

CAÑOS CON COSTURA NEGRO Y GALVANIZADO SEGÚN NORMA IRAM 2502						CAÑOS CON COSTURA NEGRO Y CONDUIT SCH 40 SEGÚN NORMA ASTM A-53				
DIÁMETRO NOMINAL	DIÁMETRO PULGADAS	DIÁMETRO EXTERIOR	ESPESOR	PESO KG/MT CON CUPLA	PESO KG/MT SIN CUPLA	DIÁMETRO NOMINAL	DIÁMETRO PULGADAS	DIÁMETRO EXTERIOR	ESPESOR	PESO KG/MT
15	1/2	21.30	2.35	1.110	1.110	15	1/2	21.30	2.77	1.250
20	3/4	26.70	2.35	1.425	1.410	20	3/4	26.70	2.78	1.680
25	1	33.70	2.90	2.235	2.210	25	1	33.70	3.38	2.510
32	1 1/4	42.20	2.90	2.875	2.840	32	1 1/4	42.20	3.56	3.370
40	1 1/2	48.30	2.90	3.310	3.260	40	1 1/2	48.30	3.68	4.140
50	2	60.30	3.25	4.645	4.560	50	2	60.30	3.91	5.460
65	2 1/2	76.00	3.25	5.950	5.810	65	2 1/2	76.00	5.16	8.870
80	3	88.90	3.65	7.815	7.650	80	3	88.90	5.49	11.110
100	4	114.3	4.05	11.300	11.000	100	4	114.3	6.02	16.070

- CASQUETES
- REDUCCIONES
- BRIDAS



MEDIDAS EN PULGADAS	MEDIDAS EN MILIMETROS	REDONDOS PESO KG/MT	REDONDOS PESO KG/MT
1/4	6.35	0.25	0.32
5/16	7.94	0.39	0.49
3/8	9.53	0.56	0.71
7/16	11.11	0.76	0.97
1/2	12.70	0.99	1.27
9/16	14.29	1.26	1.60
5/8	15.88	1.55	1.98
11/16	17.46	1.88	
3/4	19.05	2.24	2.85
13/16	20.64	2.63	
7/8	22.23	3.05	3.88
1	25.40	3.98	5.06
1 1/8	28.58	5.03	6.41
1 1/4	31.75	6.22	7.91
1 3/8	34.93	7.52	
1 1/2	38.10	8.95	11.40
1 5/8	41.28	10.50	
1 3/4	44.45	12.8	15.51
2	50.80	15.91	20.26
2 1/4	57.15	20.14	24.70
2 1/2	63.50	24.86	31.66
2 3/4	69.80	30.08	38.30
3	76.20	35.80	45.58
3 1/4	82.50	42.01	53.50
3 1/2	88.90	48.72	62.04
4	101.60	63.64	81.03

HIERRO ÁNGULO Y HIERRO TE - PESO KG/MT									
		3.20	4.76	6.35	7.94	9.52	12.70	15.88	19.05
		1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
12.70	1/2	0.55							
15.88	5/8	0.71							
19.05	3/4	0.88							
22.23	7/8	1.03							
25.40	1	1.19	1.71	2.19					
31.75	1 1/4	1.51	2.17	2.90					
38.10	1 1/2	1.92	2.65	3.44	4.26	4.99			
44.45	1 3/4	2.42	3.12	4.25	5.27	5.95			
50.80	2	2.80	3.59	4.68	5.77	6.84			
57.15	2 1/4		4.06	5.50	6.32	7.75			
63.50	2 1/2		4.90	6.31	7.80	8.71			
76.20	3		5.50	7.92	9.20	10.69	13.90	16.80	
88.90	3 1/2			8.86	11.08	13.29			
101.6	4			10.10	13.00	14.40	19.00	23.10	26.50
127.0	5					20.10	24.70	29.76	35.12
152.4	6					22.50	28.30	35.60	42.00

H. CONSTRUCCIÓN	
Ø	PESO UNID.
4.2	1.30
6	2.60
8	4.80
10	7.40
12	10.70
14	14.40
16	18.90
20	29.60
25	46.20
32	75.80

ADN Y LISO

BARRAS 12 MTRS.

MALLAS CONSTRUCCIÓN			
MODELO	MEDIDAS	DIMENSIÓN	PESO X PANEL
Q 131	15 X 15 X 5	2.4X6MTS	29,600 KG
R 131	15 X 25 X 5	2.4X6MTS	23,700 KG
Q 188	15 X 15 X 6	2.4X6MTS	42,650 KG
R 188	15 X 25 X 6	2.4X6MTS	30,200 KG
Q 221	15 X 15 X 6.5	2.4X6MTS	50,000 KG
R 221	15 X 25 X 6.5	2.4X6MTS	33,900 KG
Q 257	15 X 15 X 7	2.4X6MTS	58,000 KG
R 257	15 X 25 X 7	2.4X6MTS	37,900 KG
Q 335	15 X 15 X 8	2.4X6MTS	75,750 KG
R 335	15 X 25 X 8	2.4X6MTS	46,750 KG
Q 378	15 X 15 X 8.5	2.4X6MTS	85,550 KG
R 378	15 X 25 X 8.5	2.4X6MTS	51,650 KG
Q 524	15 X 15 X 10	2.4X6MTS	118,400 KG
R 524	15 X 25 X 10	2.4X6MTS	72,000 KG
Q 754	15 X 15 X 12	2.4X6MTS	170,460 KG
R 754	15 X 25 X 12	2.4X6MTS	102,630 KG

