

# AFS ST U (3000 / 6000 PSI)

SAE welded on flange - imperial

**HANSA FLEX**

## Properties

<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>	with UNC screw set and O-ring
<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.

## Item

Identification	Pressure series	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 unc
<b>AFS 80 ST U</b>	3000 PSI	350	1/2"	21,6	13	38,1	54	17,5	46	36	16	9,0	5/16" x 1.1/4"
<b>AFS 80 ST 038 U</b>	3000 PSI	350	1/2"	17,5	13	38,1	54	17,5	46	36	16	9,0	5/16" x 1.1/4"
<b>AFS 100 ST U</b>	3000 PSI	350	3/4"	28,0	19	47,6	65	22,2	50	36	18	11,0	3/8" x 1.1/2"
<b>AFS 102 ST U</b>	3000 PSI	315	1"	34,0	25	52,4	70	26,2	55	38	18	11,0	3/8" x 1.1/2"
<b>AFS 104 ST U</b>	3000 PSI	250	1.1/4"	42,8	32	58,7	79	30,2	68	41	21	11,5	7/16" x 1.1/2"
<b>AFS 106 ST U</b>	3000 PSI	200	1.1/2"	48,6	38	69,9	93	35,7	78	44	25	13,5	1/2" x 1.3/4"
<b>AFS 108 ST U</b>	3000 PSI	200	2"	61,0	51	77,8	102	42,9	90	45	25	13,5	1/2" x 1.3/4"
<b>AFS 110 ST U</b>	3000 PSI	160	2.1/2"	77,0	63	88,9	114	50,8	105	50	25	13,5	1/2" x 1.3/4"
<b>AFS 112 ST U</b>	3000 PSI	138	3"	92,0	73	106,4	134	61,9	124	50	27	17,5	5/8" x 2"
<b>AFS 114 ST U</b>	3000 PSI	35	3.1/2"	103,0	89	120,7	152	69,9	136	48	27	17,5	5/8" x 2"
<b>AFS 116 ST U</b>	3000 PSI	35	4"	115,1	99	130,2	162	77,8	146	48	27	17,5	5/8" x 2"
<b>AFS 401 ST 012 U</b>	6000 PSI	400	1/2"	21,5	13	40,5	54	18,2	46	36	16	9,0	5/16" x 1.1/4"
<b>AFS 401 ST 038 U</b>	6000 PSI	400	1/2"	17,5	13	40,5	54	18,2	46	36	16	9,0	5/16" x 1.1/4"
<b>AFS 402 ST U</b>	6000 PSI	400	3/4"	28,0	19	50,8	71	23,8	55	35	21	11,0	3/8" x 1.1/2"
<b>AFS 403 ST U</b>	6000 PSI	400	1"	34,0	25	57,2	79	27,8	68	41	21	13,0	7/16" x 1.3/4"
<b>AFS 404 ST U</b>	6000 PSI	375	1.1/4"	42,8	32	66,7	93	31,8	78	44	25	15,0	1/2" x 1.3/4"
<b>AFS 405 ST U</b>	6000 PSI	250	1.1/2"	48,6	38	79,4	112	36,5	94	55	30	17,0	5/8" x 2"
<b>AFS 406 ST U</b>	6000 PSI	250	2"	61,0	51	96,8	134	44,5	114	65	37	21,0	3/4" x 2.1/2"

PN = Nominal pressure PB = Max. operating pressure

## Product versions

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