



**Catalogo Generale . General Catalogue**

### Prevenire e' meglio che curare. Parola di Mini Press.

Mini Press e' nata nel 1991 con un obiettivo chiaro e preciso: risolvere il problema del controllo della pressione e del monitoraggio dei fluidi negli impianti oleodinamici.

Dopo una lunga esperienza nel settore, Dario Corsi, fondatore dell'Azienda, ha affrontato una delle principali cause di inefficienza del macchinario mobile: il buon funzionamento di macchine estremamente complesse e costose poteva essere ostacolato da un banale problema di riduzione o modificazione della pressione dei fluidi. La soluzione piu' ovvia, ma non per questo la piu' scontata, e' stata quella di mettere



Dario e Davide Corsi

a punto uno specifico sistema diagnostico che potesse garantire, in qualsiasi momento, luogo e condizione (anche la piu' estrema), la verifica immediata della pressione all'interno dell'impianto, senza interromperne l'attivita'. In quasi venticinque anni di attivita', Mini Press, perfezionando il proprio sistema diagnostico, ha saputo raccogliere l'attenzione e il favore dei costruttori piu' accorti diventando, nel settore, uno dei principali e piu' qualificati produttori al mondo.

Il sistema Mini Press, impiantato all'origine, offre la migliore garanzia di efficienza, sicurezza e durata per tutte le macchine su cui viene installato.

Se la migliore cura e' la prevenzione, i prodotti e il sistema diagnostico di Mini Press sono un'ottima soluzione per evitare inconvenienti di funzionalita' e costosi interventi di riparazione elevando, contemporaneamente, lo standard qualitativo e prestazionale delle vostre macchine.

### Prevention is better than cure. The Mini Press philosophy.

Mini Press aim and mission, ever since it was founded in 1991, has been one and one only: solving the problem of pressure control and monitoring fluids inside hydraulic systems.

After a life long experience in the field, Mr Dario Corsi, the company founder, decided to tackle one of the most common causes of mobile machineries inefficiency: the proper functioning of even the most complex and expensive machines could be thwarted or hindered by a sudden and simple reduction or change in the fluid pressure. The most obvious solution to this problem, but not the simplest, was to create a specific testing system that would allow the immediate control of the pressure inside the machine, without stopping its functioning, at any moment of the working process, in any place, or under any conditions (even the most extreme).

In almost twentyfive years of activity, Mini Press has been able to establish itself as one of the major and most qualified producers of hydraulic testing equipment in the world. All of this was achieved through hard work at refining and improving its testing system, and by catching the attention and finding favour with the most attentive and significant manufacturing companies. Mini Press testing method, devised in-house, guarantees efficiency, safety and endurance for all the machines to which it is installed at construction.

If prevention is always better than cure, Mini Press products and diagnostic testing method are excellent for avoiding any future malfunctioning and expensive repairs and at the same time they can increase the quality and the performance of your machines.

### Qualita', efficienza e rapidita' delle forniture.

Il nuovo "quartier generale" di Mini Press si sviluppa nella provincia bolognese, in Emilia, nel cuore della "valle dell'oleodinamica" italiana. L'organizzazione si e' qui dotata di nuove tecnologie produttive e di controllo ad altissima qualita' che, unitamente all'esperienza maturata nel tempo, le permettono di offrire un prodotto e un servizio apprezzati in tutto il mondo.

La soddisfazione del cliente e' da sempre, il nostro obiettivo primario. E' per questo motivo che oggi, chiunque ci conosca, sa che Mini Press non e' solo un ottimo produttore di sistemi diagnostici ma, soprattutto e'un vero e proprio partner commerciale di cui ci si puo', sempre e comunque, fidare.

### Quality, efficiency and speed in supplying.

Mini Press new "headquarters" are based in Bologna area, located in Emilia, the heart of the Italian "hydraulic valley". The new location is equipped with the latest technologies for production and the highest quality control. All of this, along with the experience gained over the years, enables Mini Press to offer products and service valued worldwide. Customer's satisfaction has always been our main aim and whoever knows us is well aware that not only are we excellent producers of pressure testing systems but above all Mini Press is a true business partner, on whom one can always rely on.



**MINIPRESS**  
DIAGNOSTIC SYSTEMS

### "Rapid System", il piu' perfetto sistema di diagnostica per impianti oleodinamici.

Con tutta l'esperienza e il know-how di cui dispone, Mini Press ha messo a punto "Rapid System", una gamma completa di componenti miniaturizzati che consentono di monitorare ogni singolo sistema, localizzando tempestivamente il problema e impedendo l'insorgenza di altre complicazioni. "Rapid System" puo' essere utilizzato nelle fasi di collaudo, nelle operazioni di spurgo, di prelievo di campioni di fluido, nella manutenzione e nell'assistenza senza interrompere l'attivita' dell'impianto. Il sistema, riducendo notevolmente gli interventi sulle macchine, permette un considerevole risparmio di tempo e risorse, aumentando nel contempo la sicurezza per l'utilizzatore finale. "Rapid System" è l'unica soluzione che, al momento, permette un controllo realmente affidabile degli impianti oleodinamici, incrementando il valore intrinseco delle macchine su cui viene installato.

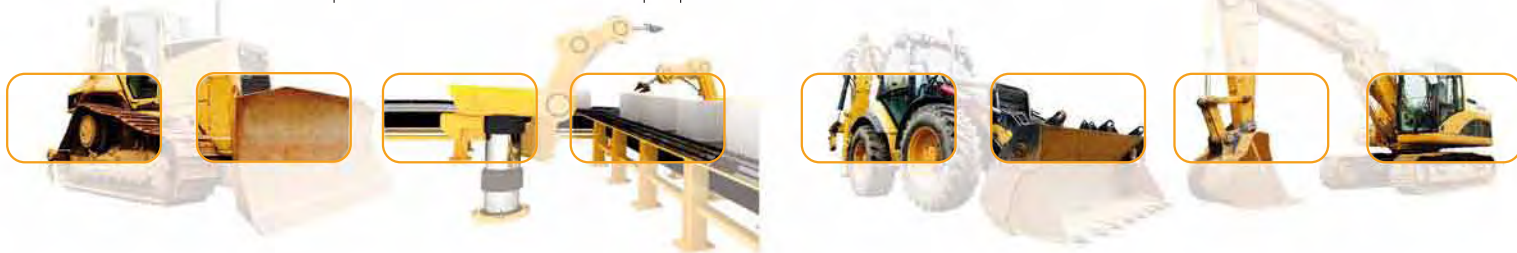
### "Rapid System", the most perfect diagnostic system for hydraulic plants.

With all its experience and know-how, Mini Press created and finely tuned "Rapid System", a complete range of miniaturized components which allow a constant monitoring and immediate control on any hydraulic equipment. By localizing immediately any problem in the system it avoids any further complications. "Rapid System" can be used at any time during the phases of testing, bleeding, fluid sampling, maintenance and assistance, without stopping the functioning of the plant. Thus reducing the amount of time and resources spent on servicing the machines, and at the same time further insures the operators' safety.

"Rapid System" is the only solution that enables a reliable and effective control of hydraulics plants and at the same time increases the intrinsic value of the machine to which it is installed.

### A disposizione di un mondo di costruttori.

I prodotti e i sistemi Mini Press possono essere applicati a qualsiasi tipo di macchinario mobile. Una fitta rete di rivenditori puo' garantire la fornitura alle Aziende costruttrici di tutti i principali settori (agricolo, industriale, edile e dei trasporti) e in tutti i Paesi del mondo. L'incredibile rapporto costo/benefici dei prodotti Mini Press puo' mettere qualsiasi costruttore nelle condizioni di elevare notevolmente gli standard qualitativi e di sicurezza delle proprie macchine.



### At the Manufacturer's service.

Mini Press products and systems can be applied to any type of mobile machine. With our comprehensive distribution network, we can supply everywhere in the world, in all the main sectors: agricultural, industrial, building construction or transport and in each sector the manufacturer can increase the quality and safety of their machines, thanks to the amazing cost/benefits ratio of our products.



I nostri prodotti. Our products.



Miniprese prova pressione  
Test couplings for pressure control



Tubo capillare alta pressione e raccordi  
High pressure micro-hose and fittings



Strumenti di controllo digitali  
Digital instruments for Pressure testing



Strumenti portatili prova pressione  
Portable pressure test kits



Manometri  
Pressure gauges



Rubinetti esclusori per protezione manometro  
Anti-shock valves for gauges protection



Misuratori di portata in linea  
High pressure in-line flow indicators



Pressa idraulica per microtubi  
Hydraulic crimping machine for microhoses

Mini Press nel mondo.

Mini Press fornisce ed assiste i propri clienti, direttamente o attraverso concessionari di fiducia, nei principali mercati a livello mondiale:

Argentina, Australia, Austria, Belgio, Bulgaria, Cile, Cina, Danimarca, Dubai, Egitto, Francia, Germania, Gran Bretagna, Grecia, India, Irlanda, Islanda, Israele, Libano, Nuova Zelanda, Olanda, Polonia, Portogallo, Rep. Ceca, Romania, Russia, Scandinavia, Slovacchia, Slovenia, Spagna, Stati Uniti, Sud Africa, Svizzera, Tunisia, Turchia.

Mini Press Worldwide.

Mini Press supply products and assistance to its customers in the main markets around the World, directly or through appointed agents and distributors:

Argentina, Australia, Austria, Belgium, Bulgaria, Chile, Czech Republic, Denmark, Dubai, Egypt, France, Germany, Great Britain, Greece, Holland, Iceland, India, Ireland, Israel, Lebanon, New Zealand, Poland, Portugal, Romania, Russia, Scandinavia, Slovakia, Slovenia, Spain, South Africa, Switzerland, U.S.A, Tunisia, Turkey.



**MINIPRESS**  
DIAGNOSTIC SYSTEMS



- 2 **Miniprese prova pressione**  
*Test couplings for pressure checking*



- 16 **Tubo capillare per alta pressione e raccordi**  
*Micro hose for high pressure and fittings*



- 35 **Strumenti di controllo digitali**  
*Digital instruments for pressure testing*



- 37 **Strumenti portatili prova pressione**  
*Portable hydraulic instruments for pressure testing*



- 39 **Manometri**  
*Pressure gauges*



- 40 **Rubinetti esclusori protezione manometro**  
*Pressure gauge anti-shock valves*



- 42 **Misuratori di portata in linea**  
*High pressure in-line flow indicators*



- 43 **Pressa idraulica per microtubi**  
*Hydraulic crimping machine for microhoses*





**Applicazioni:**

- Controllo pressione
- Lubrificazione
- Spurgo aria
- Prelievo campioni olio

**Applications:**

- Pressure control
- Lubrication
- Air bleeding
- Oil sampling

**Materiale:**

Acciaio al carbonio zincato  
(Acciaio inox AISI 316, disponibile su richiesta)

**Materials:**

Galvanised carbon steel  
(Stainless steel AISI 316 is available on request)

**Guarnizioni:**

NITRILE BUNA N (NBR)  
(VITON, disponibili su richiesta)  
Temperatura di esercizio:  
-30°C...+125°C (NITRILE)  
-25°C...+230°C (FKM)

**Sealing:**

NITRILE BUNA N (NBR)  
FKM – VITON (on request)  
Working temperature:  
-30°C...+125°C (NITRILE BUNA N)  
-25°C...+230°C (FKM)



**Fluidi:**

Olio idraulico  
Olio a base minerale  
Compatibilità con altri fluidi a richiesta

**Fluids:**

Hydraulic oils  
Mineral oils  
Suitability with other fluids on request

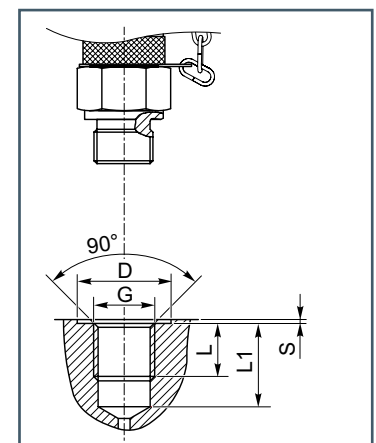
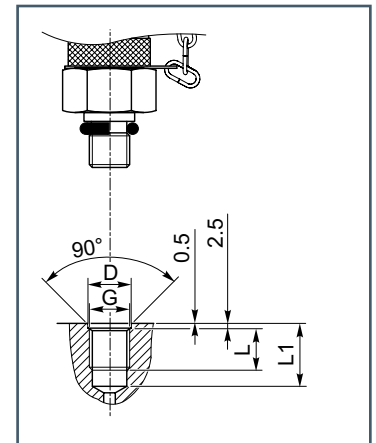
**Esecuzione dei fori filettati e tipi di tenuta**  
**Hole screw-cuts and sealing types**

Type **A**

Tenuta con O-Ring O-Ring sealing	G	D	L	L1
M 8x1		9.5	11	15.5
M 10x1		11.5	12	16.5
M 10x1.25		11	12	16.5
M 14x1.5		15.8	12	18

Type **B**

Tenuta con spigolo metallico di incisione Metal sealing edge	G	Dmin	Lmin	L1min	Smax
M 8x1		13	8	10	1
M 10x1		15	8	10	1
M 12x1.5		18	12	15	1.5
M 14x1.5		20	12	15	1.5
M 16x1.5		23	12	15	1.5
M 18x1.5		25	12	15	2
M 20x1.5		27	14	17	2
M 22x1.5		28	14	17	2.5
M 27x2		33	16	20	2.5
ISO 228 G 1/8"		15	8	10	1
ISO 228 G 1/4"		20	12	15	1
ISO 228 G 3/8"		23	12	15	2
ISO 228 G 1/2"		28	14	18	2.5
ISO 228 G 3/4"		33	16	20	2.5



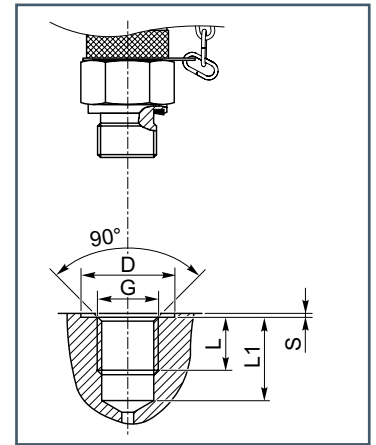




Type **C**

Tenuta con guarnizione piana  
Flat gasket sealing

G	D	L	L1	S
M 10x1	15	8	10	1
M 10x1,25	15	8	10	1
M 12x1.5	18	12	15	1.5
M 14x1.5	20	12	15	1.5
M 16x1.5	23	12	15	1.5
ISO 228 G 1/8"	15	8	10	1
ISO 228 G 1/4"	20	12	15	1.5
ISO 228 G 3/8"	23	12	15	2
ISO 228 G 1/2"	28	14	18	2.5

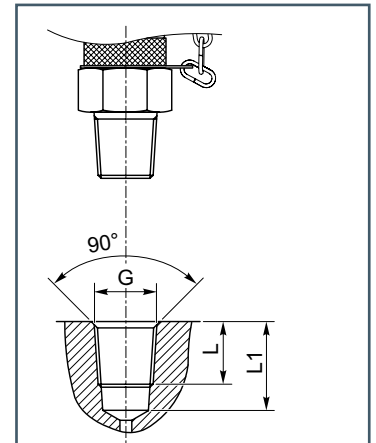


Type **D**

Tenuta:  
- Gas conico ISO 7/1  
- Conico NPTF

Sealing by thread:  
- B.S.P. Taper ISO 7/1  
- Taper NPTF

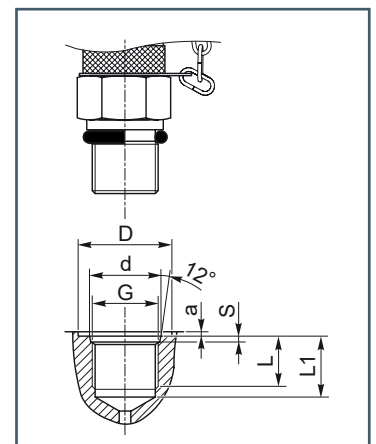
G	L	L1
ISO 7/1 1/8"	5.5	8.5
ISO 7/1 1/4"	8.5	12.5
ISO 7/1 3/8"	8.5	12.5
1/8"-27 NPTF	9	14
1/4"-18 NPTF	9	18.5
3/8"-18 NPTF	14	20
1/2"-14 NPTF	18	24



Type **E**

Tenuta con guarnizione UNF  
UNF O-Ring sealing

G	d	D	L	L1	S	a
5/16"-24 UNF	9,2	15	11	14	2,4	1,6
3/8"-24 UNF	10,6	16	11	14	2,4	1,6
7/16"-20 UNF	12,4	17	11,5	14	2,4	1,6
1/2"-20 UNF	14	18	11,5	14	2,4	1,6
9/16"-18 UNF	15,6	20	12,7	15,5	2,5	1,6
3/4"-16 UNF	20,5	25	16	20	2,6	2,4





Come ordinare

How to order

Per ordinare i componenti indicare il codice riportato nelle tabelle per ogni configurazione indicando l'eventuale lettera attribuita all'opzione desiderata.

