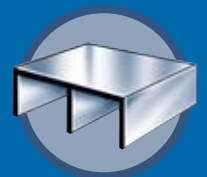
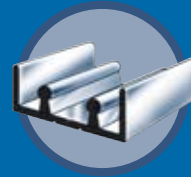
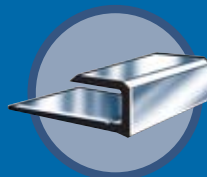
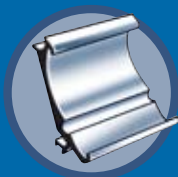
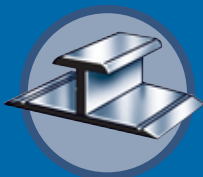
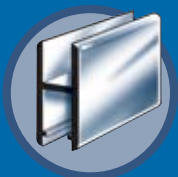


# STANDARD SHAPES/ STRUCTURAL SHAPES



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**RIGHT SHAPES** |

**RIGHT PRICE** |

**RIGHT NOW**

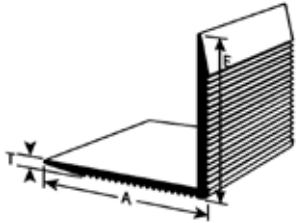
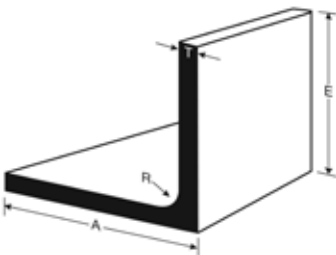
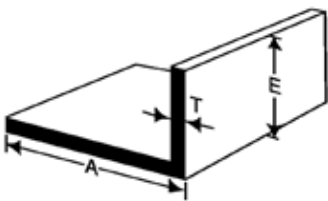


DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>ANGLES - Equal Leg</b>							
	IE 1207	5/8"	5/8"	1/16"		12'	AN
	IE 1208	13/16"	13/16"	0.060"		12'	AN
	IE 1209	1/2"	1/2"	1/16"		8'	AN, BC
						12'	AN, BC, BK, SB, SS
						21'	ML
	IE 1210	1/2"	1/2"	0.045"		12'	AN
	IE 1212	3/4"	3/4"	0.045"		12'	AN
	IE 1213	3/4"	3/4"	1/16"		8'	AN, BC, SB
						12'	AN, BC, BK, BS, SB, SS
						21'	ML
	IE 1214	1"	1"	0.045"		12'	AN, BC, BR
	IE 1215	1"	1"	1/16"		8'	AN, BC
						12'	AN, BC, BK, BS, BZ, SS
						21'	ML
	IE 1216	1 1/4"	1 1/4"	1/16"		12'	AN, ML, SB
	IE 1218	1 1/2"	1 1/2"	1/16"		12'	AN, BS
	IE 1232	3/4"	3/4"	1/8"		12'	AN, SB
						21'	ML
	IE 1234	1"	1"	1/8"		8', 12'	AN
						21'	ML
IE 1235	1 1/4"	1 1/4"	1/8"		21'	ML	
IE 1236	1 1/2"	1 1/2"	1/8"		8'	AN, BC	
					12'	AN, BC, SS	
					21'	ML	
IE 1238	2"	2"	1/8"		12'	AN	
					21'	ML	
IE 1239	2 1/2"	2 1/2"	1/8"		21'	ML	
IE 1240	3"	3"	1/8"		12', 24'	AN	
IE 1244	1 1/2"	1 1/2"	1/4"		12'	AN	
IE 1250	2"	2"	1/4"		12'	AN	
					21'	ML	

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BR-Brown, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed

