

# Round Aluminum Tube

6063-T5 x 24' (Unless noted otherwise)



<u>Stock Code</u>	<u>Size in Inches (Size x Wall)</u>	<u>Aprox. Wt/Lin ft.</u>
17-63-100	.75 x .065 (.620 ID)	0.172
52-63-537	.875 x .049 (serrated) x 20'	0.142
17-63-110	.875 x .062 (.751 ID) - Furniture Grade	0.190
51-63-381	1 x .049 (serrated) x 20'	0.168
17-63-105	1 x .062 (.880 ID) x 20' - Furniture Grade	0.229
17-63-115	1 x .062 (.880 ID) (6063 T52)	0.229
17-63-115FG	1 x .062 (.880 ID) (6060 T6) - Furniture Grade	0.229
Mill Order (17-WT-115)	1 x .063 (.880 ID) (24') - Welded Tube	0.229
17-63-120	1 x .125 (.750 ID)	0.404
52-00-004 (FL)	1.125 x .042 (1.041ID) (6063-T832)	0.166
17-63-132	1.250 x .062 (1.126 ID)	0.278
52-63-1272	1.250 x .062 (1.126 ID) (6060 T6) - Furniture Grade	0.278
17-63-130	1.250 x .090 (1.070 ID)	0.385
17-63-134 (FL)	1.250 x .125 x 16' (1.000 ID) (6063 T52)	0.530
17-63-133 (FL)	1.250 x .125 x 20' (1.000 ID) (6063 T52)	0.530
17-63-116	1.500 x .065 (1.370 ID)	0.351
17-63-117 (FL)	1.500 x .090 (1.320 ID)	0.503
17-61-195 (FL)	1.500 x .093 (6061)	0.484
17-63-135	1.500 x .125 (1.250 ID)	0.635
17-61-200	1.500 x .125 (1.250 ID) (6061)	0.635
17-T4-135	1.500 x .125 (6063 T4)	0.624
17-63-137 (FL)	1.500 x .125 x 16' (1.250 ID) (6063 T52)	0.635
17-63-136 (FL)	1.500 x .125 x 20' (1.250 ID) (6063 T52)	0.635
52-63-9775	Insert x 12' - for 1.500 x .125 Tube (6063-T6)	0.347
17-61-205	1.750 x .125 (1.500 ID) (6061)	0.750
17-63-140	2 x .050 (1.900 ID)	0.360
17-63-142 (FL)	2 x .065 (1.870 ID)	0.474
17-63-141	2 x .125 (1.750 ID)	0.866
17-61-210	2 x .125 (1.750 ID) (6061)	0.866
17-DOT-100	2 x .125 x 12'	0.866
17-63-144 (FL)	2 x .125 x 16' (1.750 ID) (6063 T52)	0.866
17-63-143 (FL)	2 x .125 x 20' (1.750 ID) (6063 T52)	0.866
17-61-213 (FL)	2 x .250 (1.500 ID) (6061)	1.650
Mill Order	2.125 x .125 (6463-T67) (52-63-7798 FL)	0.942
Mill Order	2.150 x .125 (6463-T67) (52-63-8437 FL)	0.953
17-63-212 (FL)	2.250 x .120 (2.000 ID) (6063 T52)	0.964
17-61-215	2.500 x .125 (2.250 ID) (6061)	1.097
17-DOT-105	2.500 x .125 x 12' 6"	1.097
17-DOT-104	2.500 x .125 x 13' 6"	1.097
17-DOT-106	2.500 x .125 x 15'	1.097
17-63-149 (FL)	3 x .074 (2.852 ID) - serrated tube	0.752
17-63-150	3 x .083 (2.834 ID)	0.895
17-63-151 (FL)	3 x .120 (2.760 ID) - serrated tube	1.201
17-63-155	3 x .125 (2.750 ID)	1.355
17-61-220	3 x .125 (2.750 ID) (6061)	1.355
17-DOT-110	3 x .125 x 13' 6"	1.328
17-DOT-111	3 x .125 x 15'	1.328
17-DOT-113	3 x .125 x 17'	1.328
17-DOT-112	3 x .125 x 20'	1.328
52-61-3149 (FL)	3 x .293 x 20' (2.415 ID) (6061)	2.986
25-61-300 (FL)	3 x .540 x 20' (1.920 ID) (6061)	5.008
17-DOT-115	3.500 x .1875 x 15'	2.300
17-DOT-117	3.500 x .1875 x 17'	2.300
17-DOT-116	3.500 x .1875 x 20'	2.300