Please indicate the code shown in the required form chart, and add, if necessary, the letter of the chosen option.

Configurazione / Form

Tappo metallo con catenella e sistema interno di tenuta a sfera  
Metal cap with chain and ball sealing system

Eliminare "S1" nel codice / Delete "S1" in the ref. XXXXXXXXC

Tappo/Cap: Lettera "C" nel codice / "C" in the ref. XXXXXXXXC

Tappo metallo con catenella e sistema interno di tenuta a pistone  
Metal cap with chain and poppet valve sealing system

Lasciare "S1" nel codice / Put "S1" in the ref. S1XXXXXXXXC

Tappo/Cap: Lettera "C" nel codice / "C" in the ref. S1XXXXXXXXC

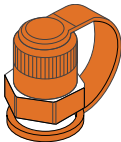
Opzioni / Options



**O**

Tappo metallo. laccio in plastica / Metal cap with plastic binder

Sostituire nel codice "C" con "O" / Replace "C" with "O" XXXXXXXXO



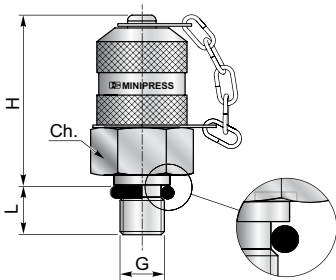
**P**

Tappo in plastica / Plastic cap

Sostituire nel codice "C" con "P" / Replace "C" with "P" XXXXXXXXP

Miniprese filettate M16x2

Threaded test couplings M16x2



G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Metrica cilindrica / Metric parallel						
M8x1*	37	8.5	17	250	O-Ring Type <b>A</b>	S10108X10C
M10x1*	37	8.5	17	630		S10110X10C
M10x1.25	37	9	17	630		S10110X12C
M14x1.5	37	10	19	630		S10114X15C
M14x1.5 ISO6149	37	10	19	630		S101146149C
ISO 228 JIS 1/4"	37	10	19	630		S10714J00C
Metrica cilindrica / Metric parallel						
7/16"-20UNF*	37	9	17	630	O-Ring Type <b>E</b>	S10171X20C
1/2"-20UNF*	37	10	17	630		S10112X20C
9/16"-18UNF*	37	10	19	630		S10191X18C
3/4"-16UNF	37	14	22	630		S10134X16C
5/16"-24UNF*	37	9	17	630		S10151X24C
3/8"-24UNF	37	9	17	630		S10138X24C

\*Disponibili in INOX / Available in Stainless steel

Opzioni/Options

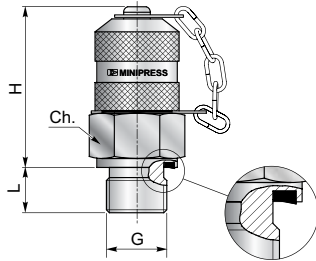
**O**

**P**



**Minipresa filettata M16x2**

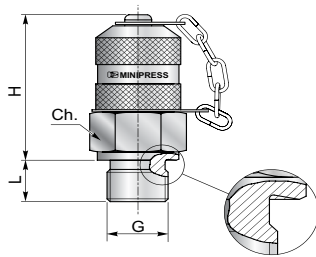
**Threaded test coupling M16x2**



G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
<i>Metrica cilindrica / Metric parallel</i>						
M 10x1*	37	8	17	630	Type <b>C</b>	S10410X10C
M 10x1.25	37	8	17	630		S10410X12C
M 10x1.5	37	12	17	630		S10410X15C
M 12x10	37	12	17	630		S10612X10C
M 12x1.5*	37	12	17	630		S10612X15C
M 14x1.5*	37	12	19	630		S10614X15C
M16x1.5*	37	12	22	630		S10616X15C
<i>Gas cilindrica / B.S.P. parallel</i>						
ISO 228 G 1/8" *	37	8	17	630	Type <b>C</b>	S10718G00C
ISO 228 G 1/4" *	37	12	19	630		S10714G00C
ISO 228 G 3/8" *	37	12	22	630		S10738G00C
ISO 228 G 1/2" *	37	14	27	630		S10712G00C

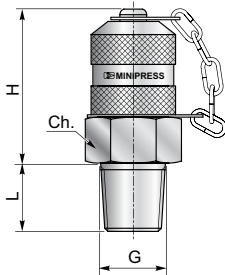
\*Disponibili in INOX / Available in Stainless steel

Opzioni/Options



G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
<i>Metrica cilindrica / Metric parallel</i>						
M 8X1	37	8	17	630	Type <b>B</b>	S10308X10C
M 10X1	37	8	17	400		S10310X10C
M 12X1.5	37	12	17	630		S10312X15C
M 14X 1.5	37	12	19	630		S10314X15C
M 16X1.5	37	12	22	630		S10316X15C
M 18X1.5	37	12	27	630		S10318X15C
M 20X1.5	37	14	27	630		S10320X15C
M 22X1.5	37	14	27	630		S10322X15C
M 27X2	37	16	32	630	S10327X20C	
<i>Gas cilindrica / B.S.P. parallel - Forma B / Form B</i>						
ISO 228 G 1/8"	37	8	17	400	Type <b>B</b>	S10418G00C
ISO 228 G 1/4"	37	12	19	630		S10414G00C
ISO 228 G 3/8"	37	12	22	630		S10438G00C
ISO 228 G 3/4"	37	16	32	630		S10434G00C
ISO 228 G 1/2"	37	14	27	630		S10412G00C
ISO 228 G 1 1/4"	59.5	20	50	160		S104114G0C
G 1/4" BS5200	37	11	19	630		S10714B00C

Opzioni/Options



G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
<i>GAS conica / B.S.P taper</i>						
ISO 7/1 R 1/8" *	37	10	17	400	Type <b>D</b>	S10818280C
ISO 7/1 R 1/4" *	37	12	19	630		S10814190C
ISO 7/1 R 3/8"	37	14	22	630		S10838190C
<i>NPTF / NPTF</i>						
1/8"-27 NPTF*	37	10	17	400	Type <b>D</b>	S10918270C
1/4"-18 NPTF*	37	17	17	630		S10914180C
3/8"-18 NPTF*	37	16	22	630		S10938180C
1/2"-14 NPTF*	37	17	24	630		S10912140C

\*Disponibili in INOX / Available in Stainless steel

Opzioni/Options

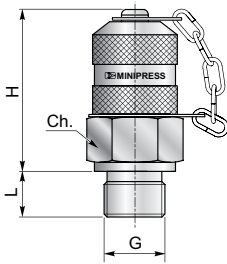




Minipresa filettata M 16x1.5

Threaded test coupling M 16x1.5

M16x1.5



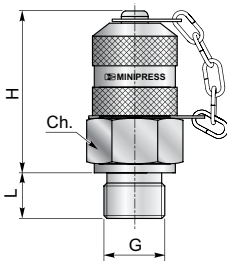
G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Metrica cilindrica / Metric parallel						
M 8x1	37	8.5	17	250	O-Ring Type	S10108X10150C
M 10x1	37	8.5	17	630	<b>A</b>	S10110X10150C
M 14X1.5	37	12	19	630	Type <b>C</b>	S10614X15150C
7/16"-20UNF	37	9	17	630	O-Ring Type <b>E</b>	S10171X20150C
Gas cilindrica / B.S.P. parallel						
ISO 228 G 1/4" *	37	12	19	630	Type <b>C</b>	S10714150C
ISO 228 G 1/8"	37	8	17	630	<b>C</b>	S10718150C
ISO 228 G 1/4"	37	12	19	630	Type <b>B</b>	S10414150C
Gas conica / B.S.P. Tapir						
ISO 7/1 R 1/4"	37	12	19	630	Type <b>D</b>	S10814150C
NPTF / NPTF						
1/4"-18NPTF*	37	14	17	630	Type <b>D</b>	S10914150C

\*Disponibili in INOX / Available in Stainless steel

Minipresa filettata S12.65x1.5

Threaded test coupling S12.65x1.5

S12.65x1.5



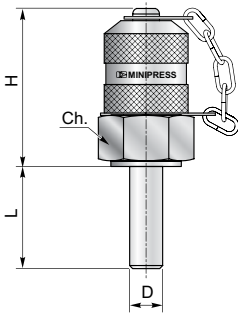
G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Metrica cilindrica / Metric parallel						
M 8x1	30	8.5	14	630	O-Ring Type	S10108X10120C
M 10x1	30	8.5	14	630	<b>A</b>	S10110X10120C
M 10x1	30	8	17	630	Type	S10410X10120C
M 12x1,5	30	12	17	630	<b>C</b>	S10612X15120C
5/16"-24UNF	30	9	17	630	O-Ring Type	S10151X24120C
7/16"-20UNF	30	9	17	630	<b>E</b>	S10171X20120C
Gas cilindrica						
ISO 228 G 1/4"	30	8	19	630	Type	S10714120C
ISO 228 G 1/8"	30	8	17	630	<b>C</b>	S10718120C
NPTF / NPTF						
1/4"-18 NPTF	30	17	17	630	Type <b>D</b>	S10914120C





### Minipresa a codolo liscio M 16x2

#### Standpipe test coupling M16X2



D	H	L	Ch	PN [bar]		Codice/Ref.
				Series L	Series S	
6*	37	20	17	315	630	S11206000C
8	37	20	17	315	630	S11208000C
10	37	20	17	315	630	S11210000C
12	37	20	17	315	630	S11212000C
14	37	20	17	—	630	S11214000C
15	37	20	17	315	—	S11215000C
16	37	20	17	—	400	S11216000C

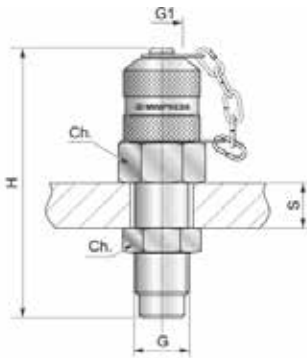
\*Disponibili in INOX /  
Available in Stainless steel

Opzioni/Options



### Minipresa passaparete M 16x2

#### Bulkhead test coupling M 16x2



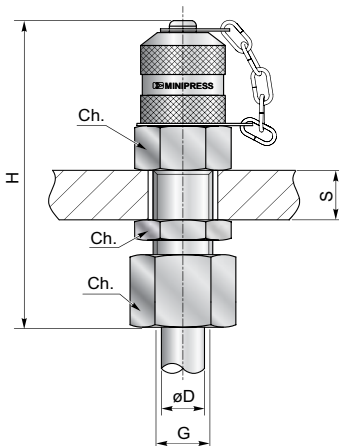
G1	G1	H	Ch	S max	PN [bar]	Codice/Ref.
M 16x2	M 16x2	74.5	19	25	630	S122PP000C
S12.65x1.5	S12.65x1.5	63	19	12	630	S122PP120C

Opzioni/Options



### Minipresa passaparete per tubo metallico M 16x2

#### Bulkhead test coupling for metal pipe fitting M 16x2



Serie / Series	D	G	H	Ch	Ch 1	S max	PN [bar]	Codice/Ref.
S	8*	M 16x1.5	80	19	19	20	630	S11616X15C
	10	M 18x1.5	82	22	22	20	630	S11618X15C
	12	M 20x1.5	84	24	24	20	630	S11620X15C

\*Disponibili in INOX /  
Available in Stainless steel

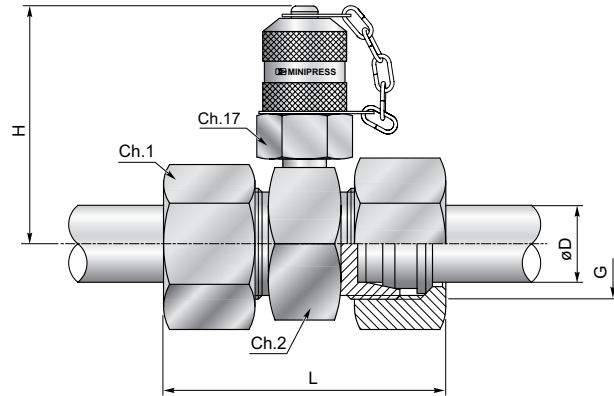
Opzioni/Options





Minipresa raccordo intermedio diritto per tubo metallico

Straight test coupling for metal pipe fitting



Serie / Series	D	G	H	L	Ch 1	Ch 2	PN [bar]	Codice/Ref.	Codice/Ref.	Codice/Ref.
Raccordi ad anello / Ring fittings								M16x2*	M16x1.5	S12.65x1.5
L	6	M 12x1.5	49	57	14	24	250	S11306000C	S11306150C	S11306120C
	8	M 14x1.5	49	51	17	24	250	S11308000C	S11308150C	S11308120C
	10	M 16x1.5	49	53	19	24	250	S11310000C	S11310150C	S11310120C
	12	M 18x1.5	49	53	22	24	250	S11312000C	S11312150C	S11312120C
	15	M 22x1.5	50.5	55	27	27	250	S11315000C	S11315150C	S11315120C
	18	M 26x1.5	53	57	32	32	100	S11318000C	S11318150C	S11318120C
	22	M 30x2	53	61	36	32	160	S11322000C	S11322150C	S11322120C
	28	M 36x2	57.5	61	41	41	100	S11328000C	S11328150C	S11328120C
	35	M 45x2	60	69	50	46	100	S11335000C	S11335150C	S11335120C
42	M 52x2	64.5	71	60	55	100	S11342000C	S11342150C	S11342120C	
S	6	M 14x1.5	49	55	17	24	630	S11406000C	S11406150C	S11406120C
	8	M 16x1.5	49	55	19	24	630	S11408000C	S11408150C	S11408120C
	10	M 18x1.5	49	57	22	24	630	S11410000C	S11410150C	S11410120C
	12	M 20x1.5	49	57	24	24	630	S11412000C	S11412150C	S11412120C
	14	M 22x1.5	49	63	27	27	630	S11414000C	S11414150C	S11414120C
	16	M 24x1.5	52	63	30	27	400	S11416000C	S11416150C	S11416120C
	20	M 30x2	53	69	36	32	400	S11420000C	S11420150C	S11420120C
	25	M 36x2	57.5	75	46	41	400	S11425000C	S11425150C	S11425120C
	30	M 42x2	60	81	50	46	250	S11430000C	S11430150C	S11430120C
38	M 52x2	63	96	60	55	250	S11438000C	S11438150C	S11438120C	