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DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>ANGLES - Equal Leg</b>							
	IE 5892	1 1/2"	1 1/2"	3/32"		12'	ML
<b>ANGLES - Rounded Inside Equal Leg - Structural</b>							
	IE 1316	1 1/4"	1 1/4"	1/8"	0.125"	20'	ML
	IE 1334	1"	1"	1/8"	0.125"	20'	ML
	IE 1336	1 1/2"	1 1/2"	1/8"	0.125"	20'	ML
	IE 1339	2 1/2"	2 1/2"	3/16"	0.125"	20'	ML
	IE 1344	1 1/2"	1 1/2"	1/4"	0.250"	20'	ML
	IE 1350	2"	2"	1/4"	0.250"	20'	ML
	IE 1351	2 1/2"	2 1/2"	1/4"	0.250"	20'	ML
	IE 1352	3"	3"	1/4"	0.250"	20'	ML
	IE 1354	4"	4"	1/4"	0.250"	20'	ML
	IE 1356	6"	6"	3/8"	0.375"	20'	ML
	IE 1362	2"	2"	3/8"	0.375"	20'	ML
<b>ANGLES - Unequal Leg</b>							
	IE 1406	1/4"	3/4"	1/16"		12'	AN, BC
	IE 1408	3/8"	7/8"	1/16"		12'	AN, BZ, SB
	IE 1410	1/2"	3/4"	0.050"		8'	AN
						12'	AN, BC
	IE 1411	1/2"	1"	1/16"		8'	AN
						12'	AN, BC, SS
	IE 1412	1"	1 1/2"	1/16"		12'	AN
	IE 1413	3/4"	1"	0.062"		12'	AN
	IE 1414	1"	2"	1/16"		12'	AN
	IE 1416	3/4"	1 1/2"	1/16"		12'	AN, BC, SB
	IE 1432	1/2"	1"	1/8"		12'	AN
IE 1434	3/4"	1"	1/8"		12'	AN	
					21'	ML	

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed

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DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>ANGLES - Unequal Leg</b>							
	IE 1435	3/4"	1 1/2"	1/8"		8' 12' 21'	AN AN, BC, SS ML
	IE 1436	1"	1 1/2"	1/8"		12' 21'	AN ML
	IE 1437	1 1/2"	2"	1/8"		21'	ML
	IE 1438	1"	2"	1/8"		12' 21'	AN ML
	IE 1440	1"	3"	1/8"		12' 21'	AN ML
	IE 1443	1 1/4"	1 3/4"	1/16"		10'	ML
	IE 1446	2"	4"	1/8"		12'	AN
	IE 1460	3/4"	4 1/4"	0.075"		10'	BC, SS
	<b>ANGLES - Rounded Inside Unequal Leg - Structural</b>						
	IE 1536	1 1/2"	1"	1/8"	0.125"	20'	ML
	IE 1537	2"	1 1/2"	1/4"	0.250"	20'	ML
	IE 1544	2 1/2"	1 1/2"	1/4"	0.250"	20'	ML
	IE 1545	3"	2"	1/4"	0.250"	20'	ML
	IE 1560	3"	5"	1/4"	0.250"	20'	ML
<b>CHANNEL</b>							
	IE 1610	3/8"	3/8"	1/16"	1/4"	8' 12'	AN, BC, SS AN, BC, BS, SS
	IE 1611	3/8"	1/2"	1/16"	0.375"	12'	AN
	IE 1612	1/2"	3/8"	0.045"	0.270"	12'	AN, BC, SS
	IE 1613	1 1/4"	1/2"	1/16"	3/8"	12'	AN
	IE 1614	1/2"	1/2"	1/16"	3/8"	8' 12' 21'	AN, BC AN, BC, BZ, SB ML
	IE 1615	3/4"	0.524"	1/16"	0.398"	8', 12'	BC, SS
	IE 1616	5/8"	5/8"	1/16"	1/2"	8' 12'	AN, BC AN, BC, BS
	IE 1617	5/8"	3/4"	1/16"	5/8"	8' 12'	AN AN, BC
	IE 1618	5/8"	7/8"	1/16"	3/4"	8' 12'	AN, BC AN, BC, BS, SB
	IE 1619	5/8"	1"	1/16"	7/8"	12'	AN
	IE 1620	5/8"	1 1/8"	0.055"	1"	12'	AN, BZ