# Round Aluminum Tube (continued)

17-63-160	4 x .125 (3.750 ID)	1.826
17-DOT-120	4 x .1875x 17'	2.647
17-DOT-121	4 x .1875 x 20'	2.647
17-DOT-125	4 x .250 x 20'	3.463
17-DOT-130	4.500 x .250 x 20'	3.924
17-63-165	5 x .125 (4.750 ID)	2.251
17-DOT-132 (FL)	5 x 1/4 x 20' (6061 T6)	4.470
17-63-170	6 x .125 (5.750 ID) x 20'	2.713
52-61-3925	6 x .188 (5.624 ID) (6005 T5)	4.037
17-DOT-140	6 x .250 x 24'	5.419
17-63-175	8 x .125 (7.750 ID) (6063 T6)	3.710
Mill Order	8 x .156 (7.688 ID)	4.613

# Brite Dipped Drawn Tube

<u>Stock Code</u>	<u>Size in Inches (Size x Wall)</u>	<u>Pcs/Box</u>
25-BD-460	.750 x .058 x 20'	54
25-BD-463	.875 x .058 x 16'	38
25-BD-465	.875 x .058 x 20'	38
25-BD-467	.875 x .058 x 24'	38
25-BD-468	.875 x .095 x 20'	38
25-BD-469	.875 x .095 x 24'	38

Bright Dipped Drawn Tube

# 304/316 Superbuff Stainless Steel Tube x 24'

<u>Stock Code</u>	<u>Size in Inches</u>
25-304-100	.875 x 24' - 16 gauge (.062) x 24'2"
	304 alloy 30 lgths/box
25-316-100	.875 x 24' - 16 gauge (.062)
	316 alloy 30 lgths/box
25-304-105	1 x 24' - 16 gauge (.062)
	304 alloy 16 lgths/box
25-316-105	1 x 24' - 16 gauge (.062)
	316 alloy 16 lgths/box

# Bullnose Tube

2" Mill Order	3" x .083 x 24' 56-63-201 (FL)	4" x .093 x 24' 56-63-204 (FL)

# Fluted/Serrated Tube

3 x .074 x 24' 17-63-149 (FL) 	3 x .120 x 24' 17-63-151 (FL) 
3 x .120 x 24' 17-63-300 	4 x .120 x 24' 17-63-310 

# Standards 17



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**version:** 03/20/12

## D.O.T. Picket Rail - Certs available upon request prior to ordering

<u>Stock Code</u>	<u>Description</u>	<u>Approx. Wt/Lin ft.</u>
<b>Top and Bottom Rail:</b>		
18-61-240	2" SCH 40 Pipe x 20' - 2-3/8 x 2.067 x .154	1.264
18-61-241	2" SCH 40 Pipe x 24' - 2-3/8 x 2.067 x .154	1.264 (FL)
18-61-243	2" SCH 40 Pipe x 30' - 2-3/8 x 2.067 x .154	1.264 (FL)
<b>Top and Bottom Rail Splice:</b>		
18-61-235	1-1/2" SCH 40 Pipe x 20' - 1.900 x 1.610 x .145	0.940
<b>Post:</b>		
20-61-281	2 x 4 x .250 Rect Tube x 24'	3.300
<b>Picket:</b>		
18-61-220	3/4" SCH 40 Pipe x 20' - 1.050 x .824 x .113	0.391
18-61-222	3/4" SCH 40 Pipe x 24' - 1.050 x .824 x .113	0.391 (FL)
<b>Post Mount:</b>		
52-61-2658	5/8 x 6 Flat Bar x 12' (6061-T6511)	4.500 (FL)
<b>Bent End Return: 2" SCH 40 Pipe x 20'</b>		
18-63-240	2" SCH 40 Pipe x 20' (6063-T52)	
<b>2" SCH 40 Pipe Inner Sleeve x 20'</b>		
52-61-3454 (FL)	Inner Sleeve mates with 2" SCH 40 Pipe - (6061-T6)	
<b>Fabbed 2" SCH 40 Pipe x 20'</b>		
18-61-236 (FL)	with 3/4" SCH 40 Holes (50 holes per piece) - (6061-T6) Mates with Fabbed DOT Inner Sleeve (18-61-233)	
<b>Fabbed DOT Inner Sleeve x 16"</b>		
18-61-233 (FL)	1-1/2" SCH 40 Pipe - Mates with 18-61-236 - (6061-T6)	



