

# AFS ST (3000 PSI)

SAE welded on flange - imperial

## Properties

<b>Pressure series</b>	3000 psi
<b>Standard</b>	SAE J 518 C ISO 6162
<b>Construction</b>	straight
<b>Design</b>	SAE welded on flange - imperial
<b>Mounting</b>	Screw bore hole
<b>Scope of supply</b>	flange only
<b>Material</b>	S355J2G3 (ST52.3)
<b>Surface</b>	black oiled



## Note

The stated maximum working pressure relates to the flange. The actual working pressure is determined by the pipe (wall thickness) and the quality of the pipe.

Recommended screws are listed in the columns M (metr) and M (unc).

## Item

Identification	PB 10.9 (bar)	Size	A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	L (mm)	M metr.	M unc
<b>AFS 80 ST</b>	350	1/2"	21,6	13	38,1	54	17,5	46	36	16	9,0	M 8 x 30	5/16" x 1.1/4"
<b>AFS 80 ST 038</b>	350	1/2"	17,5	13	38,1	54	17,5	46	36	16	9,0	M 8 x 30	5/16" x 1.1/4"
<b>AFS 100 ST</b>	350	3/4"	28,0	19	47,6	65	22,2	50	36	18	11,0	M 10 x 35	3/8" x 1.1/2"
<b>AFS 102 ST</b>	315	1"	34,0	25	52,4	70	26,2	55	38	18	11,0	M 10 x 35	3/8" x 1.1/2"
<b>AFS 104 ST</b>	250	1.1/4"	42,8	32	58,7	79	30,2	68	41	21	11,5	M 10 x 40	7/16" x 1.1/2"
<b>AFS 106 ST</b>	200	1.1/2"	48,6	38	69,9	93	35,7	78	44	25	13,5	M 12 x 45	1/2" x 1.3/4"
<b>AFS 108 ST</b>	200	2"	61,0	51	77,8	102	42,9	90	45	25	13,5	M 12 x 45	1/2" x 1.3/4"
<b>AFS 110 ST</b>	160	2.1/2"	77,0	63	88,9	114	50,8	105	50	25	13,5	M 12 x 45	1/2" x 1.3/4"
<b>AFS 112 ST</b>	138	3"	92,0	73	106,4	134	61,9	124	50	27	17,5	M 16 x 50	5/8" x 2"
<b>AFS 114 ST</b>	35	3.1/2"	103,0	89	120,7	152	69,9	136	48	27	17,5	M 16 x 50	5/8" x 2"
<b>AFS 116 ST</b>	35	4"	115,1	99	130,2	162	77,8	146	48	27	17,5	M 16 x 50	5/8" x 2"

PN = Nominal pressure PB = Max. operating pressure

## Product versions

**AFS ST M (3000 / 6000 PSI)** SAE welded on flange - imperial, with metric screw set and O-ring

**AFS ST U (3000 / 6000 PSI)** SAE welded on flange - imperial, with UNC screw set and O-ring