.4	22.0
12.09.05.01.00010224	12	71.0	22.0	41.9	50.8	31.8	27.0
12.09.05.01.00010225	16	72.6	22.0	42.6	52.4	32.5	27.0
12.09.05.01.00010226	18	78.9	22.0	47.4	58.7	37.3	30.0
12.09.05.01.00010227	20	88.2	22.0	51.0	68.0	40.9	35.0
12.09.05.01.00010228	25	95.8	26.5	54.4	71.4	42.2	41.0

Pneumatica  
Pneumatic



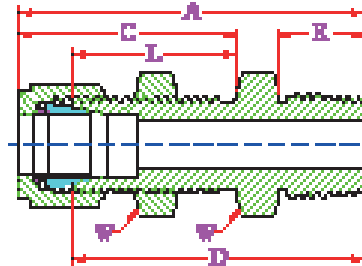
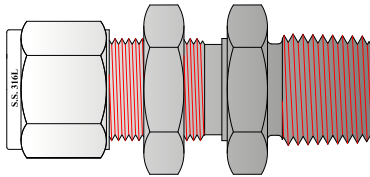


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

CONNETTORE PASSAPARETE MASCHIO  
MALE BULKHEAD CONNECTOR

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			A	C	D	L	R	W Hex
12.09.05.01.00010229	1/4	1/8	1.95	1.31	1.655	1.02	0.38	5/8
12.09.05.01.00010230	1/4	1/4	2.132	1.31	1.842	1.02	0.56	5/8
12.09.05.01.00010231	1/4	3/8	2.162	1.31	1.872	1.02	0.56	11/16
12.09.05.01.00010232	1/4	1/2	2.374	1.31	2.084	1.02	0.75	7/8
12.09.05.01.00010233	3/8	1/8	2.08	1.44	1.788	1.15	0.38	3/4
12.09.05.01.00010234	3/8	1/4	2.265	1.44	1.975	1.15	0.56	3/4
12.09.05.01.00010235	3/8	3/8	2.265	1.44	1.975	1.15	0.56	3/4
12.09.05.01.00010236	3/8	1/2	2.48	1.44	2.219	1.15	0.75	7/8
12.09.05.01.00010237	1/2	1/4	2.494	1.65	2.094	1.25	0.56	15/16
12.09.05.01.00010238	1/2	3/8	2.494	1.65	2.094	1.25	0.56	15/16
12.09.05.01.00010239	1/2	1/2	2.712	1.65	2.312	1.25	0.75	15/16
12.09.05.01.00010240	1/2	3/4	2.722	1.65	2.322	1.25	0.75	1-1/8
12.09.05.01.00010241	3/4	1/2	3.00	1.87	2.601	1.47	0.75	1-3/16
12.09.05.01.00010242	3/4	3/4	3.00	1.87	2.601	1.47	0.75	1-3/16
12.09.05.01.00010243	1	3/4	3.54	2.27	3.006	1.78	0.75	1-5/8
12.09.05.01.00010244	1	1	3.72	2.27	3.194	1.78	0.94	1-5/8

CODICE CODE	Tube O.D. (mm)	NPT-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	D	L	R	W Hex
12.09.05.01.00010245	6	1/8	49.6	33.7	42.1	26.2	9.5	16.0
12.09.05.01.00010246	6	1/4	53.5	33.7	46.0	26.2	14.3	16.0
12.09.05.01.00010247	8	1/8	52.3	36.0	44.8	28.5	9.5	18.0
12.09.05.01.00010248	8	1/4	57.5	36.0	50.0	28.5	14.3	18.0
12.09.05.01.00010249	10	1/4	58.4	37.0	50.8	29.4	14.3	22.0
12.09.05.01.00010250	10	3/8	58.4	37.0	50.8	29.4	14.3	22.0
12.09.05.01.00010251	10	1/2	63.1	37.0	55.5	29.4	19.0	22.0
12.09.05.01.00010252	12	1/4	63.3	10.1	53.2	31.8	14.3	24.0
12.09.05.01.00010253	12	3/8	64.5	10.1	54.4	31.8	14.3	24.0
12.09.05.01.00010254	12	1/2	67.5	10.1	57.4	31.8	19.0	24.0

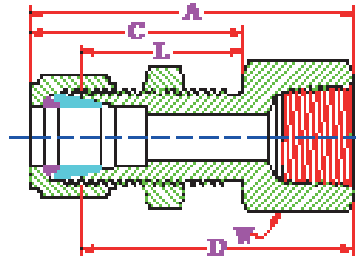
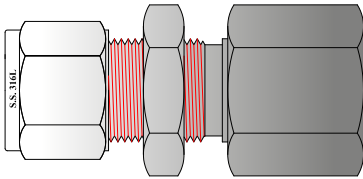


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

CONNETTORE PASSAPARETE FEMMINA  
FEMALE BULKHEAD CONNECTOR

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-F Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			A	C	D	L	W Hex
12.09.05.01.00010255	1/8	1/8	1.76	1.23	1.50	0.97	9/16
12.09.05.01.00010256	1/4	1/8	1.85	1.31	1.56	1.02	5/8
12.09.05.01.00010257	1/4	1/4	2.04	1.31	1.75	1.02	3/4
12.09.05.01.00010258	3/8	1/4	2.17	1.44	1.88	1.15	3/4
12.09.05.01.00010259	1/2	3/8	2.43	1.65	2.03	1.25	15/16
12.09.05.01.00010260	1	1	3.68	2.27	3.19	1.78	1-5/8

CODICE CODE	Tube O.D. (mm)	NPT-F Thread	DIMENSIONI (mm) DIMENSIONS (mm)				
			A	C	D	L	W Hex
12.09.05.01.00010261	6	1/8	47.2	33.7	39.7	26.2	16.0
12.09.05.01.00010262	6	1/4	52.0	33.7	44.5	26.2	19.0
12.09.05.01.00010263	8	1/8	49.6	36.1	42.1	28.5	18.0
12.09.05.01.00010264	10	1/4	55.2	37.0	47.6	29.4	19.0
12.09.05.01.00010265	12	3/8	60.9	41.9	50.8	31.8	24.0
12.09.05.01.00010266	12	1/2	66.4	41.9	56.3	31.8	27.0

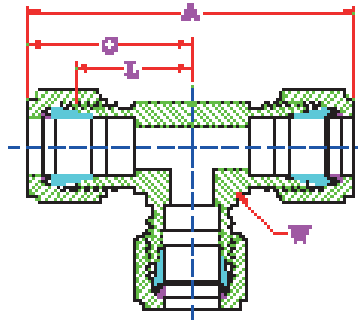
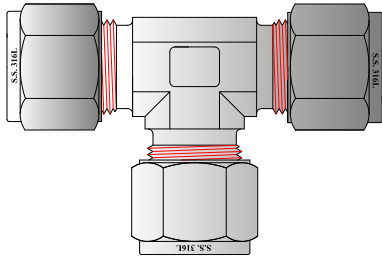


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

INTERMEDIO A TEE  
 UNION TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)			
		A	C	L	W Hex
12.09.05.01.00010267	1/8	1.76	0.88	0.62	3/8
12.09.05.01.00010268	1/4	2.12	1.06	0.77	1/2
12.09.05.01.00010269	3/8	2.40	1.20	0.91	5/8
12.09.05.01.00010270	1/2	2.84	1.42	1.02	13/16
12.09.05.01.00010271	3/4	3.14	1.57	1.16	1-1/16
12.09.05.01.00010272	1	3.86	1.93	1.45	1-3/8

CODICE CODE	Tube O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)			
		A	C	L	W Hex
12.09.05.01.00010273	3	44.7	22.3	15.7	3/8
12.09.05.01.00010274	4	50.8	25.4	18.8	1/2
12.09.05.01.00010275	6	53.9	27.0	19.6	1/2
12.09.05.01.00010276	8	59.7	29.9	22.4	5/8
12.09.05.01.00010277	10	63.0	31.5	23.9	11/16
12.09.05.01.00010278	12	72.0	36.0	25.9	13/16
12.09.05.01.00010279	14	77.6	38.8	28.7	1
12.09.05.01.00010280	16	77.6	38.8	28.7	1
12.09.05.01.00010281	18	79.5	38.8	29.7	1-1/16
12.09.05.01.00010282	20	89.3	44.6	34.5	1-3/8
12.09.05.01.00010283	22	89.3	44.6	34.5	1-3/8
12.09.05.01.00010284	25	98.3	49.1	36.8	1-3/8

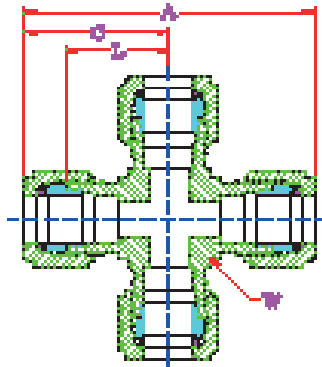
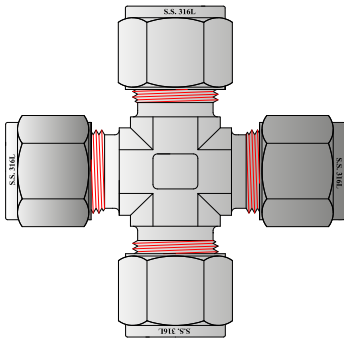


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

INTERMEDIO A CROCE  
UNION CROSS

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)			
		A	C	L	W Hex
12.09.05.01.00010285	1/8	1.76	0.98	0.62	7/16
12.09.05.01.00010286	1/4	2.12	1.06	0.77	1/2
12.09.05.01.00010287	3/8	2.40	1.20	0.91	5/8
12.09.05.01.00010288	1/2	2.84	1.42	1.02	13/16
12.09.05.01.00010289	3/4	3.14	1.57	1.16	1-1/16
12.09.05.01.00010290	1	3.86	1.93	1.45	1-5/16

CODICE CODE	Tube O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)			
		A	C	L	W Hex
12.09.05.01.00010291	3	44.7	22.3	15.7	7/16
12.09.05.01.00010292	4	50.8	25.4	18.8	1/2
12.09.05.01.00010293	6	53.9	27.0	19.6	1/2
12.09.05.01.00010294	8	59.7	29.9	22.4	5/8
12.09.05.01.00010295	10	67.0	33.5	25.9	13/16
12.09.05.01.00010296	12	72.0	36.0	25.9	13/16
12.09.05.01.00010297	16	74.0	37.0	26.9	15/16
12.09.05.01.00010298	18	76.6	38.3	28.2	1-1/16

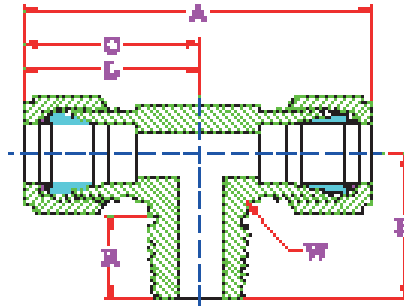
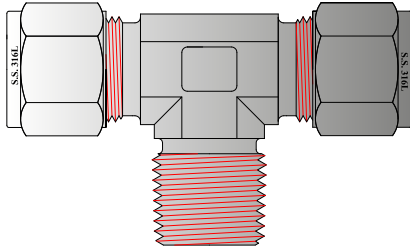


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TEE DERIVATO MASCHIO  
 MALE BRANCH TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			A	C	H	L	W Hex
12.09.05.01.00010299	1/8	1/4	1.96	0.98	0.93	0.72	1/2
12.09.05.01.00010300	1/4	1/8	2.12	1.06	0.74	0.77	1/2
12.09.05.01.00010301	1/4	1/4	2.12	1.07	0.93	0.77	1/2
12.09.05.01.00010302	3/8	1/4	2.40	1.20	1.01	0.91	5/8
12.09.05.01.00010303	3/8	3/8	2.62	1.31	1.12	1.02	13/16
12.09.05.01.00010304	1/2	1/4	2.84	1.42	1.12	1.02	13/16
12.09.05.01.00010305	1/2	3/8	2.86	1.43	1.31	1.03	7/8
12.09.05.01.00010306	3/4	3/4	3.14	1.57	1.46	1.17	1-1/16
12.09.05.01.00010307	1	3/4	3.88	1.94	1.64	1.45	1-3/8
12.09.05.01.00010308	1	1	3.88	1.94	1.84	1.45	1-3/8

CODICE CODE	Tube O.D. (mm)	NPT-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	D	L	R	W Hex
12.09.05.01.00010309	6	1/8	53.9	27.0	18.8	19.6	9.7	1/2
12.09.05.01.00010310	6	1/4	53.9	27.0	23.4	19.6	14.2	1/2
12.09.05.01.00010311	8	1/8	59.7	29.9	20.8	22.4	9.7	5/8
12.09.05.01.00010312	8	1/4	59.7	29.9	25.4	22.4	14.2	5/8
12.09.05.01.00010313	10	1/4	67.0	33.5	28.2	25.9	14.2	13/16
12.09.05.01.00010314	10	1/2	67.0	33.5	28.2	25.9	14.2	13/16
12.09.05.01.00010315	12	1/4	72.0	36.0	28.2	25.9	14.2	13/16
12.09.05.01.00010316	12	3/8	72.0	36.0	28.2	25.9	14.2	13/16
12.09.05.01.00010317	12	1/2	72.0	36.0	33.0	25.9	19.0	13/16
12.09.05.01.00010318	16	1/2	77.6	38.8	35.8	28.7	19.1	1

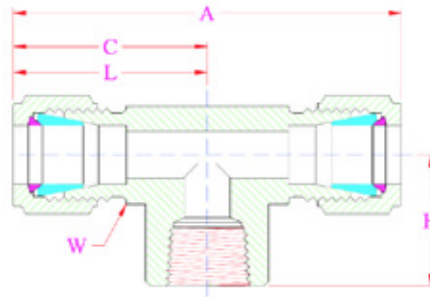
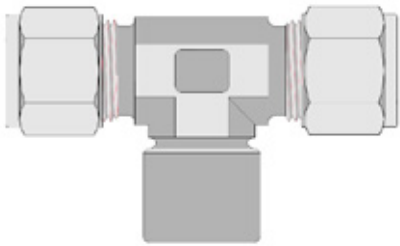


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

TEE DERIVATO FEMMINA  
FEMALE BRANCH TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-F Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			A	C	H	L	W Hex
12.09.05.01.00010319	1/8	1/8	1.91	1.01	0.75	0.70	1/2
12.09.05.01.00010320	1/4	1/8	2.12	1.06	0.75	0.77	1/2
12.09.05.01.00010321	1/4	1/4	2.34	1.17	0.88	0.88	11/16
12.09.05.01.00010322	3/8	1/4	2.46	1.23	0.88	0.94	11/16
12.09.05.01.00010323	1/2	1/4	2.84	1.42	0.88	1.02	13/16
12.09.05.01.00010324	1/2	3/8	2.84	1.42	0.88	1.02	7/8
12.09.05.01.00010325	1/2	1/2	3.06	1.53	1.13	1.13	1
12.09.05.01.00010326	.3/4	3/4	3.52	1.76	1.25	1.36	1-3/8
12.09.05.01.00010327	1	3/4	3.86	1.94	1.25	1.45	1-3/8
12.09.05.01.00010328	1	1	4.28	2.14	1.50	1.65	1-5/8

CODICE CODE	Tube O.D. (mm)	NPT-F Thread	DIMENSIONI (mm) DIMENSIONS (mm)				
			A	C	H	L	W Hex
12.09.05.01.00010329	6	1/8	53.9	27.0	19.0	19.6	1/2
12.09.05.01.00010330	6	1/4	59.5	29.8	22.4	22.4	11/16
12.09.05.01.00010331	8	1/4	59.7	29.9	19.0	22.4	5/8
12.09.05.01.00010332	10	1/4	67.0	33.5	22.4	25.9	13/16
12.09.05.01.00010333	12	1/8	72.0	36.0	22.3	25.9	13/16
12.09.05.01.00010334	12	1/4	72.0	36.0	22.3	25.9	13/16
12.09.05.01.00010335	12	3/8	72.0	36.0	22.4	25.9	13/16
12.09.05.01.00010336	12	1/2	77.6	38.8	28.5	28.7	1
12.09.05.01.00010337	16	1/2	77.6	38.8	28.4	28.7	1

Pneumatica  
Pneumatic

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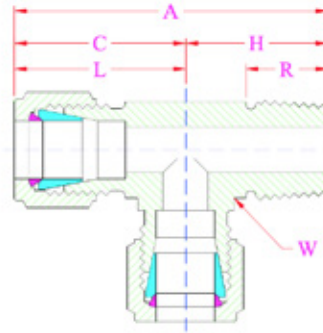
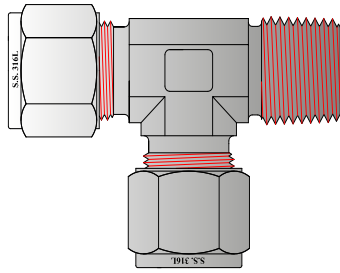


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TEE TERMINALE MASCHIO  
 MALE RUN TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			A	C	H	L	R	W Hex
12.09.05.01.00010338	1/8	1/4	1.89	0.97	0.93	0.70	0.56	9/16
12.09.05.01.00010339	1/8	1/8	1.63	0.93	0.71	0.66	0.38	7/16
12.09.05.01.00010340	1/4	1/8	1.80	1.06	0.74	0.77	0.38	1/2
12.09.05.01.00010341	1/4	1/4	1.98	1.06	0.93	0.77	0.56	1/2
12.09.05.01.00010342	3/8	1/4	2.20	1.20	1.01	0.91	0.56	5/8
12.09.05.01.00010343	3/8	3/8	2.42	1.31	1.12	1.02	0.56	13/16
12.09.05.01.00010344	1/2	3/8	2.53	1.42	1.12	1.02	0.56	13/16
12.09.05.01.00010345	1/2	1/2	2.72	1.42	1.31	1.02	0.75	7/8
12.09.05.01.00010346	3/4	3/4	3.02	1.57	1.46	1.17	0.75	1-1/16
12.09.05.01.00010347	1	3/4	3.59	1.94	1.65	1.45	0.75	1-3/8
12.09.05.01.00010348	1	1	3.78	1.94	1.84	1.45	0.94	1-3/8

CODICE CODE	Tube O.D. (mm)	NPT-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	H	L	R	W Hex
12.09.05.01.00010349	6	1/8	45.8	27.0	18.0	19.6	9.7	1/2
12.09.05.01.00010350	6	1/4	50.3	27.0	23.4	19.6	14.2	1/2
12.09.05.01.00010351	8	1/8	50.7	29.9	20.8	22.4	9.7	5/8
12.09.05.01.00010352	8	1/4	55.3	29.9	25.4	22.4	14.2	5/8
12.09.05.01.00010353	10	1/4	61.7	33.5	28.2	25.9	14.2	13/16
12.09.05.01.00010354	10	3/8	66.5	33.5	33.0	25.9	19.0	13/16
12.09.05.01.00010355	12	1/4	64.2	36.0	28.2	25.9	14.2	13/16
12.09.05.01.00010356	12	3/8	64.2	36.0	28.2	25.9	14.2	13/16
12.09.05.01.00010357	12	1/2	69.0	36.0	33.0	25.9	19.0	13/16
12.09.05.01.00010358	16	1/2	93.1	46.6	46.5	34.4	23.9	1-3/8

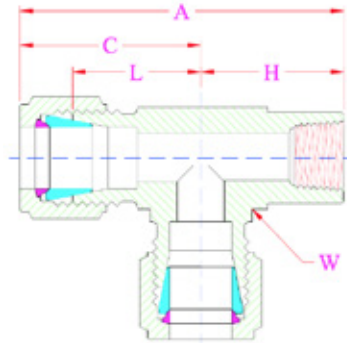
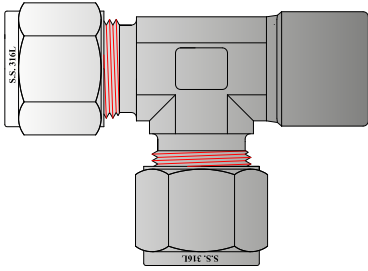


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TEE TERMINALE FEMMINA  
*FEMALE RUN TEE*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-F Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)				
			A	C	H	L	W Hex
12.09.05.01.00010359	1/8	1/8	1.72	0.96	0.75	0.70	1/2
12.09.05.01.00010360	1/4	1/8	1.81	1.06	0.75	0.77	1/2
12.09.05.01.00010361	1/4	1/4	2.05	1.17	0.88	0.88	11/16
12.09.05.01.00010362	3/8	1/4	2.11	1.23	0.88	0.94	11/16
12.09.05.01.00010363	1/2	1/4	2.56	1.42	0.88	1.02	13/16
12.09.05.01.00010364	1/2	3/8	2.30	1.42	0.88	1.02	7/8
12.09.05.01.00010365	1/2	1/2	2.66	1.53	1.13	1.13	1
12.09.05.01.00010366	3/4	1/2	3.01	1.76	1.25	1.36	1-3/8
12.09.05.01.00010367	3/4	3/4	3.01	1.76	1.25	1.36	1-3/8
12.09.05.01.00010368	7/8	1/2	3.01	1.76	1.25	1.36	1-3/8
12.09.05.01.00010369	1	3/4	3.18	1.93	1.25	1.45	1-3/8
12.09.05.01.00010370	1	1	3.52	2.02	1.50	1.65	1-3/8