HIERRO PLANCHUELA - PESO KG/MT												
		3.20	4.76	6.35	7.94	9.52	11.11	12.70	15.88	19.05	15.88	15.88
		1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	5/8	5/8
12.70	1/2	0.32	0.48	0.64								
15.88	5/8	0.40	0.60	0.80								
19.05	3/4	0.48	0.72	0.96	1.20	1.44						
22.23	7/8	0.56	0.84	1.12	1.40	1.68						
25.40	1	0.54	0.96	1.28	1.60	1.92	2.24	2.56				
31.75	1 1/4	0.82	1.23	1.64	2.05	2.45	2.90	3.30	4.10		4.10	4.10
38.10	1 1/2	0.98	1.47	1.95	2.45	2.95	3.45	3.90	4.90		4.90	4.90
44.45	1 3/4	1.15	1.75	2.30	2.85	3.45	4.00	4.55	5.70		5.70	5.70
50.80	2	1.30	1.90	2.53	3.16	3.80	4.55	5.06	6.30		6.30	6.30
57.15	2 1/4	1.46	2.14	2.85	3.56	4.27	5.10	5.70	7.12		7.12	7.12
63.50	2 1/2	1.62	2.37	3.16	3.95	4.65	5.70	6.33	7.91		7.91	7.91
76.20	3	1.95	2.85	3.80	4.75	5.70	6.80	7.60	9.50		9.50	9.50
88.90	3 1/2	2.25	3.40	4.55	5.55	6.65	7.90	8.86	11.07		11.07	11.07
101.6	4	2.60	3.90	5.15	6.33	7.60	9.00	10.20	12.70	26.50	12.70	12.70
114.3	4 1/2	2.90	4.35	5.70	7.25	8.70	10.20	11.60	14.50	35.12	14.50	14.50
127.0	5	3.25	4.85	6.45	7.92	9.50	11.30	12.66	15.82	42.00	15.82	15.82
139.7	5 1/2	3.55	5.30	7.10	8.85	10.60	12.40	14.20	17.70		17.70	17.70
152.4	6	3.85	5.80	7.70	9.50	11.40	13.50	15.20	19.00		19.00	19.00

CHAPAS GRUESAS		
MEDIDA	PULGADA	KG/MT2
3.17	1/8	24.90
4.76	3/16	37.40
6.35	1/4	49.90
7.94	5/16	62.25
9.52	3/8	74.75
12.70	1/2	99.70
15.88	5/8	124.6
19.10	3/4	149.5
22.20	7/8	174.4
25.40	1	199.4
31.70	1 1/4	249.2
38.10	1 1/2	299.1
44.40	1 3/4	348.9
50.80	2	398.8
57.15	2 1/4	448.6
63.50	2 1/2	498.5
76.20	3	598.2
101.6	4	797.6

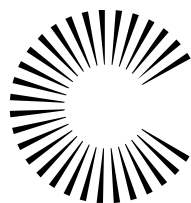
CHAPAS FINAS		
Nº	ESPESOR	KG/MT2
12	2.76	22.26
14	2.10	16.94
16	1.65	13.27
18	1.24	10.00
20	0.89	7.15
22	0.71	5.72
25	0.50	5.00
26	0.46	4.49
27	0.42	4.10
28	0.36	2.86
30	0.30	2.45

ANTIDESLIZANTE		
	MEDIDA	KG/MT2
3.20	1/8	25.90
4.75	3/16	38.40
6.35	1/4	51.35

PERFIL C DE CHAPA				
MEDIDA			ESPESOR	KG/MT
80	50	15	1.60	2.560
			2.00	3.150
			2.50	3.990
			1.60	2.810
100	50	20	2.00	3.470
			2.50	4.390
			3.20	5.700
			1.60	3.070
120	50	20	2.00	3.790
			2.50	4.880
			3.20	6.200
			2.00	4.590
140	60	20	2.50	5.680
			3.20	7.150
			2.00	6.140
			2.50	7.590
160	60	20	3.20	9.570
			2.00	5.590
			2.50	6.950
			3.20	8.780
180	70	20	2.00	6.590
			2.50	8.240
			3.20	10.550
200	80	30		

PERFIL U DE CHAPA			
MEDIDA		ESPESOR	KG/MT
80	50	1.60	2.210
		2.00	2.780
100	50	1.60	2.490
		2.00	3.100
120	50	1.60	2.750
		2.00	3.420
140	60	1.60	3.260
		2.00	4.060
160	60	2.00	4.380
		3.20	6.900
180	60	2.00	4.710
		3.20	7.540
200	80	2.50	7.040
		3.20	8.950
220	80	2.50	7.440
		3.20	9.470

