



Miniature Rail Type 1305

the USA similar miniature rail is most commonly supplied in 10 feet lengths. In general the longer the length the larger the gap between rail ends that must be left for thermal expansion and the more difficult is transport and handling. On the other hand shorter lengths mean more connections. Subject to minimum order quantities the rail can be made in any length up to 9 metres.

Options: Surface anodized to a dark brown (or any other colour). Two holes for fishplates pre-drilled at each end.

Country of origin: Australia

Availability: Small quantities are usually available in stock for pickup from NSW Central Coast or Sydney area by arrangement. Larger quantities (over about 250 metres) will be made to order and need three weeks notice and can be shipped anywhere.

Liability: As the use of this material is outside our control, it is a condition of sale that the purchaser assumes all liability for any adverse consequences arising from the use of this product.

Warranty: In the unlikely event of defective material being delivered or defects other than wear becoming apparent within 14 months) we shall replace it or refund the purchase price. In no case will our liability for defects exceed the purchase price paid.

Profile

Height	25.4 ± 0.3 mm
Width at base	25.4 ± 0.3 mm
Width at head	11.9 ± 0.2 mm
Radius of head top surface	25.4 mm

Material: Aluminium Alloy 6351 (some 6061 is available). Temper T6.

Load. Structural properties for this rail are not available. However it is intended for passenger carrying miniature railways operating on a track gauge of 185 mm or similar. This implies no noticeable deflection with a point load of about 70Kgf and an unsupported span of 180 mm.

Horizontal Curve: Radius ≥ 10 metres secured by sleepers at 250mm spacing, or about 3.5 metres with positive restraint.

Length: The rail is usually supplied in lengths of 6 metres (to replace standard length of steel bars often used as rails in Australia). Other lengths are possible. In



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