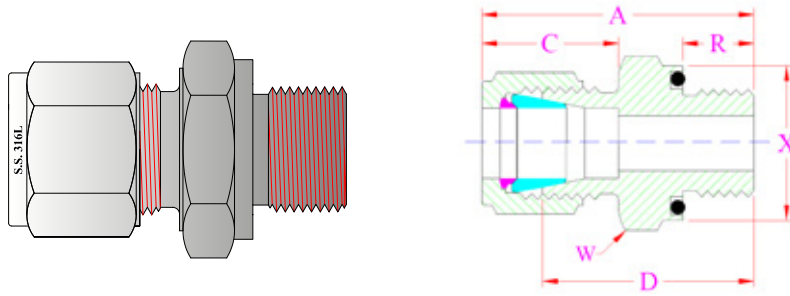


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

CONNETTORE CON TENUTA "O-RING" PER FILETTO BSPP  
"O-RING" SEAL MALE CONNECTOR FOR BSPP PIPE THREAD

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	BSPP-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			A	C	D	R	X	W Hex
12.09.05.01.00010371	1/4	1/4	1.48	0.70	1.19	0.47	0.74	3/4
12.09.05.01.00010372	1/4	1/2	1.76	0.70	1.38	0.55	1.04	1-1/16
12.09.05.01.00010373	3/8	3/8	1.60	0.76	1.31	0.47	0.86	7/8
12.09.05.01.00010374	1/2	1/4	1.69	0.86	1.31	0.47	0.74	13/16
12.09.05.01.00010375	1/2	3/8	1.69	0.86	1.31	0.47	0.86	7/8
12.09.05.01.00010376	1/2	1/2	1.85	0.86	1.47	0.55	1.04	1-1/16
12.09.05.01.00010377	3/4	3/4	1.98	0.86	1.59	0.63	1.25	1-5/16

CODICE CODE	Tube O.D. (mm)	BSPP-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	D	R	X	W Hex
12.09.05.01.00010378	6	1/8	32.5	17.7	25.0	7.9	13.7	14.0
12.09.05.01.00010379	6	1/4	38.2	17.7	30.7	11.9	18.8	19.0
12.09.05.01.00010380	6	3/8	39.5	17.7	32.0	11.9	21.8	22.0
12.09.05.01.00010381	6	1/2	44.5	17.7	37.0	14.0	26.4	27.0
12.09.05.01.00010382	10	1/4	40.0	19.5	32.3	11.9	18.8	19.0
12.09.05.01.00010383	10	3/8	41.1	19.5	38.1	11.9	21.8	22.0
12.09.05.01.00010384	10	1/2	46.0	19.5	38.4	14.0	26.4	27.0
12.09.05.01.00010385	12	1/4	43.1	22.0	33.0	11.9	18.8	22.0
12.09.05.01.00010386	12	3/8	43.6	22.0	33.5	11.9	21.8	22.0
12.09.05.01.00010387	12	1/2	48.5	22.0	38.5	14.0	26.4	27.0

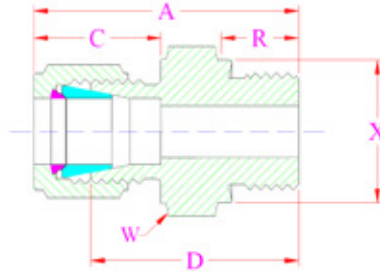
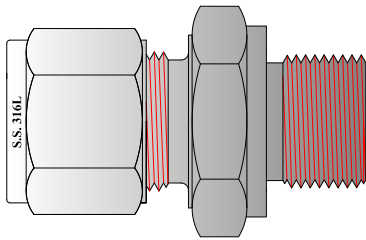


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

CONNETTORE AD INCISIONE PER FILETTO BSPP  
*ETCHING MALE CONNECTOR FOR BSPP PIPE THREAD*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	BSPP-M Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			A	C	D	R	X	W Hex
12.09.05.01.00010388	1/4	1/4	1.48	0.70	1.19	0.47	0.74	3/4
12.09.05.01.00010389	1/4	1/2	1.76	0.70	1.38	0.55	1.04	1-1/16
12.09.05.01.00010390	3/8	3/8	1.60	0.76	1.31	0.47	0.86	7/8
12.09.05.01.00010391	1/2	1/4	1.69	0.86	1.31	0.47	0.74	13/16
12.09.05.01.00010392	1/2	3/8	1.69	0.86	1.31	0.47	0.86	7/8
12.09.05.01.00010393	1/2	1/2	1.85	0.86	1.47	0.55	1.04	1-1/16
12.09.05.01.00010394	3/4	3/4	1.98	0.86	1.59	0.63	1.25	1-1/16

CODICE CODE	Tube O.D. (mm)	BSPP-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	D	R	X	W Hex
12.09.05.01.00010395	6	1/8	32.5	17.7	25.0	7.9	13.7	14.0
12.09.05.01.00010396	6	1/4	38.2	17.7	30.7	11.9	18.8	19.0
12.09.05.01.00010397	6	3/8	39.5	17.7	32.0	11.9	21.8	22.0
12.09.05.01.00010398	6	1/2	44.5	17.7	37.0	14.0	26.4	27.0
12.09.05.01.00010399	10	1/4	40.0	19.5	32.3	11.9	18.8	19.0
12.09.05.01.00010400	10	3/8	41.1	19.5	38.1	11.9	21.8	22.0
12.09.05.01.00010401	10	1/2	46.0	19.5	38.4	14.0	26.4	27.0
12.09.05.01.00010402	12	1/4	43.1	22.0	33.0	11.9	18.8	22.0
12.09.05.01.00010403	12	3/8	43.6	22.0	33.5	11.9	21.8	22.0
12.09.05.01.00010404	12	1/2	48.5	22.0	38.4	14.0	26.4	27.0

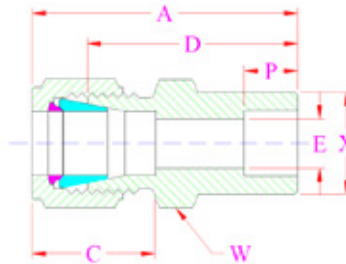
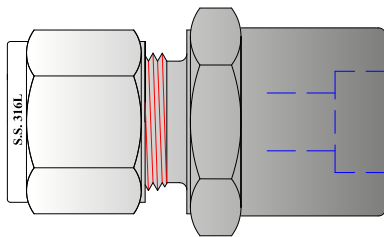


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE DIRITTO TASCA A SALDARE  
*SOCKET WELD CONNECTOR*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					W Hex
		A	C	D	P	X	
12.09.05.01.00010405	1/8	1.16	0.60	0.90	0.16	0.38	7/16
12.09.05.01.00010406	3/16	1.24	0.64	0.98	0.20	0.44	1/2
12.09.05.01.00010407	1/4	1.36	0.70	1.07	0.25	0.50	9/16
12.09.05.01.00010408	3/8	1.53	0.76	1.24	0.34	0.63	11/16
12.09.05.01.00010409	1/2	1.77	0.87	1.34	0.41	0.78	13/16
12.09.05.01.00010410	5/8	1.86	0.87	1.46	0.47	0.94	1
12.09.05.01.00010411	3/4	1.92	0.87	1.52	0.50	1.09	1-1/8
12.09.05.01.00010412	1	2.31	1.05	1.82	0.56	1.44	1-5/8

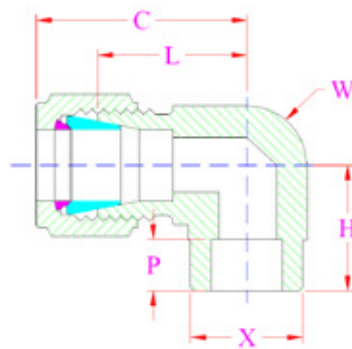
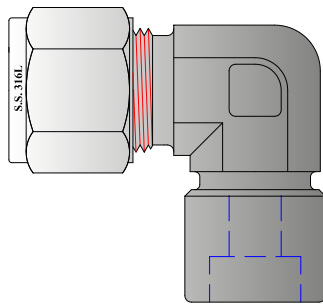


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

**TERMINALE GOMITO TASCA A SALDARE**  
**SOCKET WELD ELBOW CONNECTOR**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
		C	L	H	P	X	W Hex
12.09.05.01.00010413	1/8	0.92	0.66	0.63	0.16	0.38	5/16
12.09.05.01.00010414	3/16	0.98	0.72	0.69	0.20	0.44	7/16
12.09.05.01.00010415	1/4	1.06	0.78	0.84	0.25	0.50	9/16
12.09.05.01.00010416	3/8	1.31	1.02	1.08	0.34	0.63	3/4
12.09.05.01.00010417	1/2	1.42	1.02	1.14	0.41	0.76	3/4
12.09.05.01.00010418	5/8	1.57	1.17	1.35	0.49	0.94	1-1/16
12.09.05.01.00010419	3/4	1.57	1.17	1.39	0.50	1.09	1-1/16
12.09.05.01.00010420	1	1.93	1.65	1.84	0.56	1.38	1-5/8

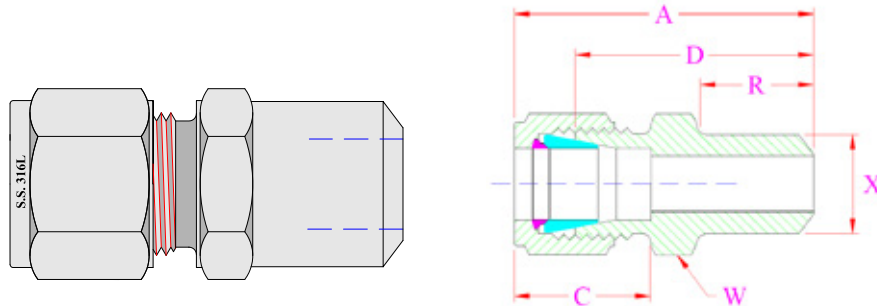


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TERMINALE DIRITTO A SALDARE DI TESTA  
*BUTTWELD CONNECTOR*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	BW PIPE SIZE	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			A	C	D	R	X	W Hex
12.09.05.01.00010421	1/8	1/8	1.20	0.60	0.94	0.38	0.405	7/16
12.09.05.01.00010422	3/16	1/8	1.24	0.61	0.97	0.38	0.405	7/16
12.09.05.01.00010423	1/4	1/8	1.29	0.66	1.00	0.38	0.405	1/2
12.09.05.01.00010424	1/4	1/4	1.46	0.66	1.17	0.56	0.540	9/16
12.09.05.01.00010425	5/16	1/8	1.48	0.73	1.22	0.38	0.405	1/2
12.09.05.01.00010426	5/16	1/4	1.49	0.73	1.23	0.56	0.540	9/16
12.09.05.01.00010427	3/8	1/4	1.49	0.70	1.20	0.56	0.540	9/16
12.09.05.01.00010428	3/8	3/8	1.60	0.70	1.31	0.56	0.675	3/4
12.09.05.01.00010429	3/8	1/2	1.82	0.70	1.53	0.75	0.840	7/8
12.09.05.01.00010430	3/8	3/4	1.88	0.70	1.59	0.75	1.050	1-1/8
12.09.05.01.00010431	1/2	3/8	1.71	0.84	1.31	0.56	0.675	13/16
12.09.05.01.00010432	1/2	1/2	1.90	0.84	1.50	0.75	0.840	7/8
12.09.05.01.00010433	1/2	3/4	1.96	0.84	1.56	0.75	1.050	1-1/16
12.09.05.01.00010434	5/8	1/2	1.93	0.87	1.53	0.75	0.840	15/16
12.09.05.01.00010435	3/4	3/4	1.99	0.87	1.59	0.75	1.050	7/8
12.09.05.01.00010436	1	1	2.46	0.96	1.97	0.94	1.310	1-1/16

CODICE CODE	Tube O.D. (mm)	BW PIPE SIZE	DIMENSIONI (mm) DIMENSIONS (mm)					
			A	C	D	R	X	W Hex
12.09.05.01.00010437	3	1/8	29.7	15.3	23.1	9.7	10.3	12.0
12.09.05.01.00010438	4	1/8	30.7	16.1	24.1	9.7	10.3	12.0
12.09.05.01.00010439	6	1/8	32.9	17.7	25.4	9.7	10.3	14.0
12.09.05.01.00010440	6	1/4	37.7	17.7	30.2	14.2	13.7	14.0
12.09.05.01.00010441	8	1/8	34.2	18.6	26.7	9.7	10.3	15.0
12.09.05.01.00010442	8	1/4	38.7	18.6	31.2	14.2	13.7	15.0
12.09.05.01.00010443	8	1/2	44.8	18.6	37.3	19.1	21.3	22.0
12.09.05.01.00010444	10	1/4	40.9	19.5	33.3	14.2	13.7	18.0
12.09.05.01.00010445	10	3/8	40.1	19.5	32.5	14.2	17.2	18.0
12.09.05.01.00010446	10	1/2	45.7	19.5	38.1	19.1	21.3	22.0
12.09.05.01.00010447	12	1/4	43.4	22.0	33.3	14.2	13.7	22.0
12.09.05.01.00010448	12	3/8	43.4	22.0	33.3	14.2	17.2	22.0
12.09.05.01.00010449	12	1/2	48.2	22.0	38.1	19.1	21.3	22.0
12.09.05.01.00010450	16	1/2	49.0	22.0	38.9	19.1	21.3	24.0
12.09.05.01.00010451	18	1/2	50.5	22.0	40.4	19.1	21.3	27.0

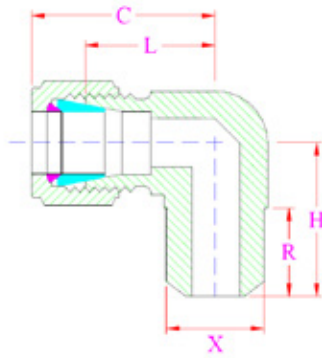
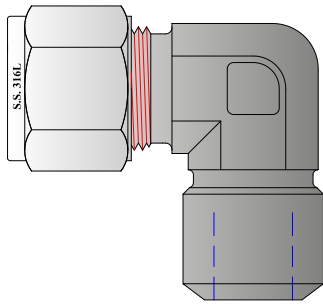


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

**TERMINALE GOMITO A SALDARE DI TESTA**  
**BUTTWELD ELBOW CONNECTOR**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	BW PIPE SIZE	DIMENSIONI (Pollici) DIMENSIONS (Inch.)					
			C	H	L	R	X	W Hex
12.09.05.01.00010452	1/8	1/8	0.93	0.70	0.67	0.38	0.405	7/16
12.09.05.01.00010453	3/16	1/8	1.01	0.74	0.74	0.38	0.405	7/16
12.09.05.01.00010454	1/4	1/8	1.06	0.74	0.77	0.38	0.405	7/16
12.09.05.01.00010455	1/4	1/4	1.10	0.97	0.78	0.56	0.540	9/16
12.09.05.01.00010456	3/8	1/4	1.20	1.00	0.91	0.56	0.540	5/8
12.09.05.01.00010457	1/2	3/8	1.42	1.11	1.02	0.56	0.675	13/16
12.09.05.01.00010458	1/2	1/2	1.42	1.30	1.02	0.75	0.840	7/8
12.09.05.01.00010459	5/8	1/2	1.50	1.39	1.10	0.75	0.840	15/16
12.09.05.01.00010460	3/4	3/4	1.57	1.45	1.17	0.75	1.050	1-1/16
12.09.05.01.00010461	1	3/4	1.94	1.64	1.45	0.75	1.050	1-3/8
12.09.05.01.00010462	1	1	1.94	1.84	1.45	0.94	1.315	1-5/16

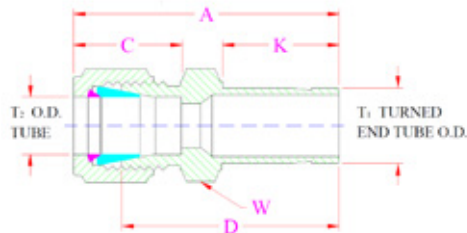
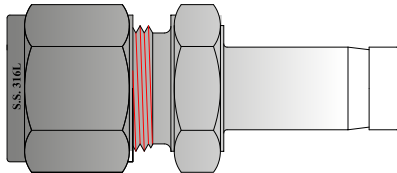


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

RIDUZIONE  
 REDUCER

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube 1	Tube 2	DIMENSIONI (mm)				
	O.D.	O.D.	A	C	D	K	W Hex
	(mm)	(mm)					
12.09.05.01.00010463	3	2	34.3	15.3	27.7	13.5	14.0
12.09.05.01.00010464	3	6	37.0	17.7	29.5	13.5	14.0
12.09.05.01.00010465	4	3	35.0	15.3	28.4	14.3	12.0
12.09.05.01.00010466	6	3	36.1	15.3	29.5	15.9	12.0
12.09.05.01.00010467	6	4	37.1	16.1	30.5	15.9	12.0
12.09.05.01.00010468	6	8	40.0	18.6	32.5	15.9	15.0
12.09.05.01.00010469	6	10	41.7	19.5	34.1	15.9	18.0
12.09.05.01.00010470	6	12	44.9	22.0	34.8	15.9	22.0
12.09.05.01.00010471	8	6	40.0	17.7	32.5	16.7	14.0
12.09.05.01.00010472	8	10	43.4	19.5	35.8	15.3	19.5
12.09.05.01.00010473	10	3	38.6	15.3	32.0	17.7	15.3
12.09.05.01.00010474	10	6	40.8	17.7	33.3	17.5	14.0
12.09.05.01.00010475	10	8	42.0	18.6	34.5	17.5	15.0
12.09.05.01.00010476	10	12	46.6	22.0	36.5	17.5	22.0
12.09.05.01.00010477	12	6	46.4	17.7	38.9	23.0	14.0
12.09.05.01.00010478	12	8	47.6	18.6	40.1	23.0	15.0
12.09.05.01.00010479	12	10	49.7	19.5	42.1	23.0	18.0
12.09.05.01.00010480	12	16	53.0	22.0	42.9	23.0	24.0
12.09.05.01.00010481	12	18	54.6	22.0	44.5	23.0	27.0
12.09.05.01.00010482	16	12	53.8	22.0	43.7	24.6	22.0
12.09.05.01.00010483	16	18	56.1	22.0	46.0	24.6	27.0
12.09.05.01.00010484	16	20	57.9	22.0	47.8	24.6	27.0
12.09.05.01.00010485	16	25	63.2	26.5	51.0	24.8	26.5
12.09.05.01.00010486	18	12	53.8	22.0	43.7	24.6	22.0
12.09.05.01.00010487	18	16	54.7	22.0	44.6	24.8	22.0
12.09.05.01.00010488	18	20	57.9	22.0	47.8	24.6	30.0
12.09.05.01.00010489	18	25	63.1	26.5	50.8	24.6	35.0
12.09.05.01.00010490	20	12	56.1	22.0	46.0	25.4	22.0
12.09.05.01.00010491	20	16	55.3	22.0	45.2	25.6	22.0
12.09.05.01.00010492	20	18	57.6	22.0	47.5	25.4	27.0
12.09.05.01.00010493	20	25	64.5	26.5	52.3	25.4	35.0
12.09.05.01.00010494	22	18	56.1	22.0	46.0	26.2	27.0
12.09.05.01.00010495	22	20	57.7	22.0	47.6	26.2	30.0
12.09.05.01.00010496	25	12	60.9	22.0	50.8	31.8	27.0
12.09.05.01.00010497	25	16	64.0	22.0	51.8	32.0	22.0
12.09.05.01.00010498	25	18	62.5	22.0	52.4	31.8	27.0
12.09.05.01.00010499	25	20	64.2	22.0	54.1	31.8	30.0