CAÑOS ESTRUCTURALES - PESO KG/MT														
SECCIONES						ESPESORES								
PULGADAS	REDONDO	CUADRADO	RECTANGULAR				1.25	1.59	2.00	2.50	3.20	4.00	4.75	6.35
5/8	15.88	13 X 13	10 X 15				0.45	0.56						
3/4	19.05	15 X 15	20 X 10				0.55	0.68	0.84					
7/8	22.23		20 X 15	25 X 10			0.64	0.81	1.00					
1	25.40	20 X 20	25 X 15	30 X 10			0.75	0.94	1.15	1.41	1.80			
1 1/4	31.75	25 X 25	30 X 20	40 X 10			0.94	1.19	1.47	1.80	2.25			
1 1/2	38.10	30 X 30	40 X 20	50 X 10			1.14	1.44	1.78	2.19	2.75			
1 3/4	44.45	35 X 35	40 X 30	50 X 20			1.33	1.69	2.09	2.59	3.25	3.99		
2	50.80	40 X 40	50 X 30	60 X 20			1.53	1.94	2.41	2.98	3.76	4.62	5.41	
2 1/4	57.15	45 X 45	50 X 40	60 X 30			1.72	2.19	2.72	3.37	4.26	5.24	6.15	
2 1/2	63.50	50 X 50	60 X 40	70 X 30	80 X 20		1.92	2.44	3.03	3.76	4.75	5.87	6.90	8.90
2 3/4	69.85	55 X 55	60 X 50	70 X 40			2.11	2.69	3.35	4.15	5.26	6.50	7.64	9.90
3	76.20	60 X 60	70 X 50	80 X 40	90 X 30		2.31	2.94	3.66	4.54	5.76	7.12	8.39	10.90
3 1/2	88.90	70 X 70	80 X 60	90 X 50	100 X 40		2.70	3.44	4.29	5.33	6.76	8.37	9.88	12.90
3 3/4	95.25	75 X 75	110 X 40	100 X 50	90 X 60	80 X 70		3.69	4.60	5.72	7.26	9.00	10.60	13.92
4	101.6	80 X 80	100 X 60	120 X 40				3.95	4.91	6.11	7.77	9.63	11.37	14.91
4 1/2	114.3	90 X 90	100 X 80	110 X 70	120 X 60	130 X 50		4.40	5.54	6.89	8.77	10.88	12.87	16.90
5	127.0	100 X 100	120 X 80	130 X 70	140 X 60	150 X 50		5.12	6.40	7.68	9.77	12.13	14.35	18.90
5 1/2	139.7	110 X 110	140 X 80	150 X 70	120 X 100				6.80	8.50	10.77	13.39	15.84	20.90
6	152.4	120 X 120	140 X 100	150 X 90	160 X 80	170 X 70			7.40	9.20	11.77	14.64	17.33	22.90
7	177.8	140 X 140	180 X 100								13.80	17.10	20.30	26.85
7 1/2	190.5	150 X 150	200 X 100								14.60	18.40	21.76	28.85



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CAÑOS CON Y SIN COSTURA

DIÁMETRO NOMINAL			STD	XS	S XXS	C 10	H 20	E 30	U 40	L 60	E 80	100	120	140	160
1/8	10.3	ESP KG/M	1.73 0.37	2.41 0.47					1.73 0.37		2.41 0.47				
1/4	13.7	ESP KG/M	2.24 0.63	3.03 0.80					2.24 0.63		3.03 0.80				
3/8	17.1	ESP KG/M	2.31 0.84	3.20 1.10					2.31 0.84		3.20 1.10				
1/2	21.3	ESP KG/M	2.77 1.27	3.73 1.67	7.47 2.55				2.77 1.27		3.73 1.62				4.78 1.95
3/4	26.7	ESP KG/M	2.87 1.69		7.82 3.64				2.87 1.69		3.91 2.20				5.56 2.90
1	33.4	ESP KG/M	3.38 2.50	4.55 3.24	9.09 5.45	2.77 2.09			3.38 2.50		4.55 3.24				6.35 4.24
1 1/4	42.2	ESP KG/M	3.56 3.39	4.85 4.47	9.70 7.70	2.77 2.69			3.56 3.39		4.85 4.47				6.35 5.61
1 1/2	48.3	ESP KG/M	3.68 4.05	5.08 5.41	10.16 9.56	2.77 3.11			3.68 4.05		5.08 5.41				7.14 7.25
2	60.3	ESP KG/M	3.91 5.44	5.54 7.48	11.07 13.44	2.77 3.93			3.91 5.44		5.54 7.48				8.74 11.11
2 1/2	73.0	ESP KG/M	5.16 8.63	7.01 11.41	14.02 20.39	3.05 5.26			5.16 8.63		7.01 11.41				9.53 14.92
3	88.9	ESP KG/M	5.49 11.29	7.62 15.27	15.24 27.68	3.05 6.46			5.49 11.29		7.62 15.27				11.13 21.35
3 1/2	101.6	ESP KG/M	5.74 13.57	8.08 18.64		3.05 7.41			5.74 13.57		8.08 18.64				
4	114.3	ESP KG/M	6.02 16.08	8.56 22.32	17.12 41.03	3.05 8.37			6.02 16.08		8.56 22.32		11.13 28.32		13.49 33.54
5	141.3	ESP KG/M	6.55 21.77	9.53 30.97	19.05 57.43	3.40 11.56			6.55 21.77		9.53 30.97		12.70 40.28		15.88 49.12
6	168.3	ESP KG/M	7.11 28.26	10.97 42.56	21.95 79.22	3.40 13.83			7.11 28.26		10.97 42.56		14.27 54.21		18.26 67.57
8	219.1	ESP KG/M	8.18 42.55	12.70 64.64	22.23 107.93	4.78 25.26	6.35 33.32	7.04 36.82	8.18 42.55	10.31 53.09	12.70 64.64	15.09 75.92	18.26 114.71	20.62 100.93	23.01 111.27
10	273.0	ESP KG/M	9.27 60.29	12.70 81.53	25.40 155.10	4.19 27.78	6.35 41.76	7.80 51.01	9.53 61.92	12.70 81.53	15.09 95.98	18.26 114.71	21.44 159.87	25.40 155.10	28.58 172.27
12	323.8	ESP KG/M	9.52 73.79	12.70 97.44	25.40 186.92	4.57 35.98	6.35 49.71	8.38 65.19	10.31 79.71	14.27 108.93	17.48 132.05	21.44 159.87	25.40 186.92	28.58 159.87	33.32 238.69
14	355.6	ESP KG/M	9.52 81.25	12.70 107.40		6.35 54.69	7.92 67.91	9.52 81.25	11.10 94.30	15.09 126.72	19.05 158.11	23.83 194.98	27.79 224.66	31.75 253.58	35.71 281.72
16	406.4	ESP KG/M	9.52 93.18	12.70 123.31		6.35 62.65	7.92 77.83	9.52 93.18	12.70 123.31	16.66 160.13	21.44 203.55	26.19 245.57	30.96 286.66	36.53 333.21	40.49 365.38
18	457.2	ESP KG/M	9.52 105.11	12.70 139.22		6.35 70.60	7.92 87.75	11.13 122.44	14.27 155.88	19.05 205.84	23.83 254.69	29.36 309.78	34.93 363.76	39.67 408.48	45.24 459.62
20	508.0	ESP KG/M	9.52 117.03	12.70 155.13		6.35 78.56	9.52 117.03	12.70 155.13	15.09 183.43	20.62 247.84	26.19 311.19	32.54 381.55	38.10 442.52	44.45 508.15	50.01 564.85
24	609.6	ESP KG/M	9.52 140.89	12.70 186.95		6.35 94.47	9.52 140.89	14.27 209.51	17.48 255.25	24.61 355.04	30.96 441.80	38.89 547.36	46.02 639.62	52.37 719.68	59.54 807.68
30	762.0	ESP KG/M	9.52 176.67	12.70 234.68		7.92 147.29	12.70 234.68	15.88 292.20	19.05 349.46						

