

MCS

HYDRAULICS

Miniprese prova pressione Test Couplings for pressure checking



*Collezione - Collection
2019*



Miniprese prova pressione

Test couplings for pressure checking

Applicazioni:

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

Materiale:

- Acciaio Inox AISI316L/Ti
- Su richiesta : AcciaioInox 316Ti, AISI303, AISI304

Guarnizioni:

- VITON(FKM)

Temperature di esercizio:

- -25°.....+230°C

Fluidi:

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

Applications:

- Pressure control
- Lubrication
- Airbleeding
- Oil sampling

Material:

- Stainless Steel AISI316L/Ti
- On request : Stainless Steel 316Ti, AISI303, AISI304

Sealing:

- (FKM)VITON

Working Temperature:

- -25°.....+230°C

Fluids:

- Hydraulic oils
- Mineral oils
- Suitability with other fluids on request

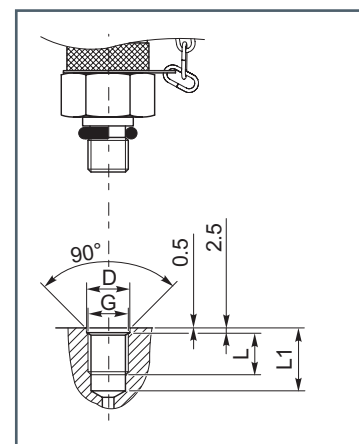
Esecuzione dei fori filettati e tipi di tenuta

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



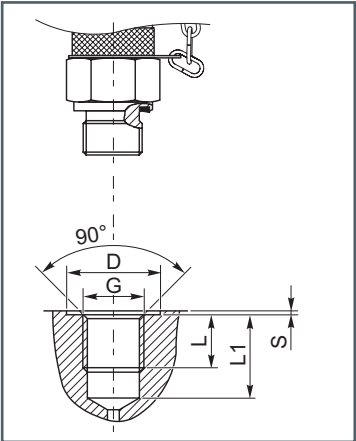
Miniprese prova pressione
Test couplings for pressure checking



Type **C**

Tenuta con guarnizione piana
Flat gasket sealing

G	D	L	L1	S
M 10x1	17	10	13.5	1
M 12x1,5	17	10	13.5	1
M 12x1.5	18	12	18.5	1
M 14x1.5	20	14	18.5	1
ISO 228 G 1/8"	17	10	13.5	1
ISO 228 G 1/4"	20	14	18.5	1
ISO 228 G 3/8"	24	16	18.5	1.5
ISO 228 G 1/2"	30	18	24	1.5

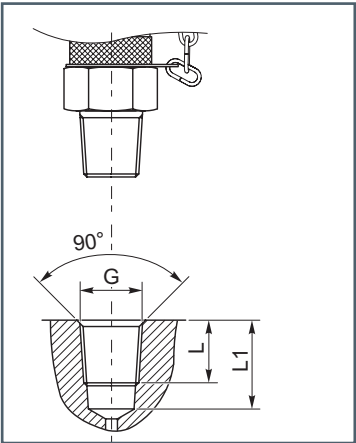


Type **D**

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	12
ISO 7/1 1/4"	8.5	13.5
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





Miniprese prova pressione
Test couplings for pressure checking

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 pistone
Metal cap with chain and poppet valve sealing system

Lasciare "S1" nel codice / Put "S1" in the ref.	S1xxxxxxC
Tappo: Lettera "C" nel codice / "C" in the ref.	S1xxxxxxC

Opzioni / Options



0

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

Sostituire nel codice "C" con "0" / Replace "C" with "0"	S1xxxxxx0
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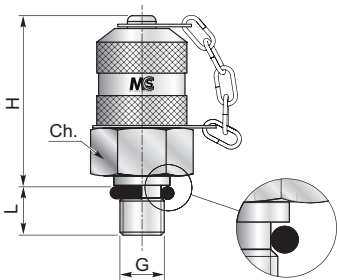
P

Tappo in plastica / Plastic cap

Sostituire nel codice "C" con "P" / Replace "C" with "P"	S1xxxxxxP
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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	S10108V1AIC
M10x1	37	8.5	17	630	A	S10110V1AIC

