

SAE Flanges



Socket Weld Flanges-Companion (Counter)

Tech Sheet
1632

- Bolts, washers and O-Rings are not included and must be purchased separately
Please see page 211

3000 psi , Metric Mount

0300	Flange Size	Boss Weld Diameter	Bolt Type Metric	£
GFS0805M-038	1/2"	17.5	M8	19.55
GFS0805M-A20	1/2"	20.3	M8	21.95
GFS0805M	1/2"	21.6	M8	19.55
GFS1005M-A25	3/4"	25.3	M10	23.80
GFS1005M	3/4"	27.2	M10	21.80
GFS1025M-A30	1"	30.3	M10	27.90
GFS1025M	1"	34	M10	24.90
GFS1045M-A38	1.1/4"	38.3	M10	33.20
GFS1045M	1.1/4"	42.8	M10	29.70
GFS1065M	1.1/2"	48.6	M12	38.00
GFS1065M-A50	1.1/2"	50.5	M12	42.40
GFS1085	2"	61	M12	61.45
GFS1105M	2.1/2"	76.6	M12	56.90
GFS1125M	3"	90.5	M16	68.75
GFS1145M	3.1/2"	103	M16	103.10
GFS1165M	4"	115.5	M16	111.50

3000 psi, UNC Mount

0300	Flange Size	Boss Weld Diameter	Bolt Type UNC	£
GFS0805U-038	1/2"	17.5	5/16"	19.55
GFS0805U-A20	1/2"	20.3	5/16"	21.95
GFS0805U	1/2"	21.6	5/16"	19.55
GFS1005U-A25	3/4"	25.3	3/8"	23.80
GFS1005U	3/4"	27.2	3/8"	21.80
GFS1025U-A30	1"	30.3	3/8"	27.90
GFS1025U	1"	34	3/8"	24.90
GFS1045U-A38	1.1/4"	38.3	7/16"	33.20
GFS1045U	1.1/4"	42.8	7/16"	29.70
GFS1065U	1.1/2"	48.6	1/2"	38.00
GFS1065U-A50	1.1/2"	50.5	1/2"	42.40
GFS1085U	2"	61	1/2"	46.70
GFS1105U	2.1/2"	76.6	1/2"	56.90
GFS1125U	3"	90.5	5/8"	68.75
GFS1145U	3.1/2"	103	5/8"	103.10
GFS1165U	4"	115.5	5/8"	111.50

6000 psi, Metric Mount

0300	Flange Size	Boss Weld Diameter	Bolt Type Metric	£
GFS4015M-038	1/2"	17.5	M8	23.75
GFS4015M-A20	1/2"	20.3	M8	24.70
GFS4015M-012	1/2"	21.6	M8	23.75
GFS4025M-A25	3/4"	25.3	M10	29.10
GFS4025M	3/4"	27.2	M10	28.05
GFS4035M-A30	1"	30.3	M12	34.40
GFS4035M	1"	34	M12	33.55
GFS4045M-A38	1.1/4"	38.3	M14	45.05
GFS4045M	1.1/4"	42.8	M14	43.15
GFS4055M	1.1/2"	48.6	M16	64.60
GFS4055M-A50	1.1/2"	50.5	M16	66.60
GFS4065M	1.1/2"	61	M20	97.05
GFS4075M	2.1/2"	76.6	M24	222.70

6000 psi, UNC Mount

0300	Flange Size	Boss Weld Diameter	Bolt Type UNC	£
GFS4015U-038	1/2"	17.5	5/16"	23.75
GFS4015U-A20	1/2"	20.3	5/16"	24.70
GFS4015U-012	1/2"	21.6	5/16"	23.75
GFS4025U-A25	3/4"	25.3	3/8"	29.10
GFS4025U	3/4"	27.2	3/8"	28.05
GFS4035U-A30	1"	30.3	7/16"	34.40
GFS4035U	1"	34	7/16"	33.55
GFS4045U-A38	1.1/4"	38.3	1/2"	45.05
GFS4045U	1.1/4"	42.8	1/2"	43.15
GFS4055U	1.1/2"	48.6	5/8"	64.60
GFS4055U-A50	1.1/2"	50.5	5/8"	66.60
GFS4065U	1.1/2"	61	3/4"	97.05

Socket Weld Flanges

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Please see page 211



3000 psi

0300	Flange Size	Boss Weld Diameter	Bolt Type Metric	Bolt Type UNC	£
AFS0805-038	1/2"	17.5	M8 x 30	5/16" x 1.1/4"	19.55
AFS0805-A20	1/2"	20.3	M8 x 30	5/16" x 1.1/4"	21.95
AFS0805	1/2"	21.6	M8 x 30	5/16" x 1.1/4"	18.55
AFS1005-A25	3/4"	25.3	M10 x 35	3/8" x 1.1/2"	23.80
AFS1005	3/4"	27.2	M10 x 35	3/8" x 1.1/2"	21.85
AFS1025-A30	1"	30.3	M10 x 35	3/8" x 1.1/2"	27.90
AFS1025	1"	34	M10 x 35	3/8" x 1.1/2"	24.70
AFS1045-A38	1.1/4"	38.3	M10 x 40	7/16" x 1.1/2"	33.20
AFS1065	1.1/2"	48.6	M12 x 45	1/2" x 1.3/4"	38.00
AFS1065-A50	1.1/2"	50.5	M12 x 45	1/2" x 1.3/4"	42.40
AFS1085	2"	61	M12 x 45	1/2" x 1.3/4"	48.35
AFS1105	2.1/2"	76.6	M12 x 45	1/2" x 1.3/4"	56.40
AFS1145	3.1/2"	103	M16 x 50	5/8" x 2"	103.10
AFS1165	4"	115.5	M16 x 50	5/8" x 2"	111.50

6000 psi

0300	Flange Size	Boss Weld Diameter	Bolt Type Metric	Bolt Type UNC	£
AFS4015-038	1/2"	17.5	M8 x 30	5/16" x 1.1/4"	23.80
AFS4015-A20	1/2"	20.3	M8 x 30	5/16" x 1.1/4"	24.70
AFS4015-012	1/2"	21.6	M8 x 30	5/16" x 1.1/4"	23.80
AFS4025-A25	3/4"	25.3	M10 x 35	3/8" x 1.1/2"	29.10
AFS4025	3/4"	27.2	M10 x 35	3/8" x 1.1/2"	28.05
AFS4035-A30	1"	30.3	M12 x 45	7/16" x 1.3/4"	34.40
AFS4035	1"	34	M12 x 45	7/16" x 1.3/4"	33.55
AFS4045-A38	1.1/4"	38.3	M14 x 45	1/2" x 1.3/4"	45.05
AFS4045	1.1/4"	42.8	M14 x 45	1/2" x 1.3/4"	43.25
AFS4055	1.1/2"	48.6	M16 x 50	5/8" x 2"	64.60
AFS4055-A50	1.1/2"	50.5	M16 x 50	5/8" x 2"	66.60
AFS4065	2"	61	M20 x 65	3/4" x 2.1/2"	96.85