DOT Inner Sleeve



Fabbed 2" SCH 40 Pipe



Fabbed DOT Inner Sleeve



## SCH 40 Aluminum Pipe - 6061-T6 x 20'

<u>Stock Code</u>	<u>Size in Inches</u>			<u>Approx. Wt/Lin ft.</u>
	<u>(Size)</u>	<u>OD x ID x Wall</u>		
18-61-215	1/2	.840 x .622 x .109		0.294
18-61-220	3/4	1.050 x .824 x .113		0.391
18-61-222	3/4	1.050 x .824 x .113 (24')		0.391 (FL)
18-61-225	1	1.315 x 1.049 x .133		0.581
18-61-230	1-1/4	1.660 x 1.380 x .140		0.786
18-61-235	1-1/2	1.900 x 1.610 x .145		0.940
18-61-240	2	2-3/8 x 2.067 x .154		1.264
18-61-241	2	2-3/8 x 2.067 x .154 (24')		1.264 (FL)
18-61-243	2	2-3/8 x 2.067 x .154 (30')		1.264 (FL)
18-61-245	2-1/2	2-7/8 x 2.469 x .203		2.004 (NC/DE)
18-61-246	2-1/2	2-7/8 x 2.469 x .203 (22')		2.004 (FL)
18-61-250	3	3-1/2 x 3.068 x .216		2.621
18-61-255	3-1/2	4 x 3.548 x .226		3.151
18-61-260	4	4-1/2 x 4.026 x .237		3.733
18-61-265	5	5.563 x 5.047 x .258		5.057
18-61-270	6	6-5/8 x 6.065 x .280		6.564
18-61-280	8	8-5/8 x 7.981 x .322		9.878 (FL)
18-61-290	10	10-3/4 x 10.020 x .365		14.288 (FL)
18-61-295	12	12-3/4 x 11.938 x .406		18.893 (FL)



## SCH 80 Aluminum Pipe - 6061-T6 x 20'

26-61-200	1	1.315 x .957 x .179	0.751
26-61-205	1-1/4	1.660 x 1.278 x .191	1.037
26-61-210	1-1/2	1.900 x 1-1/2 x .200	1.256
26-61-215	2	2-3/8 x 1.939 x .218	1.737
26-61-220	2-1/2	2-7/8 x 2.323 x .276	2.705
26-61-225	3	3-1/2 x 2.900 x .300	3.547
26-61-230	3-1/2	4.000 x 3.364 x .318	4.414
26-61-235	4	4-1/2 x 3.826 x .337	5.288
Mill Order	5	5.563 x 4.813 x 3/8	7.188
Mill Order	6	6-5/8 x 5.761 x .432	9.884
26-61-255	8	8-5/8 x 7.625 x 1/2	15.010 (FL)

**Mill Order Items: Not in Stock**  
**Custom Sizes & Lengths**  
**Available - Minimum Order**  
**Required**

### Standards 18



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## D.O.T. Round Tube - 6061-T6