*Disponibile su richiesta / available on request

Opzioni/Options

0

P

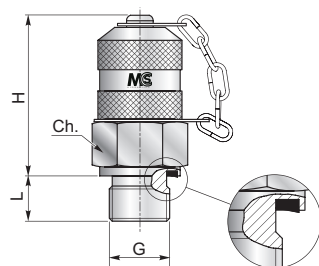
Miniprese prova pressione

Test couplings for pressure checking



Miniprese filettate M16x2

Threaded test couplings M16x2

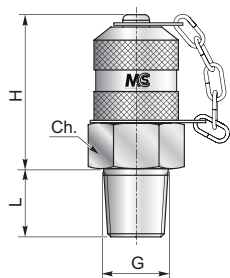


G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Metrica cilindrica / Metric parallel						
M 10x1	37	8	17	630	Type	S10410V1AIC
M 12x1.5	37	10	17	630	C	S10612V15AIC
M 14x1.5	37	12	22	630		S10614V15AIC
Gas cilindrica / B.S.P. parallel						
ISO 228 G 1/8"	37	8	17	630	Type	S10718GVAIC
ISO 228 G 1/4"	37	12	19	630	C	S10714GVAIC
ISO 228 G 3/8"	37	14	22	630		S10738GVAIC
ISO 228 G 1/2"	37	15	27	630		S10712GVAIC

Opzioni/Options

0

P



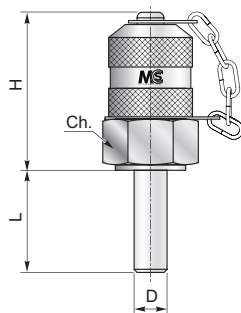
G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
GAS conica / B.S.P taper						
ISO 7/1 R 1/8"	37	10	17	400	Type	S1081828VAIC
ISO 7/1 R 1/4"	37	12	19	630		S1081419VAIC
NPTF / NPTF						
1/8"-27 NPTF	37	10	17	400	Type 	S1091827VAIC
1/4"-18 NPTF	37	17	17	630		S1091418VAIC
3/8"-18 NPTF	37	16	22	630		S1093818VAIC
1/2"-14 NPTF	37	17	24	630		S1091214VAIC

0

P

Miniprese a codolo liscio M16x2

Standpipe test couplings M16x2



D	H	L	Ch	PN [bar]		Codice/Ref.
				SeriesL	SeriesS	
6	37	20	17	315	630	S11206VAIC

Opzioni/Options

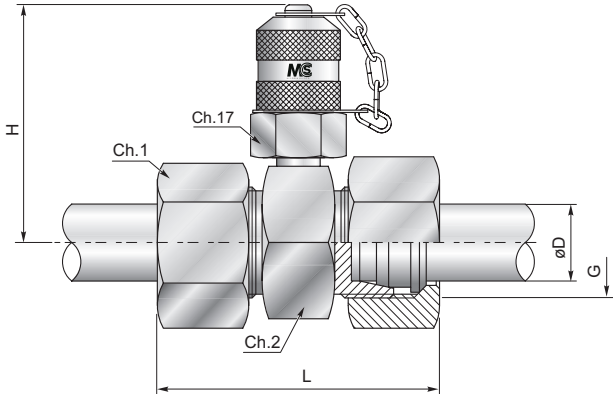
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Miniprese prova pressione
Test couplings for pressure checking

Minipresa raccordo intermedio diritto per tubo metallico M16x2
Straight test coupling for metal pipe fitting M16x2