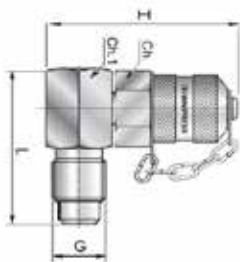
\*Versione M16x2 disponibile in INOX / M16x2 version available in Stainless Steel

Opzioni/Options



Minipresa filettata M 16x2 a 90°

90° Threaded test coupling M 16x2



G	L	H	Ch	Ch1	Codice/Ref.
ISO 228 G1/4"	39	55.4	17	19	S10714G90C

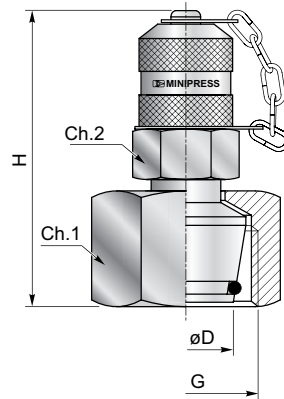
Opzioni/Options





**Minipresa tipo DKO codolo conico 24° con O-Ring**

Test coupling with 24° O-Ring sealing cone DKO type



Serie / Series	D	G	H	Ch 1	Ch 2	PN [bar]	Codice/Ref.	Codice/Ref.	Codice/Ref.
							M16x2*	M16x1.5	S12.65x1.5
L	6	M 12x1.5	53	14	17	250	S11012X15C	S11012X15150C	S11012X15120C
	8	M 14x1.5	55	17	17	250	S11014X15C	S11014X15150C	S11014X15120C
	10	M 16x1.5	55.5	19	19	250	S11016X15C	S11016X15150C	S11016X15120C
	12	M 18x1.5	56.5	22	19	250	S11018X15C	S11018X15150C	S11018X15120C
	15	M 22x1.5	59	27	22	250	S11022X15C	S11022X15150C	S11022X15120C
	18	M 26x1.5	59	32	22	160	S11026X15C	S11026X15150C	S11026X15120C
	22	M 30x2	59	36	27	160	S11030X20C	S11030X20150C	S11030X20120C
	28	M 36x2	60	41	17	100	S11035X20C	S11035X20150C	S11035X20120C
	35	M 45x2	62	50	17	100	S11045X20C	S11045X20150C	S11045X20120C
42	M 52x2	65	60	17	100	S11052X20C	S11052X20150C	S11052X20120C	
S	6	M 14x1.5	54	17	17	630	S11114X15C	S11114X15150C	S11114X15120C
	8	M 16x1.5	56	19	17	630	S11116X15C	S11116X15150C	S11116X15120C
	10	M 18x1.5	56.5	22	19	630	S11118X15C	S11118X15150C	S11118X15120C
	12	M 20x1.5	58	24	19	630	S11120X15C	S11120X15150C	S11120X15120C
	14	M 22x1.5	59	27	17	400	S11122X15C	S11122X15150C	S11122X15120C
	16	M 24x1.5	56	30	22	400	S11124X15C	S11124X15150C	S11124X15120C
	20	M 30x2	57	36	27	400	S11130X20C	S11130X20150C	S11130X20120C
	25	M 36x2	65	46	17	400	S11136X20C	S11136X20150C	S11136X20120C
	30	M 42x2	65	50	17	250	S11142X20C	S11142X20150C	S11142X20120C
38	M 52x2	65	60	17	250	S11152X20C	S11152X20150C	S11152X20120C	

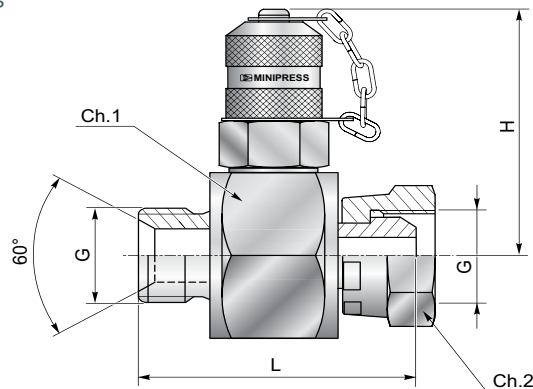
\*Versione M16x2 disponibile in INOX / M16x2 version available in Stainless Steel

Opzioni/Options



**Minipresa di pressione con giunzione diritta 60°**

Check coupling male - female swivel 60°



G	H	L	Ch 1	Ch 2	PN bar	Codice/Ref.	Codice/Ref.	Codice/Ref.
						M16x2*	M16x1.5	S12.65x1.5
ISO 228 G1/4"	55	53	32	19	400	S11914G00C	S11914150C	S11914120C
ISO 228 G3/8"	55	60	32	22	400	S11938G00C	S11938150C	S11938120C
ISO 228 G1/2"	55	60	32	27	400	S11912G00C	S11912150C	S11912120C
ISO 228 G3/4"	55	68	32	32	400	S11934G00C	S11934150C	S11934120C
ISO 228 G1"	60	74	41	41	315	S11901G00C	S11901150C	S11901120C

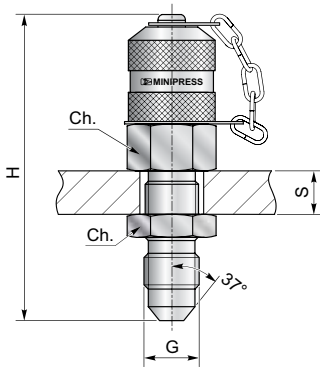
\*Versione M16x2 disponibile in INOX / M16x2 version available in Stainless Steel

Opzioni/Options





**Minipresa passaparete JIC 37° M 16x2**  
**Bulkhead test coupling - JIC 37° M 16x2**



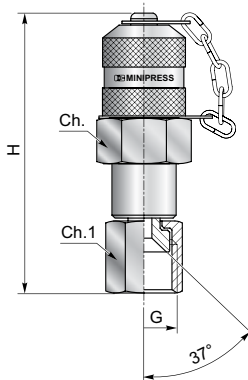
G	H	Ch	S max	PN [bar]	Codice/Ref.
7/16"-20 UNF	68	17	9	630	S11707162C
1/2"-20 UNF	68	17	9	400	S11701220C
9/16"-18 UNF	69	19	9	315	S11709161C

Opzioni/Options



**Minipresa con raccordo femmina girevole sede JIC 37° M 16x2**

**Female swivel test coupling - JIC 37° M 16x2**



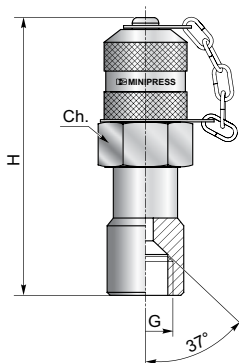
G	H	Ch	Ch 1	PN [bar]	Codice/Ref.
7/16"-20 UNF	57	17	14	630	S11507163C
1/2"-20 UNF	65	17	17	400	S11512203C
9/16"-18 UNF	51.5	17	17	315	S11509163C
3/4"- 16 UNF	58.5	19	22	315	S11506163C
7/8"- 14 UNF	64	24	27	315	S11507083C

Opzioni/Options



**Minipresa con raccordo femmina fisso sede JIC 37° M 16x2**

**Female fixed test coupling - JIC 37° M 16x2**



G	H	Ch	PN [bar]	Codice/Ref.
7/16"-20 UNF	63	19	630	S115071FFC
1/2"-20 UNF	63	17	400	S115012FFC
9/16"-18 UNF*	66	19	315	S115091FFC

\*Disponibili in INOX /  
Available in Stainless steel

Opzioni/Options

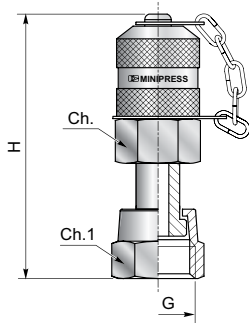






### Minipresa con raccordo femmina girevole O.R.F.S. M 16x2

#### O.R.F.S female swivel test coupling M 16x2



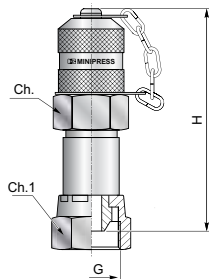
G	H	Ch	Ch 1	PN [bar]	Codice/Ref.
9/16"-18 UNF	53	17	19	400	S115916FSC
11/16"-16 UNF	54	17	22	400	S115116FSC
13/16"-16 UNF	58	19	24	400	S115131FSC

Opzioni/Options



### Minipresa di pressione femmina girevole M 16x2

#### Female swivel check-coupling M 16x2



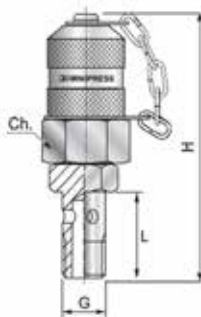
G	H	Ch	Ch 1	PN [bar]	Codice/Ref.
ISO 228 G 1/4"	62	19	19	630	S115914G0C

Opzioni/Options



### Minipresa filettata M 16x2 con dado forato

#### Threaded test coupling M 16x2 banjo screw



G	H	L	Ch	PN [bar]	Codice/Ref.
ISO 228 G 1/4"	60	26	19	630	S142R2HS0C

### Innesto rapido + minipresa 15QC000C

#### Test quick coupling + test point 15QC000C



Innesto rapido attraverso il quale è possibile controllare i parametri della pressione dell'olio in un impianto oleodinamico grazie ad una minipresa (con filetto esterno 16x2 per attacco F in microtubo) avvitata su di esso.

Intercambiabile con altre miniprese a norma ISO 15171-1.

**Norma:** ISO 15171-1

**Applicazione:** diagnostica impianti oleodinamici

**Pressione di esercizio:** 400 bar

**Materiale:** acciaio zincato

**Tenuta:** NBR (da -30° a + 125°C)

Diagnostic quick coupling gives the opportunity to control the parameters of high-pressure oil hydraulic systems. Socket part has a test point thread M16x2 for micro hose. Interchangeable with other ISO 15171-1.

**Norm:** ISO 15171-1

**Application:** diagnostic of hydraulic systems

**Working pressure:** 400 bar

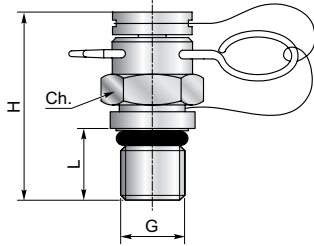
**Material:** zinc steel

**Seal:** NBR (from -30°C to +125°C)

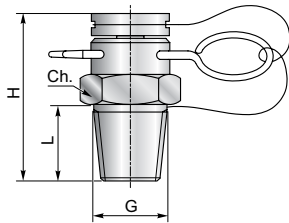


Minipresa con innesto a baionetta

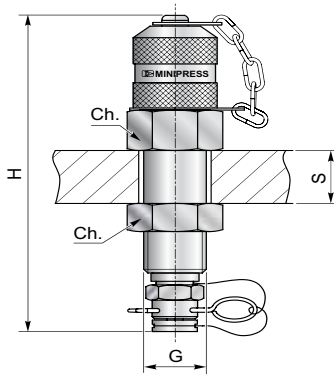
Plug-in test coupling



G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Filettatura: metrica cilindrica / Threaded: metric parallel (UNI 4535-64)						
M 8x1	25	8.5	12	250	O-Ring type <b>A</b>	51000000
M 10x1	25	8.7	14	400	O-Ring type <b>A</b>	51100000
ISO 228 G1/4"	25	12	19	400	Metal Sealing Edge <b>B</b>	5114G000



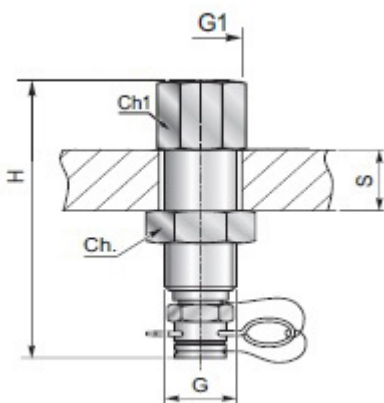
G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Filettatura: gas conica / Threaded: B.S.P. taper (UNI ISO 7/1)						
ISO 7/1 R1/8"	25	12	12	400	Type <b>D</b>	51800000
Filettatura: gas conica / Threaded: B.S.P. taper NPTF (ANSI/ASME B.1.20.1 - 1983)						
1/8" NPTF	25	12	12	400	Type <b>D</b>	51900000



G	H	Ch	S max	PN [bar]	Codice/Ref.
Minipresa passaparte / Bulkhead test coupling					
M 16x2	90	19	25	400	S123PPIB0C

Opzioni/Options

**0** **P**



G	G1	H	Ch	Ch1	S max	PN [bar]	Codice/Ref.
Portamanometro passaparte / Bulkhead pressure gauge connection							
M 16x2	ISO 228 G1/4"	63	19	19	25	400	1814000B
M 16x2	ISO 228 G1/2"	72	19	27	25	400	1812000B

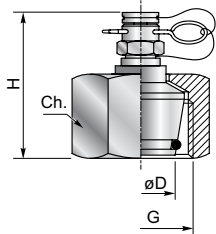
Opzioni/Options

**0** **P**



**Minipresa con innesto a baionetta tipo DKO codolo conico 24° con O-Ring**

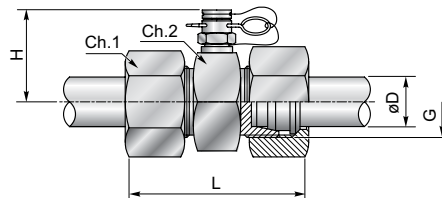
**Plug-in test coupling with 24° O-Ring sealing cone DKO type**



Serie / Series	D	G	H	Ch	PN [bar]	Codice/Ref.
<b>L</b>	8	M 14x1.5	39	17	250	1014X15B
	10	M 16x1.5	39	19	250	1016X15B
	12	M 18x1.5	39	22	250	1018X15B
	15	M 22x1.5	39	27	250	1022X15B
	18	M 26x1.5	39	32	160	1026X15B
	22	M 30x2	39	36	160	1030X20B
	28	M 35x2	40	41	100	1035X20B
	35	M 45x2	42	50	100	1045X20B
<b>S</b>	42	M 52x2	45	60	100	1052X20B
	8	M 14x1.5	39	17	630	1114X15B
	10	M 16x1.5	39	19	630	1116X15B
	10	M 18x1.5	39	22	630	1118X15B
	12	M 20x1.5	39	24	630	1120X15B
	14	M 22x1.5	39	27	400	1122X15B
	16	M 24x1.5	40	30	400	1124X15B
	20	M 30x2	42	36	400	1130X20B
	25	M 36x2	44	46	400	1136X20B
	30	M 42x2	44	50	250	1142X20B
38	M 52x2	44	60	250	1152X20B	

**Minipresa a baionetta raccordo intermedio diritto per tubo metallico**

**Plug-in straight test coupling for metal pipe fitting**



Serie / Series	D	G	H	L	Ch 1	Ch 2	PN [bar]	Codice/Ref.
Raccordi ad anello / Ring fittings								
<b>L</b>	6	M 12x1.5	29	51	14	24	315	1306000B
	8	M 14x1.5	29	51	17	24	315	1308000B
	10	M 16x1.5	29	53	19	24	315	1310000B
	12	M 18x1.5	29	53	22	24	315	1312000B
	15	M 22x1.5	30.5	55	27	27	315	1315000B
	18	M 26x1.5	33	57	32	32	315	1318000B
	22	M 30x2	33	61	36	32	160	1322000B
	28	M 36x2	37.5	61	41	41	160	1328000B
	35	M 45x2	40	69	50	46	160	1335000B
	42	M 52x2	44.5	71	60	55	160	1342000B
<b>S</b>	6	M 14x1.5	29	55	17	24	630	1406000B
	8	M 16x1.5	29	55	19	24	630	1408000B
	10	M 18x1.5	29	57	22	24	630	1410000B
	12	M 20x1.5	29	57	24	24	630	1412000B
	14	M 22x1.5	29	63	27	24	630	1414000B
	16	M 24x1.5	32	63	30	27	400	1416000B
	20	M 30x2	33	69	36	32	400	1420000B
	25	M 36x2	37.5	75	46	41	400	1425000B
	30	M 42x2	40	81	50	46	400	1430000B
	38	M 52x2	44.5	89	60	55	315	1438000B