CAÑOS CON COSTURA NEGRO Y GALVANIZADO SEGÚN NORMA IRAM 2502

DIÁMETRO NOMINAL	DIÁMETRO PULGADAS	DIÁMETRO EXTERIOR	ESPESOR	PESO KG/MT CON CUPLA	PESO KG/MT SIN CUPLA
15	1/2	21.30	2.35	1.110	1.110
20	3/4	26.70	2.35	1.425	1.410
25	1	33.70	2.90	2.235	2.210
32	1 1/4	42.20	2.90	2.875	2.840
40	1 1/2	48.30	2.90	3.310	3.260
50	2	60.30	3.25	4.645	4.560
65	2 1/2	76.00	3.25	5.950	5.810
80	3	88.90	3.65	7.815	7.650
100	4	114.3	4.05	11.300	11.000

CAÑOS CON COSTURA NEGRO Y CONDUIT SCH 40 SEGÚN NORMA ASTM A-53

DIÁMETRO NOMINAL	DIÁMETRO PULGADAS	DIÁMETRO EXTERIOR	ESPESOR	PESO KG/MT
15	1/2	21.30	2.77	1.250
20	3/4	26.70	2.78	1.680
25	1	33.70	3.38	2.510
32	1 1/4	42.20	3.56	3.370
40	1 1/2	48.30	3.68	4.140
50	2	60.30	3.91	5.460
65	2 1/2	76.00	5.16	8.870
80	3	88.90	5.49	11.110
100	4	114.3	6.02	16.070

ACCESORIOS PARA SOLDAR

- CODOS 45°
- CODOS 90°
- TEE / TEE REDUCCIÓN
- CASQUETES
- REDUCCIONES
- BRIDAS





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ATENCIÓN PERSONALIZADA

NUESTROS MATERIALES

- TUBOS SIN COSTURA SCH 40 / 80 / 120 / 160 - XXS
- CAÑOS CON COSTURA IRAM 2502, SCH 40, SCH 80
- CAÑOS CON COSTURA GALVANIZADOS TIPO CONDUIT
- ACCESORIOS PARA SOLDAR - BRIDAS
- CAÑOS ESTRUCTURALES HASTA 8MM DE ESPESOR
- CHAPAS NEGRAS - DOBLE DECAP. Y GALVANIZADAS
- CHAPAS LISAS - ACANALADAS Y TRAPEZOIDALES
- CHAPAS PERFORADAS - METALES DESPLEGADOS
- CORTES A PANTÓGRAFO Y GUILLOTINA
- U CHICO - ÁNGULOS - PLANCHUELAS - TE
- HIERROS REDONDOS Y CUADRADOS
- REDONDOS LAMINADOS Y TREFILADOS
- HIERRO PARA CONSTRUCCIÓN LISO Y ALETADO
- PERFILES C Y U DE CHAPA - NEGRO Y GALVANIZADO
- PERFILES UPN 80 A 400 / IPN 80 A 600
- PERFILES GREY 100 A 800 / UPA
- PERFILES H-W
- MALLAS ELECTRO SOLDADAS
- CLAVOS - ALAMBRES