Serie / Series	D	G	H	L	Ch 1	Ch 2	PN [bar]	Codice/Ref.
Raccordi ad anello / Ring fittings								
L	6	M12x1.5	49	51	14	24	315	S11306VAIC
	8	M14x1.5	49	51	17	24	315	S11308VAIC
	10	M16x1.5	49	53	19	24	315	S11310VAIC
	12	M18x1.5	49	53	22	24	315	S11312VAIC
	15	M22x1.5	50.5	55	27	27	315	S11315VAIC
	18	M26x1.5	53	57	32	32	315	S11318VAIC
	22	M30x2	53	61	36	32	160	S11322VAIC
	28	M36x2	57.5	61	41	41	160	S11328VAIC
	35	M45x2	60	69	50	46	160	S11335VAIC
	42	M52x2	64.5	71	60	55	160	S11342VAIC
S	6	M14x1.5	49	55	17	24	630	S11406VAIC
	8	M16x1.5	49	55	19	24	630	S11408VAIC
	10	M18x1.5	49	57	22	24	630	S11410VAIC
	12	M20x1.5	49	57	24	24	630	S11412VAIC
	14	M22x1.5	49	63	27	24	630	S11414VAIC
	16	M24x1.5	52	63	30	27	400	S11416VAIC
	20	M30x2	53	69	36	32	400	S11420VAIC
	25	M36x2	57.5	75	46	41	400	S11425VAIC
	30	M42x2	60	81	50	46	400	S11430VAIC
	38	M52x2	64.5	89	60	55	315	S11438VAIC

Opzioni/Options

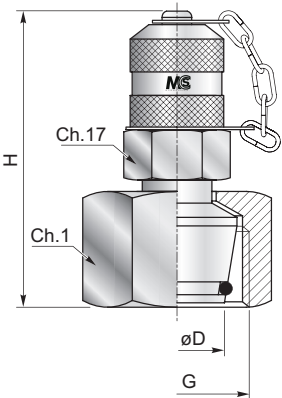
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Miniprese prova pressione
Test couplings for pressure checking



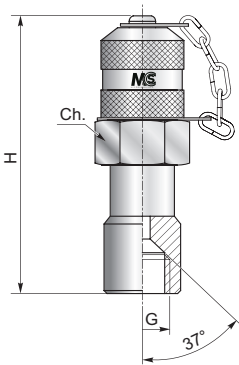
Minipresa tipo DKO codolo conico 24° con O-Ring M16x2
Test coupling with 24° O-Ring sealing cone DKO type M16x2



Serie / Series	D	G	H	Ch 1	PN [bar]	Codice/Ref.
L	6	M12x1.5	54	14	315	S11012V15AIC
	8	M14x1.5	54	17	315	S11014V15AIC
	10	M16x1.5	59	19	315	S11016V15AIC
	12	M18x1.5	59	22	315	S11018V15AIC
	15	M22x1.5	59	27	315	S11022V15AIC
	18	M26x1.5	59	32	315	S11026V15AIC
	22	M30x2	59	36	160	S11030V20AIC
	28	M35x2	60	41	160	S11035V20AIC
	35	M45x2	62	50	160	S11045V20AIC
	42	M52x2	65	60	160	S11052V20AIC
S	6	M14x1.5	54	17	630	S11114V15AIC
	8	M16x1.5	54	19	630	S11116V15AIC
	10	M18x1.5	59	22	630	S11118V15AIC
	12	M20x1.5	59	24	630	S11120V15AIC
	14	M22x1.5	59	27	630	S11122V15AIC
	16	M24x1.5	60	30	400	S11124V15AIC
	20	M30x2	62	36	400	S11130V20AIC
	25	M36x2	65	46	400	S11136V20AIC
	30	M42x2	65	50	400	S11142V20AIC
	38	M52x2	65	60	315	S11152V20AIC

Opzioni/Options **0** **P**

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.
9/16"-18 UNF	66	19	315	S115091FFVAIC

Opzioni/Options **0** **P**

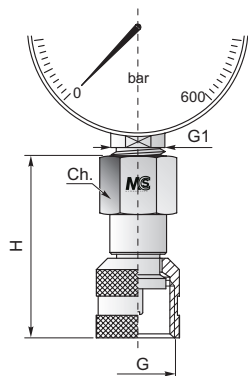


Miniprese prova pressione

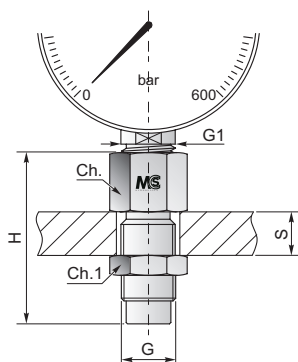
Test couplings for pressure checking

Adattatori per manometro

Pressure gauge adapters



G	G1	H	Ch	PN [bar]	Codice/Ref.
Portamanometro connessione diretta / Direct gauge adapter					
M 16x2	ISO228G1/4"	50	19	630	2014VAI0
M 16x2	ISO228G1/2"	55	27	630	2012VAI0
M 16x2	1/4"-18NPTF	50	19	630	2014NPTVAI
M 16x2	1/2"-14NPTF	55	27	630	2012NPTVAI

