

# AFS N (6000 PSI)

## SAE screw-in flange, NPT

### Properties

<b>Pressure series</b>	6000 psi
<b>Standard</b>	SAE J 518 C ISO 6162
<b>Construction</b>	straight
<b>Design</b>	SAE screw-in flange
<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	Ø B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M metr.	M unc
<b>AFS 401 N</b>	400	1/2"	NPT 1/2"	13	40,5	54	18,2	46	36	16	19	9,0	M 8 x 30	5/16" x 1.1/4"
<b>AFS 401 N 3/8</b>	400	1/2"	NPT 3/8" -18	13	40,5	54	18,2	46	36	16	19	9,0	M 8 x 30	5/16" x 1.1/4"
<b>AFS 402 N</b>	400	3/4"	NPT 3/4" -14	19	50,8	71	23,8	55	35	21	22	11,0	M 10 x 35	3/8" x 1.1/2"
<b>AFS 402 N 1/2</b>	400	3/4"	NPT 1/2"	13	50,8	71	23,8	55	35	21	22	11,0	M 10 x 35	3/8" x 1.1/2"
<b>AFS 403 N</b>	400	1"	NPT 1"	25	57,2	81	27,8	65	42	25	24	13,0	M 12 x 45	7/16" x 1.3/4"
<b>AFS 403 N 3/4</b>	400	1"	NPT 3/4" -14	19	57,2	81	27,8	65	42	25	24	13,0	M 12 x 45	7/16" x 1.3/4"
<b>AFS 404 N</b>	400	1.1/4"	NPT 1.1/4"	32	66,7	95	31,8	78	45	27	25	*1	M 14 x 45	1/2" x 1.3/4"
<b>AFS 404 N 1</b>	400	1.1/4"	NPT 1"	25	66,7	95	31,8	78	45	27	25	*1	M 14 x 45	1/2" x 1.3/4"
<b>AFS 405 N</b>	400	1.1/2"	NPT 1.1/2"	38	79,4	112	36,5	94	50	30	28	17,0	M 16 x 50	5/8" x 2"
<b>AFS 405 N 1 1/4</b>	400	1.1/2"	NPT 1.1/4"	32	79,4	112	36,5	94	50	30	28	17,0	M 16 x 50	5/8" x 2"
<b>AFS 406 N</b>	400	2"	NPT 2" -11.5	51	96,8	134	44,5	114	65	37	30	21,0	M 20 x 65	3/4" x 2.1/2"
<b>AFS 406 N 1 1/2</b>	400	2"	NPT 1.1/2"	38	96,8	134	44,5	114	65	37	30	21,0	M 20 x 65	3/4" x 2.1/2"

PN = Nominal pressure PB = Max. operating pressure

\*1) = 15.0 for metric screws; 13.5 for UNC screws

### Product versions

<b>AFS N M (3000 / 6000 PSI)</b>	SAE screw-in flange, NPT, with metric screw set and O-ring
<b>AFS N U (3000 / 6000 PSI)</b>	SAE screw-in flange, NPT, with UNC screw set and O-ring