



TORQUE VALUES	
Free Torque max.	Breaking Torque min.
1Nm - 0.74 ft-lbf	7Nm - 5.16 ft-lbf

PARTS LIST		
Item	Qty	Description
1	1	Clamp Band 1/2" (D)
2	1	USEAL12 Housing type F-3
3	1	Screw Hex Head 5/16" (H)

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	96
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

AVAILABLE MATERIALS				
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, three 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:		Commercial Drawing
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	Filename: USEAL12 F-3 Series.dwg		Sheet: 1 / 2
	Third angle projection:	Part number: USEAL12 F-3 Series	
Drawn by: M. Wiersma	Creation date: 02/01/2020	Description: MPC Industries, USEAL12 Series according to SAE J1508 Type F, 3 piece Design	
Checked by:	Checked date:	Format: A3	
Scale 1 : 1	Units: mm	Status: WorkInProgress	
MPC Clamps, Inc. - 3130 North Fry Road (Suite 500) - Katy, TX 77449 - United States - www.mpc-clamps.com			

Rev.	Date	Description	DESIGNER
B	26/03/2020	changed max mm size of SAE 52 from 95mm into 96mm	M. Wiersma
A	24/03/2020	Changed Product Marking	M. Wiersma
Revision history			