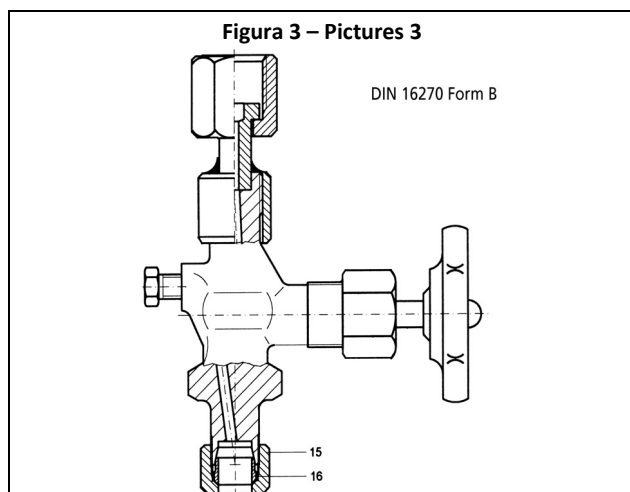
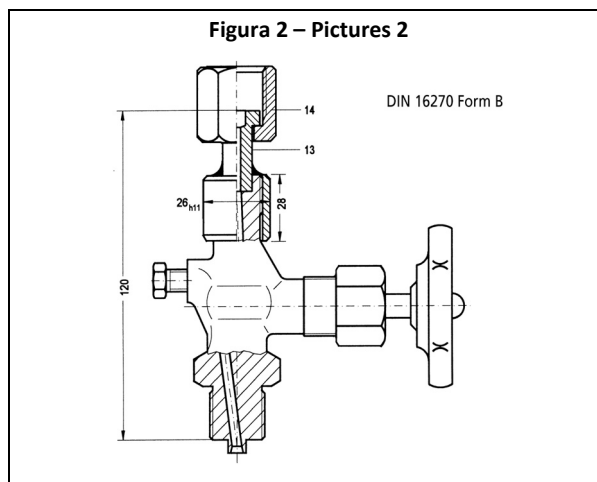
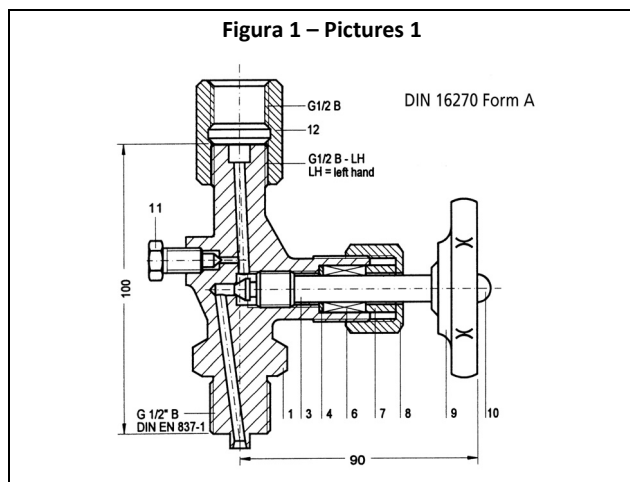


Valvole portamanometro da corpo forgiato
Forged body gauge valves

Gauge valves are shut-off valves for a special use. The direct shut-off of pressure gauges. In most cases there is a vent screw on the outlet side for expansion to the pressure gauge. The connection to the instrument is an adjusting nut or an union nut. For mounting use seals according to DIN 16258



DN Max. 4
 PN Max. 400
 T. Max. 120 °C (According to DIN)
 Material : 316Ti - On request other material

Our gauge-valves are manufactured according to DIN regulations.
 Your guarantee for workmanship at a high standard.

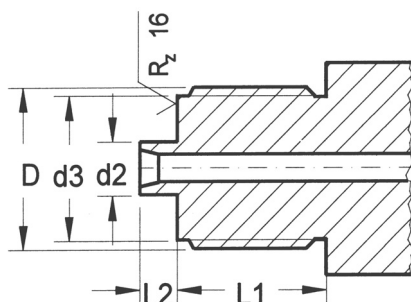
Part No.	Description	Material		
		C	S	B
1	Forged body	1.0460 - A105	1.4571 - 316Ti	MS58 - Brass
3	Spindle roll sealed	1.4104 - 430F	1.4571 - 316Ti	1.4104 - 430F
3.1	Cone, Rolled into, Movable	1.4034 - SS	1.4571 - 316Ti	1.4034 - SS
4	Taper ring	1.0501 - 1035	1.4571 - 316Ti	MS58 - Brass
6	Packing	Graphite ¹	PTFE ²	PTFE ²
7	Gland	1.0715 - 1213	1.4571 - 316Ti	MS58 - Brass
8	Union nut	1.0715 - 1213	1.4571 - 316Ti	MS58 - Brass
9	Handwheel	Moulded Plastic ³	Moulded Plastic ³	Moulded Plastic ³
10	Nut	Steel galvanized	1.4301 - 316Ti	MS58 - Brass
11	Vent screw	1.4104 - 430F	1.4571 - 316Ti	1.4104 - 430F
12 form A	Adjusting nut	1.0715 - 1213	1.4305 - 303	MS58 - Brass
13 form B	Nut (DIN 16284)	1.0036 - A570Gr33,36	1.4571 - 316Ti	MS58 - Brass
14	Nut (DIN 16284)	1.0715 - 1213	1.4305 - 303	MS58 - Brass
15	Nut (DIN 3870)	1.0715 - 1213	1.4571 - 316Ti	MS58 - Brass
16	Cutting ring (DIN 3861)	Steel (DIN 3859)	1.4571 - 316Ti	MS58 - Brass

¹ On Request Graphite-Packing

² Free of oil and grease : oxygen packing max PN 250

³ On request steel sheet or tommy bar.

