



8-SPACE THREE-BEAM GUARDRAIL

THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE THE SAME AS PART RTM01a (SHT 3 of 4)

DESIGNATOR	BASE METAL THICKNESS	TOTAL LENGTH	POST SPACINGS
RTM08a	12 GAUGE [2.67]	162 1/2" [4128]	8
RTM08b	10 GAUGE [3.43]	162 1/2" [4128]	8



RTM08a-b

SHEET NO.

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## SPECIFICATIONS

Corrugated sheet thrie beam guardrail shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 29½” [750]. RTM08a shall conform to AASHTO M180 Class A and RTM08b shall conform to Class B. Thrie beams may be either Type III (zinc-coated) or Type IV (corrosion resistant steel). Corrosion resistant steel should conform to ASTM A606 for Type IV material and shall not be zinc-coated, painted or otherwise treated. Inertial properties are calculated for the whole cross-section without a reduction for the splice bolt holes or slots.

Designator	Area in. <sup>2</sup> [10 <sup>3</sup> mm <sup>2</sup> ]	I <sub>x</sub> in. <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	I <sub>y</sub> in. <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	S <sub>x</sub> in. <sup>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]	S <sub>y</sub> in. <sup>4</sup> [10 <sup>3</sup> mm <sup>3</sup> ]
RTM08a	3.16 [2.0]	3.8 [1.6]	--	2.22 [36.4]	--
RTM08b	4.03 [2.6]	4.8 [2.0]	--	2.87 [47.0]	--

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

The 8-space thrie beam guardrail is used in the W-beam to thrie beam transition with standard posts (STG03a-b).



## 8-SPACE THRIE-BEAM GUARDRAIL



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