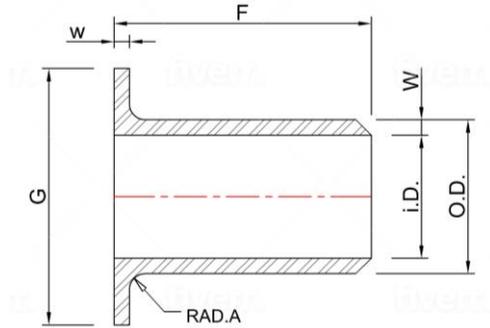


ASTM A403, B16.9
STUB ENDS TYPE A - LONG



TYPE A

STUB ENDS - LONG TYPE A

- Grade: 304L 316L _____
 Seam: Welded Seamless WPWX
 Source: Import Domestic BAA AIS _____

DIMENSIONS

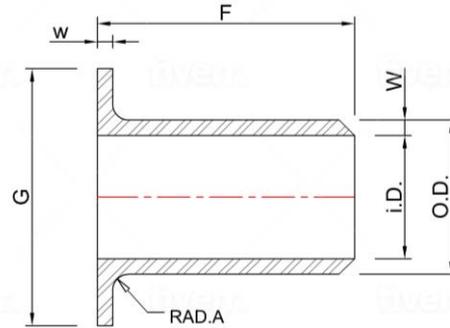
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	DIAMETER (G)	LENGTH (F)	RADIUS (A)	SCHEDULE 10S <input type="checkbox"/> <- SELECT			
						Inside Diameter (I.D.)	Wall Thickness (W)	Lap Thickness (w)	Approx Weight
<input type="checkbox"/>	½	0.840	1.375	3	1/8	0.674	0.083	0.083	0.16
<input type="checkbox"/>	¾	1.050	1.688	3	1/8	0.884	0.083	0.083	0.21
<input type="checkbox"/>	1	1.315	2.000	4	1/8	1.097	0.109	0.109	0.35
<input type="checkbox"/>	1 ¼	1.660	2.500	4	3/16	1.442	0.109	0.109	0.49
<input type="checkbox"/>	1 ½	1.900	2.875	4	1/4	1.682	0.109	0.109	0.56
<input type="checkbox"/>	2	2.375	3.625	6	5/16	2.157	0.109	0.109	0.94
<input type="checkbox"/>	2 ½	2.875	4.125	6	5/16	2.635	0.120	0.120	1.25
<input type="checkbox"/>	3	3.500	5.000	6	3/8	3.260	0.120	0.120	1.60
<input type="checkbox"/>	3 ½	4.000	5.500	6	3/8	3.760	0.120	0.120	1.90
<input type="checkbox"/>	4	4.500	6.188	6	7/16	4.260	0.120	0.120	2.40
<input type="checkbox"/>	5	5.563	7.313	8	7/16	5.295	0.134	0.134	3.25
<input type="checkbox"/>	6	6.625	8.500	8	1/2	6.357	0.134	0.134	4.75
<input type="checkbox"/>	8	8.625	10.625	8	1/2	8.329	0.148	0.148	7.10
<input type="checkbox"/>	10	10.750	12.750	10	1/2	10.420	0.165	0.165	11.30
<input type="checkbox"/>	12	12.750	15.000	10	1/2	12.390	0.180	0.180	18.00
<input type="checkbox"/>	14	14.000	16.250	12	1/2	13.624	0.188	0.188	24.00
<input type="checkbox"/>	16	16.000	18.500	12	1/2	15.624	0.188	0.188	28.00
<input type="checkbox"/>	18	18.000	21.000	12	1/2	17.624	0.188	0.188	38.00
<input type="checkbox"/>	20	20.000	23.000	12	1/2	19.564	0.218	0.218	48.00
<input type="checkbox"/>	24	24.000	27.250	12	1/2	23.500	0.250	0.250	60.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9
 (= Wall) & MSS SP-43

