


Nominal Pipe Size	A	B	a	b	c	Nut OD	Weight Each 253/213	Recommended Bulkhead Cut Size
				OD Tubing	Nom Tubing			
1/4	.840	.622	.590	.260	-	1.350	.20/.30	7/8
3/8	1.050	.742	.725	.385	-	1.550	.21/.31	1-1/8
1/2	1.250	.874	.860	.510	.635	1.740	.30/.40	1-5/16
3/4	1.500	1.124	1.063	.760	.885	1.880	.50/.60	1-9/16
1	1.750	1.414	1.315	1.010	1.135	2.250	.55/.70	1-7/8
1-1/4	2.125	1.749	1.660	1.260	1.385	2.700	.60/.80	2-1/4
1-1/2	2.375	1.999	1.900	1.510	1.635	2.950	.70/.90	2-1/2
2	2.875	2.469	2.375	2.010	2.135	3.600	1.0/1.3	3
2-1/2	3.500	3.068	2.875	2.510	2.635	4.550	2.8/4.0	3-5/8
3	4.125	3.625	3.500	3.010	3.135	5.390	3.3/6.0	4-1/4
3-1/2	5.125	4.625	4.000	3.510	3.635	6.400	6.0/9.0	5-1/4
4	5.125	4.625	4.500	4.010	4.135	6.400	5.0/8.0	5-1/4
5	6.250	5.625	5.563	5.010	5.135	7.350	6.0/9.0	6-3/8
6	7.500	6.750	6.625	6.010	6.135	8.800	7.5/10.5	7-5/8
8*	9.500	8.750	8.625	8.010	8.135	10.750	9/13	9-5/8
10*	11.750	10.875	10.750	10.010	10.135	13.000	12/16	11-7/8

Notes:

- 1.) Coupling Sleeve Material: 5086 Aluminum
- 2.) Coupling Nut Material: 356 Cast Aluminum
- 3.) Gasket & 2114 Material: 50-60 Shore Neoprene "Viton" Available upon request
- 4.) All Dimensions In Inches
- 5.) * Denotes Special Order Items
Material OD May Vary Due To Availability
- 6.) Shown: Type 253 (TOE) Style
Add 1" Finish OAL On Type 213 (TBE) Style
7" OAL Reference For Type 213

 Machine Company 750 E. Debra Lane • Anaheim, CA 92805 Phone # (714) 999-0203 Fax # (714) 999-0205			
Type 253/213 w/2114 Assembly			
Drawn	Date	SCALE	REV
M.Booth	04-11-09	Not To Scale	A