



DESIGNATOR	BASE METAL THICKNESS
RWM13a	2.67

1994

# BULLNOSE ANCHOR RAIL SECTION

## RWM13a

SHEET NO.	REF. NO.
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## SPECIFICATIONS

Corrugated sheet steel beams shall conform to the current requirements of AASHTO M180 for Class A guardrail. The section shall be manufactured from sheets with a nominal width of 483 mm. Corrosion protection may be either Type II (zinc-coated) or Type IV (corrosion resistant steel). Type IV guardrails shall be manufactured using AASHTO M270M (ASTM A709M) Grade 50W material and shall not be zinc-coated, painted or otherwise coated. The section properties listed below are for the beam element between the post bolts. Since the rail is flattened at the post bolts, the bending inertia will be negligible. This beam element is designed to buckle at the post locations at low compressive loads. Inertial properties are calculated for the whole cross-section without a reduction for the splice bolt holes.

Designator	Area ( $10^3 \text{ mm}^2$ )	$I_x$ ( $10^6 \text{ mm}^4$ )	$I_y$ ( $10^6 \text{ mm}^4$ )	$S_x$ ( $10^3 \text{ mm}^3$ )	$S_y$ ( $10^3 \text{ mm}^3$ )
RWM13a	1.3	1.0	--	23	--

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

## INTENDED USE

RWM13a guardrail beams are used in various W-beam guardrail systems.

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