CONTAMOS CON UN IMPORTANTE STOCK EN PLANTA



FLOTA DE TRANSPORTE PROPIO



MEDIDAS EN PULGADAS	MEDIDAS EN MILIMETROS	REDONDOS PESO KG/MT	REDONDOS PESO KG/MT
1/4	6.35	0.25	0.32
5/16	7.94	0.39	0.49
3/8	9.53	0.56	0.71
7/16	11.11	0.76	0.97
1/2	12.70	0.99	1.27
9/16	14.29	1.26	1.60
5/8	15.88	1.55	1.98
11/16	17.46	1.88	
3/4	19.05	2.24	2.85
13/16	20.64	2.63	
7/8	22.23	3.05	3.88
1	25.40	3.98	5.06
1 1/8	28.58	5.03	6.41
1 1/4	31.75	6.22	7.91
1 3/8	34.93	7.52	
1 1/2	38.10	8.95	11.40
1 5/8	41.28	10.50	
1 3/4	44.45	12.8	15.51
2	50.80	15.91	20.26
2 1/4	57.15	20.14	24.70
2 1/2	63.50	24.86	31.66
2 3/4	69.80	30.08	38.30
3	76.20	35.80	45.58
3 1/4	82.50	42.01	53.50
3 1/2	88.90	48.72	62.04
4	101.60	63.64	81.03

HIERRO ÁNGULO Y HIERRO TE - PESO KG/MT

		3.20	4.76	6.35	7.94	9.52	12.70	15.88	19.05
		1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
12.70	1/2	0.55							
15.88	5/8	0.71							
19.05	3/4	0.88							
22.23	7/8	1.03							
25.40	1	1.19	1.71	2.19					
31.75	1 1/4	1.51	2.17	2.90					
38.10	1 1/2	1.92	2.65	3.44	4.26	4.99			
44.45	1 3/4	2.42	3.12	4.25	5.27	5.95			
50.80	2	2.80	3.59	4.68	5.77	6.84			
57.15	2 1/4		4.06	5.50	6.32	7.75			
63.50	2 1/2		4.90	6.31	7.80	8.71			
76.20	3		5.50	7.92	9.20	10.69	13.90	16.80	
88.90	3 1/2			8.86	11.08	13.29			
101.6	4			10.10	13.00	14.40	19.00	23.10	26.50
127.0	5					20.10	24.70	29.76	35.12
152.4	6					22.50	28.30	35.60	42.00

H. CONSTRUCCIÓN

Ø	PESO UNID.	
4.2	1.30	
6	2.60	
8	4.80	
10	7.40	
12	10.70	
14	14.40	
16	18.90	
20	29.60	
25	46.20	
32	75.80	

**ADN
Y LISO**

**BARRAS
12 MTRS.**

MALLAS CONSTRUCCIÓN

MODELO	MEDIDAS	DIMENSIÓN	PESO X PANEL
Q 131	15 X 15 X 5	2.4X6MTS	29,600 KG
R 131	15 X 25 X 5	2.4X6MTS	23,700 KG
Q 188	15 X 15 X 6	2.4X6MTS	42,650 KG
R 188	15 X 25 X 6	2.4X6MTS	30,200 KG
Q 221	15 X 15 X 6.5	2.4X6MTS	50,000 KG
R 221	15 X 25 X 6.5	2.4X6MTS	33,900 KG
Q 257	15 X 15 X 7	2.4X6MTS	58,000 KG
R 257	15 X 25 X 7	2.4X6MTS	37,900 KG
Q 335	15 X 15 X 8	2.4X6MTS	75,750 KG
R 335	15 X 25 X 8	2.4X6MTS	46,750 KG
Q 378	15 X 15 X 8.5	2.4X6MTS	85,550 KG
R 378	15 X 25 X 8.5	2.4X6MTS	51,650 KG
Q 524	15 X 15 X 10	2.4X6MTS	118,400 KG
R 524	15 X 25 X 10	2.4X6MTS	72,000 KG
Q 754	15 X 15 X 12	2.4X6MTS	170,460 KG
R 754	15 X 25 X 12	2.4X6MTS	102,630 KG

HIERRO PLANCHUELA - PESO KG/MT

		3.20	4.76	6.35	7.94	9.52	11.11	12.70	15.88	19.05	15.88	15.88
		1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	5/8	5/8
12.70	1/2	0.32	0.48	0.64								
15.88	5/8	0.40	0.60	0.80								
19.05	3/4	0.48	0.72	0.96	1.20	1.44						
22.23	7/8	0.56	0.84	1.12	1.40	1.68						
25.40	1	0.54	0.96	1.28	1.60	1.92	2.24	2.56				
31.75	1 1/4	0.82	1.23	1.64	2.05	2.45	2.90	3.30	4.10		4.10	4.10
38.10	1 1/2	0.98	1.47	1.95	2.45	2.95	3.45	3.90	4.90		4.90	4.90
44.45	1 3/4	1.15	1.75	2.30	2.85	3.45	4.00	4.55	5.70		5.70	5.70
50.80	2	1.30	1.90	2.53	3.16	3.80	4.55	5.06	6.30		6.30	6.30
57.15	2 1/4	1.46	2.14	2.85	3.56	4.27	5.10	5.70	7.12		7.12	7.12
63.50	2 1/2	1.62	2.37	3.16	3.95	4.65	5.70	6.33	7.91		7.91	7.91
76.20	3	1.95	2.85	3.80	4.75	5.70	6.80	7.60	9.50		9.50	9.50
88.90	3 1/2	2.25	3.40	4.55	5.55	6.65	7.90	8.86	11.07		11.07	11.07
101.6	4	2.60	3.90	5.15	6.33	7.60	9.00	10.20	12.70	26.50	12.70	12.70
114.3	4 1/2	2.90	4.35	5.70	7.25	8.70	10.20	11.60	14.50	35.12	14.50	14.50
127.0	5	3.25	4.85	6.45	7.92	9.50	11.30	12.66	15.82	42.00	15.82	15.82
139.7	5 1/2	3.55	5.30	7.10	8.85	10.60	12.40	14.20	17.70		17.70	17.70
152.4	6	3.85	5.80	7.70	9.50	11.40	13.50	15.20	19.00		19.00	19.00