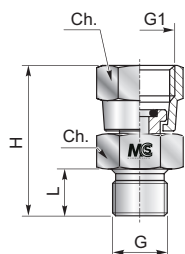


G	G1	H	Ch	Ch 1	S max	PN [bar]	Codice/Ref.
Portamanometro passaparete / Bulkhead pressure gauge connection							
M 16x2	ISO228G1/4"	50	19	19	11	630	1814VAI0
M 16x2	ISO228G1/2"	57	27	19	13	630	1812VAI0
M 16x2	1/4"-18NPTF	50	19	19	11	630	1814NPTVAI
M 16x2	1/2"-14NPTF	57	27	19	13	630	1812NPTVAI

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

Adattatori

Adapters



G1	G	H	L	Ch	PN [bar]	Tenuta/Seal	Codice/Ref.
Connettore portamanometro orientabile / Swivel pressure gauge connection							
ISO 228 G 1/4"	ISO 228 G 1/4"	34	11	17	400	*	1814MVAI
ISO 228 G 1/4"	ISO 228 G 1/2"	40	15	17	400	*	1814M12VAI
ISO 228 G 1/4"	ISO 7/1 R 1/4"	34	12	17	400	*	1814MBSPTVA
ISO 228 G 1/4"	ISO 7/1 R 1/2"	46	16	27	400	*	1842MBSPTVA
ISO 228 G 1/2"	ISO 7/1 R 1/2"	46	16	27	400	*	1812MBSPTVA
ISO 228 G 1/2"	ISO 7/1 R 1/4"	46,5	12	27	400	*	1824MBSPTVA

*Rondella di rame (a richiesta) / Copper washer (on request)



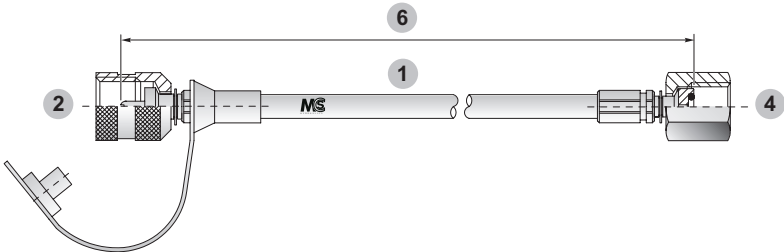
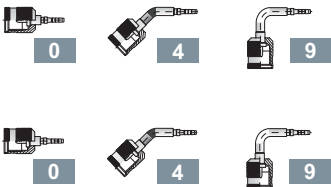
Come ordinare

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 lenght



Normativa di riferimento

Reference regulations

Riferimento tubo / Hose code	
RD2 - RD4	
Adatto per passaggio di oli minerali, oli idraulici tipo ASTM3,benzine.Resistenza chimica all'olio per freni (tipo DOT4) For mineral and hydraulic oil, type ASTM3,fuel.Brake systems oil (type DOT4).	

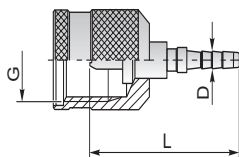
		RD2	RD4
Diamesterno Outsidediameter	[mm]	5	8
Diametro interno Inside diameter	[mm]	2	4
Pressione max.di lavoro Max.working pressure	[bar]	630	500
Pressione minima di scoppio Min.bursting pressure	[bar]	1890	1500
Raggio minimo Min.bending radius	[mm]	20	35
Temperature di esercizio Working temperature	°C	-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		



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

Raccordo connessione avvitabile per miniprese

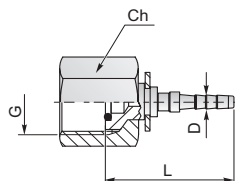
Test coupling threaded female fitting



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	M16x2	32.5	19	2.0	31TNVAI0
RD4	M16x2	36.5	19	4.0	31TNVAI4

