



SAE Size	A1 inch	A2 inch	A1 Ø mm	A2 mm
6	7/16	25/32	11	20
8	1/2	29/32	13	23
10	9/16	1 1/16	14	27
12	11/16	1 1/4	17	32
16	13/16	1 1/2	21	38
20	13/16	1 3/4	21	44
24	1 1/16	2	27	51
28	1 5/16	2 1/4	33	57
32	1 9/16	2 1/2	40	64
36	1 13/16	2 3/4	46	70
40	2 1/16	3	52	76
44	2 5/16	3 1/4	59	83
48	2 9/16	3 1/2	65	89
52	2 13/16	3 3/4	71	95
56	3 1/16	4	78	102
60	3 5/16	4 1/4	84	108
64	3 9/16	4 1/2	91	114
72	1 7/8	5	48	127
80	2 1/2	5 1/2	64	140
88	3 1/8	6	79	152
96	3 5/8	6 1/2	92	165
104	4 1/8	7	105	178

TORQUE VALUES		PARTS LIST	
Free Torque max.	Breaking Torque min.	Item	Qty
1Nm - 0.74 ft-lbf	7Nm - 5.16 ft-lbf	1	1
		2	1
		3	1
		4	1

Parts	Material ID AS1	Material ID AS2	Material ID AS3	Material ID AS4
Screw	Steel, Zn plated	Stainless Steel AISI 410	300 Series	Stainless Steel AISI 316
Housing	300 Series	300 Series	300 Series	Stainless Steel AISI 316
Clamp Band	300 Series	300 Series	300 Series	Stainless Steel AISI 316

**Note(s):**

- Dimensions and tolerances according to SAE J1508 Type F, four piece design.
- SAE Sizes not listed: The size is determined by A2 in inch - 0.5 x 16, rounding to the nearest upper size in increment of 1.

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	SURFACE TREATMENT AND OR PROTECTION:		<h2 style="text-align: center;">Commercial Drawing</h2>
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	Filename: USEAL12 F-4 Series.dwg		Sheet: 1 / 2
	Third angle projection:	<h1 style="text-align: center;">USEAL12 F-4 Series</h1>	
Drawn by: M. Wiersma	Creation date: 02/01/2020		Description: MPC Industries, USEAL12 Series according to SAE J1508 Type F, 4 piece Design
Checked by:	Checked date:		
Scale 1 : 1	Units: mm		Revision: <b>A</b>
Status: WorkInProgress			Format: <b>A3</b>

Rev.	Date	Description	DESIGNER
A	24/03/2020	Changed product marking	M. Wiersma