CHAPAS GRUESAS		
MEDIDA	PULGADA	KG/MT2
3.17	1/8	24.90
4.76	3/16	37.40
6.35	1/4	49.90
7.94	5/16	62.25
9.52	3/8	74.75
12.70	1/2	99.70
15.88	5/8	124.6
19.10	3/4	149.5
22.20	7/8	174.4
25.40	1	199.4
31.70	1 1/4	249.2
38.10	1 1/2	299.1
44.40	1 3/4	348.9
50.80	2	398.8
57.15	2 1/4	448.6
63.50	2 1/2	498.5
76.20	3	598.2
101.6	4	797.6

CHAPAS FINAS		
Nº	ESPESOR	KG/MT2
12	2.76	22.26
14	2.10	16.94
16	1.65	13.27
18	1.24	10.00
20	0.89	7.15
22	0.71	5.72
25	0.50	5.00
26	0.46	4.49
27	0.42	4.10
28	0.36	2.86
30	0.30	2.45

ANTIDESLIZANTE		
	MEDIDA	KG/MT2
3.20	1/8	25.90
4.75	3/16	38.40
6.35	1/4	51.35

PERFIL C DE CHAPA				
MEDIDA			ESPESOR	KG/MT
80	50	15	1.60	2.560
			2.00	3.150
			2.50	3.990
100	50	20	1.60	2.810
			2.00	3.470
			2.50	4.390
			3.20	5.700
120	50	20	1.60	3.070
			2.00	3.790
			2.50	4.880
			3.20	6.200
140	60	20	2.00	4.590
			2.50	5.680
			3.20	7.150
160	60	20	2.00	6.140
			2.50	7.590
			3.20	9.570
180	70	20	2.00	5.590
			2.50	6.950
			3.20	8.780
200	80	30	2.00	6.590
			2.50	8.240
			3.20	10.550

PERFIL U DE CHAPA			
MEDIDA		ESPESOR	KG/MT
80	50	1.60	2.210
		2.00	2.780
100	50	1.60	2.490
		2.00	3.100
120	50	1.60	2.750
		2.00	3.420
140	60	1.60	3.260
		2.00	4.060
160	60	2.00	4.380
		3.20	6.900
180	60	2.00	4.710
		3.20	7.540
200	80	2.50	7.040
		3.20	8.950
220	80	2.50	7.440
		3.20	9.470

CAÑOS ESTRUCTURALES - PESO KG/MT

SECCIONES							ESPESORES							
PULGADAS	REDONDO	CUADRADO	RECTANGULAR				1.25	1.59	2.00	2.50	3.20	4.00	4.75	6.35
5/8	15.88	13 X 13	10 X 15				0.45	0.56						
3/4	19.05	15 X 15	20 X 10				0.55	0.68	0.84					
7/8	22.23		20 X 15	25 X 10			0.64	0.81	1.00					
1	25.40	20 X 20	25 X 15	30 X 10			0.75	0.94	1.15	1.41	1.80			
1 1/4	31.75	25 X 25	30 X 20	40 X 10			0.94	1.19	1.47	1.80	2.25			
1 1/2	38.10	30 X 30	40 X 20	50 X 10			1.14	1.44	1.78	2.19	2.75			
1 3/4	44.45	35 X 35	40 X 30	50 X 20			1.33	1.69	2.09	2.59	3.25	3.99		
2	50.80	40 X 40	50 X 30	60 X 20			1.53	1.94	2.41	2.98	3.76	4.62	5.41	
2 1/4	57.15	45 X 45	50 X 40	60 X 30			1.72	2.19	2.72	3.37	4.26	5.24	6.15	
2 1/2	63.50	50 X 50	60 X 40	70 X 30	80 X 20		1.92	2.44	3.03	3.76	4.75	5.87	6.90	8.90
2 3/4	69.85	55 X 55	60 X 50	70 X 40			2.11	2.69	3.35	4.15	5.26	6.50	7.64	9.90
3	76.20	60 X 60	70 X 50	80 X 40	90 X 30		2.31	2.94	3.66	4.54	5.76	7.12	8.39	10.90
3 1/2	88.90	70 X 70	80 X 60	90 X 50	100 X 40		2.70	3.44	4.29	5.33	6.76	8.37	9.88	12.90
3 3/4	95.25	75 X 75	110 X 40	100 X 50	90 X 60	80 X 70		3.69	4.60	5.72	7.26	9.00	10.60	13.92
4	101.6	80 X 80	100 X 60	120 X 40				3.95	4.91	6.11	7.77	9.63	11.37	14.91
4 1/2	114.3	90 X 90	100 X 80	110 X 70	120 X 60	130 X 50		4.40	5.54	6.89	8.77	10.88	12.87	16.90
5	127.0	100 X 100	120 X 80	130 X 70	140 X 60	150 X 50		5.12	6.40	7.68	9.77	12.13	14.35	18.90
5 1/2	139.7	110 X 110	140 X 80	150 X 70	120 X 100				6.80	8.50	10.77	13.39	15.84	20.90
6	152.4	120 X 120	140 X 100	150 X 90	160 X 80	170 X 70			7.40	9.20	11.77	14.64	17.33	22.90
7	177.8	140 X 140	180 X 100								13.80	17.10	20.30	26.85
7 1/2	190.5	150 X 150	200 X 100								14.60	18.40	21.76	28.85