Project Name: _____
Job #: _____

ASTM A403, B16.9
STUB ENDS TYPE A - LONG



TYPE A

STUB ENDS - LONG TYPE A

Grade: 304L 316L _____
Seam: Welded Seamless WPWX
Source: Import Domestic BAA AIS _____

DIMENSIONS

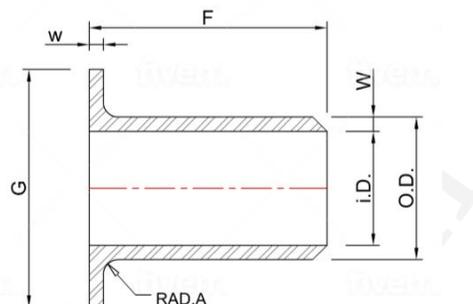
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	DIAMETER (G)	LENGTH (F)	RADIUS (A)	SCHEDULE 40S <input type="checkbox"/> < SELECT			
						Inside Diameter (I.D.)	Wall Thickness (W)	Lap Thickness (w)	Approx Weight
<input type="checkbox"/>	1/2	0.840	1.375	3	1/8	0.622	0.109	0.109	0.26
<input type="checkbox"/>	3/4	1.050	1.688	3	1/8	0.824	0.113	0.113	0.36
<input type="checkbox"/>	1	1.315	2.000	4	1/8	1.049	0.133	0.133	0.68
<input type="checkbox"/>	1 1/4	1.660	2.500	4	3/16	1.380	0.140	0.140	0.97
<input type="checkbox"/>	1 1/2	1.900	2.875	4	1/4	1.610	0.145	0.145	1.20
<input type="checkbox"/>	2	2.375	3.625	6	5/16	2.067	0.154	0.154	2.25
<input type="checkbox"/>	2 1/2	2.875	4.125	6	5/16	2.469	0.203	0.203	3.40
<input type="checkbox"/>	3	3.500	5.000	6	3/8	3.068	0.216	0.216	4.65
<input type="checkbox"/>	3 1/2	4.000	5.500	6	3/8	3.548	0.226	0.226	5.89
<input type="checkbox"/>	4	4.500	6.188	6	7/16	4.026	0.237	0.237	6.83
<input type="checkbox"/>	5	5.563	7.313	8	7/16	5.047	0.258	0.258	11.88
<input type="checkbox"/>	6	6.625	8.500	8	1/2	6.065	0.280	0.280	15.18
<input type="checkbox"/>	8	8.625	10.625	8	1/2	7.981	0.322	0.322	23.81
<input type="checkbox"/>	10	10.750	12.750	10	1/2	10.020	0.365	0.365	39.50
<input type="checkbox"/>	12	12.750	15.000	10	1/2	12.000	0.375	0.375	48.50
<input type="checkbox"/>	14	14.000	16.250	12	1/2	13.250	0.375	0.375	63.00
<input type="checkbox"/>	16	16.000	18.500	12	1/2	15.250	0.375	0.375	73.50
<input type="checkbox"/>	18	18.000	21.000	12	1/2	17.250	0.375	0.375	99.00
<input type="checkbox"/>	20	20.000	23.000	12	1/2	19.250	0.375	0.375	108.00
<input type="checkbox"/>	24	24.000	27.250	12	1/2	23.250	0.375	0.375	139.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9
(≠ Wall) & MSS SP-43

Project Name: _____
 Job #: _____

ASTM A403, B16.9
STUB ENDS TYPE A - LONG



TYPE A

STUB ENDS - LONG TYPE A

Grade: 304L 316L _____
 Seam: Welded Seamless WPWX
 Source: Import Domestic BAA AIS _____