<u>Stock Code</u>	<u>Size in Inches (Size x Wall)</u>	<u>Aprox. Wt/Lin ft.</u>
17-61-200	1-1/2 x 1/8 x 24'	0.648
17-61-205	1-3/4 x 1/8 x 24'	0.750
17-DOT-100	2 x 1/8 x 12'	0.866
17-61-210	2 x 1/8 x 24'	0.866
17-DOT-105	2-1/2 x 1/8 x 12' 6"	1.097
17-DOT-104	2-1/2 x 1/8 x 13' 6"	1.097
17-DOT-106	2-1/2 x 1/8 x 15'	1.097
17-61-215	2-1/2 x 1/8 x 24'	1.097
17-DOT-110	3 x 1/8 x 13' 6"	1.328
17-DOT-111	3 x 1/8 x 15'	1.328
17-DOT-113	3 x 1/8 x 17'	1.328
17-DOT-112	3 x 1/8 x 20'	1.328
17-61-220	3 x 1/8 x 24'	1.328
17-DOT-115	3-1/2 x 3/16 x 15'	2.300
17-DOT-117	3-1/2 x 3/16 x 17'	2.300
17-DOT-116	3-1/2 x 3/16 x 20'	2.300
17-DOT-120	4 x 3/16 x 17'	2.647
17-DOT-121	4 x 3/16 x 20'	2.647
17-DOT-125	4 x 1/4 x 20'	3.463
17-DOT-130	4-1/2 x 1/4 x 20'	3.924
17-DOT-132 (FL)	5 x 1/4 x 20' (6061 T6)	4.470
17-DOT-140	6 x 1/4 x 24'	5.419

## Structural Z-Bar - 6061 T6 M/F

<u>Stock Code</u>	<u>Size in Inches (Size x Wall)</u>	<u>Aprox. Wt/Lin ft.</u>
12-61-200	1-3/4 x 1-3/4 x 3/16 x 25'	1.087
52-61-2968	3 x 2-11/16 x 1/4 x 40'	2.381 (FL)
12-61-201	3 x 2-11/16 x 1/4 x 25'	2.381
12-61-220	3 x 2-11/16 x 3/8 x 25'	3.381
12-61-240	4-1/16 x 3-1/8 x 5/16 x 25'	3.644

## Fabricated Z-Bar

6061 T6 M/F (pre-holed and slotted)

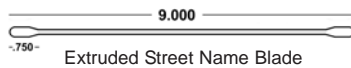
Fabricated Z-Bar



12-61-210	1-3/4 x 1-3/4 x 3/16 x 8"	1.087
12-61-211FZ	1-3/4 x 1-3/4 x 3/16 x 11"	1.087
12-61-214FZ	1-3/4 x 1-3/4 x 3/16 x 14"	1.087
12-61-220FZ	1-3/4 x 1-3/4 x 3/16 x 20"	1.087
12-61-226FZ	1-3/4 x 1-3/4 x 3/16 x 26"	1.087
12-61-232FZ	1-3/4 x 1-3/4 x 3/16 x 32"	1.087
12-61-238FZ	1-3/4 x 1-3/4 x 3/16 x 38"	1.087
12-61-242FZ	1-3/4 x 1-3/4 x 3/16 x 42"	1.087
12-61-252FZ	1-3/4 x 1-3/4 x 3/16 x 52"	1.087
12-61-256FZ	1-3/4 x 1-3/4 x 3/16 x 56"	1.087

## Extruded Street Name Blade

Mill Order 9" Extruded Blade 1.177



## D.O.T. Bullet/Bicycle Rail System - Certs Available upon request

<p><b>4" Bullet/Bicycle Top Cap</b> 6061 T6 Mates with 3" Splice <b>DOT-61-100</b> x 30' <b>DOT-61-120</b> x 40'</p>	<p><b>3" Bullet Rail Splice</b> <b>DOT-61-130</b> x 21' 6061 T6 Mates with 4" Top Cap</p>	<p><b>Hand Rail Clamp Bar</b> 6061 T6 <b>DOT-61-140</b> x 21'</p>	<p><b>Splice Insert Bar</b> <b>DOT-61-150</b> x 20' 6061 T6 Mates with 4" Top Cap</p>	
<p><b>5" x 5" Straight H-Beam</b> 6061-T6 <b>DOT-61-160</b> x 27'</p>	<p><b>7" Bicycle/Bullet Top Cap</b> Mill Order Mates with 5.344" Splice</p>	<p><b>5.344" Hand Rail Splice</b> Mill Order Mates with 7" Bridge Rail</p>	<p><b>Hand Rail Clamp Bar</b> Mill Order</p>	<p><b>Bullet Rail End Cap</b> <b>21-00-715 #715</b></p>

Standards 19



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**version:** 03/20/12

## Break Away Bases for Single Column Signs

### Sign Pole Bases - Manufactured in accordance with Florida DOT

Roadway and Traffic Design Standard Indexes (11861-11865)