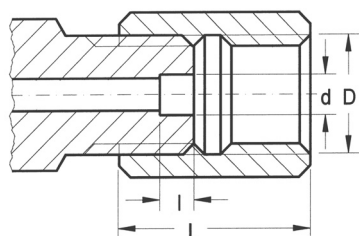
Parallel Male Thread Mod. GM / MM



DIN ISO 228/1 with zentring
DIN EN837 (DIN 16288)

Code	D	d2	d3	L1	L2
GM 18	G1/8 B	-	8	10	2
GM 14	G1/4 B	5,(4)	9,5	13	2
GM 38	G3/8 B	5,5	13	16	3
GM 12	G1/2 B	6	17,5	20	3
MM 12	M20x1,5	6	17,5	20	3

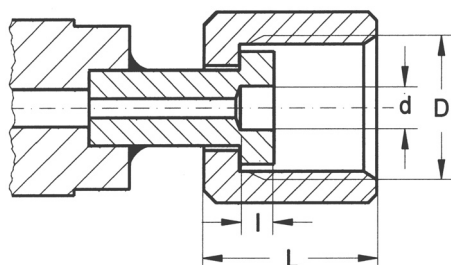
Adjusting nut (connection-thread left handed with adjusting nut) Mod. SP



Parallel male thread DIN ISO 228/1 G-(M-)left hand with boring and adjusting nut DIN 16283 for adjustable mounting of pressure gauges.

Code	D	L	d	l min
SP 14	G1/4"	23	5,5	3,5
SP 12	G1/2"	36	7	5,5
SP 20	M20x1,5	36	7	5,5

Union nut Mod. LG / LM

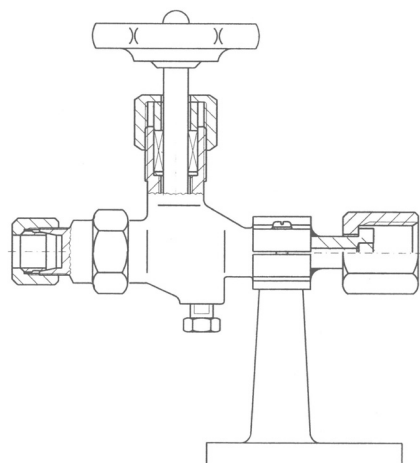
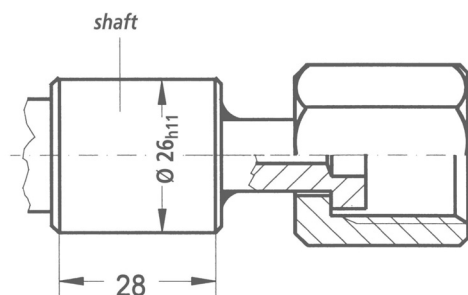


Welded nipple with union nut for adjustable connection of a gauge Nipple-connection according to DIN EN 837 (DIN 16284)

Code	D	L min	d	l
LG 18	G1/8"	18	4	3
LG 14	G1/4"	22	5,5	3,5
LG 38	G3/8"	25	6	4
LG 12	G1/2" *	30	7	5,5
LM 20	M20x1,5 *	30	7	5,5

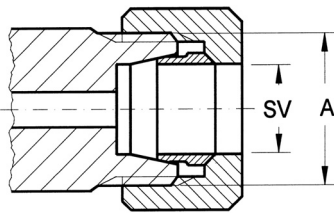
*G1/2" and M20x1,5 with shaft for mounting in a holder DIN 16281

*on request without this shaft



Cutting ring connection according to ISO 8434-1 (DIN 2353) Mod. SV

Male thread according to DIN 3853 spec. Bore: form W according to DIN 3861 spec. (instead of the cutting ring, there is a welding nipple possible)



Note : Inch Dimension on Request

Heavy Series

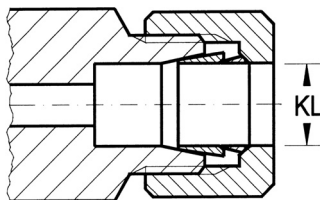
Code	SV = O.D.	A	PN
SV 6	6	M14x1,5	400
SV 8	8	M16x1,5	400
SV 10	10	M18x1,5	400
SV 12	12	M20x1,5	400
SV 14	14	M22x1,5	400

Light Series

Code	SV = O.D.	A	PN
SV 6I	6	M12x1,5	250
SV 8I	8	M14x1,5	250
SV 10I	10	M16x1,5	250
SV 12I	12	M18x1,5	250
SV 15	15	M22x1,5	250