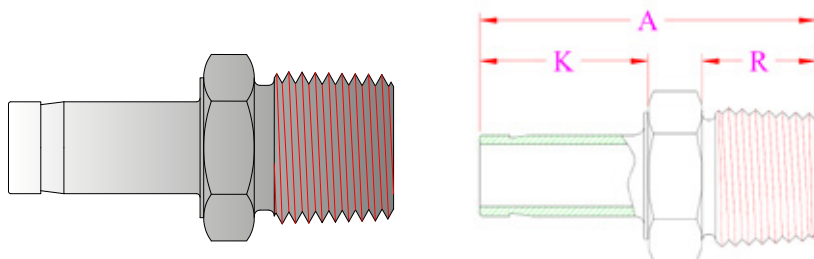


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

**ADATTATORE MASCHIO**  
**MALE ADAPTER**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D.	NPT-M	DIMENSIONI (Pollici)			
	(Inches)	Thread	A	R	K	W Hex
12.09.05.01.00010500	1/16	1/8	1.00	0.38	0.38	7/16
12.09.05.01.00010501	1/8	1/8	1.16	0.38	0.54	7/16
12.09.05.01.00010502	1/8	1/4	1.38	0.56	0.54	9/16
12.09.05.01.00010503	3/16	1/8	1.20	0.38	0.58	7/16
12.09.05.01.00010504	3/16	1/4	1.42	0.56	0.58	9/16
12.09.05.01.00010505	1/4	1/8	1.25	0.38	0.63	7/16
12.09.05.01.00010506	1/4	1/4	1.46	0.56	0.63	9/16
12.09.05.01.00010507	1/4	3/8	1.49	0.56	0.63	11/16
12.09.05.01.00010508	1/4	1/2	1.71	0.75	0.63	7/8
12.09.05.01.00010509	5/16	1/8	1.29	0.38	0.66	7/16
12.09.05.01.00010510	5/16	1/4	1.50	0.56	0.66	9/16
12.09.05.01.00010511	5/16	3/8	1.53	0.56	0.66	11/16
12.09.05.01.00010512	5/16	1/2	1.74	0.75	0.66	7/8
12.09.05.01.00010513	3/8	1/8	1.32	0.38	0.69	7/16
12.09.05.01.00010514	3/8	1/4	1.53	0.56	0.69	9/16
12.09.05.01.00010515	3/8	3/8	1.56	0.56	0.69	11/16
12.09.05.01.00010516	3/8	1/2	1.78	0.75	0.69	7/8
12.09.05.01.00010517	1/2	1/4	1.75	0.56	0.91	9/16
12.09.05.01.00010518	1/2	3/8	1.78	0.56	0.91	11/16
12.09.05.01.00010519	1/2	1/2	2.00	0.75	0.91	7/8
12.09.05.01.00010520	5/8	1/2	2.06	0.75	0.97	7/8
12.09.05.01.00010521	3/4	1/2	2.06	0.75	0.97	7/8
12.09.05.01.00010522	3/4	3/4	2.06	0.75	0.97	1-1/16
12.09.05.01.00010523	3/4	1	2.41	0.94	0.97	1-3/8
12.09.05.01.00010524	1	3/4	2.31	0.75	1.22	1-1/16
12.09.05.01.00010525	1	1	2.68	0.94	1.22	1-3/8



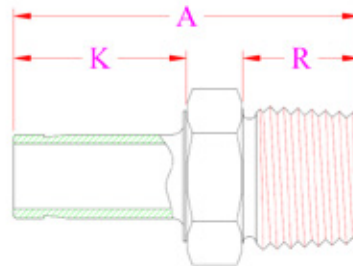
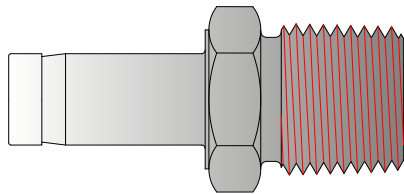


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

ADATTATORE MASCHIO  
 MALE ADAPTER

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (mm)	NPT-M Thread	DIMENSIONI (mm) DIMENSIONS (mm)			
			A	K	R	W Hex
12.09.05.01.00010526	3	1/8	29.4	13.5	9.7	12.0
12.09.05.01.00010527	4	1/8	29.4	14.3	9.7	12.0
12.09.05.01.00010528	6	1/8	31.0	15.9	9.7	12.0
12.09.05.01.00010529	6	1/4	35.7	15.9	14.2	14.0
12.09.05.01.00010530	6	3/8	36.5	16.1	14.2	18.0
12.09.05.01.00010531	6	1/2	42.1	16.1	19.1	22.0
12.09.05.01.00010532	8	1/4	37.3	16.7	14.2	14.0
12.09.05.01.00010533	8	3/8	38.1	16.7	14.2	12.0
12.09.05.01.00010534	10	1/4	38.1	17.5	14.2	14.0
12.09.05.01.00010535	10	3/8	43.7	17.5	14.2	18.0
12.09.05.01.00010536	10	1/2	44.5	17.5	19.1	22.0
12.09.05.01.00010537	12	1/4	43.7	23.0	14.2	14.0
12.09.05.01.00010538	12	3/8	44.5	23.0	14.2	27.0
12.09.05.01.00010539	12	1/2	49.2	23.0	19.1	22.0
12.09.05.01.00010540	16	1/2	50.8	24.6	19.1	22.0
12.09.05.01.00010541	16	3/4	51.6	24.6	19.1	27.0
12.09.05.01.00010542	18	1/2	50.8	24.6	19.1	22.0
12.09.05.01.00010543	18	3/4	51.6	24.6	19.1	27.0
12.09.05.01.00010544	20	1/2	51.8	25.6	19.1	22.0
12.09.05.01.00010545	20	3/4	52.4	25.4	19.1	27.0
12.09.05.01.00010546	25	1	65.9	31.8	23.9	35.0

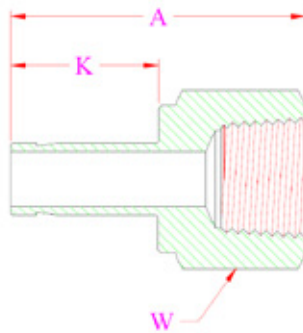
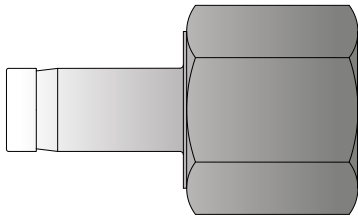


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

ADATTATORE FEMMINA  
 FEMALE ADAPTER

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	NPT-F Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)		
			A	K	W Hex
12.09.05.01.00010547	1/16	1/8	1.07	0.34	9/16
12.09.05.01.00010548	1/8	1/8	1.23	0.53	9/16
12.09.05.01.00010549	1/8	1/4	1.38	0.53	3/4
12.09.05.01.00010550	3/16	1/8	1.25	0.56	9/16
12.09.05.01.00010551	3/16	1/4	1.42	0.56	3/4
12.09.05.01.00010552	1/4	1/8	1.31	0.63	9/16
12.09.05.01.00010553	1/4	1/4	1.47	0.63	3/4
12.09.05.01.00010554	1/4	3/8	1.56	0.63	7/8
12.09.05.01.00010555	1/4	1/2	1.80	0.63	1-1/16
12.09.05.01.00010556	5/16	1/8	1.34	0.66	9/16
12.09.05.01.00010557	5/16	1/4	1.50	0.66	3/4
12.09.05.01.00010558	5/16	3/8	1.59	0.66	7/8
12.09.05.01.00010559	3/8	1/8	1.36	0.69	9/16
12.09.05.01.00010560	3/8	1/4	1.55	0.69	3/4
12.09.05.01.00010561	3/8	3/8	1.59	0.69	7/8
12.09.05.01.00010562	3/8	1/2	1.84	0.69	1-1/16
12.09.05.01.00010563	1/2	1/4	1.72	0.91	3/4
12.09.05.01.00010564	1/2	3/8	1.80	0.91	7/8
12.09.05.01.00010565	1/2	1/2	2.10	0.91	1-1/16
12.09.05.01.00010566	5/8	3/8	1.86	0.97	7/8
12.09.05.01.00010567	5/8	1/2	2.09	0.97	1-1/16
12.09.05.01.00010568	3/4	1/2	2.10	0.97	1-1/16
12.09.05.01.00010569	3/4	3/4	2.16	0.97	1-1/4
12.09.05.01.00010570	3/4	1	2.30	0.97	1-5/8
12.09.05.01.00010571	7/8	3/4	2.22	1.02	1-5/16
12.09.05.01.00010572	1	3/4	2.41	1.22	1-5/16
12.09.05.01.00010573	1	1	2.54	1.22	1-5/8

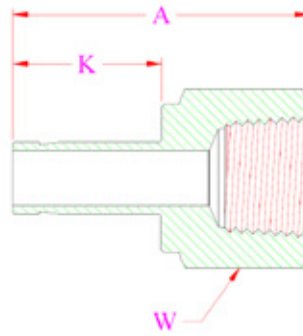
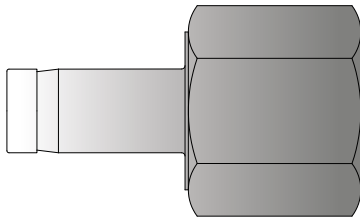


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

ADATTATORE FEMMINA  
 FEMALE ADAPTER

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (mm)	NPT-F Thread	DIMENSIONI (mm) DIMENSIONS (mm)		
			A	K	W Hex
12.09.05.01.00010574	3	1/8	31.3	13.5	14.0
12.09.05.01.00010575	4	1/8	29.4	14.3	14.0
12.09.05.01.00010576	6	1/8	29.4	15.9	14.0
12.09.05.01.00010577	6	1/4	34.1	15.9	19.0
12.09.05.01.00010578	8	1/8	35.5	16.7	14.0
12.09.05.01.00010579	8	1/4	35.1	16.7	19.0
12.09.05.01.00010580	8	3/8	36.5	16.7	22.0
12.09.05.01.00010581	10	1/4	37.3	17.5	19.0
12.09.05.01.00010582	10	3/8	37.3	17.5	22.0
12.09.05.01.00010583	10	1/2	42.1	17.5	27.0
12.09.05.01.00010584	12	1/4	41.3	23.0	19.0
12.09.05.01.00010585	12	3/8	42.9	23.0	22.0
12.09.05.01.00010586	12	1/2	47.6	23.0	27.0
12.09.05.01.00010587	16	1/2	49.2	24.6	27.0
12.09.05.01.00010588	18	3/4	52.4	24.6	33.0
12.09.05.01.00010589	20	1/2	50.0	25.6	27.0
12.09.05.01.00010590	20	3/4	53.2	25.4	33.0
12.09.05.01.00010591	25	1	66.7	31.8	41.0

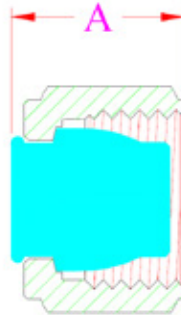
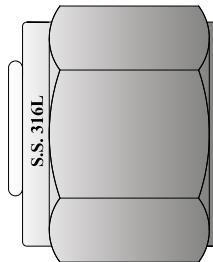


Raccordi a compressione a doppia ogiva  
*Twin ferrules compression fittings*

TAPPO PER RACCORDO  
 PLUG FOR FITTING

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D.	Thread	DIMENSIONI (Pollici) DIMENSIONS (Inch.)	
	(Inches)		A	W Hex
12.09.05.01.00010592	1/16	10-32	0.31	5/16
12.09.05.01.00010593	1/8	5/16-20	0.47	7/16
12.09.05.01.00010594	3/16	3/8-20	0.47	1/2
12.09.05.01.00010595	1/4	7/16-20	0.50	9/16
12.09.05.01.00010596	5/16	1/2-20	0.53	5/8
12.09.05.01.00010597	3/8	9/16-20	0.56	11/16
12.09.05.01.00010598	1/2	3/4-20	0.69	7/8
12.09.05.01.00010599	5/8	7/8-20	0.69	1
12.09.05.01.00010600	3/4	1-20	0.69	1-1/8
12.09.05.01.00010601	7/8	1-1/8-20	0.69	1-1/4
12.09.05.01.00010602	1	1-5/16-20	0.81	1-1/2

CODICE CODE	Tube O.D.	Thread	DIMENSIONI (mm) DIMENSIONS (mm)	
	(mm)		A	W Hex
12.09.05.01.00010603	2	5/16-20	11.9	12.0
12.09.05.01.00010604	3	5/16-20	11.9	12.0
12.09.05.01.00010605	4	3/8-20	11.9	12.0
12.09.05.01.00010606	6	7/16-20	12.7	14.0
12.09.05.01.00010607	8	1/2-20	13.5	16.0
12.09.05.01.00010608	10	5/8-20	15.1	19.0
12.09.05.01.00010609	12	3/4-20	17.5	22.0
12.09.05.01.00010610	14	7/8-20	17.5	25.0
12.09.05.01.00010611	16	7/8-20	17.5	25.0
12.09.05.01.00010612	18	1-20	17.5	30.0
12.09.05.01.00010613	20	1-1/8-20	17.5	32.0
12.09.05.01.00010614	22	1-1/8-20	17.5	32.0
12.09.05.01.00010615	25	1-5/16-20	20.6	38.0

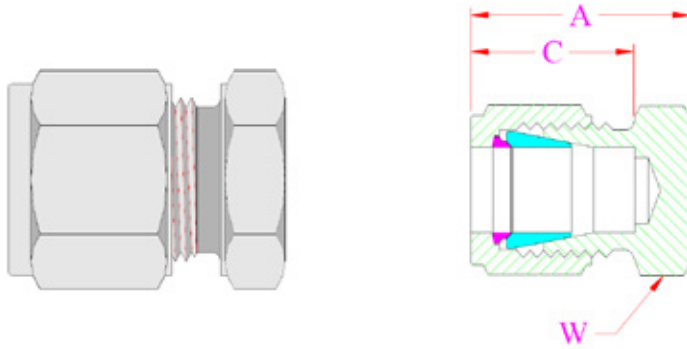


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

TAPPO PER TUBO  
PLUG FOR TUBE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D. (Inches)	DIMENSIONI (Pollici) DIMENSIONS (Inch.)		
		A	C	W Hex
12.09.05.01.00010616	1/16	0.56	0.43	5/16
12.09.05.01.00010617	1/8	0.79	0.60	7/16
12.09.05.01.00010618	3/16	0.84	0.64	7/16
12.09.05.01.00010619	1/4	0.92	0.70	1/2
12.09.05.01.00010620	5/16	0.96	0.73	9/16
12.09.05.01.00010621	3/8	1.01	0.76	5/8
12.09.05.01.00010622	1/2	1.15	0.87	13/16
12.09.05.01.00010623	5/8	1.18	0.87	15/16
12.09.05.01.00010624	3/4	1.25	0.87	1-1/16
12.09.05.01.00010625	7/8	1.31	0.87	1-3/16
12.09.05.01.00010626	1	1.52	1.05	1-3/8

CODICE CODE	Tube O.D. (mm)	DIMENSIONI (mm) DIMENSIONS (mm)		
		A	C	W Hex
12.09.05.01.00010627	2	13.5	15.3	12.0
12.09.05.01.00010628	3	13.5	15.3	12.0
12.09.05.01.00010629	4	14.3	16.1	12.0
12.09.05.01.00010630	6	15.9	17.7	14.0
12.09.05.01.00010631	8	17.1	18.6	15.0
12.09.05.01.00010632	10	19.1	19.5	18.0
12.09.05.01.00010633	12	19.1	22.0	22.0
12.09.05.01.00010634	14	19.8	22.0	24.0
12.09.05.01.00010635	16	19.8	22.0	24.0
12.09.05.01.00010636	18	21.3	22.0	27.0
12.09.05.01.00010637	20	23.9	22.0	30.0
12.09.05.01.00010638	22	23.9	22.0	30.0
12.09.05.01.00010639	25	26.2	26.5	35.0

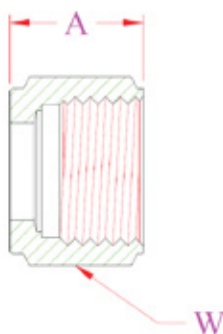
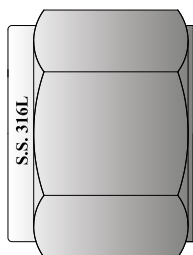


Raccordi a compressione a doppia ogiva  
Twin ferrules compression fittings

DADO PER RACCORDO A COMPRESIONE  
NUT FOR COMPRESSION FITTING

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	Tube O.D.	DADO NUT	DIMENSIONI (Pollici) DIMENSIONS (Inch.)	
	(Inches)	Filettatura UN / UN Thread	A	W Hex
12.09.05.01.00010640	1/16	10-32 UNF	0.31	5/16
12.09.05.01.00010641	1/8	5/16 - 20 UN	0.47	7/16
12.09.05.01.00010642	3/16	3/8 - 20 UN	0.47	1/2
12.09.05.01.00010643	1/4	7/16-20 UNF	0.50	9/16
12.09.05.01.00010644	5/16	1/2-20 UNF	0.53	5/8
12.09.05.01.00010645	3/8	9/16-20 UN	0.56	11/16
12.09.05.01.00010646	1/2	3/4-20 UNEF	0.69	7/8
12.09.05.01.00010647	5/8	7/8-20 UNEF	0.69	1
12.09.05.01.00010648	3/4	1-20 UNEF	0.69	1-1/8
12.09.05.01.00010649	7/8	1.1/8-20 UN	0.69	1-1/4
12.09.05.01.00010650	1	1.5/16-20 UN	0.81	1-1/2

CODICE CODE	Tube O.D.	DADO NUT	DIMENSIONI (mm) DIMENSIONS (mm)	
	(mm)	Filettatura UN / UN Thread	A	W Hex
12.09.05.01.00010651	2	5/16 - 20 UN	11.9	12.0
12.09.05.01.00010652	3	5/16 - 20 UN	11.9	12.0
12.09.05.01.00010653	4	3/8 - 20 UN	11.9	12.0
12.09.05.01.00010654	6	7/16-20 UNF	12.7	14.0
12.09.05.01.00010655	8	1/2-20 UNF	13.5	16.0
12.09.05.01.00010656	10	5/8-20 UN	15.1	19.0
12.09.05.01.00010657	12	3/4-20 UNEF	17.5	22.0
12.09.05.01.00010658	15	7/8-20 UNEF	17.5	25.0
12.09.05.01.00010659	14	7/8-20 UNEF	17.5	25.0
12.09.05.01.00010660	16	7/8-20 UNEF	17.5	25.0
12.09.05.01.00010661	18	1-20 UNEF	17.5	30.0
12.09.05.01.00010662	20	1.1/8-20 UN	17.5	32.0
12.09.05.01.00010663	22	1.1/8-20 UN	17.5	32.0
12.09.05.01.00010664	25	1.5/16-20 UN	20.6	38.0

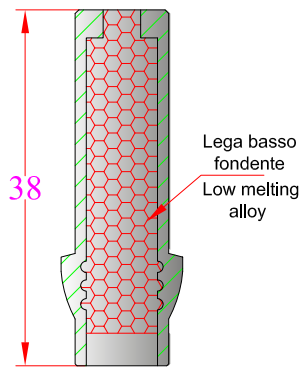
Pneumatica  
Pneumatic

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Tappi fusibili  
Fire sensor

### TAPPO FUSIBILE A COMPRESIONE COMPRESSION FIRE SENSOR



I tappi fusibili sono impiegati nei sistemi pneumatici di rivelazione incendi.

Con l'utilizzo dei tappi fusibili si ottiene un validissimo sistema di rivelazione incendi, di facile installazione, della massima sicurezza ed esente da qualsiasi manutenzione.

L'elemento fusibile è costituito da una lega basso fondente contenente bismuto, stagno e piombo avente le seguenti principali caratteristiche:

*The fire sensor fuses are utilized in the pneumatic fire detection systems.*

*Using the fire sensors we can realise a valid fire detection systems, of easy installation, free from any maintenance and of the maximum safety.*

*The fuse element has constituted by a low melting alloy containing bismuth, tin and lead having the following characteristics:*

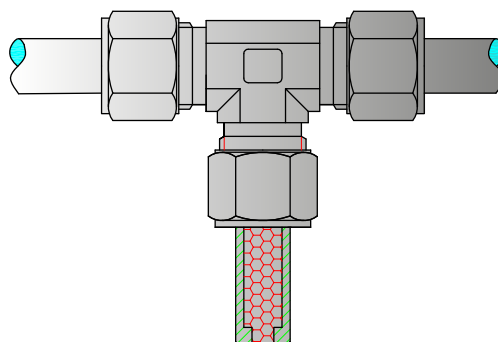
**Material:** 316/316L

**Materiale:** 316/316L

CODICE CODE	PIPE DIAMETER	PUNTO DI FUSIONE MELT POINT	PESO SPECIFICO SPECIFIC WEIGHT	CONDUTTIVITA' TERMICA THERMIC CONDUCTIVITY	RESISTENZA ALLA TRAZIONE YIELD STRENGTH
12.12.05.01.00010001	Ø 10	70 °C - 74 °C	9.67 g/cm <sup>3</sup>	0.043 Cal/s cm <sup>2</sup> °C	0.70-1.16 Kg/mm <sup>2</sup>
12.12.05.01.00010002	Ø 10	96 °C - 100 °C	9.85 g/cm <sup>3</sup>	0.030 Cal/s cm <sup>2</sup> °C	0.88-1.94 Kg/mm <sup>2</sup>
12.12.05.01.00010003	Ø 3/8"	70 °C - 74 °C	9.67 g/cm <sup>3</sup>	0.043 Cal/s cm <sup>2</sup> °C	0.70-1.16 Kg/mm <sup>2</sup>
12.12.05.01.00010004	Ø 3/8"	96 °C - 100 °C	9.85 g/cm <sup>3</sup>	0.030 Cal/s cm <sup>2</sup> °C	0.88-1.94 Kg/mm <sup>2</sup>

A richiesta è possibile fornire tappi fusibili con punti di fusione più elevati.  
*On request is possible supply fire sensor with higher melt points.*

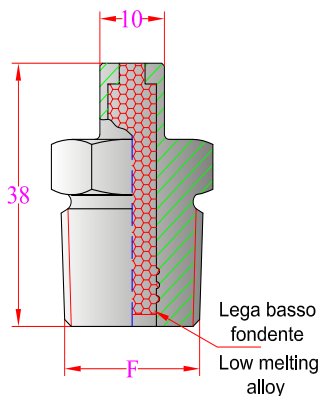
### ESEMPIO DI INSTALLAZIONE EXAMPLE OF INSTALLATION





Tappi fusibili  
Fire sensor

### TAPPO FUSIBILE MASCHIO MALE FIRE SENSOR



I tappi fusibili sono impiegati nei sistemi pneumatici di rivelazione incendi.