PERFIL W

MM X KG/M	INCH X LB/FT	ALTO	ALA	ESPESOR	
				ALMA	ALA
W 150 X 13	W 6 X 8.5	100	127	4.3	4.9
W 150 X 13.5	W 6 X 9	100	128	4.3	5.5
W 150 X 18	W 6 X 12	102	171	5.8	7.1
W 150 X 22.5	W 6 X 15	152	171	5.8	6.6
W 150 X 24	W 6 X 16	102	172	6.6	10.3
W 150 X 29.8	W 6 X 20	153	203	6.6	9.3
W 150 X 37.1	W 6 X 25	154	204	8.1	11.6
W 200 X 15	W 8 X 10	100	205	4.3	6.5
W 200 X 19.3	W 8 X 13	102	254	5.8	8.0
W 200 X 22.5	W 8 X 15	102	255	6.2	8.4
W 200 X 26.6	W 8 X 18	133	256	5.8	10.2
W 200 X 31.3	W 8 X 21	134	257	6.4	5.3
W 200 X 35.9	W 8 X 24	165	140	6.2	10.2
W 200 X 41.7	W 8 X 28	166	140	7.2	11.8
W 200 X 46.1	W 8 X 31	203	177	7.2	11.0
W 200 X 52	W 8 X 35	204	178	7.9	12.6
W 200 X 59	W 8 X 40	205	179	9.1	14.2
W 200 X 71	W 8 X 48	206	180	10.2	17.4
W 200 X 86	W 8 X 58	209	181	13.0	20.6
W 250 X 17.9	W 10 X 12	101	152	4.8	6.9
W 250 X 22.3	W 10 X 15	102	153	5.8	8.4
W 250 X 25.3	W 10 X 17	102	154	6.1	10.0
W 250 X 28.4	W 10 X 19	102	190	6.4	9.1
W 250 X 32.7	W 10 X 22	146	191	6.1	11.2
W 250 X 38.5	W 10 X 26	147	192	6.6	13.0
W 250 X 44.8	W 10 X 30	148	193	7.6	5.7
W 250 X 73	W 10 X 49	254	194	8.6	14.2
W 250 X 80	W 10 X 54	255	165	9.4	15.6
W 250 X 89	W 10 X 60	256	207	10.7	17.3
W 250 X 101	W 10 X 68	257	166	11.9	19.6
W 250 X 115	W 10 X 77	259	209	13.5	22.1
W 310 X 21.0	W 12 X 14	101	166	5.1	6.7
W 310 X 23.8	W 12 X 16	101	209	5.6	8.9
W 310 X 28.3	W 12 X 19	102	210	6.0	10.8
W 310 X 32.7	W 12 X 22	102	211	6.6	9.7
W 310 X 38.7	W 12 X 26	65	228	5.8	11.2
W 310 X 44.5	W 12 X 30	66	228	6.6	13.2
W 310 X 52.0	W 12 X 35	167	229	7.6	8.5
W 310 X 97	W 12 X 65	305	230	9.9	15.4
W 310 X 107	W 12 X 72	306	324	10.9	17.0
W 310 X 117	W 12 X 79	307	325	11.9	18.7