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed

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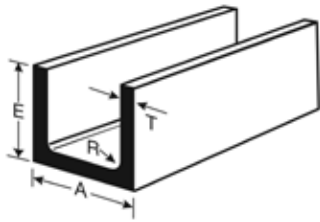
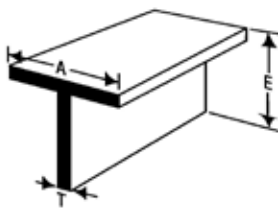
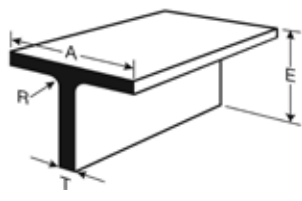
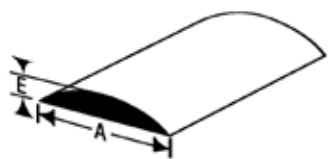


DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>CHANNEL</b>							
	IE 1621	3/4"	9/16"	0.060"	7/16"	8' 12'	AN, SS AN, BC, BK, BS, BZ, SS
	IE 1622	3/8"	9/16"	1/16"	7/16"	12'	AN, BK
	IE 1623	3/4"	3/4"	1/16"	5/8"	12'	AN
	IE 1624	1"	5/8"	1/16"	1/2"	8' 12'	AN, BC AN, BC, BK, BS
	IE 1625	3/8"	9/16"	0.080"	0.403"	12'	AN, BC, SB, SS
	IE 1633	3/4"	3/4"	3/32"	9/16"	12'	AN, BC
	IE 1634	3/4"	3/4"	1/8"	1/2"	12' 21'	AN ML
	IE 1636	3/4"	1"	1/8"	3/4"	12'	AN
	IE 1638	1/2"	1"	1/8"	3/4"	12' 21'	AN, BC ML
	IE 1639	5/8"	1 1/4"	1/8"	1"	12'	AN
	IE 1640	1/2"	1 1/2"	1/8"	1 1/4"	12' 21'	AN ML
	IE 1641	1/2"	3/4"	1/8"	1/2"	12'	AN
	IE 1642	1"	1"	1/8"	3/4"	12' 21'	AN, SS ML
	IE 1643	1 1/2"	1"	1/8"	3/4"	12'	AN, SS
	IE 1644	1"	1 1/2"	1/8"	1 1/4"	8' 12' 21'	AN AN ML
	IE 1645	3/4"	1 3/4"	0.090"	1 1/2"	12'	AN
	IE 1646	1"	2"	1/8"	1 3/4"	12' 21'	AN ML
	IE 1647	1/2"	2"	1/8"	1 3/4"	12'	AN
	IE 1648	1"	3"	1/8"	2 3/4"	12' 21'	AN ML
	IE 1650	2"	1"	1/8"	3/4"	12'	AN, SS

FINISHES: **AN**-Anodized, **BC**-Brite Clear, **BK**-Brite Black, **BS**-Brass, **BZ**-Bronze, **ML**-Mill, **SB**-Satin Black, **SS**-Stainless Steel Brushed

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DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>CHANNEL - Rounded Inside - Structural</b>							
	IE 1729	1 1/2"	2"	1/8"	0.125"	20'	ML
	IE 1754	2"	3"	1/4"	0.188"	20'	ML
	IE 1755	2"	4"	3/16"	0.375"	20'	ML
	IE 1756	1 1/2"	3"	1/4"	0.312"	20'	ML
	IE 1757	2"	6"	0.281"	0.437"	20'	ML
	IE 1776	3"	8"	9/32"	0.500"	20'	ML
	IE 1778	2 1/2"	6"	1/4"	0.437"	20'	ML
	IE 1782	3 1/2"	10"	5/16"	0.562"	20'	ML
<b>T BAR</b>							
	IE 1830	3/4"	3/4"	1/8"		8', 12'	AN
	IE 1831	1"	2"	1/8"		12'	ML
	IE 1832	1"	1"	1/8"		12'	AN, ML
	IE 1834	2"	2"	1/8"		12'	AN
	IE 1837	2"	1"	0.118"		12'	ML
<b>T BAR - Rounded Inside - Structural</b>							
	IE 1936	1 1/2"	1 1/2"	3/16"	0.188"	12', 24'	ML
	IE 1938	2"	2"	1/4"	0.250"	20'	ML
<b>SOLID BAR - Half Oval</b>							
	IE 2013	9/64"	3/8"			12'	AN, BC
	IE 2014	9/64"	1/2"			12'	AN, BC
	IE 2015	9/64"	11/16"			12'	AN, BC
	IE 2016	3/16"	3/4"			12'	AN, BC
	IE 2018	3/16"	1"			12'	AN