Twin ferrule compression fitting Mod. KL

Instead of the dimensions of cutting ring unions we can fabricate the dimensions of twin ferrule unions. They can be delivered with the original parts (nut, two clamp rings) of different manufactures



Heavy Series Millimeters

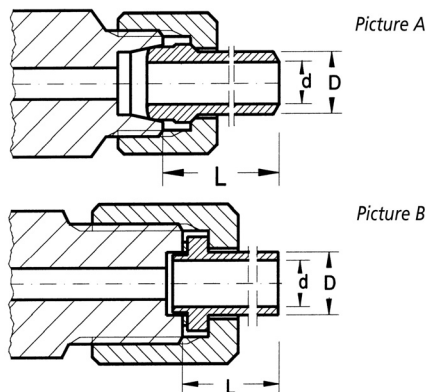
Code	KL=O.D.	PN
KL 6	6	400
KL 8	8	400
KL 10	10	400
KL 12	12	400
KL 14	14	400
KL 15	15	400

Heavy Series Inch

Code	KL=O.D.	PN
KL 1/8	1/8"	400
KL 3/16	3/16"	400
KL 1/4	1/4"	400
KL 5/16	5/16"	400
KL 3/8	3/8"	400
KL 1/2	1/2"	400

Welding Nipple Mod. SK /SN

Welding nipple with crowned end, suitable for cutting ring connection according to ISO 8434-1 (DIN 2353) spec. or welding nipple according to DIN 19207 spec. or welding nipple according to DIN 16284 spec.



Picture A: Welding nipple (PN400), metal-to-metal seal			
Code	D	d	L
SK 8	8	4	36
SK 10	10	6	36
SK 12	12	8	36
SK 14	14	8	36

Picture B: Welding nipple according to DIN 19207 spec. with necessary seal according to DIN 19207 spec., mat. 1.4571			
Code	D	d	L
SN 12	12	8,7	36
SN 14	14	9	36

Thread G1/2" according to DIN 19207 spec., form R.

Come ordinare – How to order					
Model	Special Code	Form	Material	Inlet	Outlet
GV	●	●	●	●	●
●	E = Venting G = bar (instead of handwheel)	H = handwheel of steel sheet	K = Lock Nut	PT = TA-Luft	
●	1 = Pictures 1 2 = Pictures 2	3 = Pictures 3			
●	S = 316Ti C = Carb. Steel	B = Brass			
●	GM 18 = 1/8" GM 14 = 1/4" GM 38 = 3/8" GM 12 = 1/2" MM 12 = M20x1,5				
	SP 14 = 1/4" SP 12 = 1/4" SP 20 = M20x1,5				
	LG 18 = 1/8" LG 14 = 1/4" LG 38 = 3/8" LG 12 = 1/2" LM 20 = M20x1,5				
	SV 6 = M14x1,5 SV 8 = M16x1,5 SV 10 = M18x1,5 SV 12 = M20x1,5 SV 14 = M22x1,5				
	SV 6l = M12x1,5 SV 8l = M14x1,5 SV 10l = M16x1,5 SV 12l = M18x1,5 SV 15 = M22x1,5				
	KL 6 = 6 mm KL 8 = 8 mm KL10 = 10 mm KL12 = 12 mm KL14 = 14 mm KL15 = 15 mm				
	KL18 = 1/8 OD KL316 = 3/16 OD KL14 = 1/4 OD KL516 = 5/16 OD KL38 = 3/8 OD KL12 = 1/2 OD				
	SK 8 = D 8 SK 10 = D10 SK 12 = D 12 SK 14 = D 14				
	SN 12 = D 12 SN 14 = D 14				
●	GM 18 = 1/8" GM 14 = 1/4" GM 38 = 3/8" GM 12 = 1/2" MM 12 = M20x1,5				
	SP 14 = 1/4" SP 12 = 1/4" SP 20 = M20x1,5				
	LG 18 = 1/8" LG 14 = 1/4" LG 38 = 3/8" LG 12 = 1/2" LM 20 = M20x1,5				
	SV 6 = M14x1,5 SV 8 = M16x1,5 SV 10 = M18x1,5 SV 12 = M20x1,5 SV 14 = M22x1,5				
	SV 6l = M12x1,5 SV 8l = M14x1,5 SV 10l = M16x1,5 SV 12l = M18x1,5 SV 15 = M22x1,5				
	KL 6 = 6 mm KL 8 = 8 mm KL10 = 10 mm KL12 = 12 mm KL14 = 14 mm KL15 = 15 mm				
	KL18 = 1/8 OD KL316 = 3/16 OD KL14 = 1/4 OD KL516 = 5/16 OD KL38 = 3/8 OD KL12 = 1/2 OD				
	SK 8 = D 8 SK 10 = D10 SK 12 = D 12 SK 14 = D 14				
	SN 12 = D 12 SN 14 = D 14				
Esempio – Example : GV-E-1-S-GM18-LM20					

Note : For the dimension of the Inlet and Outlet connctions see page 02 and 03