MM X KG/M	INCH X LB/FT	ALTO	ALA	ESPESOR	
				ALMA	ALA
W 360 X 32.9	W 14 X 22	349	127	5.8	8.5
W 360 X 39.0	W 14 X 26	353	128	6.5	10.7
W 360 X 44.0	W 14 X 30	352	171	6.9	9.8
W 360 X 51.0	W 14 X 34	355	171	7.2	11.6
W 360 X 57.8	W 14 X 38	358	172	7.9	13.1
W 360 X 64.0	W 14 X 43	347	203	7.7	13.5
W 360 X 72.0	W 14 X 48	350	204	8.6	15.1
W 360 X 79.0	W 14 X 53	354	205	9.4	16.8
W 360 X 91	W 14 X 61	353	254	9.5	8.8
W 360 X 101	W 14 X 68	357	255	10.5	16.4
W 360 X 110	W 14 X 74	360	256	11.4	18.3
W 360 X 122	W 14 X 82	363	257	13.0	19.9
W 410 X 38.8	W 16 X 26	399	140	6.4	21.7
W 410 X 46.1	W 16 X 31	403	140	7.0	11.2
W 410 X 53.0	W 16 X 36	403	177	7.5	10.9
W 410 X 60.0	W 16 X 40	407	178	7.7	12.8
W 410 X 67.0	W 16 X 45	410	179	8.8	14.4
W 410 X 75.0	W 16 X 50	413	180	9.7	16.0
W 410 X 85.0	W 16 X 57	417	181	10.9	18.2
W 460 X 52.0	W 18 X 35	450	152	7.6	10.8
W 460 X 60.0	W 18 X 40	455	153	8.0	13.3
W 460 X 68.0	W 18 X 46	459	154	9.1	15.4
W 460 X 74.0	W 18 X 50	457	190	9.0	14.5
W 460 X 82.0	W 18 X 55	460	191	9.9	16.0
W 460 X 89.0	W 18 X 60	463	192	10.5	17.7
W 460 X 97.0	W 18 X 65	466	193	11.4	19.0
W 460 X 106	W 18 X 71	469	194	12.6	20.6
W 530 X 66.0	W 21 X 44	525	165	8.9	11.4
W 530 X 72.0	W 21 X 48	524	207	9.0	10.9
W 530 X 74.0	W 21 X 50	529	166	9.7	13.6
W 530 X 82.0	W 21 X 55	528	209	9.5	13.3
W 530 X 85.0	W 21 X 57	535	166	10.3	16.5
W 530 X 92.0	W 21 X 62	533	209	10.2	15.6
W 530 X 101	W 21 X 68	537	210	10.9	17.4
W 530 X 109	W 21 X 73	539	211	11.6	18.8
W 610 X 101	W 24 X 68	603	228	10.5	14.9
W 610 X 113	W 24 X 76	608	228	11.2	17.3
W 610 X 125	W 24 X 84	612	229	11.9	19.6
W 610 X 140	W 24 X 94	617	230	13.1	22.2
W 610 X 155	W 24 X 104	611	324	12.7	19.0
W 610 X 174	W 24 X 117	616	325	14.0	21.6

PERFIL IPN				
ALTURA	ALA	ESPESOR		KG/MT
		ALMA	ALA	
80	42	3.9	5.9	5.95
100	50	4.5	6.8	8.32
120	58	5.1	7.7	11.15
140	66	5.7	8.6	14.37
160	74	6.3	9.5	17.90
180	82	6.9	10.4	21.90
200	90	7.5	11.3	26.30
220	98	8.1	12.2	31.09
240	106	8.7	13.1	36.19
260	113	9.4	14.1	41.92
280	119	10.1	15.2	47.96
300	125	10.8	16.2	54.20
320	131	11.5	17.3	61.10
340	137	12.2	18.3	68.10
360	143	13.0	19.5	76.20
380	149	13.7	20.5	84.00
400	155	14.4	21.6	92.68
450	170	16.2	24.3	115.4
500	185	18.0	27.0	141.3
550	200	19.0	30.0	167.2
600	215	21.6	32.4	199.0

PERFIL UPN				
ALTURA	ALA	ESPESOR		KG/MT
		ALMA	ALA	
40	20	5	5	2.84
50	25	5	6	3.80
50	38	5	7	5.59
60	30	6	6	5.30
65	42	5.5	7.5	7.09
80	45	6	8	8.64
100	50	6	8.5	10.6
120	55	7	9	13.4
140	60	7	10	16.0
160	65	7.5	10.5	18.8
180	70	8	11	22.0
200	75	8.5	11.5	25.3
220	80	9	12.5	29.4
240	85	9.5	13	33.2
260	90	10	14	37.9
280	95	10	15	41.8
300	100	10	16	46.2
320	100	14	17.5	59.5
350	100	14	16	60.6
380	102	13.5	16	63.1
400	110	14	18	71.8

PERFIL HEB				
ALTURA	ALA	ESPESOR		KG/MT
		ALMA	ALA	
100	100	6	10	20.4
120	120	6.5	11	26.7
140	140	7	12	33.7
160	160	8	13	42.6
180	180	8.5	14	51.2
200	200	9	15	61.3
220	220	9.5	16	71.5
240	240	10	17	83.2
260	260	10	17.5	93.0
280	280	10.5	18	103
300	300	11	19	117
320	300	11.5	20.5	127
340	300	12	21.5	134
360	300	12.5	22.5	142
400	300	13.5	24	155
450	300	14	26	171
500	300	14.5	28	187
550	300	15	29	199
600	300	15.5	30	212

PERFIL IPE				
ALTURA	ALA	ESPESOR		KG/MT
		ALMA	ALA	
120	64	4.4	6.3	10.4
140	73	4.7	6.9	12.9
160	82	5.0	7.4	15.8
180	91	5.3	8.0	18.8
200	100	5.6	8.5	22.4
220	110	5.9	9.2	26.2
240	120	6.2	9.8	30.7
270	135	6.6	10.2	36.1
300	150	7.1	10.7	42.2
330	160	7.5	11.5	49.1
360	170	8.0	12.7	57.1
400	180	8.6	13.5	66.3
450	190	9.4	14.6	77.6
500	200	10.2	16.0	90.7
550	210	11.1	17.2	106
600	220	12.0	19.0	122

PERFIL UPA					
ALTURA	ALA	KG/MT	ALTURA	ALA	KG/MT
3"	38.1	6.10	8"	57.4	17.1
4"	41.3	8.04	10"	69.6	29.8
6"	50.8	12.2			