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed

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DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>SOLID BAR - Square</b>							
	IE 2406	1/4"	1/4"			12'	AN, BC, ML
	IE 2408	1/2"	1/2"			12'	AN, ML
	IE 2409	3/4"	3/4"			12'	ML
	IE 2466	1"	1"			12'	ML
	IE 2490	1 1/2"	1 1/2"			12'	ML
<b>SOLID BAR - Rectangular</b>							
	IE 2410	1/8"	3/8"			12'	AN, BC
	IE 2412	1/8"	1/2"			8', 12' 20'	AN, BC, BK ML
	IE 2413	1/8"	5/8"			12'	AN, BC
	IE 2414	1/8"	3/4"			8' 12' 20'	AN AN, BC ML
	IE 2416	1/8"	1"			8' 12' 20'	AN AN, BC ML
	IE 2418	1/8"	1 1/2"			12' 20'	AN, BC, BZ, SB ML
	IE 2420	1/8"	2"			12' 20'	AN, BS ML
	IE 2421	1/4"	1/2"			20'	ML
	IE 2425	1/8"	2 1/2"			20'	ML
	IE 2426	1/8"	3"			12' 20'	AN, BC ML
	IE 2428	1/8"	4"			12' 20'	AN ML
	IE 2429	1/4"	3/4"			12' 20'	AN, ML ML
	IE 2430	1/4"	1"			12' 20'	AN, BC, ML ML
	IE 2431*	1/4"	1 3/4"			12', 20'	ML
	IE 2432	1/4"	1 1/2"			12' 20'	AN, ML ML
	IE 2434	1/4"	2"			12' 20'	AN, ML ML

\* Min. 250lb order qty on 12ft length only.

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed

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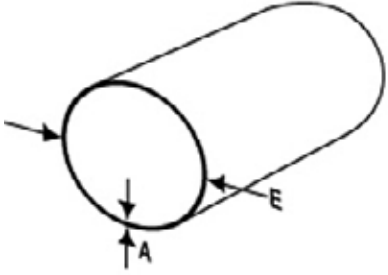
DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>SOLID BAR - Rectangular</b>							
	IE 2436	3/8"	3/4"			12', 20'	ML
	IE 2437	1/4"	3"			12', 20'	ML
	IE 2438	3/8"	1"			12', 20'	ML
	IE 2439	1/4"	4"			12', 20'	ML
	IE 2440	1/4"	5"			12', 20'	ML
	IE 2441	3/4"	1"			10', 12', 20'	ML
	IE 2442	1/2"	3/4"			12', 20'	ML
	IE 2443	1/4"	6"			12', 20'	ML
	IE 2444	1/2"	1"			12', 20'	ML
	IE 2446	3/8"	2 1/2"			20'	ML
	IE 2447	3/16"	2 1/2"			20'	ML
	IE 2448	1/2"	1 1/2"			12', 20'	ML
	IE 2449	1/4"	3 1/2"			12', 20'	ML
	IE 2450	1/2"	2"			12', 20'	ML
	IE 2451	1/2"	4"			12', 20'	ML
	IE 2454	3/8"	1 1/2"			12', 20'	ML
	IE 2455	1/2"	3"			12', 20'	ML
	IE 2458	3/4"	3"			12', 20'	ML
	IE 2459	1/2"	4"			12', 20'	ML
	IE 2460	1/2"	5"			12', 20'	ML
	IE 2461	1/4"	1 1/2"			12', 20'	ML
IE 2468	1/4"	8"			12', 20'	ML	
IE 2470	1"	1 1/2"			12', 20'	ML	
IE 2480	1"	2"			12', 20'	ML	
IE 2482	1"	3"			12', 20'	ML	
<b>SOLID BAR - Round</b>							
	IE 2809	15/64"				12'	ML
	IE 2810	1/4"				12'	AN, BC, ML
	IE 2812	3/8"				12'	AN, ML
	IE 2814	1/2"				12'	ML
	IE 2815	5/8"				12'	ML
	IE 2816	3/4"				12'	BC, ML
	IE 2817	7/8"				12'	ML
	IE 2818	1"				12'	ML
	IE 2822	1 1/2"				12'	ML
	IE 2824	2"				12'	ML
	IE 2826	2 1/2"				12'	ML
	IE 2828	3"				12'	ML

