

Reducing sleeves with **imperial** and **metric** threads

PN 16

Type	Thread	Thread	Length	SW
brass	G 1	G 2		
MU 12-M14 MS	G 1/2"	M 14 x 1.5	24	27
MU 12-M16 MS	G 1/2"	M 16 x 1.5	24	27
MU 34-M14 MS	G 3/4"	M 14 x 1.5	28	32
MU 34-M16 MS	G 3/4"	M 16 x 1.5	28	32

Sleeves to weld on (DIN 2986)

PN 40

Type full lenght	L	Type full lenght	L	Type half lenght	L	D	Thread
ST 37-2		AISI 316Ti		AISI 316Ti			
MUR 18 AS ST	17.0	MUR 18 AS ES	17.0	MURH 18 AS ES	7.5	14.0	Rp 1/8"
MUR 14 AS ST*	25.0	MUR 14 AS ES	25.0	MURH 14 AS ES	11.0	17.2	Rp 1/4"
MUR 38 AS ST	26.0	MUR 38 AS ES	26.0	MURH 38 AS ES	12.0	21.3	Rp 3/8"
MUR 12 AS ST	34.0	MUR 12 AS ES	34.0	MURH 12 AS ES	15.0	26.4	Rp 1/2"
MUR 34 AS ST	36.0	MUR 34 AS ES	36.0	MURH 34 AS ES	17.0	31.8	Rp 3/4"
MUR 10 AS ST	43.0	MUR 10 AS ES	43.0	MURH 10 AS ES	20.0	39.5	Rp 1"
MUR 114 AS ST	48.0	MUR 114 AS ES	48.0	MURH 114 AS ES	22.0	48.3	Rp 1 1/4"
MUR 112 AS ST	48.0	MUR 112 AS ES	48.0	MURH 112 AS ES	22.0	54.5	Rp 1 1/2"
MUR 20 AS ST	56.0	MUR 20 AS ES	56.0	MURH 20 AS ES	26.0	66.3	Rp 2"
MUR 212 AS ST	65.0	MUR 212 AS ES	65.0	MURH 212 AS ES	31.0	82.0	Rp 2 1/2"
MUR 30 AS ST	71.0	MUR 30 AS ES	71.0	MURH 30 AS ES	34.0	95.0	Rp 3"

* D=18.5 mm

Sleeves/reducing sleeves

up to 350 bar

Type zinc-plated steel	Type	Thread	Thread	PN*
	AISI 316Ti	G 1	G 2	
MU 18 HD	MU 18 HD ES	G 1/8"	G 1/8"	350 bar
MU 14 HD	MU 14 HD ES	G 1/4"	G 1/4"	350 bar
MU 3814 HD	MU 3814 HD ES	G 3/8"	G 1/4"	250 bar
MU 38 HD	MU 38 HD ES	G 3/8"	G 3/8"	250 bar
MU 12 HD	MU 12 HD ES	G 1/2"	G 1/2"	225 bar
MU 3412 HD	MU 3412 HD ES	G 3/4"	G 1/2"	200 bar
MU 34 HD	MU 34 HD ES	G 3/4"	G 3/4"	200 bar
MU 10 HD	MU 10 HD ES	G 1"	G 1"	160 bar
MU 114 HD	MU 114 HD ES	G 1 1/4"	G 1 1/4"	160 bar
MU 112 HD	MU 112 HD ES	G 1 1/2"	G 1 1/2"	160 bar

* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases

Straight screw connections with **inch threads** (60° conical hose nipples) **up to 575 bar**

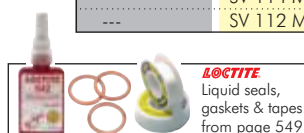
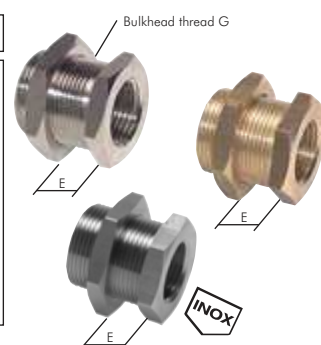
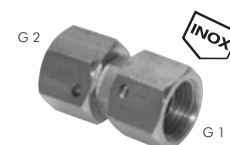
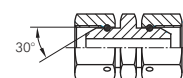
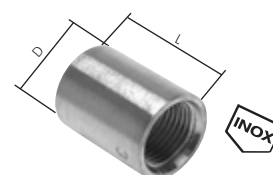
Type zinc-plated steel	Type	Union nut with 60° external cone	Union nut with 60° external cone	PN*
	AISI 316Ti			
GV 18	GV 18 ES	G 1/8"	G 1/8"	575 bar
GV 14	GV 14 ES	G 1/4"	G 1/4"	575 bar
GV 3814	---	G 3/8"	G 1/4"	425 bar
GV 38	GV 38 ES	G 3/8"	G 3/8"	425 bar
GV 1238	---	G 1/2"	G 3/8"	300 bar
GV 12	GV 12 ES	G 1/2"	G 1/2"	300 bar
GV 3412	---	G 3/4"	G 1/2"	175 bar
GV 34	GV 34 ES	G 3/4"	G 3/4"	175 bar
GV 1012	---	G 1"	G 1/2"	150 bar
GV 1034	---	G 1"	G 3/4"	150 bar
GV 10	GV 10 ES	G 1"	G 1"	150 bar
GV 114	GV 114 ES	G 1 1/4"	G 1 1/4"	150 bar
GV 112	GV 112 ES	G 1 1/2"	G 1 1/2"	125 bar
GV 20	GV 20 ES	G 2"	G 2"	75 bar

* the safety factor reached in tests with hydraulic oil was four-times, please ask in individual cases

Bulkhead screw connections

up to 40 bar

Type 16 bar brass nickel-pl.	Type 16 bar brass	Type 40 bar	Thread female	Bulkhead thread G	E max.	Installation bore hole Ø
		AISI 316Ti				
SV 50 MSV	SV 50 MS	---	M5	G 1/8"	8.0	10.0
SV 18 MSV	SV 18 MS	SV 18 ES	G 1/8"	G 1/4"	10.0	14.0
SV 14 MSV	SV 14 MS	SV 14 ES	G 1/4"	G 3/8"	14.0	17.0
SV 38 MSV	SV 38 MS	SV 38 ES	G 3/8"	G 1/2"	16.0	21.5
SV 12 MSV	SV 12 MS	SV 12 ES	G 1/2"	M28 x 1.5	20.0	28.5
SV 34 MSV	SV 34 MS	SV 34 ES	G 3/4"	M34 x 2	24.0	34.5
---	SV 10 MS	SV 10 ES	G 1"	M42 x 2	26.0	42.5
---	SV 114 MS	SV 114 ES	G 1 1/4"	M49 x 2	29.5	49.5
---	SV 112 MS	SV 112 ES	G 1 1/2"	M54 x 2	29.0	54.5



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.