Product Code	Description
DOT-4-BPB	4" Break Away Sign Pole Base
DOT-4.5-BPB	4-1/2" Break Away Sign Pole Base
DOT-6-BPB	6" Break Away Sign Pole Base



Break Away Sign Pole Base

### Sign Pole Bases with Bolt Kits

DOT-4-BPBPKG	4" Break Away Sign Pole Base
DOT-4.5-BPBPKG	4-1/2" Break Away Sign Pole Base
DOT-6-BPBPKG	6" Break Away Sign Pole Base

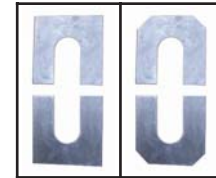
### Bolt Kits - Hardware meets requirements of ASTM A325 and ASTM A307

#### Bolt Kits for 4"; 4.5" and 6" Break Away Bases

Product Code	Description and Contents
DOT-4-KIT	<ul style="list-style-type: none"> <li>• (4) 5/8" x 3" Hex Bolts • (4) 5/8" Nuts</li> <li>• (12) Flat Washers • (4) 1/2" x 6" Hex Bolts</li> <li>• (4) 1/2" Nylon Lock Nuts • (8) 1/2" Flat Washers</li> <li>• (2) Bolt Keepers • (4) Shims</li> </ul>
DOT-4.5-KIT	<ul style="list-style-type: none"> <li>• (4) 5/8" x 3-1/4" Hex Bolts • (4) 5/8" Nuts</li> <li>• (12) Flat Washers • (4) 1/2" x 6-1/2" Hex Bolts</li> <li>• (4) 1/2" Nylon Lock Nuts • (8) 1/2" Flat Washers</li> <li>• (2) Bolt Keepers • (4) Shims</li> </ul>
DOT-6-KIT	<ul style="list-style-type: none"> <li>• (4) 3/4" x 3-1/2" Hex Bolts • (4) 3/4" Nuts</li> <li>• (12) Flat Washers • (4) 1/2" x 8" Hex Bolts</li> <li>• (4) 1/2" Nylon Lock Nuts • (8) 1/2" Flat Washers</li> <li>• (2) Bolt Keepers • (4) Shims</li> </ul>



Bolt Kit



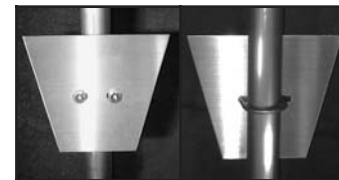
DOT Shims

### Shims

DOT-2-Shim	FDOT approved shim for single column ground signs
DOT-3-Shim	FDOT approved general purpose shim

### Flat Bar Base Plate x 12' - 6061 T6 M/F

Stock Code	Size (Size x Wall)	Aprox. Wt/Lin ft.
10-61-505	1/2" x 6" x 12'	3.600
52-61-2658	5/8" x 6" x 12'	4.500 (FL)



Installed Soil Plate: Front & Back views; shown attached with FDOT approved U-bolts

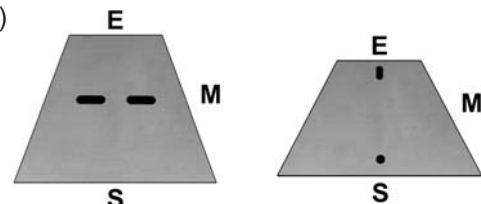
### Fabbed Soil Plate

DOT-14-SP	1/4" Aluminum Plate (8" x 12" x 14") 6061-T6 (FL)
DOT-12-SP	1/8" Steel Plate (6" x 8" x 12") (FL)

### FDOT Approved U-Bolts

ASTM A-307 Galvanized U-Bolts with lock washers and nuts.

DOT-2-UBOLT	2" U-Bolt
DOT-2.5-UBOLT	2-1/2" U-Bolt
DOT-3-UBOLT	3" U-Bolt
DOT-3.5-UBOLT	3-1/2" U-Bolt
DOT-4-UBOLT	4" U-Bolt
DOT-4.5-UBOLT	4-1/2" U-Bolt
DOT-5-UBOLT	5" U-Bolt
DOT-6-UBOLT	6" U-Bolt



Aluminum Soil Plate

Steel Soil Plate



U-Bolts

Standards 20



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