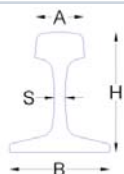
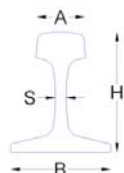


TRILHO VIGNOLE (TRILHO FERROVIARIO) - PERFIS AMERICANOS
RIEL VIGNOLE (RIEL FERREO) - PERFILES AMERICANOS
VIGNOLE RAIL (TRACK RAIL) AMERICAN PROFILES



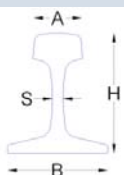
	Peso		Boleto/Hongo A		Altura H		Palm/Base B		Alma S	
	kg/m	lb/yd	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.
141RE (TR70)	69.79	141	77.79	3 1/16	188.91	7 7/16	152.40	6	17.46	11/16
136RE (TR68)	67.41	136	74.61	2 15/16	185.74	7 5/16	152.40	6	17.46	11/16
133RE	66.10	133	76.20	3	179.39	7 1/16	152.40	6	17.46	11/16
132RE	65.31	132	76.20	3	180.98	7 1/8	152.40	6	16.67	21/32
115RE (TR57)	56.90	115	69.06	2 11/16	168.28	6 5/8	139.70	5 1/2	15.88	5/8
100RE (TR50)	50.35	100	68.26	2 11/16	152.40	6	136.53	5 3/8	14.29	9/16
100AR-A	49.80	100	69.85	2 3/4	152.40	6	139.70	5 1/2	14.29	9/16
90ARA-A (TR45)	44.65	90	65.09	2 9/16	142.88	5 5/8	130.18	5 1/8	14.29	9/16

TRILHO VIGNOLE (TRILHO FERROVIARIO) - PERFIS EUROPEUS
RIEL VIGNOLE (RIEL FERREO) - PERFILES EUROPEOS
VIGNOLE RAIL (TRACK RAIL) EUROPEAN PROFILES



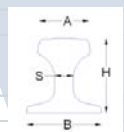
	Peso		Boleto/Hongo A		Altura H		Palm/Base B		Alma S	
	kg/m	lb/yd	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.
52 E1 (UIC54)	54.77	110.41	70.00	2 19/25	159.00	6 13/50	140.00	5 26/51	16.00	46/73
60 E1 (UIC60)	60.21	121.38	72.00	2 44/53	172.00	6 10/13	150.00	5 81/89	16.50	13/20

TRILHO LEVE - PERFIS AMERICANOS
RIEL LIGERO (PERFILES AMERICANOS)
LIGHT RAIL (AMERICAN PROFILES)



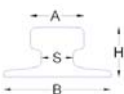
	Peso		Boleto/Hongo A		Altura H		Palm/Base B		Alma S	
	kg/m	lb/yd	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.
ASCE 80 (TR40)	39.68	80	63.50	2 1/2	127.00	5	127.00	5	13.89	35/64
ASCE 75 (TR37)	37.20	75	62.76	2 15/32	122.20	4 13/16	122.20	4 13/16	13.49	17/32
ASCE 60 (TR30)	29.76	60	60.32	2 3/8	107.95	4 1/4	107.95	4 1/4	12.30	31/64

TRILHO PARA PONTE ROLANTE E GUINDASTE - PERFIS AMERICANOS
RIEL DE GRUA (PERFILES AMERICANOS)
CRANE RAIL (AMERICAN PROFILES)



	Peso		Boleto/Hongo A		Altura H		Palm/Base B		Alma S	
	kg/m	lb/yd	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.
CR175 (TR87)	86.80	175	107.95	4 1/4	152.40	6	152.40	6	38.10	1 1/2
CR171	84.83	171	109.22	4 3/10	152.40	6	152.40	6	31.75	1 1/4
CR135	66.97	135	87.31	3 7/16	146.05	5 3/4	131.76	5 3/16	31.75	1 1/4
CR105 (TR52)	52.09	105	65.09	2 9/16	131.76	5 3/16	131.76	5 3/16	23.81	15/16
CR104	51.59	104	63.50	2 1/2	127.00	5	127.00	5	25.40	1

TRILHO PARA PONTE ROLANTE E GUINDASTE - PERFIS EUROPEUS
RIEL DE GRUA (PERFILES EUROPEOS)
CRANE RAIL (EUROPEAN PROFILES)



	Peso		Boleto/Hongo A		Altura H		Palm/Base B		Alma S	
	kg/m	lb/yd	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.	mm	polg./pulg.
A150	150.30	302.99	150.00	5.91	150.00	5.91	220.00	8.66	80.00	3.15
A120	100.00	201.59	120.00	4.72	105.00	4.13	220.00	8.66	72.00	2.83
A100	74.30	149.78	100.00	3.94	95.00	3.74	200.00	7.87	60.00	2.36
A75	56.20	113.29	75.00	2.95	85.00	3.35	200.00	7.87	45.00	1.77
A65	43.10	86.88	65.00	2.56	75.00	2.95	175.00	6.89	38.00	1.50
A55	31.80	64.11	55.00	2.17	65.00	2.56	150.00	5.91	31.00	1.22
A45	22.10	44.55	45.00	1.77	55.00	2.17	125.00	4.92	24.00	0.95