Con l'utilizzo dei tappi fusibili si ottiene un validissimo sistema di rivelazione incendi, di facile installazione, della massima sicurezza ed esente da qualsiasi manutenzione.

L'elemento fusibile è costituito da una lega basso fondente contenente bismuto, stagno e piombo avente le seguenti principali caratteristiche:

**Materiale:** 316/316L

*The fire sensor fuses are utilized in the pneumatic fire detection systems.*

*Using the fire sensors we can realise a valid fire detection systems, of easy installation, free from any maintenance and of the maximum safety.*

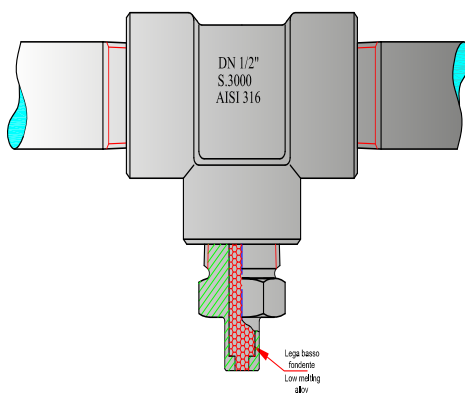
*The fuse element has constituted by a low melting alloy containing bismuth, tin and lead having the following characteristics:*

**Material:** 316/316L

CODICE CODE	PIPE DIAMETER	PUNTO DI FUSIONE MELT POINT	PESO SPECIFICO SPECIFIC WEIGHT	CONDUTTIVITA' TERMICA THERMIC CONDUCTIVITY	RESISTENZA ALLA TRAZIONE YIELD STRENGTH
12.12.05.01.00010005	Ø 1/2"	70 °C - 74 °C	9.67 g/cm <sup>3</sup>	0.043 Cal/s cm <sup>2</sup> °C	0.70-1.16 Kg/mm <sup>2</sup>
12.12.05.01.00010006	Ø 1/2"	96 °C - 100 °C	9.85 g/cm <sup>3</sup>	0.030 Cal/s cm <sup>2</sup> °C	0.88-1.94 Kg/mm <sup>2</sup>
12.12.05.01.00010007	Ø 3/8"	70 °C - 74 °C	9.67 g/cm <sup>3</sup>	0.043 Cal/s cm <sup>2</sup> °C	0.70-1.16 Kg/mm <sup>2</sup>
12.12.05.01.00010008	Ø 3/8"	96 °C - 100 °C	9.85 g/cm <sup>3</sup>	0.030 Cal/s cm <sup>2</sup> °C	0.88-1.94 Kg/mm <sup>2</sup>

A richiesta è possibile fornire tappi fusibili con punti di fusione più elevati.  
On request is possible supply fire sensor with higher melt points.

### ESEMPIO DI INSTALLAZIONE EXAMPLE OF INSTALLATION





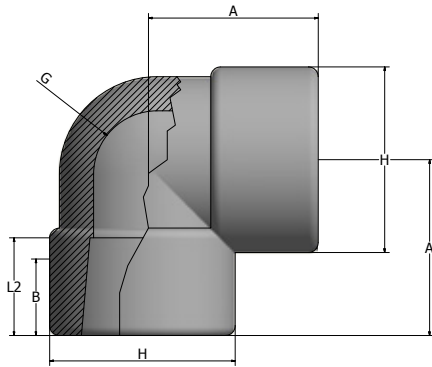


Raccorderia forgiata e da barra  
Forged and bar stock fittings

GOMITO 90° FEMMINA  
FEMALE ELBOW 90°

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-F	RAITING	DIMENSIONI (mm) DIMENSIONS (mm)					MATERIALE MATERIAL
			A	H	G	B	L <sub>2</sub>	
12.11.04.09.00010001	1/4"	3000	24.6	25.4	3.3	8.1	10.2	A105 Galvanized
12.11.04.09.00010002	3/8"	3000	28.5	33.3	3.5	9.1	10.4	A105 Galvanized
12.11.04.09.00010003	1/2"	3000	33.3	38.1	4.1	10.9	13.6	A105 Galvanized
12.11.04.09.00010004	3/4"	3000	38.1	46.0	4.3	12.7	13.9	A105 Galvanized
12.11.04.09.00010005	1"	3000	44.5	55.6	5.0	14.7	17.3	A105 Galvanized
12.11.04.09.00010006	1 1/4"	3000	50.8	62.0	5.3	17.0	17.9	A105 Galvanized
12.11.04.09.00010007	1 1/2"	3000	60.5	75.4	5.6	17.8	18.4	A105 Galvanized
12.11.04.09.00010008	2"	3000	63.5	84.1	7.1	19.0	19.2	A105 Galvanized
12.11.04.01.00010001	1/4"	3000	24.6	25.4	3.3	8.1	10.2	316/316L
12.11.04.01.00010002	3/8"	3000	28.5	33.3	3.5	9.1	10.4	316/316L
12.11.04.01.00010003	1/2"	3000	33.3	38.1	4.1	10.9	13.6	316/316L
12.11.04.01.00010004	3/4"	3000	38.1	46.0	4.3	12.7	13.9	316/316L
12.11.04.01.00010005	1"	3000	44.5	55.6	5.0	14.7	17.3	316/316L
12.11.04.01.00010006	1 1/4"	3000	50.8	62.0	5.3	17.0	17.9	316/316L
12.11.04.01.00010007	1 1/2"	3000	60.5	75.4	5.6	17.8	18.4	316/316L
12.11.04.01.00010008	2"	3000	63.5	84.1	7.1	19.0	19.2	316/316L
12.11.05.09.00010001	1/4"	6000	28.5	33.3	6.6	8.1	10.2	A105 Galvanized
12.11.05.09.00010002	3/8"	6000	33.3	38.1	7.0	9.1	10.4	A105 Galvanized
12.11.05.09.00010003	1/2"	6000	38.1	46.0	8.2	10.9	13.6	A105 Galvanized
12.11.05.09.00010004	3/4"	6000	44.5	55.6	8.5	12.7	13.9	A105 Galvanized
12.11.05.09.00010005	1"	6000	50.8	62.0	9.9	14.7	17.3	A105 Galvanized
12.11.05.09.00010006	1 1/4"	6000	60.5	75.4	10.6	17.0	17.9	A105 Galvanized
12.11.05.09.00010007	1 1/2"	6000	76.2	84.1	11.1	17.8	18.4	A105 Galvanized
12.11.05.09.00010008	2"	6000	82.6	101.6	12.1	19.0	19.2	A105 Galvanized
12.11.05.01.00010001	1/4"	6000	28.5	33.3	6.6	8.1	10.2	316/316L
12.11.05.01.00010002	3/8"	6000	33.3	38.1	7.0	9.1	10.4	316/316L
12.11.05.01.00010003	1/2"	6000	38.1	46.0	8.2	10.9	13.6	316/316L
12.11.05.01.00010004	3/4"	6000	44.5	55.6	8.5	12.7	13.9	316/316L
12.11.05.01.00010005	1"	6000	50.8	62.0	9.9	14.7	17.3	316/316L
12.11.05.01.00010006	1 1/4"	6000	60.5	75.4	10.6	17.0	17.9	316/316L
12.11.05.01.00010007	1 1/2"	6000	76.2	84.1	11.1	17.8	18.4	316/316L
12.11.05.01.00010008	2"	6000	82.6	101.6	12.1	19.0	19.2	316/316L

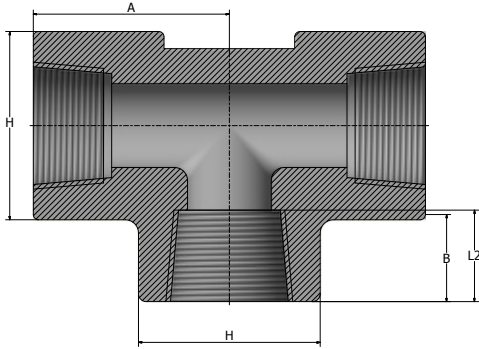


Raccorderia forgiata e da barra  
Forged and bar stock fittings

UNIONE A T FEMMINA  
FEMALE TEE

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-F	RAITING	DIMENSIONI (mm) DIMENSIONS (mm)				MATERIALE MATERIAL
			A	H	B	L <sub>2</sub>	
12.11.04.09.00010009	1/4"	3000	24.6	25.4	8.1	10.2	A105 Galvanized
12.11.04.09.00010010	3/8"	3000	28.5	33.3	9.1	10.4	A105 Galvanized
12.11.04.09.00010011	1/2"	3000	33.3	38.1	10.9	13.6	A105 Galvanized
12.11.04.09.00010012	3/4"	3000	38.1	46.0	12.7	13.9	A105 Galvanized
12.11.04.09.00010013	1"	3000	44.5	55.6	14.7	17.3	A105 Galvanized
12.11.04.09.00010014	1 1/4"	3000	50.8	62.0	17.0	17.9	A105 Galvanized
12.11.04.09.00010015	1 1/2"	3000	60.5	75.4	17.8	18.4	A105 Galvanized
12.11.04.09.00010016	2"	3000	63.5	84.1	19.0	19.2	A105 Galvanized
12.11.04.01.00010009	1/4"	3000	24.6	25.4	8.1	10.2	316/316L
12.11.04.01.00010010	3/8"	3000	28.5	33.3	9.1	10.4	316/316L
12.11.04.01.00010011	1/2"	3000	33.3	38.1	10.9	13.6	316/316L
12.11.04.01.00010012	3/4"	3000	38.1	46.0	12.7	13.9	316/316L
12.11.04.01.00010013	1"	3000	44.5	55.6	14.7	17.3	316/316L
12.11.04.01.00010014	1 1/4"	3000	50.8	62.0	17.0	17.9	316/316L
12.11.04.01.00010015	1 1/2"	3000	60.5	75.4	17.8	18.4	316/316L
12.11.04.01.00010016	2"	3000	63.5	84.1	19.0	19.2	316/316L
12.11.05.09.00010009	1/4"	6000	28.5	33.3	8.1	10.2	A105 Galvanized
12.11.05.09.00010010	3/8"	6000	33.3	38.1	9.1	10.4	A105 Galvanized
12.11.05.09.00010011	1/2"	6000	38.1	46.0	10.9	13.6	A105 Galvanized
12.11.05.09.00010012	3/4"	6000	44.5	55.6	12.7	13.9	A105 Galvanized
12.11.05.09.00010013	1"	6000	50.8	62.0	14.7	17.3	A105 Galvanized
12.11.05.09.00010014	1 1/4"	6000	60.5	75.4	17.0	17.9	A105 Galvanized
12.11.05.09.00010015	1 1/2"	6000	76.2	84.1	17.8	18.4	A105 Galvanized
12.11.05.09.00010016	2"	6000	82.6	101.6	19.0	19.2	A105 Galvanized
12.11.05.01.00010009	1/4"	6000	28.5	33.3	8.1	10.2	316/316L
12.11.05.01.00010010	3/8"	6000	33.3	38.1	9.1	10.4	316/316L
12.11.05.01.00010011	1/2"	6000	38.1	46.0	10.9	13.6	316/316L
12.11.05.01.00010012	3/4"	6000	44.5	55.6	12.7	13.9	316/316L
12.11.05.01.00010013	1"	6000	50.8	62.0	14.7	17.3	316/316L
12.11.05.01.00010014	1 1/4"	6000	60.5	75.4	17.0	17.9	316/316L
12.11.05.01.00010015	1 1/2"	6000	76.2	84.1	17.8	18.4	316/316L
12.11.05.01.00010016	2"	6000	82.6	101.6	19.0	19.2	316/316L

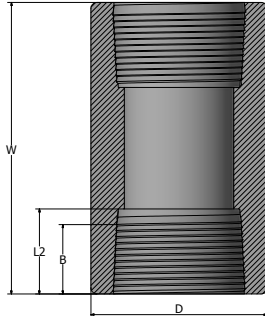
Pneumatica  
Pneumatic

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Raccorderia forgiata e da barra  
Forged and bar stock fittings

MANICOTTO FEMMINA/FEMMINA  
COUPLING FEMALE/FEMALE



Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799

CODICE CODE	NPT-F	RAITING	DIMENSIONI (mm) DIMENSIONS (mm)				MATERIALE MATERIAL
			D	W	B	L <sub>2</sub>	
12.11.04.09.00010017	1/4"	3000	19.0	35.0	8.1	10.2	A105 Galvanized
12.11.04.09.00010018	3/8"	3000	22.3	38.1	9.1	10.4	A105 Galvanized
12.11.04.09.00010019	1/2"	3000	28.5	47.7	10.9	13.6	A105 Galvanized
12.11.04.09.00010020	3/4"	3000	35.0	50.8	10.9	13.6	A105 Galvanized
12.11.04.09.00010021	1"	3000	44.5	60.4	14.7	17.3	A105 Galvanized
12.11.04.09.00010022	1"1/4	3000	57.1	66.5	17.0	17.9	A105 Galvanized
12.11.04.09.00010023	1"1/2	3000	63.5	79.2	17.8	18.4	A105 Galvanized
12.11.04.09.00010024	2"	3000	72.6	85.8	19.0	19.2	A105 Galvanized
12.11.04.01.00010017	1/4"	3000	19.0	35.0	8.1	10.2	316/316L
12.11.04.01.00010018	3/8"	3000	22.3	38.1	9.1	10.4	316/316L
12.11.04.01.00010019	1/2"	3000	28.5	47.7	10.9	13.6	316/316L
12.11.04.01.00010020	3/4"	3000	35.0	50.8	10.9	13.6	316/316L
12.11.04.01.00010021	1"	3000	44.5	60.4	14.7	17.3	316/316L
12.11.04.01.00010022	1"1/4	3000	57.1	66.5	17.0	17.9	316/316L
12.11.04.01.00010023	1"1/2	3000	63.5	79.2	17.8	18.4	316/316L
12.11.04.01.00010024	2"	3000	72.6	85.8	19.0	19.2	316/316L
12.11.05.09.00010017	1/4"	6000	25.4	35.0	8.1	10.2	A105 Galvanized
12.11.05.09.00010018	3/8"	6000	31.7	38.1	9.1	10.4	A105 Galvanized
12.11.05.09.00010019	1/2"	6000	38.1	47.7	10.9	13.6	A105 Galvanized
12.11.05.09.00010020	3/4"	6000	44.5	50.8	10.9	13.6	A105 Galvanized
12.11.05.09.00010021	1"	6000	57.1	60.4	14.7	17.3	A105 Galvanized
12.11.05.09.00010022	1"1/4	6000	63.5	66.5	17.0	17.9	A105 Galvanized
12.11.05.09.00010023	1"1/2	6000	76.2	79.2	17.8	18.4	A105 Galvanized
12.11.05.09.00010024	2"	6000	91.9	85.9	19.0	19.2	A105 Galvanized
12.11.05.01.00010017	1/4"	6000	25.4	35.0	8.1	10.2	316/316L
12.11.05.01.00010018	3/8"	6000	31.7	38.1	9.1	10.4	316/316L
12.11.05.01.00010019	1/2"	6000	38.1	47.7	10.9	13.6	316/316L
12.11.05.01.00010020	3/4"	6000	44.5	50.8	10.9	13.6	316/316L
12.11.05.01.00010021	1"	6000	57.1	60.4	14.7	17.3	316/316L
12.11.05.01.00010022	1"1/4	6000	63.5	66.5	17.0	17.9	316/316L
12.11.05.01.00010023	1"1/2	6000	76.2	79.2	17.8	18.4	316/316L
12.11.05.01.00010024	2"	6000	91.9	85.9	19.0	19.2	316/316L

A richiesta disponibile anche manicotto ridotto femmina/femmina  
On request swage coupling female/female available



Raccorderia forgiata e da barra  
Forged and bar stock fittings

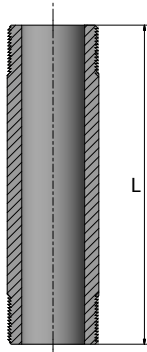
NIPPO DA TUBO MASCHIO/MASCHIO  
PIPE NIPPLE MALE/MALE

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799

Disponibili anche connessioni NPT x PE e  
PE x PE.

Other available connections NPT x PE  
and PE x PE.



CODICE CODE	NPT-M	SCHEDULE	L (mm)	MATERIALE MATERIAL
12.11.12.09.00010001	1/4"	40	50	A105 Galvanized
12.11.12.09.00010002	1/4"	40	100	A105 Galvanized
12.11.07.09.00010001	1/4"	80	50	A105 Galvanized
12.11.07.09.00010002	1/4"	80	100	A105 Galvanized
12.11.12.09.00010003	1/2"	40	50	A105 Galvanized
12.11.12.09.00010004	1/2"	40	100	A105 Galvanized
12.11.07.09.00010003	1/2"	80	50	A105 Galvanized
12.11.07.09.00010004	1/2"	80	100	A105 Galvanized
12.11.08.09.00010001	1/2"	160	50	A105 Galvanized
12.11.08.09.00010002	1/2"	160	100	A105 Galvanized
12.11.09.09.00010001	1/2"	XXS	50	A105 Galvanized
12.11.09.09.00010002	1/2"	XXS	100	A105 Galvanized
12.11.12.09.00010005	3/4"	40	100	A105 Galvanized
12.11.07.09.00010005	3/4"	80	100	A105 Galvanized
12.11.08.09.00010003	3/4"	160	100	A105 Galvanized
12.11.09.09.00010003	3/4"	XXS	100	A105 Galvanized
12.11.12.09.00010006	1"	40	100	A105 Galvanized
12.11.12.09.00010007	1"	40	150	A105 Galvanized
12.11.07.09.00010006	1"	80	100	A105 Galvanized
12.11.07.09.00010007	1"	80	150	A105 Galvanized
12.11.08.09.00010004	1"	160	100	A105 Galvanized
12.11.08.09.00010005	1"	160	150	A105 Galvanized
12.11.09.09.00010004	1"	XXS	100	A105 Galvanized
12.11.09.09.00010005	1"	XXS	150	A105 Galvanized
12.11.12.09.00010008	1"1/4	40	100	A105 Galvanized
12.11.12.09.00010009	1"1/4	40	150	A105 Galvanized
12.11.07.09.00010008	1"1/4	80	100	A105 Galvanized
12.11.07.09.00010009	1"1/4	80	150	A105 Galvanized
12.11.08.09.00010006	1"1/4	160	100	A105 Galvanized
12.11.08.09.00010007	1"1/4	160	150	A105 Galvanized
12.11.09.09.00010006	1"1/4	XXS	100	A105 Galvanized
12.11.09.09.00010007	1"1/4	XXS	150	A105 Galvanized
12.11.12.09.00010010	1"1/2	40	150	A105 Galvanized
12.11.12.09.00010011	1"1/2	40	200	A105 Galvanized
12.11.07.09.00010010	1"1/2	80	150	A105 Galvanized
12.11.07.09.00010011	1"1/2	80	200	A105 Galvanized
12.11.08.09.00010008	1"1/2	160	150	A105 Galvanized
12.11.08.09.00010009	1"1/2	160	200	A105 Galvanized
12.11.09.09.00010008	1"1/2	XXS	150	A105 Galvanized
12.11.09.09.00010009	1"1/2	XXS	200	A105 Galvanized



