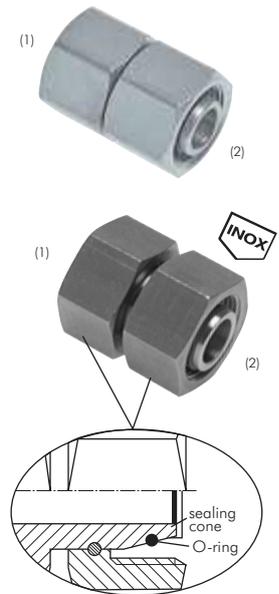


Straight connections with sealing cone and O-ring

Type zinc-plated steel	Type INOX AISI 316Ti	Tube Ø external (1)	Tube Ø external (2)
Light model series			
GV 6 L	GV 6 L ES	6 L	6 L
GV 8/6 L	GV 8/6 L ES	8 L	6 L
GV 8 L	GV 8 L ES	8 L	8 L
GV 10/8 L	GV 10/8 L ES	10 L	8 L
GV 10 L	GV 10 L ES	10 L	10 L
GV 12/10 L	GV 12/10 L ES	12 L	10 L
GV 12 L	GV 12 L ES	12 L	12 L
GV 15/12 L	GV 15/12 L ES	15 L	12 L
GV 15 L	GV 15 L ES	15 L	15 L
GV 18/15 L	GV 18/15 L ES	18 L	15 L
GV 18 L	GV 18 L ES	18 L	18 L
GV 22/18 L	GV 22/18 L ES	22 L	18 L
GV 22 L	GV 22 L ES	22 L	22 L
GV 28/22 L	GV 28/22 L ES	28 L	22 L
GV 28 L	GV 28 L ES	28 L	28 L
GV 35/28 L	GV 35/28 L ES	35 L	28 L
GV 35 L	GV 35 L ES	35 L	35 L
GV 42/35 L	GV 42/35 L ES	42 L	35 L
GV 42 L	GV 42 L ES	42 L	42 L
Heavy model series			
GV 6 S	GV 6 S ES	6 S	6 S
GV 8/6 S	GV 8/6 S ES	8 S	6 S
GV 8 S	GV 8 S ES	8 S	8 S
GV 10/8 S	GV 10/8 S ES	10 S	8 S
GV 10 S	GV 10 S ES	10 S	10 S
GV 12/10 S	GV 12/10 S ES	12 S	10 S
GV 12 S	GV 12 S ES	12 S	12 S
GV 14 S	GV 14 S ES	14 S	14 S
GV 16/12 S	---	16 S	12 S
GV 16 S	GV 16 S ES	16 S	16 S
GV 20/16 S	GV 20/16 S ES	20 S	16 S
GV 20 S	GV 20 S ES	20 S	20 S
GV 25/20 S	GV 25/20 S ES	25 S	20 S
GV 25 S	GV 25 S ES	25 S	25 S
GV 30/25 S	GV 30/25 S ES	30 S	25 S
GV 30 S	GV 30 S ES	30 S	30 S
GV 38/30 S	GV 38/30 S ES	38 S	30 S
GV 38 S	GV 38 S ES	38 S	38 S



Replacement O-rings made of FKM/NBR are found on page 95.



Thread table for pipe screw connectors (standard design)*

Tube Ø external	Union nut thread	Screw-in thread metric*	Screw-in thread imperial*	Screw-in thread NPT*	Operating pressure steel/ stainless steel PN***	Operating pressure NC stainless steel PN***
Very light model series						
4 LL	M 8 x 1	M 8 x 1 (con.)	R 1/8"	NPT 1/8"	100 bar	---
5 LL	M 10 x 1	M 8 x 1 (con.)	R 1/8"	NPT 1/8"	100 bar	---
6 LL	M 10 x 1	M 10 x 1 (con.)	R 1/8"	NPT 1/8"	100 bar	---
8 LL	M 12 x 1	M 10 x 1 (con.)	R 1/8"	NPT 1/8"	100 bar	---
10 LL	M 14 x 1	M 14 x 1.5 (con.)	R 1/4"	---	100 bar	---
12 LL	M 16 x 1	M 14 x 1.5 (con.)	R 1/4"	---	100 bar	---
Light model series						
6 L	M 12 x 1.5	M 10 x 1	G 1/8"	NPT 1/8"	315 bar	315 bar
8 L	M 14 x 1.5	M 12 x 1.5	G 1/4"	NPT 1/4"	315 bar	315 bar
10 L	M 16 x 1.5	M 14 x 1.5	G 1/4"	NPT 1/4"	315 bar	315 bar
12 L	M 18 x 1.5	M 16 x 1.5	G 3/8"	NPT 3/8"	315 bar	315 bar
15 L	M 22 x 1.5	M 18 x 1.5	G 1/2"	NPT 1/2"	315 bar	315 bar
18 L	M 26 x 1.5	M 22 x 1.5	G 1/2"	NPT 1/2"	315 bar	315 bar
22 L	M 30 x 2	M 26 x 1.5	G 3/4"	NPT 3/4"	160 bar	160 bar
28 L	M 36 x 2	M 33 x 2	G 1"	NPT 1"	160 bar	---
35 L	M 45 x 2	M 42 x 2	G 1 1/4"	NPT 1 1/4"	160 bar	---
42 L	M 52 x 2	M 48 x 2	G 1 1/2"	NPT 1 1/2"	160 bar	---
Heavy model series						
6 S	M 14 x 1.5	M 12 x 1.5	G 1/4"	NPT 1/4"	630 bar**	500 bar
8 S	M 16 x 1.5	M 14 x 1.5	G 1/4"	NPT 1/4"	630 bar**	500 bar
10 S	M 18 x 1.5	M 16 x 1.5	G 3/8"	NPT 3/8"	630 bar**	450 bar
12 S	M 20 x 1.5	M 18 x 1.5	G 3/8"	NPT 3/8"	630 bar**	400 bar
14 S	M 22 x 1.5	M 20 x 1.5	G 1/2"	NPT 1/2"	630 bar**	400 bar
16 S	M 24 x 1.5	M 22 x 1.5	G 1/2"	NPT 1/2"	400 bar	400 bar
20 S	M 30 x 2	M 27 x 2	G 3/4"	NPT 3/4"	400 bar	250 bar
25 S	M 36 x 2	M 33 x 2	G 1"	NPT 1"	400 bar	250 bar
30 S	M 42 x 2	M 42 x 2	G 1 1/4"	NPT 1 1/4"	400 bar	---
38 S	M 52 x 2	M 48 x 2	G 1 1/2"	NPT 1 1/2"	315 bar	---





Rexroth Hydraulic
Bosch Group
pressure limiting valves
from page 455



Pressure gauges
from page 366



Manual tools can be found in the Online Shop



Electrical pipe bending devices on page 545

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.