



World Guide Rail Alliance



s p e c i f i c a t i o n s



## Standard Machined Guide Rails

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Printed in Canada

ISO 9002 certified since 1995

Monteferro America

# Standard Machined Guide Rails

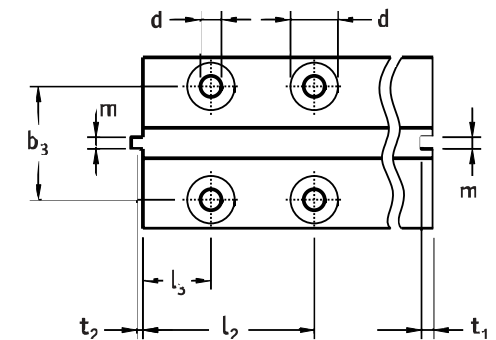
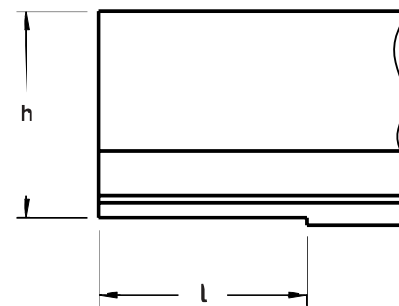
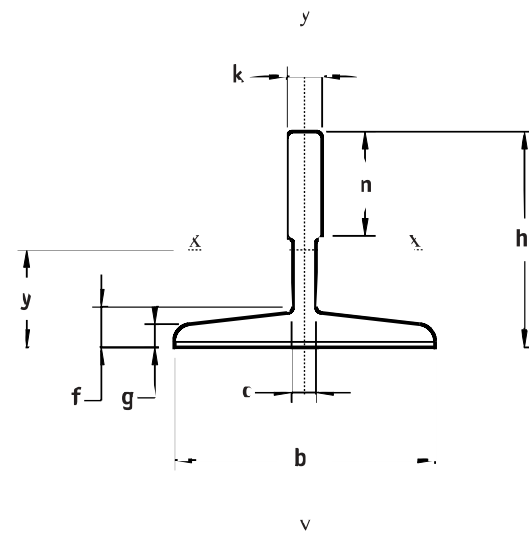


Monteferro's **Standard** guide rails are manufactured in standard lengths of 7', 8', 9' and 16'. T70 and T89 rails are also available in 10' lengths. Metric lengths of 5m and 2.5m as well as custom machined and saw cut lengths are also available.

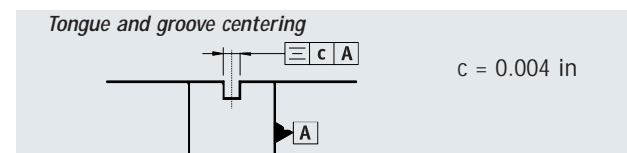
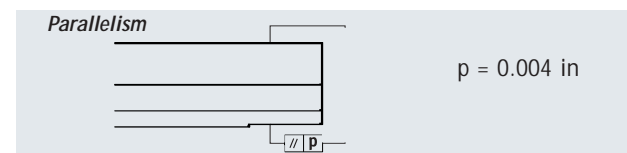
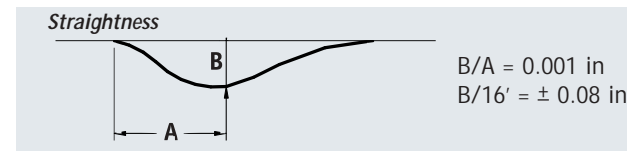
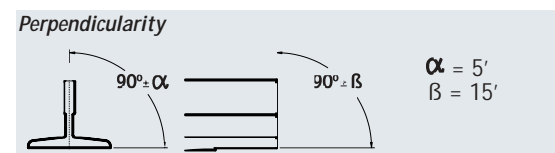
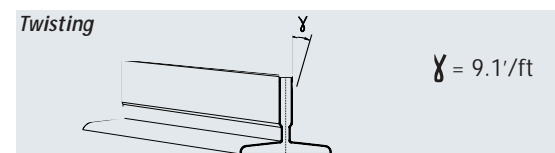
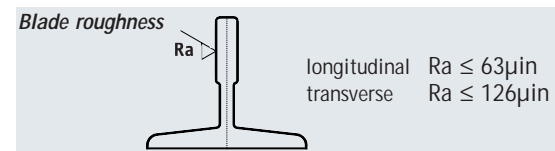
## Dimensions

All dimensions in inches unless noted.