Raccorderia forgiata e da barra  
Forged and bar stock fittings

NIPPLO DA TUBO MASCHIO/MASCHIO  
PIPE NIPPLE MALE/MALE

CODICE CODE	NPT-M	SCHEDULE	L (mm)	MATERIALE MATERIAL
12.11.12.09.00010012	2"	40	150	A105 Galvanized
12.11.12.09.00010013	2"	40	200	A105 Galvanized
12.11.07.09.00010012	2"	80	150	A105 Galvanized
12.11.07.09.00010013	2"	80	200	A105 Galvanized
12.11.08.09.00010010	2"	160	150	A105 Galvanized
12.11.08.09.00010011	2"	160	200	A105 Galvanized
12.11.09.09.00010010	2"	XXS	150	A105 Galvanized
12.11.09.09.00010011	2"	XXS	200	A105 Galvanized
12.11.12.01.00010001	1/4"	40	50	316/316L
12.11.12.01.00010002	1/4"	40	100	316/316L
12.11.07.01.00010001	1/4"	80	50	316/316L
12.11.07.01.00010002	1/4"	80	100	316/316L
12.11.12.01.00010003	1/2"	40	50	316/316L
12.11.12.01.00010004	1/2"	40	100	316/316L
12.11.07.01.00010003	1/2"	80	50	316/316L
12.11.07.01.00010004	1/2"	80	100	316/316L
12.11.08.01.00010001	1/2"	160	50	316/316L
12.11.08.01.00010002	1/2"	160	100	316/316L
12.11.09.01.00010001	1/2"	XXS	50	316/316L
12.11.09.01.00010002	1/2"	XXS	100	316/316L
12.11.12.01.00010005	3/4"	40	100	316/316L
12.11.07.01.00010005	3/4"	80	100	316/316L
12.11.08.01.00010003	3/4"	160	100	316/316L
12.11.09.01.00010003	3/4"	XXS	100	316/316L
12.11.12.01.00010006	1"	40	100	316/316L
12.11.12.01.00010007	1"	40	150	316/316L
12.11.07.01.00010006	1"	80	100	316/316L
12.11.07.01.00010007	1"	80	150	316/316L
12.11.08.01.00010004	1"	160	100	316/316L
12.11.08.01.00010005	1"	160	150	316/316L
12.11.09.01.00010004	1"	XXS	100	316/316L
12.11.09.01.00010005	1"	XXS	150	316/316L
12.11.12.01.00010008	1"1/4	40	100	316/316L
12.11.12.01.00010009	1"1/4	40	150	316/316L
12.11.07.01.00010008	1"1/4	80	100	316/316L
12.11.07.01.00010009	1"1/4	80	150	316/316L
12.11.08.01.00010006	1"1/4	160	100	316/316L
12.11.08.01.00010007	1"1/4	160	150	316/316L
12.11.09.01.00010006	1"1/4	XXS	100	316/316L
12.11.09.01.00010007	1"1/4	XXS	150	316/316L
12.11.12.01.00010010	1"1/2	40	150	316/316L
12.11.12.01.00010011	1"1/2	40	200	316/316L
12.11.07.01.00010010	1"1/2	80	150	316/316L
12.11.07.01.00010011	1"1/2	80	200	316/316L
12.11.08.01.00010008	1"1/2	160	150	316/316L
12.11.08.01.00010009	1"1/2	160	200	316/316L
12.11.09.01.00010008	1"1/2	XXS	150	316/316L
12.11.09.01.00010009	1"1/2	XXS	200	316/316L



Raccorderia forgiata e da barra  
*Forged and bar stock fittings*

**NIPPO DA TUBO MASCHIO/MASCHIO**  
**PIPE NIPPLE MALE/MALE**

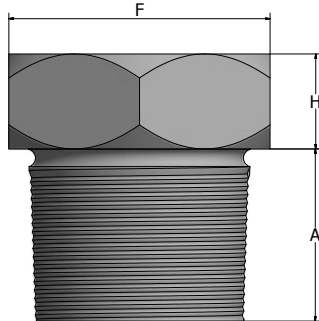
CODICE CODE	NPT-M	SCHEDULE	L (mm)	MATERIALE MATERIAL
12.11.12.01.00010012	2"	40	150	316/316L
12.11.12.01.00010013	2"	40	200	316/316L
12.11.07.01.00010012	2"	80	150	316/316L
12.11.07.01.00010013	2"	80	200	316/316L
12.11.08.01.00010010	2"	160	150	316/316L
12.11.08.01.00010011	2"	160	200	316/316L
12.11.09.01.00010010	2"	XXS	150	316/316L
12.11.09.01.00010011	2"	XXS	200	316/316L

A richiesta disponibile anche Niplo da tubo ridotto maschio/maschio  
*On request swage nipple male/male available*



Raccorderia forgiata e da barra  
Forged and bar stock fittings

TAPPO TESTA ESAGONALE MASCHIO  
MALE HEX HEAD PLUG



Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799

CODICE CODE	NPT-M	RATING	DIMENSIONI (mm) DIMENSIONS (mm)			MATERIALE MATERIAL
			A	H	F	
12.11.04.09.00010025	1/4"	3000	11.2	6.3	16.0	A105 Galvanized
12.11.04.09.00010026	3/8"	3000	12.7	7.9	17.5	A105 Galvanized
12.11.04.09.00010027	1/2"	3000	14.2	7.9	22.0	A105 Galvanized
12.11.04.09.00010028	3/4"	3000	15.7	9.6	27.0	A105 Galvanized
12.11.04.09.00010029	1"	3000	19.0	9.6	35.0	A105 Galvanized
12.11.04.09.00010030	1 1/4"	3000	20.6	14.2	44.5	A105 Galvanized
12.11.04.09.00010031	1 1/2"	3000	20.6	15.7	51.0	A105 Galvanized
12.11.04.09.00010032	2"	3000	22.3	17.5	63.5	A105 Galvanized
12.11.04.01.00010025	1/4"	3000	11.2	6.3	16.0	316/316L
12.11.04.01.00010026	3/8"	3000	12.7	7.9	17.5	316/316L
12.11.04.01.00010027	1/2"	3000	14.2	7.9	22.0	316/316L
12.11.04.01.00010028	3/4"	3000	15.7	9.6	27.0	316/316L
12.11.04.01.00010029	1"	3000	19.0	9.6	35.0	316/316L
12.11.04.01.00010030	1 1/4"	3000	20.6	14.2	44.5	316/316L
12.11.04.01.00010031	1 1/2"	3000	20.6	15.7	51.0	316/316L
12.11.04.01.00010032	2"	3000	22.3	17.5	63.5	316/316L
12.11.05.09.00010025	1/4"	6000	11.2	6.3	16.0	A105 Galvanized
12.11.05.09.00010026	3/8"	6000	12.7	7.9	17.5	A105 Galvanized
12.11.05.09.00010027	1/2"	6000	14.2	7.9	22.0	A105 Galvanized
12.11.05.09.00010028	3/4"	6000	15.7	9.6	27.0	A105 Galvanized
12.11.05.09.00010029	1"	6000	19.0	9.6	35.0	A105 Galvanized
12.11.05.09.00010030	1 1/4"	6000	20.6	14.2	44.5	A105 Galvanized
12.11.05.09.00010031	1 1/2"	6000	20.6	15.7	51.0	A105 Galvanized
12.11.05.09.00010032	2"	6000	22.3	17.5	63.5	A105 Galvanized
12.11.05.01.00010025	1/4"	6000	11.2	6.3	16.0	316/316L
12.11.05.01.00010026	3/8"	6000	12.7	7.9	17.5	316/316L
12.11.05.01.00010027	1/2"	6000	14.2	7.9	22.0	316/316L
12.11.05.01.00010028	3/4"	6000	15.7	9.6	27.0	316/316L
12.11.05.01.00010029	1"	6000	19.0	9.6	35.0	316/316L
12.11.05.01.00010030	1 1/4"	6000	20.6	14.2	44.5	316/316L
12.11.05.01.00010031	1 1/2"	6000	20.6	15.7	51.0	316/316L
12.11.05.01.00010032	2"	6000	22.3	17.5	63.5	316/316L

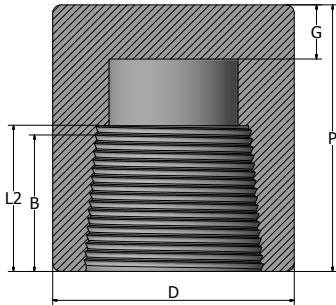


Raccorderia forgiata e da barra  
Forged and bar stock fittings

TAPPO FEMMINA  
FEMALE PLUG

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-F	RAITING	DIMENSIONI (mm)					MATERIALE MATERIAL
			G	P	D	B	L <sub>2</sub>	
12.11.04.09.00010033	1/4"	3000	4.8	25.4	19.0	8.1	10.2	A105 Galvanized
12.11.04.09.00010034	3/8"	3000	4.8	25.4	22.3	9.1	10.4	A105 Galvanized
12.11.04.09.00010035	1/2"	3000	6.3	31.7	28.5	10.9	13.6	A105 Galvanized
12.11.04.09.00010036	3/4"	3000	6.3	35.8	35.0	10.9	13.6	A105 Galvanized
12.11.04.09.00010037	1"	3000	9.6	41.1	44.5	14.7	17.3	A105 Galvanized
12.11.04.09.00010038	1 1/4"	3000	9.6	44.5	57.1	17.0	17.9	A105 Galvanized
12.11.04.09.00010039	1 1/2"	3000	11.2	44.5	63.5	17.8	18.4	A105 Galvanized
12.11.04.09.00010040	2"	3000	12.7	47.7	72.6	19.0	19.2	A105 Galvanized
12.11.04.01.00010033	1/4"	3000	4.8	25.4	19.0	8.1	10.2	316/316L
12.11.04.01.00010034	3/8"	3000	4.8	25.4	22.3	9.1	10.4	316/316L
12.11.04.01.00010035	1/2"	3000	6.3	31.7	28.5	10.9	13.6	316/316L
12.11.04.01.00010036	3/4"	3000	6.3	35.8	35.0	10.9	13.6	316/316L
12.11.04.01.00010037	1"	3000	9.6	41.1	44.5	14.7	17.3	316/316L
12.11.04.01.00010038	1 1/4"	3000	9.6	44.5	57.1	17.0	17.9	316/316L
12.11.04.01.00010039	1 1/2"	3000	11.2	44.5	63.5	17.8	18.4	316/316L
12.11.04.01.00010040	2"	3000	12.7	47.7	72.6	19.0	19.2	316/316L
12.11.05.09.00010033	1/4"	6000	6.3	26.9	25.4	8.1	10.2	A105 Galvanized
12.11.05.09.00010034	3/8"	6000	6.3	26.9	31.7	9.1	10.4	A105 Galvanized
12.11.05.09.00010035	1/2"	6000	7.9	33.3	38.1	10.9	13.6	A105 Galvanized
12.11.05.09.00010036	3/4"	6000	7.9	38.1	44.5	10.9	13.6	A105 Galvanized
12.11.05.09.00010037	1"	6000	11.2	42.9	57.1	14.7	17.3	A105 Galvanized
12.11.05.09.00010038	1 1/4"	6000	11.2	46.0	63.5	17.0	17.9	A105 Galvanized
12.11.05.09.00010039	1 1/2"	6000	12.7	47.7	76.2	17.8	18.4	A105 Galvanized
12.11.05.09.00010040	2"	6000	15.7	50.8	91.9	19.0	19.2	A105 Galvanized
12.11.05.01.00010033	1/4"	6000	6.3	26.9	25.4	8.1	10.2	316/316L
12.11.05.01.00010034	3/8"	6000	6.3	26.9	31.7	9.1	10.4	316/316L
12.11.05.01.00010035	1/2"	6000	7.9	33.3	38.1	10.9	13.6	316/316L
12.11.05.01.00010036	3/4"	6000	7.9	38.1	44.5	10.9	13.6	316/316L
12.11.05.01.00010037	1"	6000	11.2	42.9	57.1	14.7	17.3	316/316L
12.11.05.01.00010038	1 1/4"	6000	11.2	46.0	63.5	17.0	17.9	316/316L
12.11.05.01.00010039	1 1/2"	6000	12.7	47.7	76.2	17.8	18.4	316/316L
12.11.05.01.00010040	2"	6000	15.7	50.8	91.9	19.0	19.2	316/316L

Pneumatica  
Pneumatic

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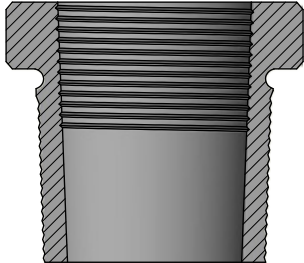


Raccorderia forgiata e da barra  
Forged and bar stock fittings

RIDUZIONE TESTA ESAGONALE  
HEX HEAD BUSHING

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-M	NPT-F	RAITING	MATERIALE MATERIAL
12.11.04.09.00010041	3/8"	1/4"	3000	A105 Galvanized
12.11.04.09.00010042	1/2"	1/4"	3000	A105 Galvanized
12.11.04.09.00010043	1/2"	3/8"	3000	A105 Galvanized
12.11.04.09.00010044	3/4"	1/4"	3000	A105 Galvanized
12.11.04.09.00010045	3/4"	3/8"	3000	A105 Galvanized
12.11.04.09.00010046	3/4"	1/2"	3000	A105 Galvanized
12.11.04.09.00010047	1"	1/4"	3000	A105 Galvanized
12.11.04.09.00010048	1"	3/8"	3000	A105 Galvanized
12.11.04.09.00010049	1"	1/2"	3000	A105 Galvanized
12.11.04.09.00010050	1"	3/4"	3000	A105 Galvanized
12.11.04.09.00010051	1"1/4	1/4"	3000	A105 Galvanized
12.11.04.09.00010052	1"1/4	3/8"	3000	A105 Galvanized
12.11.04.09.00010053	1"1/4	1/2"	3000	A105 Galvanized
12.11.04.09.00010054	1"1/4	3/4"	3000	A105 Galvanized
12.11.04.09.00010055	1"1/4	1"	3000	A105 Galvanized
12.11.04.09.00010056	1"1/2	1/4"	3000	A105 Galvanized
12.11.04.09.00010057	1"1/2	3/8"	3000	A105 Galvanized
12.11.04.09.00010058	1"1/2	1/2"	3000	A105 Galvanized
12.11.04.09.00010059	1"1/2	3/4"	3000	A105 Galvanized
12.11.04.09.00010060	1"1/2	1"	3000	A105 Galvanized
12.11.04.09.00010061	1"1/2	1"1/4	3000	A105 Galvanized
12.11.04.09.00010062	2"	1/4"	3000	A105 Galvanized
12.11.04.09.00010063	2"	3/8"	3000	A105 Galvanized
12.11.04.09.00010064	2"	1/2"	3000	A105 Galvanized
12.11.04.09.00010065	2"	3/4"	3000	A105 Galvanized
12.11.04.09.00010066	2"	1"	3000	A105 Galvanized
12.11.04.09.00010067	2"	1"1/4	3000	A105 Galvanized
12.11.04.09.00010068	2"	1"1/2	3000	A105 Galvanized
12.11.05.09.00010041	3/8"	1/4"	6000	A105 Galvanized
12.11.05.09.00010042	1/2"	1/4"	6000	A105 Galvanized
12.11.05.09.00010043	1/2"	3/8"	6000	A105 Galvanized
12.11.05.09.00010044	3/4"	1/4"	6000	A105 Galvanized
12.11.05.09.00010045	3/4"	3/8"	6000	A105 Galvanized
12.11.05.09.00010046	3/4"	1/2"	6000	A105 Galvanized
12.11.05.09.00010047	1"	1/4"	6000	A105 Galvanized
12.11.05.09.00010048	1"	3/8"	6000	A105 Galvanized
12.11.05.09.00010049	1"	1/2"	6000	A105 Galvanized
12.11.05.09.00010050	1"	3/4"	6000	A105 Galvanized



Raccorderia forgiata e da barra  
Forged and bar stock fittings

RIDUZIONE TESTA ESAGONALE  
HEX HEAD BUSHING

CODICE CODE	NPT-M	NPT-F	RAITING	MATERIALE MATERIAL
12.11.05.09.00010051	1"1/4	1/4"	6000	A105 Galvanized
12.11.05.09.00010052	1"1/4	3/8"	6000	A105 Galvanized
12.11.05.09.00010053	1"1/4	1/2"	6000	A105 Galvanized
12.11.05.09.00010054	1"1/4	3/4"	6000	A105 Galvanized
12.11.05.09.00010055	1"1/4	1"	6000	A105 Galvanized
12.11.05.09.00010056	1"1/2	1/4"	6000	A105 Galvanized
12.11.05.09.00010057	1"1/2	3/8"	6000	A105 Galvanized
12.11.05.09.00010058	1"1/2	1/2"	6000	A105 Galvanized
12.11.05.09.00010059	1"1/2	3/4"	6000	A105 Galvanized
12.11.05.09.00010060	1"1/2	1"	6000	A105 Galvanized
12.11.05.09.00010061	1"1/2	1"1/4	6000	A105 Galvanized
12.11.05.09.00010062	2"	1/4"	6000	A105 Galvanized
12.11.05.09.00010063	2"	3/8"	6000	A105 Galvanized
12.11.05.09.00010064	2"	1/2"	6000	A105 Galvanized
12.11.05.09.00010065	2"	3/4"	6000	A105 Galvanized
12.11.05.09.00010066	2"	1"	6000	A105 Galvanized
12.11.05.09.00010067	2"	1"1/4	6000	A105 Galvanized
12.11.05.09.00010068	2"	1"1/2	6000	A105 Galvanized
12.11.04.01.00010041	3/8"	1/4"	3000	316/316L
12.11.04.01.00010042	1/2"	1/4"	3000	316/316L
12.11.04.01.00010043	1/2"	3/8"	3000	316/316L
12.11.04.01.00010044	3/4"	1/4"	3000	316/316L
12.11.04.01.00010045	3/4"	3/8"	3000	316/316L
12.11.04.01.00010046	3/4"	1/2"	3000	316/316L
12.11.04.01.00010047	1"	1/4"	3000	316/316L
12.11.04.01.00010048	1"	3/8"	3000	316/316L
12.11.04.01.00010049	1"	1/2"	3000	316/316L
12.11.04.01.00010050	1"	3/4"	3000	316/316L
12.11.04.01.00010051	1"1/4	1/4"	3000	316/316L
12.11.04.01.00010052	1"1/4	3/8"	3000	316/316L
12.11.04.01.00010053	1"1/4	1/2"	3000	316/316L
12.11.04.01.00010054	1"1/4	3/4"	3000	316/316L
12.11.04.01.00010055	1"1/4	1"	3000	316/316L
12.11.04.01.00010056	1"1/2	1/4"	3000	316/316L
12.11.04.01.00010057	1"1/2	3/8"	3000	316/316L
12.11.04.01.00010058	1"1/2	1/2"	3000	316/316L
12.11.04.01.00010059	1"1/2	3/4"	3000	316/316L
12.11.04.01.00010060	1"1/2	1"	3000	316/316L
12.11.04.01.00010061	1"1/2	1"1/4	3000	316/316L
12.11.04.01.00010062	2"	1/4"	3000	316/316L
12.11.04.01.00010063	2"	3/8"	3000	316/316L
12.11.04.01.00010064	2"	1/2"	3000	316/316L
12.11.04.01.00010065	2"	3/4"	3000	316/316L
12.11.04.01.00010066	2"	1"	3000	316/316L
12.11.04.01.00010067	2"	1"1/4	3000	316/316L
12.11.04.01.00010068	2"	1"1/2	3000	316/316L



Raccorderia forgiata e da barra  
*Forged and bar stock fittings*

**RIDUZIONE TESTA ESAGONALE**  
**HEX HEAD BUSHING**

CODICE CODE	NPT-M	NPT-F	RAITING	MATERIALE MATERIAL
12.11.05.01.00010041	3/8"	1/4"	6000	316/316L
12.11.05.01.00010042	1/2"	1/4"	6000	316/316L
12.11.05.01.00010043	1/2"	3/8"	6000	316/316L
12.11.05.01.00010044	3/4"	1/4"	6000	316/316L
12.11.05.01.00010045	3/4"	3/8"	6000	316/316L
12.11.05.01.00010046	3/4"	1/2"	6000	316/316L
12.11.05.01.00010047	1"	1/4"	6000	316/316L
12.11.05.01.00010048	1"	3/8"	6000	316/316L
12.11.05.01.00010049	1"	1/2"	6000	316/316L
12.11.05.01.00010050	1"	3/4"	6000	316/316L
12.11.05.01.00010051	1"1/4	1/4"	6000	316/316L
12.11.05.01.00010052	1"1/4	3/8"	6000	316/316L
12.11.05.01.00010053	1"1/4	1/2"	6000	316/316L
12.11.05.01.00010054	1"1/4	3/4"	6000	316/316L
12.11.05.01.00010055	1"1/4	1"	6000	316/316L
12.11.05.01.00010056	1"1/2	1/4"	6000	316/316L
12.11.05.01.00010057	1"1/2	3/8"	6000	316/316L
12.11.05.01.00010058	1"1/2	1/2"	6000	316/316L
12.11.05.01.00010059	1"1/2	3/4"	6000	316/316L
12.11.05.01.00010060	1"1/2	1"	6000	316/316L
12.11.05.01.00010061	1"1/2	1"1/4	6000	316/316L
12.11.05.01.00010062	2"	1/4"	6000	316/316L
12.11.05.01.00010063	2"	3/8"	6000	316/316L
12.11.05.01.00010064	2"	1/2"	6000	316/316L
12.11.05.01.00010065	2"	3/4"	6000	316/316L
12.11.05.01.00010066	2"	1"	6000	316/316L
12.11.05.01.00010067	2"	1"1/4	6000	316/316L
12.11.05.01.00010068	2"	1"1/2	6000	316/316L