DIMENSIONS

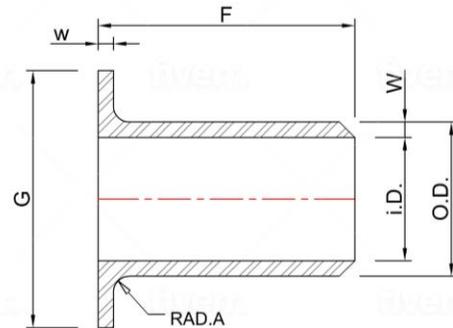
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	DIAMETER (G)	LENGTH (F)	RADIUS (A)	SCHEDULE 80S <input type="checkbox"/> <- SELECT			Approx Weight
						Inside Diameter (I.D.)	Wall Thickness (W)	Lap Thickness (w)	
<input type="checkbox"/>	½	0.840	1.375	3	1/8	0.546	0.147	0.147	0.34
<input type="checkbox"/>	¾	1.050	1.688	3	1/8	0.742	0.154	0.154	0.47
<input type="checkbox"/>	1	1.315	2.000	4	1/8	0.957	0.179	0.179	0.88
<input type="checkbox"/>	1 ¼	1.660	2.500	4	3/16	1.278	0.191	0.191	1.26
<input type="checkbox"/>	1 ½	1.900	2.875	4	1/4	1.500	0.200	0.200	1.49
<input type="checkbox"/>	2	2.375	3.625	6	5/16	1.939	0.218	0.218	3.05
<input type="checkbox"/>	2 ½	2.875	4.125	6	5/16	2.323	0.276	0.276	4.40
<input type="checkbox"/>	3	3.500	5.000	6	3/8	2.900	0.300	0.300	6.50
<input type="checkbox"/>	3 ½	4.000	5.500	6	3/8	3.364	0.318	0.318	7.75
<input type="checkbox"/>	4	4.500	6.188	6	7/16	3.826	0.337	0.337	9.65
<input type="checkbox"/>	5	5.563	7.313	8	7/16	4.813	0.375	0.375	16.33
<input type="checkbox"/>	6	6.625	8.500	8	1/2	5.761	0.432	0.432	22.63
<input type="checkbox"/>	8	8.625	10.625	8	1/2	7.625	0.500	0.500	34.12
<input type="checkbox"/>	10	10.750	12.750	10	1/2	9.750	0.500	0.500	54.00
<input type="checkbox"/>	12	12.750	15.000	10	1/2	11.750	0.500	0.500	64.50
<input type="checkbox"/>	14	14.000	16.250	12	1/2	13.000	0.500	0.500	84.00
<input type="checkbox"/>	16	16.000	18.500	12	1/2	15.000	0.500	0.500	98.00
<input type="checkbox"/>	18	18.000	21.000	12	1/2	17.000	0.500	0.500	136.00
<input type="checkbox"/>	20	20.000	23.000	12	1/2	19.000	0.500	0.500	157.00
<input type="checkbox"/>	24	24.000	27.250	12	1/2	23.000	0.500	0.500	178.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9
 (= Wall) & MSS SP-43

Project Name: _____
Job #: _____

ASTM A403, B16.9
STUB ENDS TYPE A - LONG



TYPE A

STUB ENDS - LONG TYPE A

Grade: 304L 316L _____
Seam: Welded Seamless WPWX
Source: Import Domestic BAA AIS _____