Adattatori per manometro  
Pressure gauge adapters

Come ordinare  
How to order

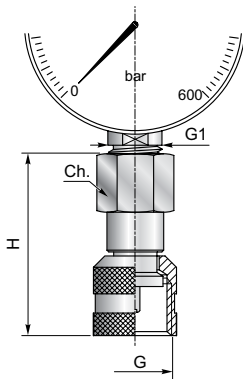
Configurazione / Configuration

Il codice degli adattatori termina sempre con 0  
Adapters code ends with 0

Opzioni / Options

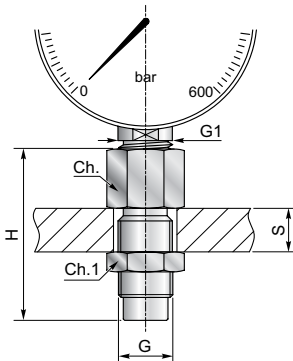
Smorzatore di pressione a richiesta / Pressure damper on request

**S** Sostituire la lettera S allo 0  
Replace "0" with "S"



G	G1	H	Ch	PN [bar]	Codice/Ref.
Porta manometro connessione diretta / Direct gauge adapter					
M 16x2	ISO 228 G 1/8"	50	17	630	20180000
M 16x2*#	ISO 228 G 1/4"	50	19	630	20140000
M 16x2*#	ISO 228 G 1/2"	55	27	630	20120000
M 16x1.5	ISO 228 G 1/4"	50	19	630	20141500
M 16x1.5	ISO 228 G 1/2"	55	27	630	20121500
S12.65x1.5	ISO 228 G 1/4"	50	19	630	20141200
S12.65x1.5	ISO 228 G 1/2"	55	27	630	20121200
M 16x2*	1/4" - 18 NPTF	50	19	630	2014NPT0
S12.65x1.5	1/4" - 18 NPTF	50	19	630	201412NPT

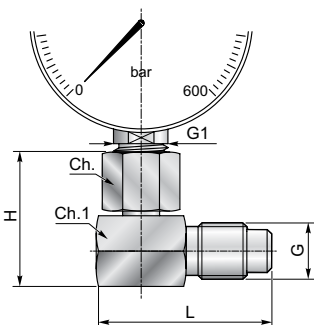
\*Disponibili in INOX / Available in Stainless steel #Disponibile tenuta per sensore / Available sensor sealing



G	G1	H	Ch	Ch 1	S max	PN [bar]	Codice/Ref.
Porta manometro passaparete / Bulkhead pressure gauge connection							
M 16x2*	ISO 228 G 1/4"	50	19	19	11	630	18140000
M 16x2*	ISO 228 G 1/2"	57	27	19	13	630	18120000
M 16x1.5	ISO 228 G 1/4"	50	19	19	11	630	18141500
S 12.65x1.5	ISO 228 G 1/4"	50	19	19	11	630	18141200
M 16x1.5	ISO 228 G 1/2"	57	27	19	13	630	18121500
S 12.65x1.5	ISO 228 G 1/2"	57	27	19	13	630	18121200
M 16x2*	1/4" - 18 NPTF	50	19	19	11	630	1814NPT0

\*Disponibili in INOX / Available in Stainless steel N.B. : passaggio libero senza valvola / Note: without check valve

Opzioni/Options **S**



G	G1	H	L	Ch	Ch 1	PN [bar]	Codice/Ref.
Porta manometro orientabile 90° / Swivel pressure gauge connection 90° angle							
M 16x2	ISO 228 G 1/4"	36	42	19	19	630	21140000
M 16x2	ISO 228 G 1/2"	43	42	27	19	630	21120000
M 16x1.5	ISO 228 G 1/4"	36	42	19	19	630	21141500
M 16x1.5	ISO 228 G 1/2"	43	42	27	19	630	21121500

N.B. : passaggio libero senza valvola / Note: without check valve

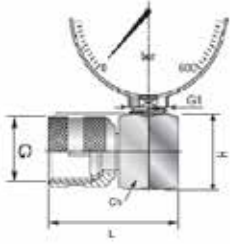
Opzioni/Options **S**



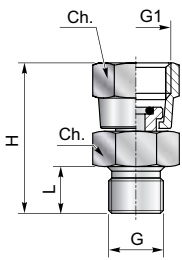


Adattatori

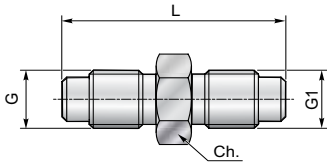
Adapters



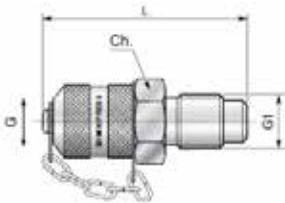
G	G1	H	L	Ch	PN [bar]	Codice/Ref.
Porta manometro fisso 90° / Pressure gauge connection 90° angle						
M 16x2	ISO 228 G 1/2"	38	51	27	630	24GG12F001



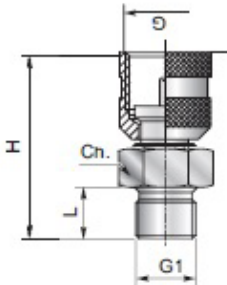
G	G1	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
*Disponibili in INOX / Available in Stainless steel							
Rondella di rame (a richiesta) / Copper washer (on request)							
ISO 228 G 1/4"	ISO 228 G 1/4"*	36	12	17	400	*	1814M000
ISO 228 G 1/2"	ISO 228 G 1/2"*	46	15	27	400	*	1812M000
ISO 228 G 1/4"	ISO 228 G 1/2"	50	13	27	400	*	1812M140
ISO 228 G 1/4"	ISO 228 G 1/8"	36.5	14	19	400	*	1814M700
ISO 7/1 R 1/4"	ISO 228 G 1/4"*	34	12	17	400	*	1814MBSPT
ISO 7/1 R 1/2"	ISO 228 G 1/2"*	46	16	27	400	*	1812MBSPT
ISO 7/1 R 1/4"	ISO 228 G 1/2"*	46.5	12	22	400	*	1824MBSPT
ISO 228 G 3/8"	ISO 228 G 1/2"	49.5	12	27	400	*	1812M380



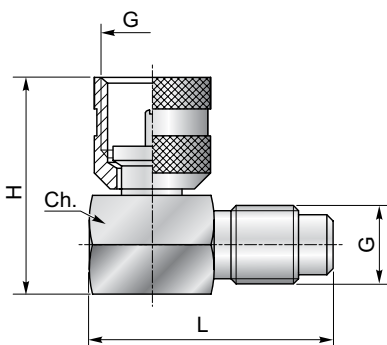
G	G1	L	Ch	PN [bar]	Codice/Ref.
Adattatore diretto per giunzione tubi. Passaggio libero Straight adapter for connection of hoses. Free flow.					
M 16x2	M 16x2	58	17	630	40GD0000
M 16x1.5	M 16x2	58	17	630	40GD1500
M 16x1.5	M 16x1.5	48	17	630	40GD1515



G	G1	L	Ch	PN [bar]	Codice/Ref.
Adattatore diretto con valvola di non ritorno / Straight adapter with no-return valve					
M 16x2	M 16x2	60	17	630	41GV000C
M 16x1.5	M 16x2	60	17	630	41GV150C
M 16x1.5	M 16x1.5	50	17	630	41GV1515C



G	G1	H	L	Ch	PN [bar]	Codice/Ref.
Porta manometro orientabile 90° / Swivel pressure gauge connection 90° angle						
M 16x2	ISO 228 G 1/4"	48	12	19	400	23GG1400
M 16x1.5	ISO 228 G 1/4"	48	12	19	400	23GG1415



G	H	L	Ch	PN [bar]	Codice/Ref.
Passaggio libero adattatore giunzione 90° orientabile / 90° Swivel adapter free passage					
M 16x2	42	41	19	630	24GG0000
M 16x1.5	42	41	19	630	24GG1500
Opzione con valvola a pistone su filetto maschio / Option with poppet valve in male thread					
M 16x2	42	41	19	630	S124GG0000
M 16x1.5	42	41	19	630	S124GG1500



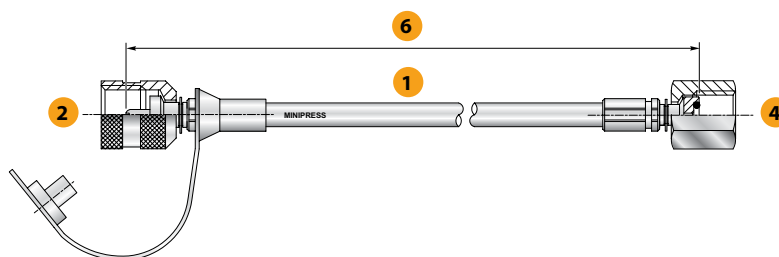
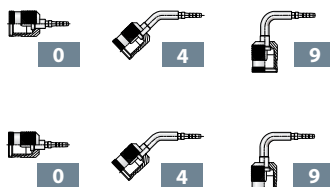
## Come ordinare

### How to order

Esempio per l'ordine  
 Ordering example

Codice ordine / Order code					
RD2	31TN	0	3614	0	L1500
1	2	3	4	5	6

- 1 Tubo / Hose type
- 2 Tipo raccordo / Fitting type
- 3 Curvatura del raccordo  
Elbow fitting angle
- 4 Tipo raccordo / Fitting type
- 5 Curvatura del raccordo  
Elbow fitting angle
- 6 Lung. tubo / Hose length \*



\* Tolleranza ± 5mm / Tolerance ± 5mm

## Normativa di riferimento

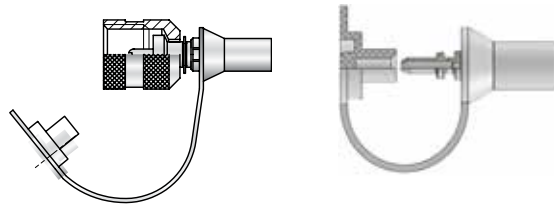
### Reference regulations

Riferimento tubo / Hose code				
RD2 - RD3 - RD4				
Adatto per passaggio di oli minerali, oli idraulici tipo ASTM 3, benzine. Resistenza chimica all'olio per freni (tipo DOT 4) For mineral and hydraulic oil, type ASTM 3. fuel. Brake systems oil (type DOT 4).				
		RD2	RD3	RD4
Diam esterno Outside diameter	[mm]	5	6	8
<b>Diametro interno</b> <b>Inside diameter</b>	[mm]	2	3	4
Pressione max. di lavoro Max. working pressure	[bar]	630	500	500
Pressione minima di scoppio Min. bursting pressure	[bar]	1890	1890	1500
Raggio minimo Min. bending radius	[mm]	20	25	35
Temperature di esercizio Working temperature	°C	-40...+100	-40...+100	-40...+100
Materiale anima Core material	Poliestere termoplastico Thermoplastic polyester			
Materiale treccia Braid material	Fibra aramidica Aramidic fibre			
Ricopertura est. Cover material	Poliuretano antiabrasione Antiabrasion polyurethane			
NS Codice / Our P/N		00RSD200	00RSD300	00RSD400



**Cappuccio parapolvere in plastica per raccordi RD2 e RD4 F16X2, 16X1.5, S12,65X1,65 e baionetta**

Anti-dust plastic cap suitable for RD2 and RD4 F16X2, 16X1.5, S12,65X1,65 and plug-in fittings



Codice/Ref.
32CP0000
32CP0004



**Parapolvere protettivo per boccola in plastica per raccordi RD2 e RD4**

Ferrules anti-dust cap for RD2 and RD4 fittings

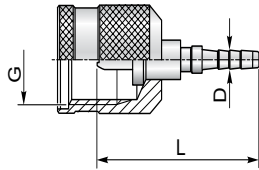


Codice/Ref.
32CS0000
32CS0004

I tubi capillari RD2 e RD4 raccordati sono sempre dotati di parapolvere 32CP000X e/o 32CS000X. In caso di acquisto di raccordi sciolti, 32CP000X e/o 32CS000X sono inclusi nel codice del raccordo.  
Fitted micro hoses RD2 and RD4 are always complete with anti-dust caps 32CP000X and/or 32CS000X. In case of purchase of loose fittings, 32CP000X and/or 32CS000X are included in fitting part number.

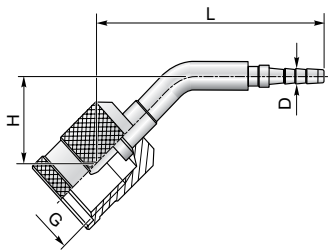
**Raccordo connessione avvitabile per miniprese**

Test coupling threaded female fitting



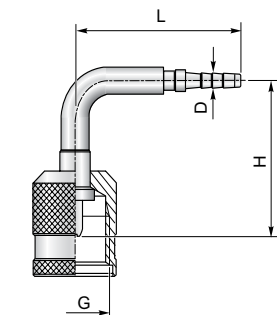
Tubo / Hose	G	L	D	Codice/Ref.
RD2	M16x2*	32.5	2.0	31TTN000
	M16x1.5*	32.5	2.0	31TTS000
	S12.65x1.5	32.5	2.0	31S12000
RD3	M16x2	37.2	3.0	31TTN003
	M16x1.5	37.2	3.0	31TTS003
	S12.65x1.5	37.2	3.0	31S12003
RD4	M16x2*	36.5	4.0	31TTN004
	M16x1.5*	36.5	4.0	31TTS004
	S12.65x1.5	36.5	4.0	31S12004

\*Disponibili in INOX / Available in Stainless steel



**45°**

Tubo / Hose	G	L	H	D	Codice/Ref.
RD2	M16x2	48	18	2.0	31TTN040
	M16x1.5	48	18	2.0	31TTS040
	S12.65x1.5	48	18	2.0	31S12040
RD3	M16x2	48	18.5	3.0	31TTN043
	M16x1.5	48	18.5	3.0	31TTS043
	S12.65x1.5	48	18.5	2.0	31S12043
RD4	M16x2	53	18.5	4.0	31TTN044
	M16x1.5	53	18.5	4.0	31TTS044
	S12.65x1.5	53	18.5	4.0	31S12044



**90°**

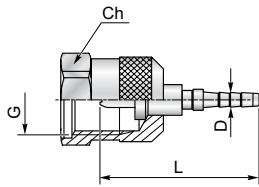
Tubo / Hose	G	L	H	D	Codice/Ref.
RD2	M16x2*	34.5	31.0	2.0	31TTN090
	M16x1.5	34.5	31.0	2.0	31TTS090
	S12.65x1.5	34.5	31	2.0	31S12090
RD3	M16x2	34.5	31.0	3.0	31TTN093
	M16x1.5	34.5	31.0	3.0	31TTS093
	S12.65x1.5	34.5	31	3.0	31S12093
RD4	M16x2	34.5	31.0	4.0	31TTN094
	M16x1.5	34.5	31.0	4.0	31TTS094
	S12.65x1.5	34.5	31	4.0	31S12094

\*Disponibili in INOX / Available in Stainless steel



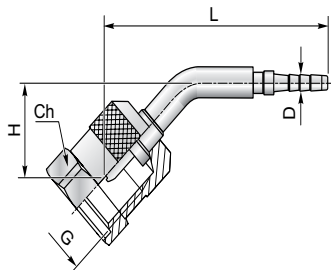
**Raccordo connessione avvitabile per miniprese con dado esagonale**