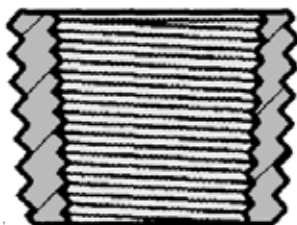


Raccorderia forgiata e da barra  
*Forged and bar stock fittings*

RIDUZIONE AD ANELLO MASCHIO/FEMMINA  
*FLUSH BUSHING MALE/FEMALE*

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-M	NPT-F	RAITING	MATERIALE MATERIAL
12.11.04.09.00010069	3/8"	1/4"	3000	A105 Galvanized
12.11.04.09.00010070	1/2"	1/4"	3000	A105 Galvanized
12.11.04.09.00010071	1/2"	3/8"	3000	A105 Galvanized
12.11.04.09.00010072	3/4"	1/4"	3000	A105 Galvanized
12.11.04.09.00010073	3/4"	3/8"	3000	A105 Galvanized
12.11.04.09.00010074	3/4"	1/2"	3000	A105 Galvanized
12.11.04.09.00010075	1"	1/4"	3000	A105 Galvanized
12.11.04.09.00010076	1"	3/8"	3000	A105 Galvanized
12.11.04.09.00010077	1"	1/2"	3000	A105 Galvanized
12.11.04.09.00010078	1"	3/4"	3000	A105 Galvanized
12.11.04.09.00010079	1"1/4	1/4"	3000	A105 Galvanized
12.11.04.09.00010080	1"1/4	3/8"	3000	A105 Galvanized
12.11.04.09.00010081	1"1/4	1/2"	3000	A105 Galvanized
12.11.04.09.00010082	1"1/4	3/4"	3000	A105 Galvanized
12.11.04.09.00010083	1"1/4	1"	3000	A105 Galvanized
12.11.04.09.00010084	1"1/2	1/4"	3000	A105 Galvanized
12.11.04.09.00010085	1"1/2	3/8"	3000	A105 Galvanized
12.11.04.09.00010086	1"1/2	1/2"	3000	A105 Galvanized
12.11.04.09.00010087	1"1/2	3/4"	3000	A105 Galvanized
12.11.04.09.00010088	1"1/2	1"	3000	A105 Galvanized
12.11.04.09.00010089	1"1/2	1"1/4	3000	A105 Galvanized
12.11.04.09.00010090	2"	1/4"	3000	A105 Galvanized
12.11.04.09.00010091	2"	3/8"	3000	A105 Galvanized
12.11.04.09.00010092	2"	1/2"	3000	A105 Galvanized
12.11.04.09.00010093	2"	3/4"	3000	A105 Galvanized
12.11.04.09.00010094	2"	1"	3000	A105 Galvanized
12.11.04.09.00010095	2"	1"1/4	3000	A105 Galvanized
12.11.04.09.00010096	2"	1"1/2	3000	A105 Galvanized
12.11.05.09.00010069	3/8"	1/4"	6000	A105 Galvanized
12.11.05.09.00010070	1/2"	1/4"	6000	A105 Galvanized
12.11.05.09.00010071	1/2"	3/8"	6000	A105 Galvanized
12.11.05.09.00010072	3/4"	1/4"	6000	A105 Galvanized
12.11.05.09.00010073	3/4"	3/8"	6000	A105 Galvanized
12.11.05.09.00010074	3/4"	1/2"	6000	A105 Galvanized
12.11.05.09.00010075	1"	1/4"	6000	A105 Galvanized
12.11.05.09.00010076	1"	3/8"	6000	A105 Galvanized
12.11.05.09.00010077	1"	1/2"	6000	A105 Galvanized
12.11.05.09.00010078	1"	3/4"	6000	A105 Galvanized

Pneumatica  
Pneumatic

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Raccorderia forgiata e da barra  
Forged and bar stock fittings

RIDUZIONE AD ANELLO MASCHIO/FEMMINA  
FLUSH BUSHING MALE/FEMALE

CODICE CODE	NPT-M	NPT-F	RAITING	MATERIALE MATERIAL
12.11.05.09.00010079	1"1/4	1/4"	6000	A105 Galvanized
12.11.05.09.00010080	1"1/4	3/8"	6000	A105 Galvanized
12.11.05.09.00010081	1"1/4	1/2"	6000	A105 Galvanized
12.11.05.09.00010082	1"1/4	3/4"	6000	A105 Galvanized
12.11.05.09.00010083	1"1/4	1"	6000	A105 Galvanized
12.11.05.09.00010084	1"1/2	1/4"	6000	A105 Galvanized
12.11.05.09.00010085	1"1/2	3/8"	6000	A105 Galvanized
12.11.05.09.00010086	1"1/2	1/2"	6000	A105 Galvanized
12.11.05.09.00010087	1"1/2	3/4"	6000	A105 Galvanized
12.11.05.09.00010088	1"1/2	1"	6000	A105 Galvanized
12.11.05.09.00010089	1"1/2	1"1/4	6000	A105 Galvanized
12.11.05.09.00010090	2"	1/4"	6000	A105 Galvanized
12.11.05.09.00010091	2"	3/8"	6000	A105 Galvanized
12.11.05.09.00010092	2"	1/2"	6000	A105 Galvanized
12.11.05.09.00010093	2"	3/4"	6000	A105 Galvanized
12.11.05.09.00010094	2"	1"	6000	A105 Galvanized
12.11.05.09.00010095	2"	1"1/4	6000	A105 Galvanized
12.11.05.09.00010096	2"	1"1/2	6000	A105 Galvanized
12.11.04.01.00010069	3/8"	1/4"	3000	316/316L
12.11.04.01.00010070	1/2"	1/4"	3000	316/316L
12.11.04.01.00010071	1/2"	3/8"	3000	316/316L
12.11.04.01.00010072	3/4"	1/4"	3000	316/316L
12.11.04.01.00010073	3/4"	3/8"	3000	316/316L
12.11.04.01.00010074	3/4"	1/2"	3000	316/316L
12.11.04.01.00010075	1"	1/4"	3000	316/316L
12.11.04.01.00010076	1"	3/8"	3000	316/316L
12.11.04.01.00010077	1"	1/2"	3000	316/316L
12.11.04.01.00010078	1"	3/4"	3000	316/316L
12.11.04.01.00010079	1"1/4	1/4"	3000	316/316L
12.11.04.01.00010080	1"1/4	3/8"	3000	316/316L
12.11.04.01.00010081	1"1/4	1/2"	3000	316/316L
12.11.04.01.00010082	1"1/4	3/4"	3000	316/316L
12.11.04.01.00010083	1"1/4	1"	3000	316/316L
12.11.04.01.00010084	1"1/2	1/4"	3000	316/316L
12.11.04.01.00010085	1"1/2	3/8"	3000	316/316L
12.11.04.01.00010086	1"1/2	1/2"	3000	316/316L
12.11.04.01.00010087	1"1/2	3/4"	3000	316/316L
12.11.04.01.00010088	1"1/2	1"	3000	316/316L
12.11.04.01.00010089	1"1/2	1"1/4	3000	316/316L
12.11.04.01.00010090	2"	1/4"	3000	316/316L
12.11.04.01.00010091	2"	3/8"	3000	316/316L
12.11.04.01.00010092	2"	1/2"	3000	316/316L
12.11.04.01.00010093	2"	3/4"	3000	316/316L
12.11.04.01.00010094	2"	1"	3000	316/316L
12.11.04.01.00010095	2"	1"1/4	3000	316/316L
12.11.04.01.00010096	2"	1"1/2	3000	316/316L



Raccorderia forgiata e da barra  
Forged and bar stock fittings

RIDUZIONE AD ANELLO MASCHIO/FEMMINA  
FLUSH BUSHING MALE/FEMALE

CODICE CODE	NPT-M	NPT-F	BAITING	MATERIALE MATERIAL
12.11.05.01.00010069	3/8"	1/4"	6000	316/316L
12.11.05.01.00010070	1/2"	1/4"	6000	316/316L
12.11.05.01.00010071	1/2"	3/8"	6000	316/316L
12.11.05.01.00010072	3/4"	1/4"	6000	316/316L
12.11.05.01.00010073	3/4"	3/8"	6000	316/316L
12.11.05.01.00010074	3/4"	1/2"	6000	316/316L
12.11.05.01.00010075	1"	1/4"	6000	316/316L
12.11.05.01.00010076	1"	3/8"	6000	316/316L
12.11.05.01.00010077	1"	1/2"	6000	316/316L
12.11.05.01.00010078	1"	3/4"	6000	316/316L
12.11.05.01.00010079	1"1/4	1/4"	6000	316/316L
12.11.05.01.00010080	1"1/4	3/8"	6000	316/316L
12.11.05.01.00010081	1"1/4	1/2"	6000	316/316L
12.11.05.01.00010082	1"1/4	3/4"	6000	316/316L
12.11.05.01.00010083	1"1/4	1"	6000	316/316L
12.11.05.01.00010084	1"1/2	1/4"	6000	316/316L
12.11.05.01.00010085	1"1/2	3/8"	6000	316/316L
12.11.05.01.00010086	1"1/2	1/2"	6000	316/316L
12.11.05.01.00010087	1"1/2	3/4"	6000	316/316L
12.11.05.01.00010088	1"1/2	1"	6000	316/316L
12.11.05.01.00010089	1"1/2	1"1/4	6000	316/316L
12.11.05.01.00010090	2"	1/4"	6000	316/316L
12.11.05.01.00010091	2"	3/8"	6000	316/316L
12.11.05.01.00010092	2"	1/2"	6000	316/316L
12.11.05.01.00010093	2"	3/4"	6000	316/316L
12.11.05.01.00010094	2"	1"	6000	316/316L
12.11.05.01.00010095	2"	1"1/4	6000	316/316L
12.11.05.01.00010096	2"	1"1/2	6000	316/316L

Pneumatica  
Pneumatic

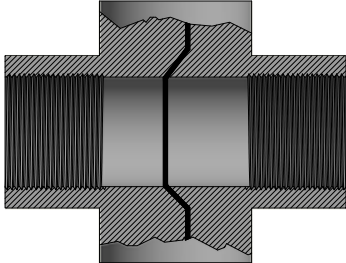


Raccorderia forgiata e da barra  
Forged and bar stock fittings

**BOCCHETTONE FEMMINA/FEMMINA  
UNION FEMALE/FEMALE**

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-F	RAITING	MATERIALE MATERIAL
12.11.04.09.00010097	1/4"	3000	A105 Galvanized
12.11.04.09.00010098	3/8"	3000	A105 Galvanized
12.11.04.09.00010099	1/2"	3000	A105 Galvanized
12.11.04.09.00010100	3/4"	3000	A105 Galvanized
12.11.04.09.00010101	1"	3000	A105 Galvanized
12.11.04.09.00010102	1"1/4	3000	A105 Galvanized
12.11.04.09.00010103	1"1/2	3000	A105 Galvanized
12.11.04.09.00010104	2"	3000	A105 Galvanized
12.11.04.01.00010097	1/4"	3000	316/316L
12.11.04.01.00010098	3/8"	3000	316/316L
12.11.04.01.00010099	1/2"	3000	316/316L
12.11.04.01.00010100	3/4"	3000	316/316L
12.11.04.01.00010101	1"	3000	316/316L
12.11.04.01.00010102	1"1/4	3000	316/316L
12.11.04.01.00010103	1"1/2	3000	316/316L
12.11.04.01.00010104	2"	3000	316/316L
12.11.05.09.00010105	1/4"	6000	A105 Galvanized
12.11.05.09.00010106	3/8"	6000	A105 Galvanized
12.11.05.09.00010107	1/2"	6000	A105 Galvanized
12.11.05.09.00010108	3/4"	6000	A105 Galvanized
12.11.05.09.00010109	1"	6000	A105 Galvanized
12.11.05.09.00010110	1"1/4	6000	A105 Galvanized
12.11.05.09.00010111	1"1/2	6000	A105 Galvanized
12.11.05.09.00010112	2"	6000	A105 Galvanized
12.11.05.01.00010105	1/4"	6000	316/316L
12.11.05.01.00010106	3/8"	6000	316/316L
12.11.05.01.00010107	1/2"	6000	316/316L
12.11.05.01.00010108	3/4"	6000	316/316L
12.11.05.01.00010109	1"	6000	316/316L
12.11.05.01.00010110	1"1/4	6000	316/316L
12.11.05.01.00010111	1"1/2	6000	316/316L
12.11.05.01.00010112	2"	6000	316/316L

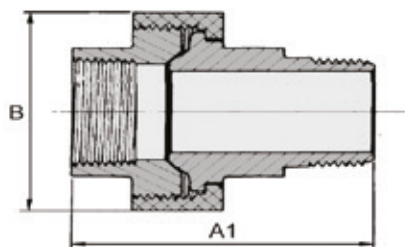


Raccorderia forgiata e da barra  
Forged and bar stock fittings

BOCCHETTONE FEMMINA/MASCHIO  
UNION FEMALE/MALE

Ansi B16.11 - BS 3799

Ansi B16.11 - BS 3799



CODICE CODE	NPT-F/M	RAITING	MATERIALE MATERIAL
12.11.04.09.00010113	1/4"	3000	A105 Galvanized
12.11.04.09.00010114	3/8"	3000	A105 Galvanized
12.11.04.09.00010115	1/2"	3000	A105 Galvanized
12.11.04.09.00010116	3/4"	3000	A105 Galvanized
12.11.04.09.00010117	1"	3000	A105 Galvanized
12.11.04.09.00010118	1"1/4	3000	A105 Galvanized
12.11.04.09.00010119	1"1/2	3000	A105 Galvanized
12.11.04.09.00010120	2"	3000	A105 Galvanized
12.11.04.01.00010113	1/4"	3000	316/316L
12.11.04.01.00010114	3/8"	3000	316/316L
12.11.04.01.00010115	1/2"	3000	316/316L
12.11.04.01.00010116	3/4"	3000	316/316L
12.11.04.01.00010117	1"	3000	316/316L
12.11.04.01.00010118	1"1/4	3000	316/316L
12.11.04.01.00010119	1"1/2	3000	316/316L
12.11.04.01.00010120	2"	3000	316/316L
12.11.05.09.00010113	1/4"	6000	A105 Galvanized
12.11.05.09.00010114	3/8"	6000	A105 Galvanized
12.11.05.09.00010115	1/2"	6000	A105 Galvanized
12.11.05.09.00010116	3/4"	6000	A105 Galvanized
12.11.05.09.00010117	1"	6000	A105 Galvanized
12.11.05.09.00010118	1"1/4	6000	A105 Galvanized
12.11.05.09.00010119	1"1/2	6000	A105 Galvanized
12.11.05.09.00010120	2"	6000	A105 Galvanized
12.11.05.01.00010113	1/4"	6000	316/316L
12.11.05.01.00010114	3/8"	6000	316/316L
12.11.05.01.00010115	1/2"	6000	316/316L
12.11.05.01.00010116	3/4"	6000	316/316L
12.11.05.01.00010117	1"	6000	316/316L
12.11.05.01.00010118	1"1/4	6000	316/316L
12.11.05.01.00010119	1"1/2	6000	316/316L
12.11.05.01.00010120	2"	6000	316/316L

Pneumatica  
Pneumatic

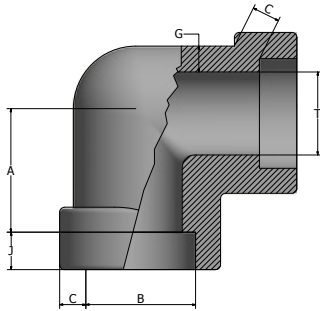
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Raccorderia forgiata e da barra  
Forged and bar stock fittings

GOMITO 90° - SOCKET WELD  
ELBOW 90° - SOCKET WELD

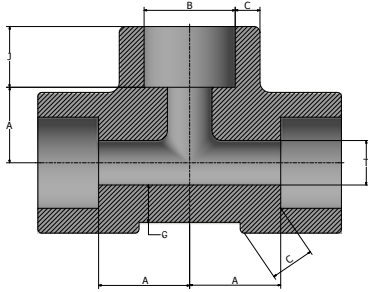


CODICE CODE	DN NPS	RAITING	A		C		G		T		B		J	MATERIALE MATERIAL
			Max	Min	Ave	Min	Min	Max	Min	Max	Min			
12.11.04.09.00010121	1/4"	3000	11.9	10.4	3.8	3.3	3.0	10.0	8.5	14.3	14.1	9.7	A105 Nero	
12.11.04.09.00010122	3/8"	3000	15.0	12.0	4.0	3.5	3.2	13.3	11.8	17.8	17.5	9.7	A105 Nero	
12.11.04.09.00010123	1/2"	3000	17.2	14.2	4.7	4.1	3.7	16.6	15.0	22.0	21.7	9.7	A105 Nero	
12.11.04.09.00010124	3/4"	3000	20.5	17.5	4.9	4.3	3.9	21.7	20.2	27.3	27.0	12.7	A105 Nero	
12.11.04.09.00010125	1"	3000	24.4	20.3	5.7	5.0	4.5	27.4	25.9	34.1	33.8	12.7	A105 Nero	
12.11.04.09.00010126	1 1/4"	3000	28.9	24.9	6.1	5.3	4.9	35.8	34.3	42.8	42.5	12.7	A105 Nero	
12.11.04.09.00010127	1 1/2"	3000	33.8	29.7	6.4	5.5	5.1	41.6	40.1	48.9	48.6	12.7	A105 Nero	
12.11.04.09.00010128	2"	3000	40.1	36.1	6.9	6.0	5.5	53.3	51.7	61.4	61.1	15.7	A105 Nero	
12.11.04.01.00010121	1/4"	3000	11.9	10.4	3.8	3.3	3.0	10.0	8.5	14.3	14.1	9.7	316/316L	
12.11.04.01.00010122	3/8"	3000	15.0	12.0	4.0	3.5	3.2	13.3	11.8	17.8	17.5	9.7	316/316L	
12.11.04.01.00010123	1/2"	3000	17.2	14.2	4.7	4.1	3.7	16.6	15.0	22.0	21.7	9.7	316/316L	
12.11.04.01.00010124	3/4"	3000	20.5	17.5	4.9	4.3	3.9	21.7	20.2	27.3	27.0	12.7	316/316L	
12.11.04.01.00010125	1"	3000	24.4	20.3	5.7	5.0	4.5	27.4	25.9	34.1	33.8	12.7	316/316L	
12.11.04.01.00010126	1 1/4"	3000	28.9	24.9	6.1	5.3	4.9	35.8	34.3	42.8	42.5	12.7	316/316L	
12.11.04.01.00010127	1 1/2"	3000	33.8	29.7	6.4	5.5	5.1	41.6	40.1	48.9	48.6	12.7	316/316L	
12.11.04.01.00010128	2"	3000	40.1	36.1	6.9	6.0	5.5	53.3	51.7	61.4	61.1	15.7	316/316L	
12.11.05.09.00010121	1/4"	6000	15.0	10.4	4.6	4.0	3.7	7.1	5.6	14.3	14.1	9.7	A105 Nero	
12.11.05.09.00010122	3/8"	6000	17.2	12.0	5.0	4.4	4.0	9.9	8.4	17.8	17.5	9.7	A105 Nero	
12.11.05.09.00010123	1/2"	6000	20.5	14.2	6.0	5.2	4.8	12.5	11.0	22.0	21.7	9.7	A105 Nero	
12.11.05.09.00010124	3/4"	6000	24.4	17.5	7.0	6.0	5.6	16.3	14.8	27.3	27.0	12.7	A105 Nero	
12.11.05.09.00010125	1"	6000	28.9	20.3	7.9	6.9	6.3	21.5	19.9	34.1	33.8	12.7	A105 Nero	
12.11.05.09.00010126	1 1/4"	6000	33.8	24.9	7.9	6.9	6.3	30.2	28.7	42.8	42.5	12.7	A105 Nero	
12.11.05.09.00010127	1 1/2"	6000	40.1	29.7	8.0	7.8	7.1	34.7	33.2	48.9	48.6	12.7	A105 Nero	
12.11.05.09.00010128	2"	6000	43.6	36.1	10.9	9.5	8.7	43.6	42.1	61.4	61.1	15.7	A105 Nero	
12.11.05.01.00010121	1/4"	6000	15.0	10.4	4.6	4.0	3.7	7.1	5.6	14.3	14.1	9.7	316/316L	
12.11.05.01.00010122	3/8"	6000	17.2	12.0	5.0	4.4	4.0	9.9	8.4	17.8	17.5	9.7	316/316L	
12.11.05.01.00010123	1/2"	6000	20.5	14.2	6.0	5.2	4.8	12.5	11.0	22.0	21.7	9.7	316/316L	
12.11.05.01.00010124	3/4"	6000	24.4	17.5	7.0	6.0	5.6	16.3	14.8	27.3	27.0	12.7	316/316L	
12.11.05.01.00010125	1"	6000	28.9	20.3	7.9	6.9	6.3	21.5	19.9	34.1	33.8	12.7	316/316L	
12.11.05.01.00010126	1 1/4"	6000	33.8	24.9	7.9	6.9	6.3	30.2	28.7	42.8	42.5	12.7	316/316L	
12.11.05.01.00010127	1 1/2"	6000	40.1	29.7	8.0	7.8	7.1	34.7	33.2	48.9	48.6	12.7	316/316L	
12.11.05.01.00010128	2"	6000	43.6	36.1	10.9	9.5	8.7	43.6	42.1	61.4	61.1	15.7	316/316L	