Monteferro Code	ISO Code	q <sub>1</sub> lb/ft	b <sub>1</sub>	h <sub>1</sub>	h	k	n	c	g	f	m <sub>1</sub>	m <sub>2</sub>	t <sub>1</sub>	t <sub>2</sub>	d	d <sub>1</sub>	l	b <sub>3</sub>	l <sub>2</sub>	l <sub>3</sub>	
<b>Tolerances</b>				+/- 0.06	+/- 0.03	+/- 0.004	+0.004, -0				+0.0025, -0	+0, -0.0025	+/- 0.004	+/- 0.004					+/- 0.008	+/- 0.008	+/- 0.008
T70/B	—	6.25	2.75	1.978	1.937	0.625	1	0.375	0.313	0.4375	0.252	0.251	0.281	0.25	0.5625	N/A	6.14	1.813	4.50	1.50	
T89/B	T89/B	8.27	3.50	2.44	2.402	0.625	1.3125	0.375	0.313	0.4375	0.252	0.251	0.281	0.25	0.5625	1.024	6.14	2.250	4.50	1.50	
T114/B	—	11.12	4.50	3.50	3.465	0.625	1.5	0.375	0.313	0.4375	0.252	0.251	0.281	0.25	0.6875	1.299	6.14	2.625	4.50	1.50	
T127-1/B	T127-1/B	11.94	5.00	3.50	3.465	0.625	1.75	0.375	0.313	0.4375	0.252	0.251	0.281	0.25	0.6875	1.299	6.14	3.125	4.50	1.50	
T127-2/B	T127-2/B	15.11	5.00	3.50	3.465	0.625	2	0.375	0.500	0.625	0.252	0.251	0.281	0.25	0.6875	1.299	6.14	3.125	4.50	1.50	
T140-1/B	T140-1/B	18.55	5.50	4.25	4.213	0.748	2	0.5	0.500	0.625	0.252	0.251	0.281	0.25	0.8125	1.575	7.6	3.625	6.00	1.25	
T140-2/B	T140-2/B	22.79	5.50	4.02	3.976	1.125	2	0.6875	0.563	0.6875	0.252	0.251	0.281	0.25	0.8125	1.575	7.6	3.625	6.00	1.25	
T140-3/B	T140-3/B	30.91	5.50	5.00	4.961	1.250	2.25	0.75	0.688	1.000	0.252	0.251	0.281	0.25	0.8125	1.575	7.6	3.625	6.00	1.25	



## Tolerances



## Sectional properties

Monteferro Code	ISO Code	A in <sup>2</sup>	q <sub>1</sub> lb/ft	Y in	I <sub>xx</sub> in <sup>4</sup>	Z <sub>x</sub> in <sup>3</sup>	r <sub>x</sub> in	I <sub>yy</sub> in <sup>4</sup>	Z <sub>y</sub> in <sup>3</sup>	r <sub>y</sub> in
T70/B	—	1.79	6.25	0.67	0.66	0.52	0.60	0.62	0.46	0.59
T89/B	T89/B	2.43	8.27	0.80	1.43	0.87	0.77	1.26	0.72	0.72
T114/B	—	3.22	11.12	1.13	4.30	1.81	1.16	2.59	1.17	0.90
T127-1/B	T127-1/B	3.51	11.94	1.08	4.47	1.86	1.13	3.56	1.43	1.01
T127-2/B	T127-2/B	4.44	15.11	0.97	4.77	1.89	1.04	5.53	2.21	1.11
T140-1/B	T140-1/B	5.46	18.55	1.28	9.71	3.26	1.33	7.45	2.70	1.17
T140-2/B	T140-2/B	6.70	22.79	1.37	10.98	4.15	1.28	8.60	3.12	1.13
T140-3/B	T140-3/B	9.08	30.91	1.72	22.90	6.99	1.59	11.68	4.24	1.13