**Test coupling threaded female fitting with hexagonal nut**

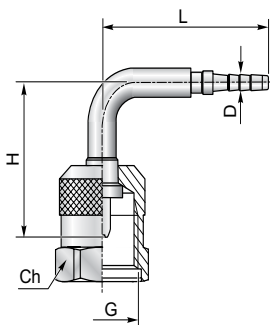


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	M16x2*	32.5	19	2.0	<b>31TTN600</b>
	M16x1.5	32.5	19	2.0	<b>31TTS600</b>
<b>RD3</b>	M16x2	37.2	19	3.0	<b>31TTN603</b>
	M16x1.5	37.2	19	3.0	<b>31TTS603</b>
<b>RD4</b>	M16x2	36.5	19	4.0	<b>31TTN604</b>
	M16x1.5	36.5	19	4.0	<b>31TTS604</b>

\*Disponibili in INOX /  
Available in Stainless steel



<b>45°</b>						
Tubo / Hose	G	L	H	Ch	D	Codice/Ref.
<b>RD2</b>	M16x2	48	18	19	2.0	<b>31TTN640</b>
	M16x1.5	48	18	19	2.0	<b>31TTS640</b>
<b>RD3</b>	M16x2	48	18.5	19	3.0	<b>31TTN643</b>
	M16x1.5	48	18.5	19	3.0	<b>31TTS643</b>
<b>RD4</b>	M16x2	53	18.5	19	4.0	<b>31TTN644</b>
	M16x1.5	53	18.5	19	4.0	<b>31TTS644</b>

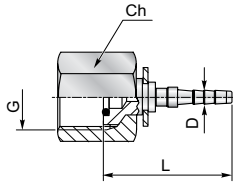


<b>90°</b>						
Tubo / Hose	G	L	H	Ch	D	Codice/Ref.
<b>RD2</b>	M16x2	34.5	31	19	2.0	<b>31TTN690</b>
	M16x1.5	34.5	31	19	2.0	<b>31TTS690</b>
<b>RD3</b>	M16x2	34.5	31	19	3.0	<b>31TTN693</b>
	M16x1.5	34.5	31	19	3.0	<b>31TTS693</b>
<b>RD4</b>	M16x2	34.5	31	19	4.0	<b>31TTN694</b>
	M16x1.5	34.5	31	19	4.0	<b>31TTS694</b>



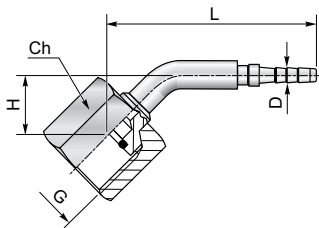
Raccordo connessione avvitabile per manometro

Gauges threaded fitting

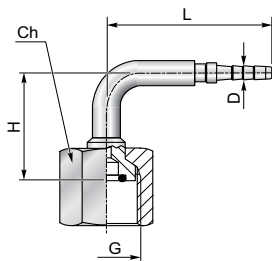


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4*	26	19	2.0	36140000
	G 3/8	24	22	2.0	36380000
	G 1/2*	33.5	27	2.0	36120000
	M12X1.5	26	14	2.0	36M2000
	M14X1.5	26	19	2.0	36M4000
	M20X1.5	33.5	24	2.0	36M20R00
<b>RD3</b>	G 1/4	30	19	3.0	3614OR03
	G 1/2	37.5	27	3.0	3612OR03
	M20X1.5	37.5	24	3.0	36M20R03
<b>RD4</b>	G 1/4	36.5	19	4.0	3614OR04
	G 1/2	37.3	27	4.0	3612OR04
	M20X1.5	37.3	24	4.0	36M20R04

\*Disponibili in INOX /  
Available in Stainless steel



45°						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4	14.0	47.0	19	2.0	36140040
	G 1/2	21.0	54.5	27	2.0	36120040
	M20X1.5	21.0	54.5	24	2.0	36M20R40
<b>RD3</b>	G 1/4	14.0	47.0	19	3.0	3614OR43
	G 1/2	21.0	54.5	27	3.0	3612OR43
	M20X1.5	21.0	54.5	24	3.0	36M20R43
<b>RD4</b>	G 1/4	14.0	52.0	19	4.0	3614OR44
	G 1/2	21.0	59.5	27	4.0	3612OR44
	M20X1.5	21.0	59.5	24	4.0	36M20R44

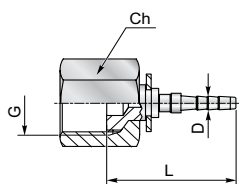


90°						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4	25.0	38.0	19	2.0	36140090
	G 1/2	37.5	41.5	27	2.0	36120090
	M20X1.5	37.5	41.5	24	2.0	36M20R90
<b>RD3</b>	G 1/4	25.0	38.0	19	3.0	3614OR93
	G 1/2	37.5	41.5	27	3.0	3612OR93
	M20X1.5	37.5	41.5	24	3.0	36M20R93
<b>RD4</b>	G 1/4	25.0	43.0	19	4.0	3614OR94
	G 1/2	37.5	46.5	27	4.0	3612OR94
	M20X1.5	37.5	46.5	24	4.0	36M20R94

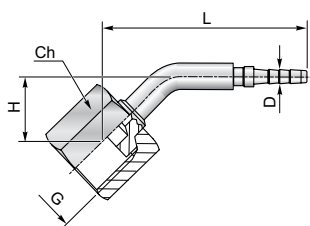


**Raccordo connessione avvitabile per manometro con rondella di rame**

Gauges threaded fitting with copper ring

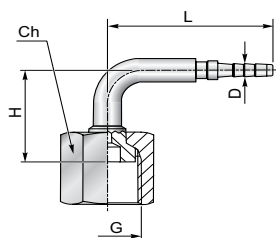


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4	26	19	2.0	3614CR00
	G 1/2	33.5	27	2.0	3612CR00
	M20X1.5	33.5	24	2.0	36M2CR00
<b>RD3</b>	G 1/4	30	19	3.0	3614CR03
	G 1/2	37.5	27	3.0	3612CR03
	M20X1.5	37.5	24	3.0	36M2CR03
<b>RD4</b>	G 1/4	36.5	19	4.0	3614CR04
	G 1/2	37.5	27	4.0	3612CR04
	M20X1.5	36.5	24	4.0	36M2CR04



**45°**

Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4	14	47	19	2.0	3614CR40
	G 1/2	21	54.5	27	2.0	3612CR40
	M20X1.5	21	54.5	24	2.0	36M2CR40
<b>RD3</b>	G 1/4	14	47	19	3.0	3614CR43
	G 1/2	21	54.5	27	3.0	3612CR43
	M20X1.5	21	54.5	24	3.0	36M2CR43
<b>RD4</b>	G 1/4	14	52	19	4.0	3614CR44
	G 1/2	21	59.5	27	4.0	3612CR44
	M20X1.5	21	59.5	24	4.0	36M2CR44



**90°**

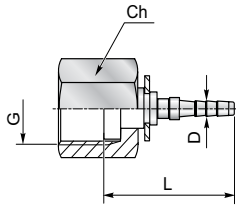
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/4	25	38	19	2.0	3614CR90
	G 1/2	37.5	41.5	27	2.0	3612CR90
	M20X1.5	37.5	41.5	24	2.0	36M2CR90
<b>RD3</b>	G 1/4	25	38	19	3.0	3614CR93
	G 1/2	37.5	41.5	27	3.0	3612CR93
	M20X1.5	37.5	41.5	24	3.0	36M2CR93
<b>RD4</b>	G 1/4	25	43	19	4.0	3614CR94
	G 1/2	37.5	46.5	27	4.0	3612CR94
	M20X1.5	37.5	46.5	24	4.0	36M2CR94



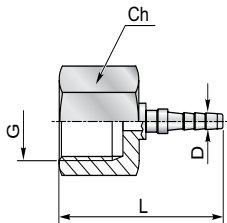


Raccordo connessione avvitabile per manometro

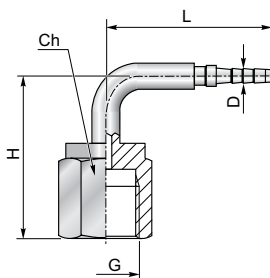
Gauges threaded fitting



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	G 1/8	22.6	14	2.0	4918DF00
	G 1/4	23.5	17	2.0	4914DF00
RD3	G 1/8	26.6	14	3.0	4918DF03
	G 1/4	27.5	17	3.0	4914DF03
RD4	G 1/8	26.6	14	4.0	4918DF04
	G 1/4	27.5	17	4.0	4914DF04



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	1/4-18 NPTF	32	19	2.0	37140000
RD2	1/8"-27 NPTF	30	17	2.0	37180000
RD3	1/4-18 NPTF	36	19	3.0	37140003
RD4	1/4-18 NPTF	36	19	4.0	37140004

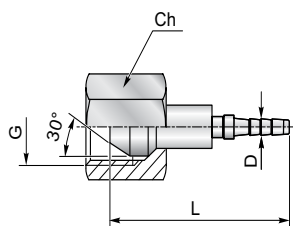


90°						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
RD2	1/4-18 NPTF	34.2	43.7	19	2.0	37140090
RD3	1/4-18 NPTF	34.2	43.7	19	3.0	37140093
RD4	1/4-18 NPTF	34.2	43.7	19	4.0	37140094



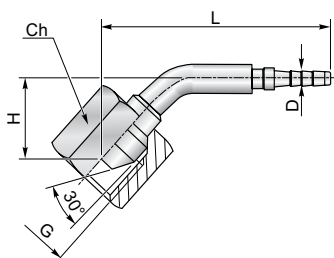
### Raccordo femmina girevole connessione cono 60° tipo DKR

Swivel female fitting 60° cone connection type DKR

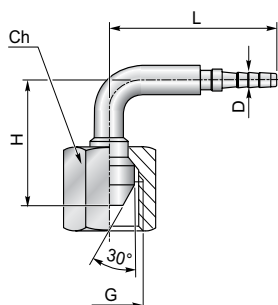


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	24	14	2.0	38180000
	G 1/4*	26	17	2.0	38140000
	G 3/8	29	22	2.0	38380000
	M14x1.5	26	17	2.0	38141500
	M12x1.5	24	14	2.0	38121500
<b>RD3</b>	G 1/8	28	14	3.0	38180003
	G 1/4	30	17	3.0	38140003
	M10x1	28	12	3.0	38100003
<b>RD4</b>	G 1/8	31	14	4.0	38180004
	G 1/4*	32.5	17	4.0	38140004

\*Disponibili in INOX /  
Available in Stainless steel



45°						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	15	44.5	14	2.0	38180040
	G 1/4	16	47.5	17	2.0	38140040
<b>RD3</b>	G 1/8	15	49.5	14	3.0	38180043
	G 1/4	16	47.5	17	3.0	38140043
<b>RD4</b>	G 1/8	15	49.5	14	4.0	38180044
	G 1/4	16	52.5	17	4.0	38140044

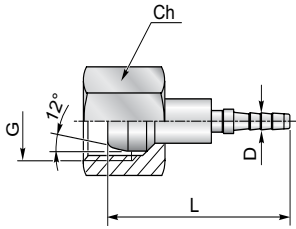


90°						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	20	34	14	2.0	38180090
	G 1/4	27.5	36.5	17	2.0	38140090
<b>RD3</b>	G 1/8	26	39	14	3.0	38180093
	G 1/4	27.5	36.5	17	3.0	38140093
<b>RD4</b>	G 1/8	20	38	14	4.0	38180094
	G 1/4	27.5	41.5	17	4.0	38140094

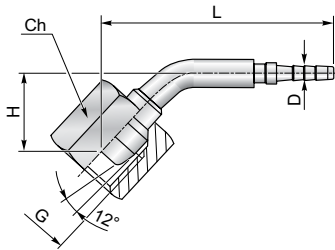


Raccordo femmina girevole connessione cono 24° tipo DKL

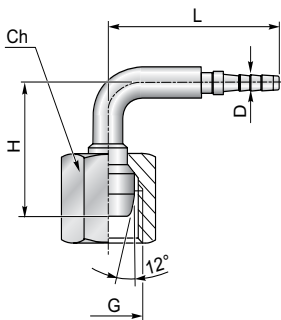
Swivel female fitting 24° cone connection type DKL



Tubo / Hose	Ø	G	L	Ch	D	Codice/Ref.
RD2	6	M12x1.5	36	14	2.0	45R00000
	8	M14x1.5	35	17	2.0	45R20000
	10	M16x1.5	36.5	19	2.0	45R50000
RD3	6	M12x1.5	35	14	3.0	45R00003
	8	M14x1.5	35	17	3.0	45R20003
	10	M16x1.5	36.5	19	3.0	45R50003
RD4	6	M12x1.5	36	14	4.0	45R00004
	8	M14x1.5	36	17	4.0	45R20004
	10	M16x1.5	41.5	19	4.0	45R50004



45°							
Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	6	M12x1.5	19.5	53.5	14	2.0	45R00040
	8	M14x1.5	19	51	17	2.0	45R20040
	10	M16x1.5	22.5	56	19	2.0	45R50040
RD3	6	M12x1.5	19.5	53.5	14	3.0	45R00043
	8	M14x1.5	19	51	17	3.0	45R20043
	10	M16x1.5	22.5	56	19	3.0	45R50043
RD4	6	M12x1.5	19.5	58.5	14	4.0	45R00044
	8	M14x1.5	19	56	17	4.0	45R20044
	10	M16x1.5	22.5	61	19	4.0	45R50044

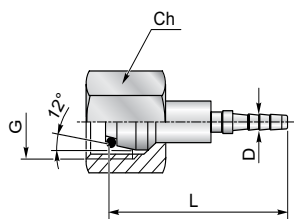


90°							
Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	6	M12x1.5	31.5	47.5	14	2.0	45R00090
	8	M14x1.5	36	40	17	2.0	45R20090
	10	M16x1.5	40	41.5	19	2.0	45R50090
RD3	6	M12x1.5	28.5	39	14	3.0	45R00093
	8	M14x1.5	36	40.5	17	3.0	45R20093
	10	M16x1.5	40	41.5	19	3.0	45R50093
RD4	6	M12x1.5	36	47	14	4.0	45R00094
	8	M14x1.5	36	45.5	17	4.0	45R20094
	10	M16x1.5	40	46.5	19	4.0	45R50094



**Raccordo femmina girevole connessione cono 24° tipo DKOL**

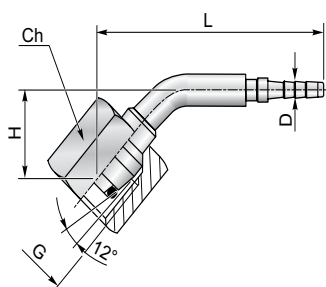
**Swivel female fitting 24° cone connection type DKOL**



Tubo / Hose	Ø	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	6*	M12x1.5	31.6	14	2.0	35R00000
	8*	M14x1.5	31.6	17	2.0	35R20000
	10*	M16x1.5	31.5	19	2.0	35R50000
	12	M18x1.5	34	22	2.0	35R60000
<b>RD3</b>	6	M12x1.5	35	14	3.0	35R00003
	8	M14x1.5	35	17	3.0	35R20003
	10	M16x1.5	36.5	19	3.0	35R50003
<b>RD4</b>	6*	M12x1.5	35.5	14	4.0	35R00004
	8	M14x1.5	36	17	4.0	35R20004
	10	M16x1.5	36.5	19	4.0	35R50004
	12	M18x1.5	38	22	4.0	35R60004