Raccorderia forgiata e da barra  
Forged and bar stock fittings

UNIONE A T - SOCKET WELD  
TEE - SOCKET WELD

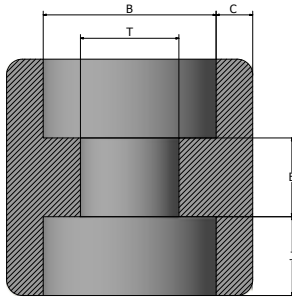


CODICE CODE	DN NPS	RAITING	A		C		G	T		B		J	MATERIALE MATERIAL
			Max	Min	Ave	Min	Min	Max	Min	Max	Min	Min	
12.11.04.09.00010129	1/4"	3000	11.9	10.4	3.8	3.3	3.0	10.0	8.5	14.3	14.1	9.7	A105 Nero
12.11.04.09.00010130	3/8"	3000	15.0	12.0	4.0	3.5	3.2	13.3	11.8	17.8	17.5	9.7	A105 Nero
12.11.04.09.00010131	1/2"	3000	17.2	14.2	4.7	4.1	3.7	16.6	15.0	22.0	21.7	9.7	A105 Nero
12.11.04.09.00010132	3/4"	3000	20.5	17.5	4.9	4.3	3.9	21.7	20.2	27.3	27.0	12.7	A105 Nero
12.11.04.09.00010133	1"	3000	24.4	20.3	5.7	5.0	4.5	27.4	25.9	34.1	33.8	12.7	A105 Nero
12.11.04.09.00010134	1 1/4"	3000	28.9	24.9	6.1	5.3	4.9	35.8	34.3	42.8	42.5	12.7	A105 Nero
12.11.04.09.00010135	1 1/2"	3000	33.8	29.7	6.4	5.5	5.1	41.6	40.1	48.9	48.6	12.7	A105 Nero
12.11.04.09.00010136	2"	3000	40.1	36.1	6.9	6.0	5.5	53.3	51.7	61.4	61.1	15.7	A105 Nero
12.11.04.01.00010129	1/4"	3000	11.9	10.4	3.8	3.3	3.0	10.0	8.5	14.3	14.1	9.7	316/316L
12.11.04.01.00010130	3/8"	3000	15.0	12.0	4.0	3.5	3.2	13.3	11.8	17.8	17.5	9.7	316/316L
12.11.04.01.00010131	1/2"	3000	17.2	14.2	4.7	4.1	3.7	16.6	15.0	22.0	21.7	9.7	316/316L
12.11.04.01.00010132	3/4"	3000	20.5	17.5	4.9	4.3	3.9	21.7	20.2	27.3	27.0	12.7	316/316L
12.11.04.01.00010133	1"	3000	24.4	20.3	5.7	5.0	4.5	27.4	25.9	34.1	33.8	12.7	316/316L
12.11.04.01.00010134	1 1/4"	3000	28.9	24.9	6.1	5.3	4.9	35.8	34.3	42.8	42.5	12.7	316/316L
12.11.04.01.00010135	1 1/2"	3000	33.8	29.7	6.4	5.5	5.1	41.6	40.1	48.9	48.6	12.7	316/316L
12.11.04.01.00010136	2"	3000	40.1	36.1	6.9	6.0	5.5	53.3	51.7	61.4	61.1	15.7	316/316L
12.11.05.09.00010129	1/4"	6000	15.0	10.4	4.6	4.0	3.7	7.1	5.6	14.3	14.1	9.7	A105 Nero
12.11.05.09.00010130	3/8"	6000	17.2	12.0	5.0	4.4	4.0	9.9	8.4	17.8	17.5	9.7	A105 Nero
12.11.05.09.00010131	1/2"	6000	20.5	14.2	6.0	5.2	4.8	12.5	11.0	22.0	21.7	9.7	A105 Nero
12.11.05.09.00010132	3/4"	6000	24.4	17.5	7.0	6.0	5.6	16.3	14.8	27.3	27.0	12.7	A105 Nero
12.11.05.09.00010133	1"	6000	28.9	20.3	7.9	6.9	6.3	21.5	19.9	34.1	33.8	12.7	A105 Nero
12.11.05.09.00010134	1 1/4"	6000	33.8	24.9	7.9	6.9	6.3	30.2	28.7	42.8	42.5	12.7	A105 Nero
12.11.05.09.00010135	1 1/2"	6000	40.1	29.7	8.0	7.8	7.1	34.7	33.2	48.9	48.6	12.7	A105 Nero
12.11.05.09.00010136	2"	6000	43.6	36.1	10.9	9.5	8.7	43.6	42.1	61.4	61.1	15.7	A105 Nero
12.11.05.01.00010129	1/4"	6000	15.0	10.4	4.6	4.0	3.7	7.1	5.6	14.3	14.1	9.7	316/316L
12.11.05.01.00010130	3/8"	6000	17.2	12.0	5.0	4.4	4.0	9.9	8.4	17.8	17.5	9.7	316/316L
12.11.05.01.00010131	1/2"	6000	20.5	14.2	6.0	5.2	4.8	12.5	11.0	22.0	21.7	9.7	316/316L
12.11.05.01.00010132	3/4"	6000	24.4	17.5	7.0	6.0	5.6	16.3	14.8	27.3	27.0	12.7	316/316L
12.11.05.01.00010133	1"	6000	28.9	20.3	7.9	6.9	6.3	21.5	19.9	34.1	33.8	12.7	316/316L
12.11.05.01.00010134	1 1/4"	6000	33.8	24.9	7.9	6.9	6.3	30.2	28.7	42.8	42.5	12.7	316/316L
12.11.05.01.00010135	1 1/2"	6000	40.1	29.7	8.0	7.8	7.1	34.7	33.2	48.9	48.6	12.7	316/316L
12.11.05.01.00010136	2"	6000	43.6	36.1	10.9	9.5	8.7	43.6	42.1	61.4	61.1	15.7	316/316L



Raccorderia forgiata e da barra  
*Forged and bar stock fittings*

MANICOTTO - SOCKET WELD  
 COUPLING - SOCKET WELD



CODICE CODE	DN NPS	RAITING	C		E		T		B		J	MATERIALE MATERIAL
			Ave	Min	Max	Min	Max	Min	Max	Min		
12.11.04.09.00010137	1/4"	3000	3.8	3.3	7.9	4.8	10.0	8.5	14.3	14.1	9.7	A105 Nero
12.11.04.09.00010138	3/8"	3000	4.0	3.5	9.4	3.3	13.3	11.8	17.8	17.5	9.7	A105 Nero
12.11.04.09.00010139	1/2"	3000	4.7	4.1	12.7	6.6	16.6	15.0	22.0	21.7	9.7	A105 Nero
12.11.04.09.00010140	3/4"	3000	4.9	4.3	12.7	6.6	21.7	20.2	27.3	27.0	12.7	A105 Nero
12.11.04.09.00010141	1"	3000	5.7	5.0	16.8	8.6	27.4	25.9	34.1	33.8	12.7	A105 Nero
12.11.04.09.00010142	1 1/4"	3000	6.1	5.3	16.8	8.6	35.8	34.3	42.8	42.5	12.7	A105 Nero
12.11.04.09.00010143	1 1/2"	3000	6.4	5.5	16.8	8.6	41.6	40.1	48.9	48.6	12.7	A105 Nero
12.11.04.09.00010144	2"	3000	6.9	6.0	23.1	15.0	53.3	51.7	61.4	61.1	15.7	A105 Nero
12.11.04.01.00010137	1/4"	3000	3.8	3.3	7.9	4.8	10.0	8.5	14.3	14.1	9.7	316/316L
12.11.04.01.00010138	3/8"	3000	4.0	3.5	9.4	3.3	13.3	11.8	17.8	17.5	9.7	316/316L
12.11.04.01.00010139	1/2"	3000	4.7	4.1	12.7	6.6	16.6	15.0	22.0	21.7	9.7	316/316L
12.11.04.01.00010140	3/4"	3000	4.9	4.3	12.7	6.6	21.7	20.2	27.3	27.0	12.7	316/316L
12.11.04.01.00010141	1"	3000	5.7	5.0	16.8	8.6	27.4	25.9	34.1	33.8	12.7	316/316L
12.11.04.01.00010142	1 1/4"	3000	6.1	5.3	16.8	8.6	35.8	34.3	42.8	42.5	12.7	316/316L
12.11.04.01.00010143	1 1/2"	3000	6.4	5.5	16.8	8.6	41.6	40.1	48.9	48.6	12.7	316/316L
12.11.04.01.00010144	2"	3000	6.9	6.0	23.1	15.0	53.3	51.7	61.4	61.1	15.7	316/316L
12.11.05.09.00010137	1/4"	6000	4.6	4.0	7.9	4.8	7.1	5.6	14.3	14.1	9.7	A105 Nero
12.11.05.09.00010138	3/8"	6000	5.0	4.4	9.4	3.3	9.9	8.4	17.8	17.5	9.7	A105 Nero
12.11.05.09.00010139	1/2"	6000	6.0	5.2	12.7	6.6	12.5	11.0	22.0	21.7	9.7	A105 Nero
12.11.05.09.00010140	3/4"	6000	7.0	6.0	12.7	6.6	16.3	14.8	27.3	27.0	12.7	A105 Nero
12.11.05.09.00010141	1"	6000	7.9	6.9	16.8	8.6	21.5	19.9	34.1	33.8	12.7	A105 Nero
12.11.05.09.00010142	1 1/4"	6000	7.9	6.9	16.8	8.6	30.2	28.7	42.8	42.5	12.7	A105 Nero
12.11.05.09.00010143	1 1/2"	6000	8.9	7.8	16.8	8.6	34.7	33.2	48.9	48.6	12.7	A105 Nero
12.11.05.09.00010144	2"	6000	10.9	9.5	23.1	15.0	43.6	42.1	61.4	61.1	15.7	A105 Nero
12.11.05.01.00010137	1/4"	6000	4.6	4.0	7.9	4.8	7.1	5.6	14.3	14.1	9.7	316/316L
12.11.05.01.00010138	3/8"	6000	5.0	4.4	9.4	3.3	9.9	8.4	17.8	17.5	9.7	316/316L
12.11.05.01.00010139	1/2"	6000	6.0	5.2	12.7	6.6	12.5	11.0	22.0	21.7	9.7	316/316L
12.11.05.01.00010140	3/4"	6000	7.0	6.0	12.7	6.6	16.3	14.8	27.3	27.0	12.7	316/316L
12.11.05.01.00010141	1"	6000	7.9	6.9	16.8	8.6	21.5	19.9	34.1	33.8	12.7	316/316L
12.11.05.01.00010142	1 1/4"	6000	7.9	6.9	16.8	8.6	30.2	28.7	42.8	42.5	12.7	316/316L
12.11.05.01.00010143	1 1/2"	6000	8.9	7.8	16.8	8.6	34.7	33.2	48.9	48.6	12.7	316/316L
12.11.05.01.00010144	2"	6000	10.9	9.5	23.1	15.0	43.6	42.1	61.4	61.1	15.7	316/316L

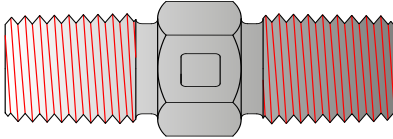


Adattatori per strumentazione  
Instruments adapters

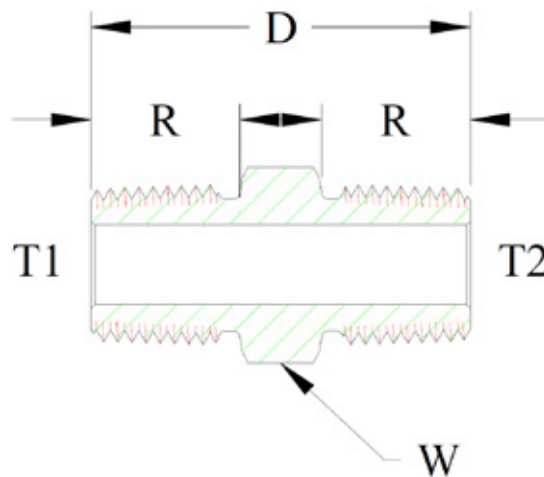
**NIPLO CORPO ESAGONALE LUNGO MASCHIO**  
**MALE HEX LONG NIPPLE**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE THREAD		W HEX	D	R
	T1	T2	mm	mm	mm
12.13.04.01.00010001	1/8	1/8	12	27	9.7
12.13.04.01.00010002	1/4	1/8	17	31.8	14.2/9.7
12.13.04.01.00010003	1/4	1/4	17	37	14.2
12.13.04.01.00010004	3/8	1/8	19	32.3	14.2/9.7
12.13.04.01.00010005	3/8	1/4	19	37	14.2
12.13.04.01.00010006	3/8	3/8	19	37	14.2
12.13.04.01.00010007	1/2	1/4	22	43.2	19.1/14.2
12.13.04.01.00010008	1/2	3/8	22	43.2	19.1/14.2
12.13.04.01.00010009	1/2	1/2	22	48	19.1
12.13.04.01.00010010	3/4	1/4	27	45.2	19.1/9.7
12.13.04.01.00010011	3/4	1/2	27	50	19.1
12.13.04.01.00010012	3/4	3/4	27	50	19.1
12.13.04.01.00010013	1	1	36	59.4	23.9



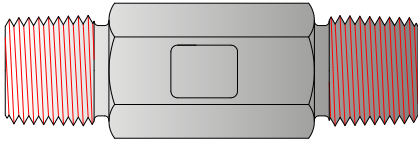


Adattatori per strumentazione  
*Instruments adapters*

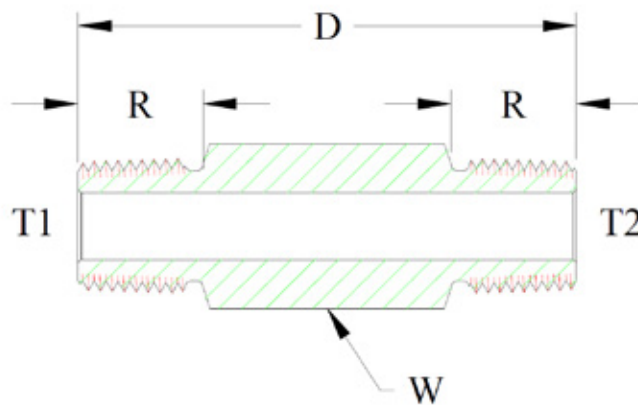
**NIPLO CORPO ESAGONALE MASCHIO**  
**MALE HEX NIPPLE**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE THREAD	W HEX mm	D mm	R mm
12.13.04.01.00010014	1/8	12	35	9.7
12.13.04.01.00010015	1/8	12	50	9.7
12.13.04.01.00010016	1/8	12	65	9.7
12.13.04.01.00010017	1/8	12	75	9.7
12.13.04.01.00010018	1/4	17	50	14.2
12.13.04.01.00010019	1/4	17	65	14.2
12.13.04.01.00010020	1/4	17	75	14.2
12.13.04.01.00010021	1/4	17	100	14.2
12.13.04.01.00010022	1/2	22	50	19.1
12.13.04.01.00010023	1/2	22	75	19.1
12.13.04.01.00010024	1/2	22	100	19.1



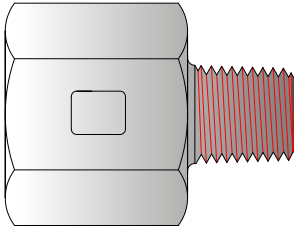


Adattatori per strumentazione  
Instruments adapters

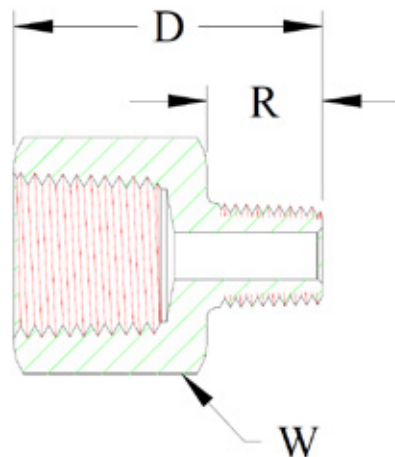
ADATTATORE MASCHIO/FEMMINA  
MALE/FEMALE ADAPTER

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT THREAD		W HEX mm	D mm	R mm
	Male	Female			
12.13.04.01.00010025	1/8	1/4	19	31	9.7
12.13.04.01.00010026	1/4	1/4	19	35.6	9.7
12.13.04.01.00010027	1/8	3/8	22	36.6	9.7
12.13.04.01.00010028	1/4	3/8	22	36.6	14.2
12.13.04.01.00010029	3/8	3/8	22	36.6	9.7
12.13.04.01.00010030	1/8	1/2	30	38.1	9.7
12.13.04.01.00010031	1/4	1/2	30	43	14.2
12.13.04.01.00010032	3/8	1/2	30	43	14.2
12.13.04.01.00010033	1/2	1/2	30	47.8	19.1
12.13.04.01.00010034	1/4	3/4	36	45.2	14.2
12.13.04.01.00010035	1/2	3/4	36	49.3	19.1
12.13.04.01.00010036	1/4	1	41	51	9.7
12.13.04.01.00010037	1/2	1	41	54.9	19.1
12.13.04.01.00010038	3/4	1	41	55.7	19.1



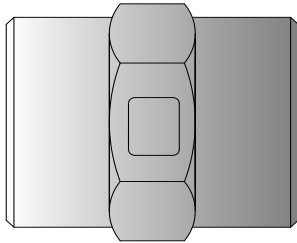


Adattatori per strumentazione  
*Instruments adapters*

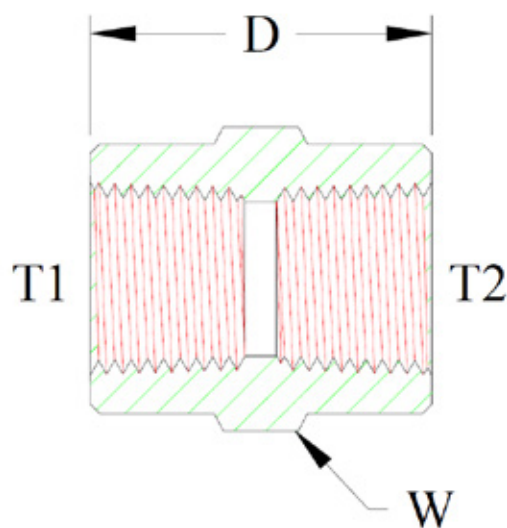
MANICOTTO CORPO ESAGONALE  
*FEMALE HEX COUPLING*

**Materiale:** 316/316L

**Materiale:** 316/316L



CODICE CODE	NPT FEMALE THREAD	W HEX	D
		<i>Inch</i>	<i>mm</i>
12.13.04.01.00010039	1/8	1/8	17
12.13.04.01.00010040	1/4	1/8	19
12.13.04.01.00010041	1/4	1/4	19
12.13.04.01.00010042	3/8	1/8	22
12.13.04.01.00010043	3/8	1/4	22
12.13.04.01.00010044	3/8	3/8	22
12.13.04.01.00010045	1/2	1/4	30
12.13.04.01.00010046	1/2	3/8	30
12.13.04.01.00010047	1/2	1/2	30
12.13.04.01.00010048	3/4	1/4	36
12.13.04.01.00010049	3/4	1/2	36
12.13.04.01.00010050	3/4	3/4	36
12.13.04.01.00010051	1	1	41



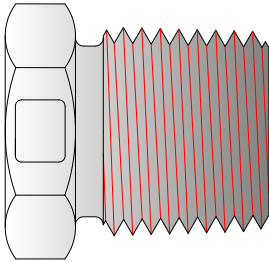


Adattatori per strumentazione  
*Instruments adapters*

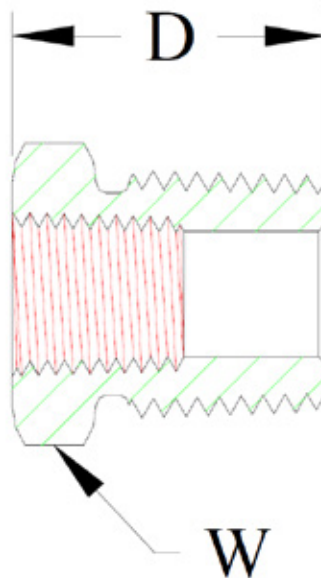
**RIDUZIONE MASCHIO/FEMMINA**  
**MALE/FEMALE REDUCING**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT THREAD		W HEX	D
	Male	Female	mm	mm
12.13.04.01.00010052	1/4	1/8	17	21.3
12.13.04.01.00010053	3/8	1/8	19	21.3
12.13.04.01.00010054	3/8	1/4	19	21.3
12.13.04.01.00010055	1/2	1/8	22	27.7
12.13.04.01.00010056	1/2	1/4	22	27.7
12.13.04.01.00010057	1/2	3/8	22	27.7
12.13.04.01.00010058	3/4	1/4	27	29.7
12.13.04.01.00010059	3/4	3/8	27	29.7
12.13.04.01.00010060	3/4	1/2	27	29.7
12.13.04.01.00010061	1	3/8	36	35.5
12.13.04.01.00010062	1	1/2	36	35.5
12.13.04.01.00010063	1	3/4	36	35.5