DIMENSIONS

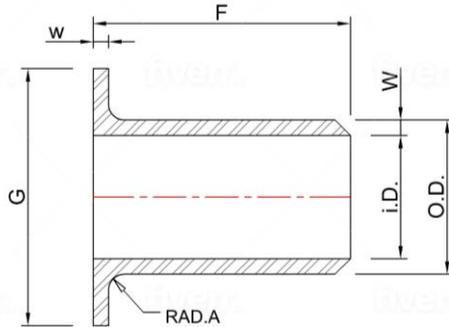
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	DIAMETER (G)	LENGTH (F)		RADIUS (A)	SCHEDULE 160S <input type="checkbox"/> <- SELECT			
				Short	Long		Inside Diameter (I.D.)	Wall Thickness (W)	Lap Thickness (w)	Approx Weight
<input type="checkbox"/>	½	0.840	1.375	2	3	1/8	0.464	0.188	0.188	0.43
<input type="checkbox"/>	¾	1.050	1.688	2	3	1/8	0.612	0.219	0.218	0.66
<input type="checkbox"/>	1	1.315	2.000	2	4	1/8	0.815	0.250	0.250	1.22
<input type="checkbox"/>	1 ¼	1.660	2.500	2	4	3/16	1.160	0.250	0.250	1.4
<input type="checkbox"/>	1 ½	1.900	2.875	2	4	1/4	1.338	0.281	0.281	2.08
<input type="checkbox"/>	2	2.375	3.625	2 ½	6	5/16	1.689	0.343	0.343	4.79
<input type="checkbox"/>	2 ½	2.875	4.125	2 ½	6	5/16	2.125	0.375	0.375	5.94
<input type="checkbox"/>	3	3.500	5.000	2 ½	6	3/8	2.624	0.438	0.438	7.10
<input type="checkbox"/>	3 ½	4.000	5.500	3	6	3/8	-----	-----	-----	-----
<input type="checkbox"/>	4	4.500	6.188	3	6	7/16	3.438	0.531	0.531	15.15
<input type="checkbox"/>	5	5.563	7.313	3	8	7/16	4.313	0.625	0.625	27.10
<input type="checkbox"/>	6	6.625	8.500	3 ½	8	1/2	5.187	0.719	0.719	37.56
<input type="checkbox"/>	8	8.625	10.625	4	8	1/2	6.813	0.906	0.906	61.75
<input type="checkbox"/>	10	10.750	12.750	5	10	1/2	8.500	1.125	1.125	121.50
<input type="checkbox"/>	12	12.750	15.000	6	10	1/2	10.126	1.312	1.312	169.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9
(≠ Wall) & MSS SP-43

Project Name: _____
Job #: _____

ASTM A403, B16.9
STUB ENDS TYPE A - LONG



TYPE A

STUB ENDS - LONG TYPE A

Grade: 304L 316L _____
 Seam: Welded Seamless WPWX
 Source: Import Domestic BAA AIS _____

DIMENSIONS

UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	DIAMETER (G)	LENGTH (F)		RADIUS (A)	XX STRONG WALL <input type="checkbox"/> <- SELECT			
				Short	Long		Inside Diameter (I.D.)	Wall Thickness (W)	Lap Thickness (w)	Approx Weight
<input type="checkbox"/>	½	0.840	1.375	2	3	1/8	0.252	0.294	0.294	0.68
<input type="checkbox"/>	¾	1.050	1.688	2	3	1/8	0.434	0.308	0.308	0.94
<input type="checkbox"/>	1	1.315	2.000	2	4	1/8	0.599	0.358	0.358	1.76
<input type="checkbox"/>	1 ¼	1.660	2.500	2	4	3/16	0.896	0.382	0.382	2.52
<input type="checkbox"/>	1 ½	1.900	2.875	2	4	1/4	1.100	0.400	0.400	2.98
<input type="checkbox"/>	2	2.375	3.625	2 ½	6	5/16	1.503	0.436	0.436	6.10
<input type="checkbox"/>	2 ½	2.875	4.125	2 ½	6	5/16	1.771	0.552	0.552	8.80
<input type="checkbox"/>	3	3.500	5.000	2 ½	6	3/8	2.300	0.600	0.600	9.80
<input type="checkbox"/>	3 ½	4.000	5.500	3	6	3/8	2.728	0.636	0.636	15.50
<input type="checkbox"/>	4	4.500	6.188	3	6	7/16	3.152	0.674	0.674	19.30
<input type="checkbox"/>	5	5.563	7.313	3	8	7/16	4.063	0.750	0.750	32.66
<input type="checkbox"/>	6	6.625	8.500	3 ½	8	1/2	4.897	0.864	0.864	45.26
<input type="checkbox"/>	8	8.625	10.625	4	8	1/2	6.875	0.875	0.875	59.71
<input type="checkbox"/>	10	10.750	12.750	5	10	1/2	-----	-----	-----	-----
<input type="checkbox"/>	12	12.750	15.000	6	10	1/2	-----	-----	-----	-----

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (= Wall) & MSS SP-43