\*Disponibili in INOX / Available in Stainless steel

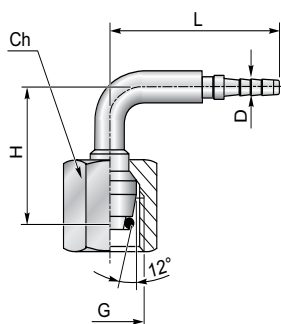
**45°**



Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	6	M12x1.5	15	46	14	2.0	35R00040
	8	M14x1.5	19	51	17	2.0	35R20040
	10	M16x1.5	19	56	19	2.0	35R50040
<b>RD3</b>	6	M12x1.5	15	50	14	3.0	35R00043
	8	M14x1.5	19	51	17	3.0	35R20043
	10	M16x1.5	22.5	61	19	3.0	35R50043
<b>RD4</b>	6*	M12x1.5	15	50	14	4.0	35R00044
	8	M14x1.5	19	56	17	4.0	35R20044
	10	M16x1.5	22.5	61	19	4.0	35R50044
	12	M18x1.5	22.5	61	22	4.0	35R60044

\*Disponibili in INOX / Available in Stainless steel

**90°**



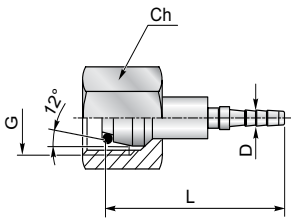
Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	6	M12x1.5	25	34	14	2.0	35R00090
	8	M14x1.5	36	40.5	17	2.0	35R20090
	10	M16x1.5	40	41.5	19	2.0	35R50090
<b>RD3</b>	6	M12x1.5	25	38	14	3.0	35R00093
	8	M14x1.5	36	40.5	17	3.0	35R20093
	10	M16x1.5	40	46.5	19	3.0	35R50093
<b>RD4</b>	6*	M12x1.5	25	38	14	4.0	35R00094
	8	M14x1.5	36	45.5	17	4.0	35R20094
	10	M16x1.5	40	46.5	19	4.0	35R50094
	12	M18x1.5	40	46.5	22	4.0	35R60094

\*Disponibili in INOX / Available in Stainless steel

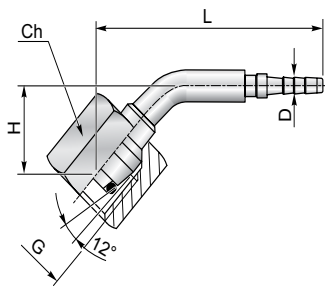


**Raccordo femmina girevole connessione cono 24° tipo DKOLL**

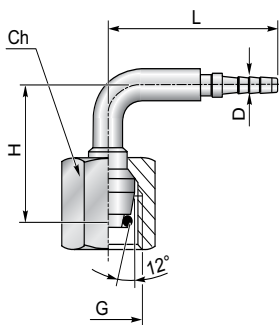
Swivel female fitting 24° cone connection type DKOLL



Tubo / Hose	Ø	G	L	Ch	D	Codice/Ref.
RD2	4	M8x1	29.5	10	2.0	46R00000
	6	M10x1	30	12	2.0	46R10000
RD3	4	M8x1	33	10	3.0	46R00003
	6	M10x1	34	12	3.0	46R10003
RD4	4	M8x1	33	10	4.0	46R00004
	6	M10x1	34	12	4.0	46R10004



45°							
Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	4	M8x1	15	53	10	2.0	46R00040
	6	M10x1	15	53	12	2.0	46R10040
RD3	6	M10x1	15	57	12	3.0	46R10043
RD4	6	M10x1	15	57	12	4.0	46R10044

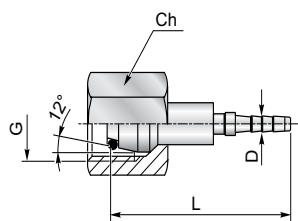


90°							
Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	4	M8x1	28.5	39	10	2.0	46R00090
	6	M10x1	28.5	39	12	2.0	46R10090
RD3	6	M10x1	28.5	43	12	3.0	46R10093
RD4	6	M10x1	24.5	47.3	12	4.0	46R10094



### Raccordo femmina girevole connessione cono 24° tipo DKOS

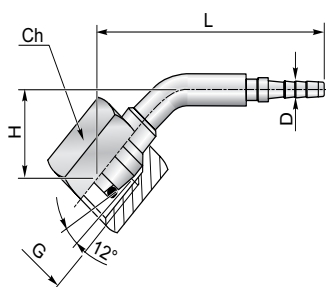
#### Swivel female fitting 24° cone connection type DKOS



Tubo / Hose	Ø	G	L	Ch	D	Codice/Ref.
RD2	6*	M14x1.5	31.6	17	2.0	35R10000
	8*	M16x1.5	31.6	19	2.0	35R30000
	10*	M18x1.5	31.5	22	2.0	35R40000
	12*	M20x1.5	34	24	2.0	35R70000
RD3	6	M14x1.5	35	17	3.0	35R10003
	8	M16x1.5	35	19	3.0	35R30003
	10	M18x1.5	36.5	22	3.0	35R40003
RD4	6*	M14x1.5	35.5	17	4.0	35R10004
	8*	M16x1.5	36	19	4.0	35R30004
	10	M18x1.5	36.5	22	4.0	35R40004
	12	M20x1.5	40	24	4.0	35R70004

\*Disponibili in INOX /  
Available in Stainless steel

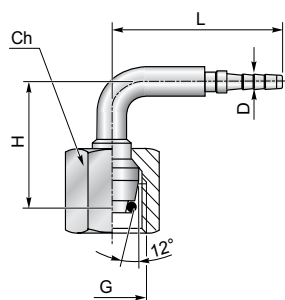
#### 45°



Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	6	M14x1.5	14.5	43	17	2.0	35R10040
	8	M16x1.5	19	51	19	2.0	35R30040
	10	M18x1.5	19	56	22	2.0	35R40040
RD3	6	M14x1.5	14.5	50	17	3.0	35R10043
	8	M16x1.5	19	51	19	3.0	35R30043
	10	M18x1.5	22.5	61	22	3.0	35R40043
RD4	6*	M14x1.5	14.5	50	17	4.0	35R10044
	8	M16x1.5	19	56	19	4.0	35R30044
	10	M18x1.5	22.5	61	22	4.0	35R40044
	12	M20x1.5	22.5	61	24	4.0	35R70044

\*Disponibili in INOX /  
Available in Stainless steel

#### 90°



Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
RD2	6	M14x1.5	24.5	34.5	17	2.0	35R10090
	8	M16x1.5	36	40.5	19	2.0	35R30090
	10	M18x1.5	40	41.5	22	2.0	35R40090
RD3	6	M14x1.5	24.5	38.5	17	3.0	35R10093
	8	M16x1.5	36	40.5	19	3.0	35R30093
	10	M18x1.5	40	46.5	22	3.0	35R40093
RD4	6*	M14x1.5	24.5	38.5	17	4.0	35R10094
	8	M16x1.5	36	45.5	19	4.0	35R30094
	10	M18x1.5	40	46.5	22	4.0	35R40094
	12	M20x1.5	40	46.5	24	4.0	35R70094

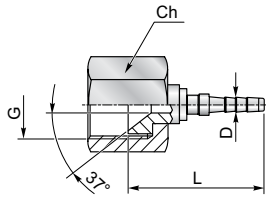
\*Disponibili in INOX /  
Available in Stainless steel





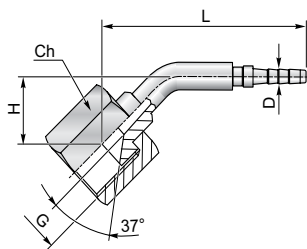
**Raccordo femmina girevole connessione JIC 74° tipo DKJ**

*Swivel female fitting JIC 74° connection type DKJ*

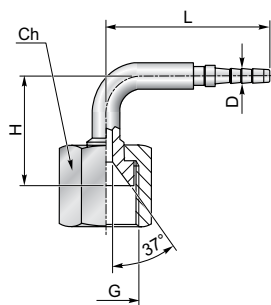


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	7/16-20 UNF*	25	14	2.0	39160000
	1/2-20 UNF	26	17	2.0	39120000
	3/8-24 UNF*	24.5	12	2.0	3938J000
	9/16-18 UNF	28.5	17	2.0	3991J000
<b>RD3</b>	7/16-20 UNF	29	14	3.0	39160003
	1/2-20 UNF	30	17	3.0	39120003
	3/8-24 UNF	27	12	3.0	3938J003
	9/16-18 UNF	32.5	17	3.0	3991J003
<b>RD4</b>	7/16-20 UNF*	28	14	4.0	39160004
	1/2-20 UNF	30	17	4.0	39120004
	3/8-24 UNF	28.5	12	4.0	3938J004

\*Disponibili in INOX /  
Available in Stainless steel



<b>45°</b>						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	7/16-20 UNF	13	46.5	14	2.0	39160040
	1/2-20 UNF	13	46.5	17	2.0	39120040
	3/8-24 UNF	14	46	12	2.0	3938J040
	9/16-18 UNF	15.5	54.5	17	2.0	3991J040
<b>RD3</b>	7/16-20 UNF	13	46.5	14	3.0	39160043
	1/2-20 UNF	13	51.5	17	3.0	39120043
	3/8-24 UNF	14	46	12	3.0	3938J043
<b>RD4</b>	7/16-20 UNF	13	51.5	14	4.0	39160044
	1/2-20 UNF	13	51.5	17	4.0	39120044
	3/8-24 UNF	14	46	12	4.0	3938J044



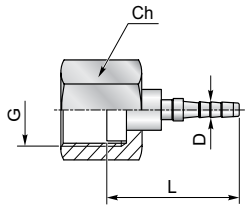
<b>90°</b>						
Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	7/16-20 UNF	23	38.5	14	2.0	39160090
	1/2-20 UNF	23	38.5	17	2.0	39120090
	3/8-24 UNF	24	40	12	2.0	3938J090
<b>RD3</b>	7/16-20 UNF	23	46.5	14	3.0	39160093
	1/2-20 UNF	23	43.5	17	3.0	39120093
	3/8-24 UNF	24	40	12	3.0	3938J093
<b>RD4</b>	7/16-20 UNF*	23	43.5	14	4.0	39160094
	1/2-20 UNF	23	43.5	17	4.0	39120094
	3/8-24 UNF	24	40	12	4.0	3938J094

\*Disponibili in INOX /  
Available in Stainless steel

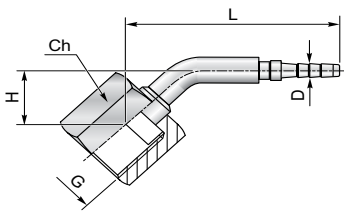


**Raccordo femmina tipo ORFS**

*ORFS female fitting, UNF thread*

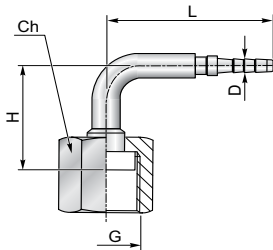


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	9/16-18 UNF	25	19	2.0	<b>5991F000</b>
	11/16-16 UNF	33	22	2.0	<b>5911F000</b>
<b>RD3</b>	9/16-18 UNF	27	19	3.0	<b>5991F003</b>
	11/16-16 UNF	35	22	2.0	<b>5911F003</b>
<b>RD4</b>	9/16-18 UNF	31	19	4.0	<b>5991F004</b>



**45°**

Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	9/16-18 UNF	13	47	19	2.0	<b>5991F040</b>
<b>RD3</b>	9/16-18 UNF	14	46	19	3.0	<b>5991F043</b>
<b>RD4</b>	9/16-18 UNF	14	46	19	4.0	<b>5991F044</b>



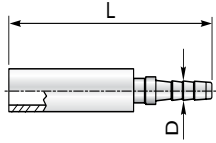
**90°**

Tubo / Hose	G	H	L	Ch	D	Codice/Ref.
<b>RD2</b>	9/16-18 UNF	24	40	19	2.0	<b>5991F090</b>
<b>RD3</b>	9/16-18 UNF	24	40	19	3.0	<b>5991F093</b>
<b>RD4</b>	9/16-18 UNF	24	40	19	4.0	<b>5991F094</b>



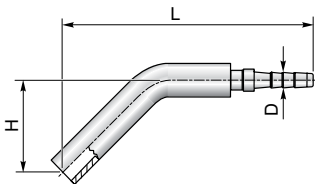
Raccordi a codolo liscio

Standpipe fitting

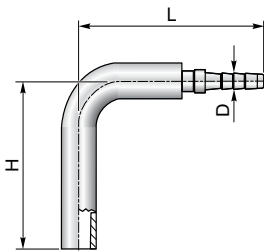


Tubo / Hose	Ø	L	D	Codice/Ref.
RD2	4	36	2.0	34R70000
	6*	36	2.0	34R00000
	8*	36	2.0	34R30000
	10	36	2.0	34R50000
RD3	4	41	3.0	34R70003
	6	36	3.0	34R00003
	8	37.5	3.0	34R30003
RD4	4	41	4.0	34R70004
	6	41	4.0	34R00004
	8	41	4.0	34R30004

\*Disponibili in INOX /  
Available in Stainless steel



45°					
Tubo / Hose	Ø	H	L	D	Codice/Ref.
RD2	4	14.5	43	2.0	34R70040
	6	16.5	44	2.0	34R00040
	8	20	52	2.0	34R30040
RD3	4	14.5	43	3.0	34R70043
	6	16.5	44	3.0	34R00043
	8	20	52	3.0	34R30043
RD4	4	14.5	48	4.0	34R70044
	6	16.5	49	4.0	34R00044
	8	20	57	4.0	34R30044

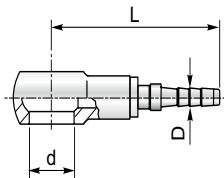


90°					
Tubo / Hose	Ø	H	L	D	Codice/Ref.
RD2	4	25.5	33	2.0	34R70090
	6	28	32	2.0	34R00090
	8	37	41	2.0	34R30090
RD3	4	25.5	33	3.0	34R70093
	6	28	32	3.0	34R00093
	8	37	41	3.0	34R30093
RD4	4	25.5	38	4.0	34R70094
	6	28	37	4.0	34R00094
	8	37	46	4.0	34R30094



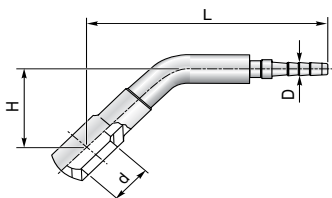
Raccordo ad occhio e dado forato

Banjo fitting and banjo screw



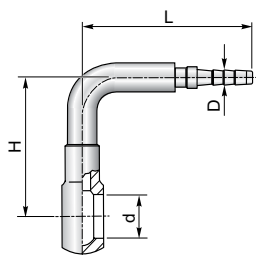
Tubo / Hose	d	Dado Forato / Banjo Screw	L	D	Codice/Ref.
RD2	6	M6X1	36.5	2.0	42R40000
	8	M8X1	29.5	2.0	42R10000
	10	M10X1 - G1/8	31.5	2.0	42R00000
RD3	8*	M8X1	36.5	3.0	42R10003
	10	M10X1 - G1/8	31.5	3.0	42R00003
RD4	8*	M8X1	34.5	4.0	42R10004
	10	M10X1 - G1/8	36.5	4.0	42R00004
	14	M14X1,5 - G1/4	40.5	4.0	42R20004

\*Disponibili in INOX / Available in Stainless steel



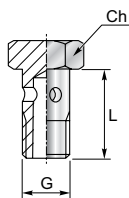
45°

Tubo / Hose	d	H	L	D	Codice/Ref.
RD2	8	22.5	45	2.0	42R10040
	10	17	51	2.0	42R00040
RD3	8	15	51.5	3.0	42R10043
	10	17	56	3.0	42R00043
RD4	8	15	51.5	4.0	42R10044
	10	17	56	4.0	42R00044