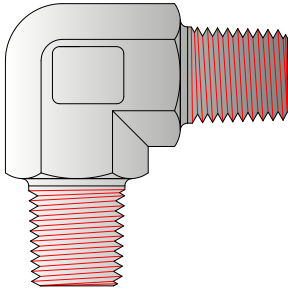


Adattatori per strumentazione  
*Instruments adapters*

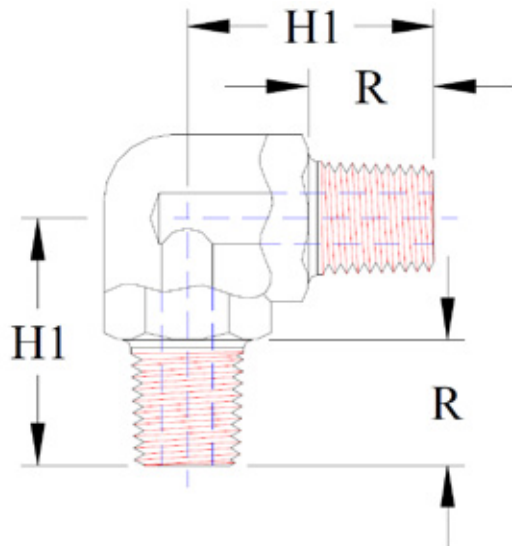
GOMITO MASCHIO  
 MALE ELBOW

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE THREAD	W HEX mm	H1 mm	R mm
12.13.04.01.00010064	1/8	12	20	9.7
12.13.04.01.00010065	1/4	14	28	14.2
12.13.04.01.00010066	3/8	19	31	14.2
12.13.04.01.00010067	1/2	22	37.3	19.1
12.13.04.01.00010068	3/4	27	40.4	19.1



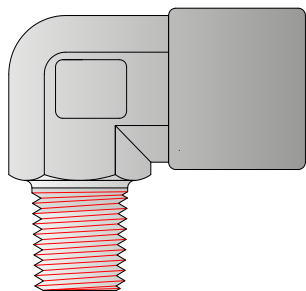


Adattatori per strumentazione  
*Instruments adapters*

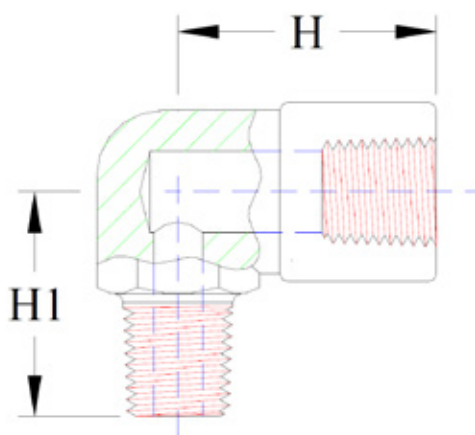
**GOMITO MASCHIO/FEMMINA**  
**MALE/FEMALE ELBOW**

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE/FEMALE THREAD		W HEX mm	H mm	H1 mm
	Male	Female			
12.13.04.01.00010069	1/8	1/8	14	16.8	19.8
12.13.04.01.00010070	1/4	1/8	14	22.4	23.1
12.13.04.01.00010071	1/4	1/4	19	22.4	27.7
12.13.04.01.00010072	3/8	3/8	22	26	31
12.13.04.01.00010073	1/2	1/2	27	31.2	37.3
12.13.04.01.00010074	3/4	3/4	32	34.5	40.4
12.13.04.01.00010075	1	1	41	41.4	50



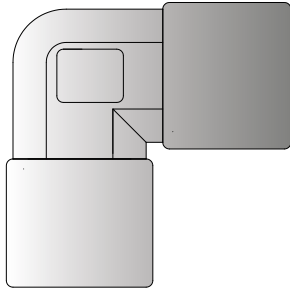


Adattatori per strumentazione  
*Instruments adapters*

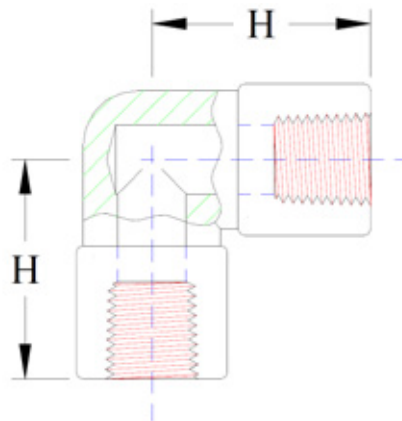
GOMITO FEMMINA  
 FEMALE ELBOW

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT FEMALE THREAD		W HEX	H
			mm	mm
12.13.04.01.00010076	1/8	1/8	17	19.1
12.13.04.01.00010077	1/4	1/8	19	24
12.13.04.01.00010078	1/4	1/4	19	28.7
12.13.04.01.00010079	3/8	1/8	22	26.2
12.13.04.01.00010080	3/8	1/4	22	28.7
12.13.04.01.00010081	3/8	3/8	22	28.7



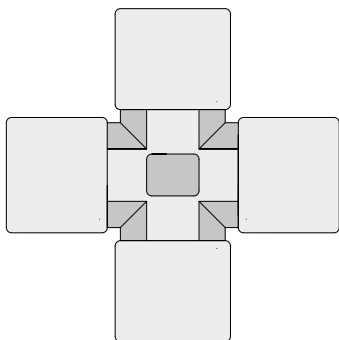


Adattatori per strumentazione  
Instruments adapters

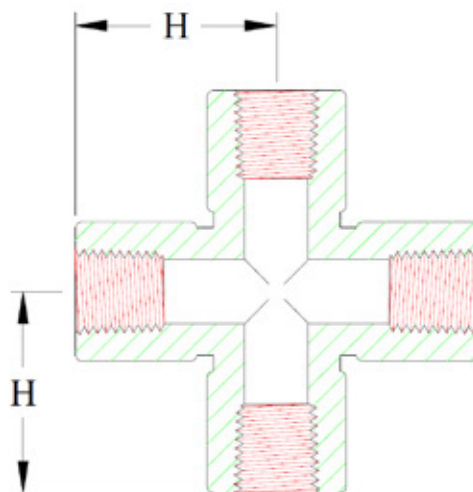
INCROCIO FEMMINA  
FEMALE CROSS

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT FEMALE THREAD	W HEX mm	H mm
12.13.04.01.00010082	1/8	14	16.8
12.13.04.01.00010083	1/4	19	22.4
12.13.04.01.00010084	3/8	22	26
12.13.04.01.00010085	1/2	27	31.2



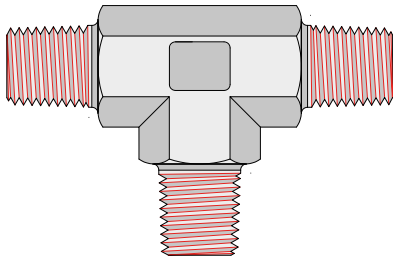


Adattatori per strumentazione  
*Instruments adapters*

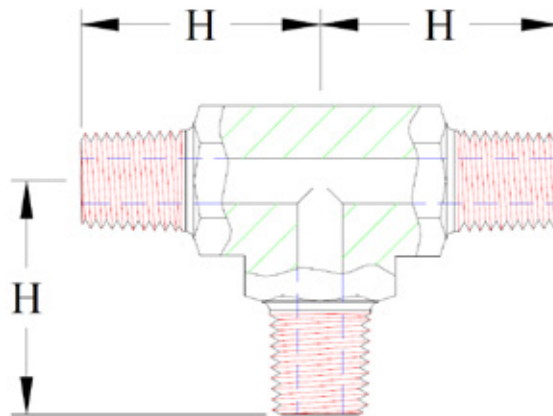
UNIONE A T MASCHIO  
 MALE TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE THREAD	W HEX mm	H mm
12.13.04.01.00010086	1/8	14	19.8
12.13.04.01.00010087	1/4	19	27.7
12.13.04.01.00010088	3/8	22	31
12.13.04.01.00010089	1/2	27	37.3



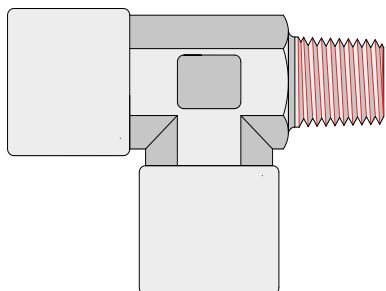


Adattatori per strumentazione  
Instruments adapters

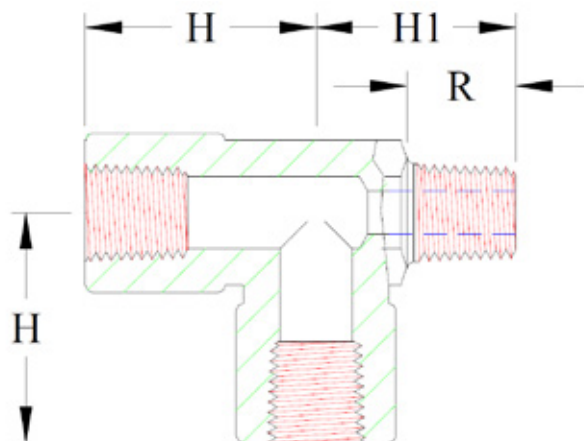
UNIONE A T MASCHIO/FEMMINA  
MALE/FEMALE TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE/FEMALE THREAD	W HEX	H	H1	R
		mm	mm	mm	mm
12.13.04.01.00010090	1/8	14	16.8	19.1	9.7
12.13.04.01.00010091	1/4	19	22.4	27.7	9.7
12.13.04.01.00010092	3/8	22	26	31	14.2
12.13.04.01.00010093	1/2	17	31.2	37.3	19.1



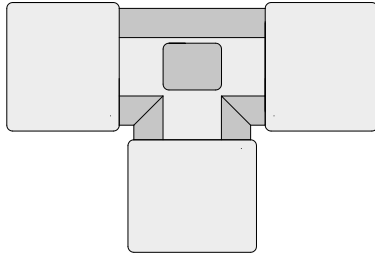


Adattatori per strumentazione  
Instruments adapters

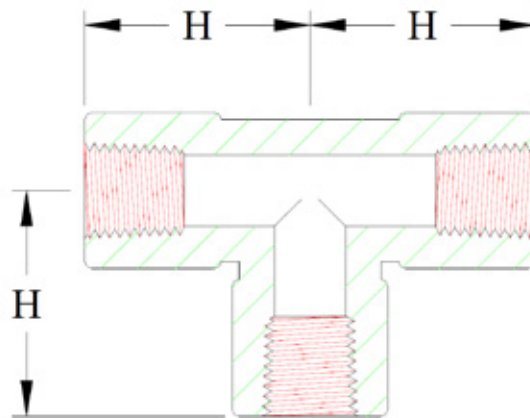
UNIONE A T FEMMINA  
FEMALE TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT FEMALE THREAD	W HEX mm	H mm
12.13.04.01.00010094	1/8	14	16.8
12.13.04.01.00010095	1/4	19	22.4
12.13.04.01.00010096	3/8	22	26
12.13.04.01.00010097	1/2	27	31.2
12.13.04.01.00010098	3/4	32	34.5
12.13.04.01.00010099	1	41	41.4



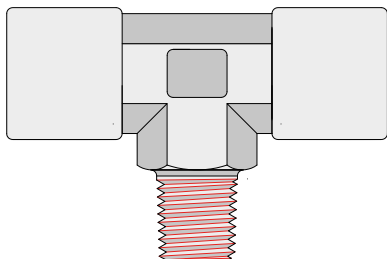


Adattatori per strumentazione  
Instruments adapters

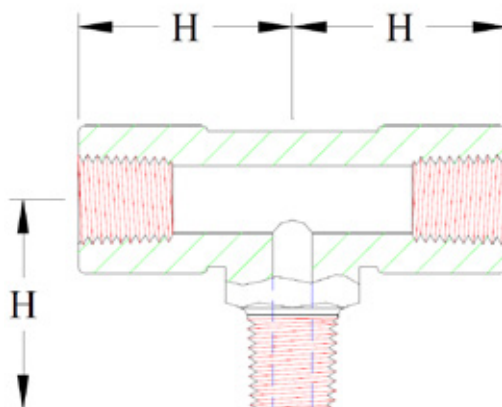
UNIONE A T CON DERIVAZIONE MASCHIO  
MALE BRANCH TEE

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT THREAD	W HEX	H	H1	R
		mm	mm	mm	mm
12.13.04.01.00010100	1/8	14	16.8	19.1	9.7
12.13.04.01.00010101	1/4	19	22.4	27.7	9.7
12.13.04.01.00010102	3/8	22	26	31	14.2
12.13.04.01.00010103	1/2	27	31.2	37.3	19.1





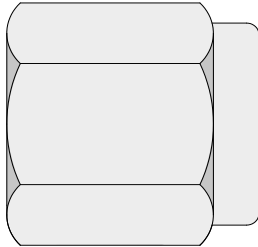


Adattatori per strumentazione  
*Instruments adapters*

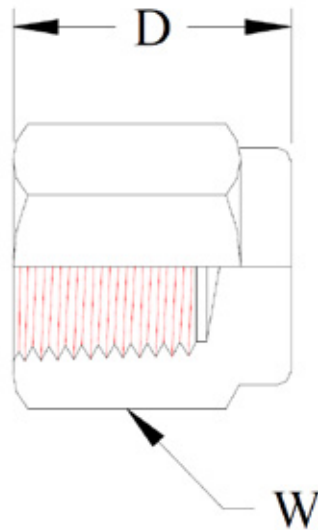
TAPPO FEMMINA  
 FEMALE PLUG

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT FEMALE THREAD	W HEX mm	D mm
12.13.04.01.00010104	1/8	14	19.8
12.13.04.01.00010105	1/4	19	27.7
12.13.04.01.00010106	3/8	22	31
12.13.04.01.00010107	1/2	27	37.3



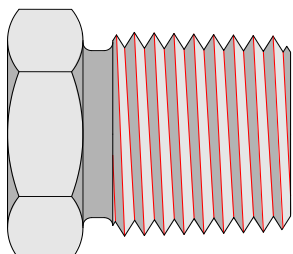


Adattatori per strumentazione  
*Instruments adapters*

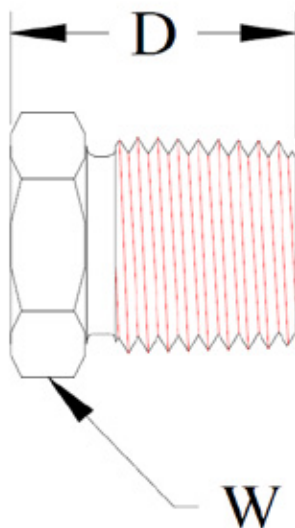
TAPPO MASCHIO  
*MALE PLUG*

**Materiale:** 316/316L

**Material:** 316/316L



CODICE CODE	NPT MALE THREAD	W HEX	D
		mm	mm
12.13.04.01.00010108	1/8	12	14.2
12.13.04.01.00010109	1/4	14	19.1
12.13.04.01.00010110	3/8	17	19.8
12.13.04.01.00010111	1/2	22	24.6
12.13.04.01.00010112	3/4	26	29.2
12.13.04.01.00010113	1	36	34





Tubi senza saldatura in AISI e Rame  
Stainless steel and copper seamless tubes

TUBI IN ACCIAIO INOX SENZA SALDATURA PER STRUMENTAZIONE  
SEAMLESS STAINLESS STEEL FOR INSTRUMENTATION



**Esercizio:** pressioni sotto indicate  
Trafilati a freddo, ricotti, lucidi  
**Dimensioni:** ANSI B36.19  
**Materiale:** STD A 213/269/ TP 316/316L  
**Tolleranze:** - Diametro Esterno + 0.1mm  
- Spessore +10%  
- SRD ASTM A 450

**Lunghezza commerciale:** Circa Mt. 6 per barre std. EN 10.204.3.1.B - Circa 100 Mt per rotoli

**Durezza:** Rb 80 o meno

**Marcatura:** Su tutta la lunghezza longitudinale del tubing

**Service:** Rating under indication  
Cold wire drawn, annealed polished

**Dimensions:** ANSI B36.19

**Material:** STD A 213/269/ TP 316/316L

**Tolerance:** -  $\emptyset$  External + 0.1 mm

- Thickness + 10%

- SRD ASTM A 450

**Commercial length:** About mtr. 6 for rod std. EN 10.204.3.1.B - About mtr 100 for roll

**Hardness:** Rb 80 or lower

**Marking:** All longitudinal tubing length

SERIE IN POLLICI, IN BARRE E ROTOLI - INCH SERIES, RODS AND ROLLS

CODICE CODE	$\emptyset$ POLL $\emptyset$ INCH.	SPESSORE PARETE	PRESSIONE
		WALL THICKNESS	PRESSURE
		Inch.	Bar
12.15.01.01.00010001	1/4"	0.028"	280
12.15.01.01.00010002	1/4"	0.035"	352
12.15.01.01.00010003	1/4"	0.049"	490
12.15.01.01.00010004	1/4"	0.065"	652
12.15.01.01.00010005	3/8"	0.028"	187
12.15.01.01.00010006	3/8"	0.035"	234
12.15.01.01.00010007	3/8"	0.049"	326
12.15.01.01.00010008	3/8"	0.065"	434
12.15.01.01.00010009	1/2"	0.028"	140
12.15.01.01.00010010	1/2"	0.035"	176
12.15.01.01.00010011	1/2"	0.049"	245
12.15.01.01.00010012	1/2"	0.065"	326
12.15.01.01.00010013	3/4"	0.035"	117
12.15.01.01.00010014	3/4"	0.049"	163
12.15.01.01.00010015	3/4"	0.065"	217
12.15.01.01.00010016	3/4"	0.083"	278
12.15.01.01.00010017	1"	0.049"	123
12.15.01.01.00010018	1"	0.065"	163
12.15.01.01.00010019	1"	0.083"	208

SERIE METRICA, IN BARRE E ROTOLI - METRIC SERIES, RODS AND ROLLS

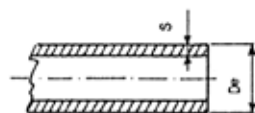
CODICE CODE	$\emptyset$ mm	SPESSORE PARETE	PRESSIONE
		WALL THICKNESS	PRESSURE
		mm	Bar
12.15.01.01.00010020	6	1	418
12.15.01.01.00010021	6	1.5	627
12.15.01.01.00010022	8	1	314
12.15.01.01.00010023	8	1.5	470
12.15.01.01.00010024	10	1	251
12.15.01.01.00010025	10	1.5	376
12.15.01.01.00010026	12	1	209
12.15.01.01.00010027	12	1.5	314
12.15.01.01.00010028	12	2	418

A richiesta disponibili altri spessori e diametri.  
On request other thickness and diameters available.



Tubi senza saldatura in AISI e Rame  
Stainless steel and copper seamless tubes

**TUBO DI RAME A PARETE SOTTILE**  
**COPPER TUBE WITH THIN WALL**



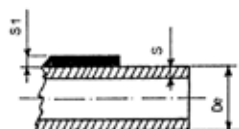
**T 35**



Tubo in rame trafilato e ricotto  
Secondo UNI 6507  
De: 6 - 8 10 12 mm  
**Tolleranze:** su De +/- 0.05 mm - su spessore (S) +/- 10%

*Copper tube draw and annealed  
According to UNI 6507  
De: 6 - 8 10 12 mm  
**Tolerance:** su De +/- 0.05 mm - on thickness (S) +/- 10%*

CODICE CODE	DIMENSIONE DIMENSIONS	TOLLERANZE TOLERANCE			SEZIONE SECTION		PESO WEIGHT	PRESS. MAX MAX SERVICE PRESSURE
		Ø Est. mm.	Ø Int. mm	Spess. Thik. mm	luce - light m <sup>2</sup>	Rame- Copper		
12.15.01.11.00010001	6 x 1	± 0.08	± 0.15	± 0.10	12.6	15.7	0.140	200
12.15.01.11.00010002	8 x 1	± 0.08	± 0.15	± 0.10	28.3	21.9	0.196	136
12.15.01.11.00010003	10 x 1	± 0.08	± 0.10	± 0.10	28.3	28.3	0.252	100
12.15.01.11.00010004	12 x 1	± 0.10	± 0.10	± 0.10	34.5	34.5	0.307	80



**T 33**



**TUBO IN RAME A PARETE SOTTILE RIVESTITO IN PVC**  
**COPPER TUBE WITH THIN WALL PVC COATED**

Tubo di Rame trafilato e ricotto rivestito in PVC qualità RZ secondo UNI 5649 Parte 1  
De. 6 mm - PVC colore nero  
De. 8 mm - PVC colore nero  
De. 10 mm - PVC colore nero  
De. 12 mm - PVC colore nero  
**Tolleranze Tubo:** su De +/- 0.05 mm su spessore (S) +/- 10%

*Copper tube draw and annealed covered with PVC RZ according to UNI 5649 Parte 1  
De. 6 mm - PVC Black clour  
De. 8 mm - PVC Black clour  
De. 10 mm - PVC Black clour  
De. 12 mm - PVC Black clour  
**Tolerances Tube:** on Ed +/- 0.05 mm on thickness (S) +/- 10%*

CODICE CODE	DIMENSIONE DIMENSIONS	SEZIONE SECTION			PESO WEIGHT	PRESS. MAX MAX SERVICE PRESSURE
		Ø Est. mm.	luce - light m <sup>2</sup>	Rame- Copper		
12.15.01.11.00010005	6 x 1	± 8	12.6	15.7	0.140	0.185
12.15.01.11.00010006	8 x 1	± 10	28.3	21.9	0.196	0.240
12.15.01.11.00010007	10 x 1	± 12	50.3	28.3	0.236	0.300
12.15.01.11.00010008	12 x 1	± 14	78.5	34.5	0.307	0.370



Member of  NIEDAX GROUP

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