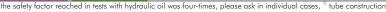


Angle fittings

Angles 90° with female threads		up to 350 bar	
Type zinc-plated	Type V4A		
steel	(stainless steel)	Thread	PN
W 18 HD	W 18 HD ES	G 1/8"	350 bar
W 14 HD	W 14 HD ES	G 1/4"	350 bar
W 38 HD	W 38 HD ES	G 3/8"	250 bar
W 12 HD	W 12 HD ES	G 1/2"	225 bar
W 34 HD	W 34 HD ES	G 3/4"	200 bar
W 10 HD	W 10 HD ES	G 1"	160 bar
W 114 HD	W 114 HD ES	G 1 1/4"	160 bar
W 112 HD	W 112 HD ES	G 1 1/2"	160 bar
W 20 HD		G 2"	100 bar



Elbow screw connections with inch threads (60° conical hose nipples) up to 575 bar			up to 575 bar
Type zinc-plated	Type V4A		
steel	(stainless steel)	Thread	PN*
WV 18	WV 18 ES	G 1/8"	575 bar
WV 14 ¹⁾	WV 14 ES	G 1/4"	575 bar
WV 38 ¹⁾	WV 38 ES	G ³ /8"	425 bar
WV 121)	WV 12 ES	G 1/2"	300 bar
WV 34 ¹⁾	WV 34 ES	G 3/4"	175 bar
WV 10 ¹⁾	WV 10 ES	G 1"	150 bar
WV 114	WV 114 ES	G 1 1/4"	150 bar
WV 112	WV 112 ES	G 1 1/2"	125 bar
WV 20	WV 20 ES	G 2"	75 bar
* the safety factor reac	hed in tests with hydrau	lic oil was four-times, please ask in individual cases, 11 tube construction	on





Angles 45° with female threads			up to 25 bar	
Type 16 bar	Type 10 bar	Type 16 bar	Type 25 bar mall.	
brass	AISI 316	AISI 316	cast iron galv.	Thread
	W 1845 ES E	W 1845 ES		Rp 1/8"
	W 1445 ES E	W 1445 ES		Rp 1/4"
W 3845 MS	W 3845 ES E	W 3845 ES	W 3845 ST	Rp 3/8"
W 1245 MS	W 1245 ES E	W 1245 ES	W 1245 ST	Rp 1/2"
W 3445 MS	W 3445 ES E	W 3445 ES	W 3445 ST	Rp 3/4"
W 1045 MS	W 1045 ES E	W 1045 ES	W 1045 ST	Rp 1"
	W 11445 ES E	W 11445 ES	W 11445 ST	Rp 1 1/4"
	W 11245 ES E	W 11245 ES	W 11245 ST	Rp 1 1/2"
	W 2045 ES E	W 2045 ES	W 2045 ST	Rp 2"
		W 21245 ES	W 21245 ST	Rp 2 1/2"
		W 3045 ES	W 3045 ST	Rp 3"
		W 4045 ES		Rp 4"



Elbows 45° with female threads

Type malleable	
cast iron galv.	Thread
BO 3845 i ST	Rp 3/8"
BO 1245 i ST	Rp 1/2"
BO 3445 i ST	Rp 3/4"
BO 1045 i ST	Rp 1"
BO 11445 i ST	Rp 1 1/4"

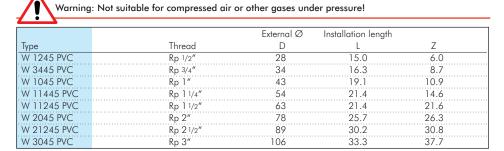
Type malleable	
cast iron galv.	Thread
BO 11245 i ST	Rp 11/2"
BO 2045 i ST	Rp 2"
BO 21245 i ST	Rp 21/2"
BO 3045 i ST	Rp 3"

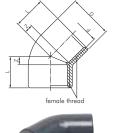
PN 25



Threaded angles 45° PVC-U (for plastic threads only)	PN 10
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Note: • Do not use PVC-U damaging thread sealing agents!







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.