90°

Tubo / Hose	d	H	L	D	Codice/Ref.
RD2	8	26	36	2.0	42R10090
	10	36	34	2.0	42R00090
RD3	8	26	41	3.0	42R10093
	10	28	39	3.0	42R00093
RD4	8	26	41	4.0	42R10094
	10	36	40	4.0	42R00094

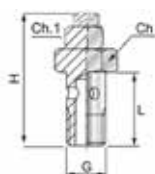


G	L	Ch	Codice/Ref.
M8x1*	17	12	42R0HS00
M10x1	19	14	42R1HS00
G1/8	19	14	4218HS00

\*Disponibili in INOX / Available in Stainless steel

Vite smorzatore di pressione Reg. M8x1.25

Pressure dumper screw M8x1.25

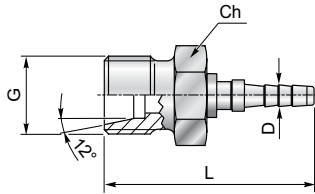


G	H	L	Ch	Ch 1	Codice/Ref.
G1/4	50	29	19	13	4214HS30
G1/8	53	31	22	13	4238HS35



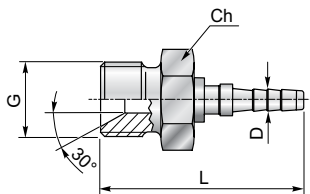
**Raccordi maschio fisso**

**Male fittings**

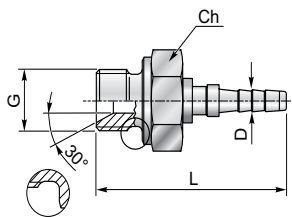


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	M12x1.5	30	14	2.0	44MFLR00
	M14x1.5	30	17	2.0	44MFLR10
	M16x1.5	31	19	2.0	44MFLR30
<b>RD3</b>	M12x1.5	34	14	3.0	44MFLR03
	M14x1.5	34	17	3.0	44MFLR13
	M16x1.5	35	19	3.0	44MFLR33
<b>RD4</b>	M12x1.5	35	14	4.0	44MFLR04
	M14x1.5	35	17	4.0	44MFLR14
	M16x1.5	36	19	4.0	44MFLR34

Serie L / L Series

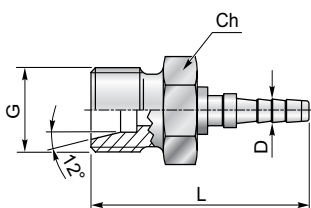


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	29	14	2.0	44MFG180
	G 1/4	34	19	2.0	44MFG140
<b>RD3</b>	G 1/8	34.5	14	3.0	44MFG183
	G 1/4	36.5	19	3.0	44MFG143
<b>RD4</b>	G 1/8	37	14	4.0	44MFG184
	G 1/4	36.5	19	4.0	44MFG144
	G 3/8	42.5	22	4.0	44MFG384



Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	31.5	14	2.0	44MFM180
	G 1/4	35.5	19	2.0	44MFM140
<b>RD3</b>	G 1/8	35	14	3.0	44MFM183
	G 1/4	39	19	3.0	44MFM143
<b>RD4</b>	G 1/8	33.5	14	4.0	44MFM184
	G 1/4	40.5	19	4.0	44MFM144

Tenuta con rondella di rame (non inclusa) / Sealing with copper washer (not included)



Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	M14x1.5	32	17	2.0	44MFSR00
	M16x1.5*	32	19	2.0	44MFSR10
	M18x1.5	33.5	22	2.0	44MFSR20
<b>RD3</b>	M14x1.5	36	17	3.0	44MFSR03
	M16x1.5	36	19	3.0	44MFSR13
	M18x1.5	36.5	22	3.0	44MFSR23
<b>RD4</b>	M14x1.5	37	17	4.0	44MFSR04
	M16x1.5	37	19	4.0	44MFSR14
	M18x1.5	38.5	22	4.0	44MFSR24
	M20x1.5	39	24	4.0	44MFSR34

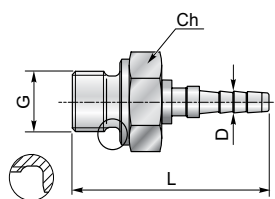
Serie S / S Series

\*Disponibili in INOX / Available in Stainless steel



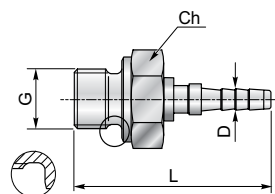
**Raccordi maschio fisso**

**Male fittings**



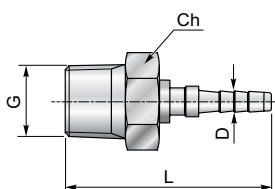
Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	M8x1	30	12	2.0	44MFDR00
	M10x1	30	14	2.0	44MFDR10
	M12x1.5	31	17	2.0	44MFDR30
	M5x1	30	12	2.0	44MFDRM5
<b>RD3</b>	M8x1	34	12	3.0	44MFDR03
	M10x1	34	14	3.0	44MFDR13
	M12x1.5	35	17	3.0	44MFDR33
<b>RD4</b>	M8x1	35	12	4.0	44MFDR04
	M10x1	35	14	4.0	44MFDR14
	M12x1.5	36	17	4.0	44MFDR34

Sede piana / Flat sealing

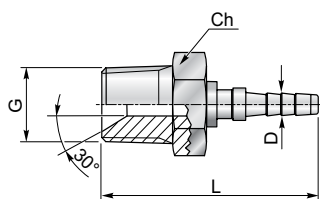


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	G 1/8	28.5	14	2.0	44MFD180
	G 1/4	35.5	19	2.0	44MFD140
<b>RD3</b>	G 1/8	33.5	14	3.0	44MFD183
	G 1/4	39	19	3.0	44MFD143
<b>RD4</b>	G 1/8	33.5	14	4.0	44MFD184
	G 1/4	39	19	4.0	44MFD144

Sede piana / Flat sealing



Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	R 1/8	28.5	12	2.0	44MFC180
	R 1/4	31.5	14	2.0	44MFC140
<b>RD3</b>	R 1/8	33.5	12	3.0	44MFC183
	R 1/4	36.5	14	3.0	44MFC143
<b>RD4</b>	R 1/8	31.5	12	4.0	44MFC184
	R 1/4	36.5	14	4.0	44MFC144



Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	1/8-27 NPTF	28	12	2.0	44MF8000
	1/4-18 NPTF*	35.5	17	2.0	44MF4000
<b>RD3</b>	1/8-27 NPTF	33	12	3.0	44MF8003
	1/4-18 NPTF	38	17	3.0	44MF4003
<b>RD4</b>	1/8-27 NPTF	35	12	4.0	44MF8004
	1/4-18 NPTF	40.5	17	4.0	44MF4004

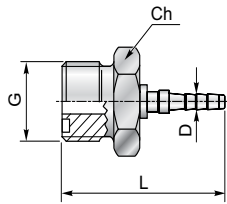
\*Disponibili in INOX / Available in Stainless steel





### Raccordo maschio tipo ORFS

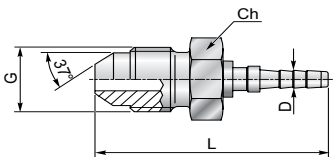
ORFS male fitting, UNF thread



Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	9/16-18 UNF	29	17	2.0	5991M000
<b>RD3</b>	9/16-18 UNF	33	17	3.0	5991M003
<b>RD4</b>	9/16-18 UNF	33	17	4.0	5991M004

### Raccordo maschio JIC 74°

JIC 74° Male fitting

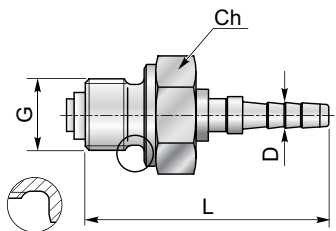


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD2</b>	3/8-28 UNF	32	12	2.0	44AJ3800
	7/16-20 UNF*	34.5	14	2.0	44AJ7100
	1/2-20 UNF	37	17	2.0	44AJ1200
<b>RD3</b>	3/8-24 UNF	36	12	3.0	44AJ3803
	7/16-20 UNF	40	14	3.0	44AJ7103
	1/2-20 UNF	41	17	3.0	44AJ1203
<b>RD4</b>	3/8-24 UNF	36	12	4.0	44AJ3804
	7/16-20 UNF	40	14	4.0	44AJ7104
	1/2-20 UNF	41	17	4.0	44AJ1204

\*Disponibili in INOX /  
Available in Stainless steel

### Raccordo maschio per porta manometro

Gauge male fitting

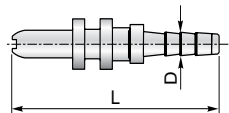


Tubo / Hose	G	L	Ch	D	Codice/Ref.
<b>RD4</b>	ISO 228 G 1/4"	42	17	4.0	44GC1404



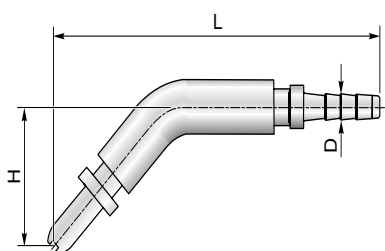
Innesto per minipressa a baionetta

Plug-in connection



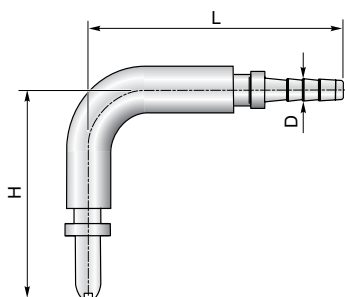
Tubo / Hose	L	D	Codice/Ref.
<b>RD2*</b>	27	2.0	<b>33TD0000</b>
<b>RD3</b>	31	3.0	<b>33TD0003</b>
<b>RD4</b>	31	4.0	<b>33TD0004</b>

\*Disponibili in INOX /  
Available in Stainless steel



**45°**

Tubo / Hose	H	L	D	Codice/Ref.
<b>RD2</b>	24	57	2.0	<b>33TD0040</b>
<b>RD3</b>	24	59	3.0	<b>33TD0043</b>
<b>RD4</b>	24	59	4.0	<b>33TD0044</b>

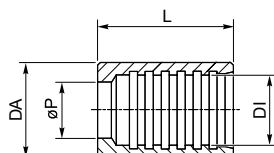


**90°**

Tubo / Hose	H	L	D	Codice/Ref.
<b>RD2</b>	28	32	2.0	<b>33TD0090</b>
<b>RD3</b>	28	36	3.0	<b>33TD0093</b>
<b>RD4</b>	28	36	4.0	<b>33TD0094</b>

Ghiera a pressare

Ferrule



DA	DI	L	ØP	Ø Press	PN [bar]	Codice/Ref.
8.0*	5.1	15	4.5	7.1	600	<b>30BT2000</b>
9.0*	6.5	17	6	7.6	600	<b>30BT3000</b>
12*	9.2	17	6.5	10.2	600	<b>30BT4000</b>

\*Disponibili in INOX /  
Available in Stainless steel

Ø Press = Diametro di pressatura / Crimping diameters

- La boccola non è inclusa nel codice del raccordo, è da ordinare separatamente.
- The ferrule is not included in the fitting code, it is to be ordered separately.



### Manometro digitale Service Junior

#### Service Junior digital gauge



	Codice/Ref.
• Misurazione e visualizzazione digitale della pressione / Digital pressure measurement and display	SCJN-XXX-01-MP
• Precisione $\pm 0,5$ % FS / Accuracy $\pm 0,5$ % FS	
• Visualizzazione con grafico a barre con funzione di memorizzazione dei livelli di picco / Display with bar graph with peak and hold function.	
• Rilevamento dei picchi di pressione – Velocità di rilevamento 10 MS / Pressure peak captured – 10ms scanning rate.	
• Adattatore M16X2 per connessione a minipresa / Test point adapter M16X2.	

**Scale disponibili dei manometri digitali: -1...16bar; 0...100bar; 0...400bar; 0...600bar; 0...1000bar.**

**Available digital gauge range: -1...16bar; 0...100bar; 0...400bar; 0...600bar; 0...1000bar.**

### Kit portatile prova pressione digitale

#### Pressure test digital kit

Valigetta completa di: / Box completed with: Dim. 385x255x90 mm	Codice/Ref.
2 Manometri digitali Service Junior / Digital gauge Service Junior	CBOXMEDDS
2 Adattatori per innesto rapido / Quick coupling adapters	
2 Adattatori maschio-maschio M16X2-M16X2 / Adapters male-male M16X2-M16X2	
1 Tubo M16X2- M16X2 lunghezza 2000mm / 1 hose M16X2- M16X2 length 2000mm	
1 Adattatore femmina-maschio M10X1- 3/8"gas / 1 Adapter female-male M10X1- 3/8"gas	
1 Adattatore femmina-maschio M10X1- 1/2"gas / 1 Adapter female-male M10X1-1/2"gas	
1 Minipresa 1/4" gas / Test point 1/4" gas	
1 Minipresa 1/8" gas / Test point 1/8" gas	
1 Minipresa M8X1 / Test point M8X1	
1 Minipresa M10X1 / Test point M10X1	





#### SERVICEMAN PLUS\*

- Funzionalità Plug & Play con riconoscimento automatico dei sensori, basta inserire il sensore desiderato e iniziare a misurare.
- Ampio display retroilluminato per una facile e rapida lettura anche in condizioni di luce scarsa.
- Diagnostica semplificata grazie alla memorizzazione dei valori MIN/MAX e alla visualizzazione diretta della pressione differenziale o della potenza idraulica.
- Guida all'uso semplice e chiara.

#### SERVICEMAN PLUS\*

- "Plug & Play" using automatic sensor recognition, simply plug in and measure.
- Large back-lit display for quick and secure reading, even under difficult conditions.
- Simply troubleshooting using MIN/MAX memory and direct display of differential pressure or hydraulic performance.
- Simply and clear user prompts.



Sensori / Sensors



Flussometro / Flow meter

Kit Serviceman Plus	SCKIT-155-0-00	SCKIT-155-2-00
Valigetta / Device Case	1	1
Parker Serviceman Plus con chiavetta USB, alimentatore, cavo di collegamento per PC e software SensoWin / Parker Serviceman Plus incl. USB stick, power supply, PC connection cable and SensoWin software	SCM-155-0-02-MP	SCM-155-2-05-MP
Cavo di collegamento analogico da 3 metri / Analogue connection cable 3 m	2	-
Cavo di collegamento CAN / Connection cable CAN	-	2
Ripartitore a Y CAN / Y-distributor CAN	-	1
Resistenza di chiusura CAN / Final resistance CAN	-	1
Adattatore (M16x2 esterno - M16x2 esterno) / Adapter (M16x2 external - M16x2 external)	2	2
Tubo flessibile di misurazione da 1.500 mm (M16x2) / Measurement tube 1.500 mm (M16x2)	2	2

\* Disponibile in versione CAN Bus o analogica, eventuali sensori e flussometri da aggiungere al kit base.

\* Available in CAN Bus or analogue version, sensors and flow meters to be added to basis kit.



Le valigette prova pressione sono predisposte per il collegamento tramite raccordi avvitabili standard M 16x2 e tubo capillare flessibile.

I manometri sono a molla Bourdon con riempimento di liquido (glicerina 99.7%).

Classe di precisione (sul valore di fondo scala): 1% per i manometri diam. 100 mm e 1.6% per i manometri diam. 63 mm secondo NORMA DIN 16005.

Per ogni valigetta è possibile scegliere il fondo scala di ogni singolo manometro da includere all'interno della stessa. Ogni kit è corredato di tubo capillare flessibile Rapid System di mt 2 raccordato femmina 16x2 per minipresa.

Scale disponibili: -1...0 - 0,6 - 1 - 1,6 - 2,5 - 4 - 6 - 10 - 16 - 25 - 40 - 60 - 100 - 160 - 250 - 315 - 400 - 600 - 1000.