FINISHES: **AN**-Anodized, **BC**-Brite Clear, **BK**-Brite Black, **BS**-Brass, **BZ**-Bronze, **ML**-Mill, **SB**-Satin Black, **SS**-Stainless Steel Brushed

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DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>HOLLOW TUBE - Round</b>							
	IE 3008	3/8"	0.094"			12'	AN, BC, BS
	IE 3009	0.480"	0.039"			12'	ML
	IE 3012	1/2"	0.050"			12'	AN
	IE 3013	1/2"	0.065"			21'	ML
	IE 3014	5/8"	0.065"			12'	AN, BC
	IE 3016	3/4"	0.050"			12'	AN
	IE 3017	3/4"	0.065"			6'	ML
						12'	AN
						21'	ML
	IE 3018	7/8"	1/16"			12'	AN
						21'	ML
	IE 3030	1"	0.050"			12'	AN, BC
	IE 3032	1 1/4"	0.065"			21'	ML
	IE 3034	1 1/2"	1/16"			12'	AN
						20', 21'	ML
	IE 3036	2"	1/16"			12'	AN
						20', 21'	ML
	IE 3038	3"	1/16"			12'	ML
	IE 3039	2"	1/8"			20'	ML
	IE 3040	1"	1/8"			20'	ML
	IE 3042	1 1/2"	1/8"			12'	AN
						20', 21'	ML
	IE 3043	2 1/2"	1/16"			12'	AN
	IE 3044	2 1/2"	1/8"			12'	AN
						20'	ML
	IE 3046	3"	1/8"			20'	ML
	IE 3048	4"	1/8"			12'	AN
						20'	ML
IE 3050	5"	1/8"			12'	AN	
					20'	ML	
IE 3060	6"	1/8"			12'	AN	
					20'	ML	

**NOTE:** While some of our Hollow Round and Square Tubes might seem like they can fit inside one another, the only Tubes we carry that we Guarantee will marry together are our "Telescopic Tubes". All other Hollow Round and Square tubes are industry standard profiles that have not been designed to fit together.

FINISHES: **AN**-Anodized, **BA**-Brushed Anodized, **BC**-Brite Clear, **BK**-Brite Black, **BS**-Brass, **BZ**-Bronze, **MB**-Mill Brushed, **ML**-Mill, **SB**-Satin Black, **SS**-Stainless Steel Brushed



DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>HOLLOW TUBE - Square</b>							
	IE 3210	1/2"	1/2"	1/16"		12'	AN
	IE 3211	5/8"	5/8"	1/16"		12'	AN
	IE 3212	3/4"	3/4"	0.050"		12'	AN
	IE 3214	1"	1"	1/16"		12'	AN
						21'	ML
	IE 3216	1 1/2"	1 1/2"	0.050"		12'	AN
	IE 3228	3/4"	3/4"	1/8"		20'	AN
						21'	ML
	IE 3230	1"	1"	0.120"		12'	AN
						20'	ML
						21'	AN, ML
	IE 3233	1 1/2"	1 1/2"	0.095"		21'	ML
	IE 3235	1 3/4"	1 3/4"	0.120"		21'	ML
	IE 3236	2"	2"	1/8"		20', 21'	ML
IE 3239	2 1/2"	2 1/2"	1/8"		20', 21'	ML	
IE 3240	3"	3"	0.120"		20', 21'	ML	
IE 3260	4"	4"	1/8"		21'	ML	
<b>HOLLOW TUBE - Rectangular</b>							
	IE 3410	1"	1.5"	1/8"		12'	AN
						21'	ML
	IE 3411	1"	2"	0.095"		21"	ML
	IE 3412	1"	2"	1/8"		12'	AN
						21'	ML
	IE 3413	1"	2"	1/8"		24'	AN
	IE 3414	1"	3"	0.120"		12'	AN
						21'	ML
	IE 3418	2"	3"	1/8"		20', 21'	ML
IE 3419	1"	4"	1/8"		21'	ML	

**NOTE:** While some of our Hollow Round and Square Tubes might seem like they can fit inside one another, the only Tubes we carry that we Guarantee will marry together are our "Telescopic Tubes". All other Hollow Round and Square tubes are industry standard profiles that have not been designed to fit together.

FINISHES: AN-Anodized, BC-Brite Clear, BK-Brite Black, BS-Brass, BZ-Bronze, ML-Mill, SB-Satin Black, SS-Stainless Steel Brushed



DRAWING	PART NUMBER	DIMENSIONS				LENGTH	FINISH
		E	A	T	I/R		
<b>HOLLOW TUBE - Rectangular</b>							
	IE 3420	2"	4"	1/8"		20'	ML
	IE 3422	1"	4"	1/8"		21'	AN, ML
	IE 3423	1 1/2"	2"	1/8"		24'	AN
	IE 3426	2	6"	1/8"		21'	ML
	IE 3433	1 3/4"	4"	3/32"		24'	AN
	IE 3434	1 3/4"	4 1/2"	3/32"		12'	AN
	IE 3434	1 3/4"	4 1/2"	3/32"		21'	AN
<b>HOLLOW TUBE - Telescopic</b>							
	IE 3213	3/4"	3/4"	0.100"	***	12', 24'	AN, ML
	IE 3215	1 1/4"	1 1/4"	0.090"	***	12', 24'	AN, ML
	IE 3217	1 1/4"	1 1/4"	0.120"	***	12', 24'	AN, ML
	IE 3219	1.530"	1.530"	1/8"	***	12', 24'	AN, ML
	IE 3220	1"	1"	0.062"		12', 24'	AN, ML
	IE 3232	1"	1"	1/8"		12', 24'	AN, ML
<b>THRESHOLD</b>							
	IE 5824	1/4"	4"			3', 4', 6', 12'*	ML
	IE 5825	1/4"	5"			3', 4', 6', 12'*	ML
	IE 5826	1/4"	6"			3', 4', 6', 12'*	ML
	IE 5834	1/2"	4"			3', 4', 6', 12'*	ML
	IE 5835	1/2"	5"			3', 4', 6', 7', 8', 12'*	ML
	IE 5836	1/2"	6"			3', 4', 6', 12'*	ML
	IE 5844	0.090"	1"			12'*	AN, ML
	IE 5847	0.185"	2 1/2"			12'*	ML

\*\*\*Radius Dimensions

P/No.	inside radius	outside radius
IE-3213	0.100"	0.100"
IE-3215	0.098"	0.188"
IE-3217	0.068"	0.188"
IE-3219	0.200"	0.200"

\*Threshold Details:

3, 4, 6, 7 and 8 foot lengths are drilled.  
12 foot lengths are not drilled.

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FINISHES: **AN**-Anodized, **BC**-Brite Clear, **BK**-Brite Black, **BS**-Brass, **BZ**-Bronze, **ML**-Mill, **SB**-Satin Black, **SS**-Stainless Steel Brushed

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