Raccordo connessione avvitabile per manometro

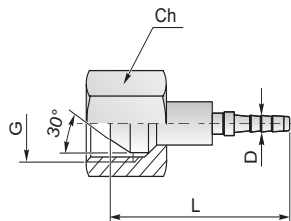
Gauges threaded fitting



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	G 1/4	26	19	2.0	3614VAI0
	G 1/2	33.5	27	2.0	3612VAI0

Raccordo femmina girevole connessione cono 60° tipo DKR

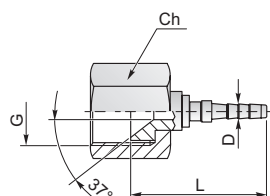
Swivel female fitting 60° cone connection type DKR



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	G 1/4	26	17	2.0	3814AI00
RD4	G 1/4	32.5	17	4.0	3814AI04

Raccordo femmina girevole connessione JIC 74° tipo DKJ

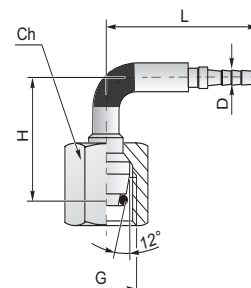
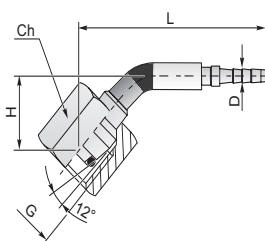
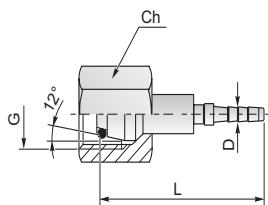
Swivel female fitting JIC 74° connection type DKJ



Tubo / Hose	G	L	Ch	D	Codice/Ref.
RD2	7/16-20 UNF	25	14	2.0	3916AI00
	3/8-24 UNF	24.5	12	2.0	3938JAI0
RD4	7/16-20 UNF*	28	14	4.0	3916AI04

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.
	RD4	6	M12x1.5	35.5	14		4.0	35R0VAI4
	RD2	6	M12x1.5	31.6	14		2.0	35R0VAI0
	RD2	8	M14x1.5	31.6	17		2.0	35R2VAI0
45°	Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
	RD4	6	M12x1.5	15	50	14	4.0	35R0VAI44
90°	Tubo / Hose	Ø	G	H	L	Ch	D	Codice/Ref.
	RD4	6	M12x1.5	25	38	14	4.0	35R0VAI94

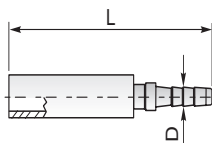
Tubo capillare per alta pressione e raccordi

Micro hose for high pressure and fittings



Raccordi a codolo liscio

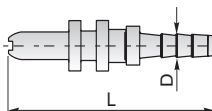
Standpipe fitting



Tubo / Hose	Ø	L	D	Codice/Ref.
RD2	6	36	2.0	34R0AI00
	8	36	2.0	34R3AI00

Innesto per minipresa a baionetta

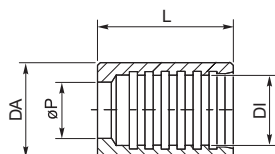
Plug-in connection



Tubo / Hose	L	D	Codice/Ref.
RD2	27	2.0	33TDAI00

Ghiera a pressare

Ferrule



Tubo Hose	DA	DI	L	Ø P	Ø Press	PN [bar]	Codice/Ref.
RD2	8.0	5.1	15	4.5	7.1	600	FR012
RD4	12.0	8.6	17	6.5	10.2	600	FR025

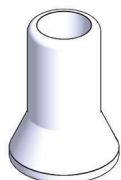
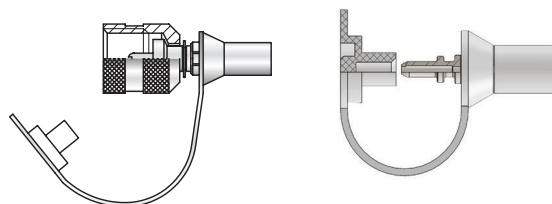
Ø Press = Diametro di pressatura / Crimping diameters



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

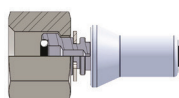
Codice/Ref.
32CP0000
32CP0004



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.