Test kits are made for connecting any hydraulic equipment with standard threaded test couplings M 16x2 and fitted micro-hose.

Pressure gauges are fitted with a Bourdon spring and liquid filled (glycerine 99.7%), according to DIN 16005.

Ø 100 mm accuracy 1%.  
Ø 63 mm accuracy 1.6%.

Each kit is supplied with a fitted female 16x2 2 metre micro hose and gauges chosen from these ranges, in bar:

- 1...0 - 0,6 - 1 - 1,6 - 2,5 - 4 - 6 - 10 - 16 - 25 - 40 - 60 - 100 - 160 - 250 - 315 - 400 - 600 - 1000.



### 3 manometri cassa inox

#### 3 pressure gauges stainless steel housing

diam. 63 mm dim. 320x280xh119 mm	<b>Codice/Ref.</b> <b>CBOXMED3</b>
Opzione: manometri con logo Mini Press Option: gauges with Mini Press logo	CBOXMED3-M CBOXMED3-M

### 4 manometri cassa inox

#### 4 pressure gauges stainless steel housing

diam. 63 mm dim. 320x280xh119 mm	<b>Codice/Ref.</b> <b>CBOXMED4</b>
Opzione: manometri con logo Mini Press Option: gauges with Mini Press logo	CBOXMED4-M CBOXMED4-M






**5 manometri cassa ottone**
**5 pressure gauges brass housing**

2 diam. 100 mm	Codice/Ref.
3 diam. 63 mm	CBOXGRA5
dim. 430x320xh120 mm	

**7 manometri cassa inox**
**7 pressure gauges stainless steel housing**

diam. 63 mm	Codice/Ref.
dim. 430x320xh120 mm	CBOXGRA7

Opzione: manometri con logo Mini Press	CBOXGRA7-M
Option: gauges with Mini Press logo	CBOXGRA7-M


**Kit portatile prova pressione componibile**
**Modular portable pressure test kit**


Valigetta completa di: / Box completed with: Diam. 63 mm e/o 100 mm Dim. 385x255x90 mm	CBOXMEDS1
Microtubo raccor. F16x2-F16x2 L.2000mm / Fitted micro-hose F16x2-F16x2 L.2000mm	1
Portamanometro diretto 1/4" / Direct gauge connection 1/4"	1
Portamanometro 1/4" BSP / Direct gauge connection 1/4" BSP	1
Minipresa pistone 1/4" BSP / Poppet Valve Test point 1/4" BSP	1
Minipresa pistone 1/4" - 18NPTF / Poppet Valve Test point 1/4" - 18NPTF	1
Minipresa pistone M8x1 / Poppet Valve Test point M8x1	1
Minipresa pistone M14x1,5 / Poppet Valve Test point M14x1,5	1
Minipresa pistone 7/16" - 20UNF / Poppet Valve Test point 7/16" - 20UNF	1
Riduzione F M10X1 - M ISO228 G3/8" / Reducing adaptor F M10X1 - M ISO228 G3/8"	1
Riduzione F M10X1 - M ISO228 G1/2" / Reducing adaptor F M10X1 - M ISO228 G1/2"	1
Rubinetto escludere attacco 90° / Anti-shock valve 90° entry	1
Rubinetto escludere attacco diritto girevole / Anti-shock valve swivel direct entry	1
Manometro Wika inox+glicerina d.63 attacco radiale / Wika gauge - s/steel+glycerine d.63 radial entry	2

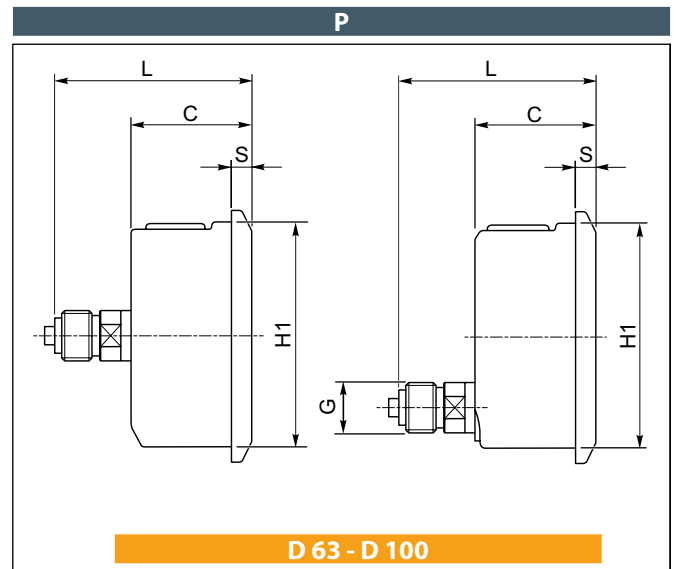
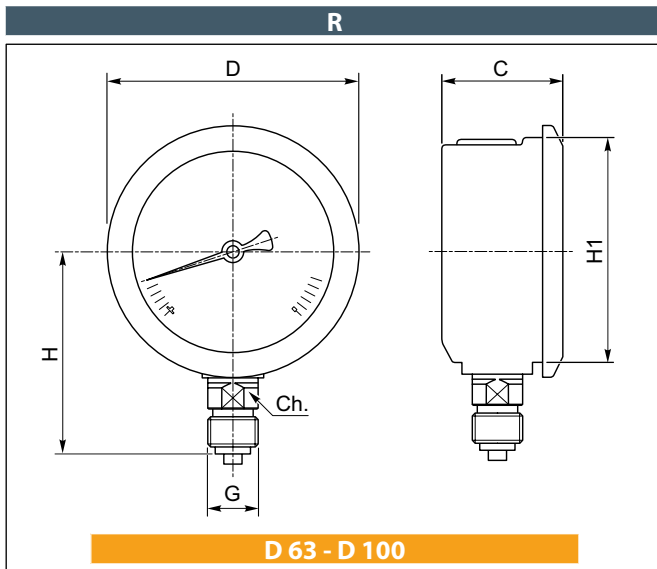
Opzione: manometri con logo Mini Press	CBOXMEDS1-M
Option: gauges with Mini Press logo	CBOXMEDS1-M









**Manometri cassa acciaio inox con riempimento glicerina**

*Pressure gauges stainless steel case. Glycerine filled*



	D	ISO228	H	H1	L mm	S mm	C mm	Ch mm	KI % F.S
<b>D 63</b>	63	G 1/4" A	54	62	56	6.5	32	14	1.6
<b>D 100</b>	100	G 1/2" B	87	100	81.5	8	48	22	1

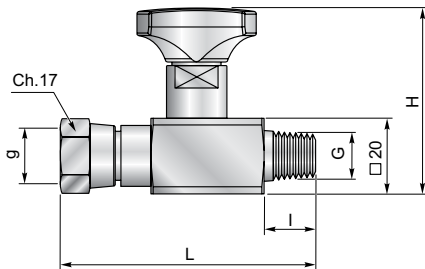
D 63		
Scala / Range [bar]	Codice/Ref.	
		
-1...0	063.V01R	063.V01P
0...0.6	063.V06R	063.V06P
0...1	063.001R	063.001P
0...1.6	063.V16R	063.V16P
0...2.5	063.V25R	063.V25P
0...4	063.004R	063.004P
0...6	063.006R	063.006P
0...10	063.010R	063.010P
0...16	063.016R	063.016P
0...25	063.025R	063.025P
0...40	063.040R	063.040P
0...60	063.060R	063.060P
0...100	063.100R	063.100P
0...160	063.160R	063.160P
0...250	063.250R	063.250P
0...315	063.315R	063.315P
0...400	063.400R	063.400P
0...600	063.600R	063.600P
0...1000	063.M00R	063.M00P

D 100		
Scala / Range [bar]	Codice/Ref.	
		
-1...0	100.V01R	100.V01P
0...0.6	100.V06R	100.V06P
0...1	100.001R	100.001P
0...1.6	100.V16R	100.V16P
0...2.5	100.V25R	100.V25P
0...4	100.004R	100.004P
0...6	100.006R	100.006P
0...10	100.010R	100.010P
0...16	100.016R	100.016P
0...25	100.025R	100.025P
0...40	100.040R	100.040P
0...60	100.060R	100.060P
0...100	100.100R	100.100P
0...160	100.160R	100.160P
0...250	100.250R	100.250P
0...315	100.315R	100.315P
0...400	100.400R	100.400P
0...600	100.600R	100.600P
0...1000	100.M00R	100.M00P



### Esclusore attacco diretto girevole

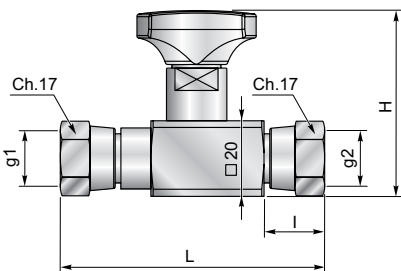
#### Anti-shock valve swivel straight connection



G	g	H	L	I	PN [bar]	Codice/Ref.
ISO 7/1 R 1/4"	ISO 228 G1/4"	50	60	14	400	ES 180

### Esclusore attacco diretto doppia femmina girevole

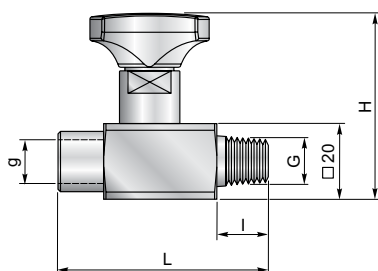
#### Anti-shock valve double swivel straight connection



g1	g2	H	L	I	PN [bar]	Codice/Ref.
ISO 228 G1/4"	ISO 228 G1/4"	50	60	14	400	ES 18G
ISO 228 G1/4"	ISO 228 G1/4" 60°	46	55.5	14	400	ES 18GF

### Esclusore attacco diretto fisso

#### Anti-shock valve fixed straight connection

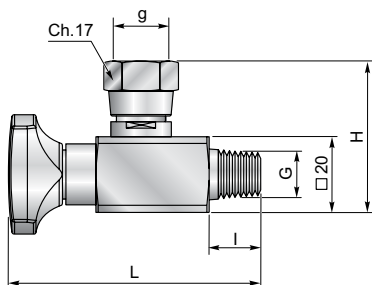


G	g	H	L	I	PN [bar]	Codice/Ref.
ISO 7/1 R 1/4"	ISO 228 G1/4"	50	58	14	400	ES 18F
ISO 7/1 R 1/4"	ISO 7/1 R 1/4"	50	58.5	14	400	ES 18FR
1/4" - 18 NPTF	1/4" - 18 NPTF	50	60	14	400	ES 18FN
7/16" - 20UNF	1/4" - 18 NPTF	50	60	14	400	ES 18FNU



**Esclusore attacco 90°**

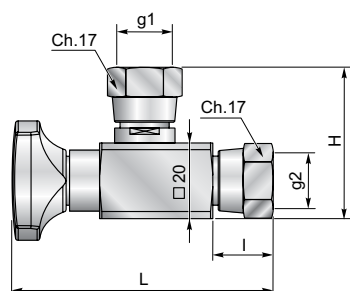
*Anti-shock valve 90° connection*



G	g	H	L	I	PN [bar]	Codice/Ref.
ISO 7/1 R 1/4"	ISO 228 G1/4"	40	68	14	400	ES 090

**Esclusore attacco 90° doppia femmina girevole**

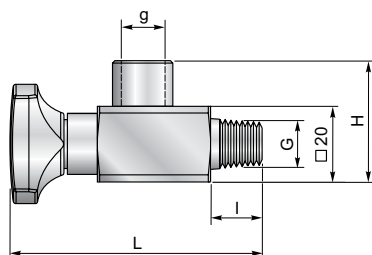
*Anti-shock valve 90° double swivel connection*



g1	g2	H	L	I	PN [bar]	Codice/Ref.
ISO 228 G1/4"	ISO 228 G1/4"	40	68	14	400	ES 09G
ISO 228 G1/4"	ISO 228 G1/4" 60°	40	68	14	400	ES 09GF

**Esclusore attacco fisso 90°**

*Anti-shock valve fixed 90° connection*



G	g	H	L	I	PN [bar]	Codice/Ref.
ISO 7/1 R 1/4"	ISO 228 G1/4"	40	68	14	400	ES 09F



Gamma / Range	Caratteristiche / Features
16 LPM 30 LPM 60 LPM 120 LPM 180 LPM	Pressione 420 bar (6000 psi) / Pressure 420 bar (6000 psi) Classe di precisione 4% fsd / Accuracy within 4% fsd
200 LPM 300 LPM 400 LPM	Pressione 280 bar (4000 psi) / Pressure 280 bar (4000 psi) Classe di precisione 4% fsd / Accuracy within 4% fsd

I misuratori di portata sono progettati per rilevazioni continue o uso discontinuo.

L'ampio diametro di 63mm dello strumento di lettura analogico assicura controlli rapidi per monitorare le prestazioni di pompe idrauliche e per settare valvole di controllo del flusso.

Possono essere utilizzati su impianti idraulici fissi e mobili, ma anche su sistemi di lubrificazione e raffreddamento e su equipaggiamenti per l'erogazione di acqua e acqua-olio.

Per le loro caratteristiche i misuratori di portata possono essere utilizzati in condizioni avverse o in applicazioni dove non è possibile attingere all'energia elettrica.

Inoltre è possibile misurare la temperatura, tramite il termometro e la pressione, grazie alla predisposizione per la connessione con una minipresa da 1/4" G.

*Flow indicators are designed for continuous monitoring or intermittent use commissioning.*

*The large clear 63mm diameter dial ensure that quick checks can be made to determine pump performance and setting of flow control valves.*

*They can be used on mobile and industrial hydraulic circuits. Also lubrication and coolant system using oil/water.*

*These direct acting flow indicators can be installed in hazardous areas or on applications where no power is available.*

*Moreover it is possible to check the temperature by the thermometer and the pressure by the predisposition for the connection with a 1/4" G test coupling.*



- A) POTENZA DI PRESSATURA: 100 Tonnellate
  - B) DIAMETRO MAX DI PRESSATURA: 46mm con set di morsetti
  - C) RANGE DI PRESSATURA (mm) : 6,5 - 30
  - D) APERTURA MORSETTI: +20mm
  - E) APERTURA SENZA MORSETTI: 59mm
  - F) DIMENSIONI: 200X300h.330
  - G) PESO: Kg. 24
  - H) SICUREZZA: Conforme alle norme CE
- Nonio graduato con spia luminosa per segnalare il diametro di pressatura raggiunto.

- A) SWAGING STRENGTH: 100 Tons
  - B) MAXIMUM CRIMPING DIAMETER: 46 mm including dies set
  - C) CRIMPING RANGE (mm): 6,5 – 30
  - D) MAXIMUM OPENING OF DIES SET: +20mm
  - E) MACHINE MAXIMUM OPENING WITHOUT DIES SET: 59mm
  - F) DIMENSIONS: 200X320Xh.330mm
  - G) WEIGHT: Kg. 24
  - H) SAFETY: Conforms To CE Standards
- Graduated vernier with control light indicating the achievement of the required crimping diameter.

La pressa è una macchina robusta e leggera, studiata per essere facilmente trasportabile sul posto di lavoro; ideale per la graffatura di tubi flessibili impiegati nei circuiti oleodinamici. Non necessita di particolare manutenzione, a parte una periodica lubrificazione.

Codice prodotto complete di set di morsetti per pressatura microtubi **RD2-3-4: O100M+6,5**

*The machine is sturdy, lightweight and designed to be easily carried in work site; ideal for swaging hoses for hydraulic systems. It does not require any special maintenance, except for a periodic lubrication.*

*Item part number complete with set of clamps to crimp **RD2-3-4 micro hoses: O100M+6,5***

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**MINI PRESS s.r.l.**

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