



DESIGNATOR	BASE METAL THICKNESS	SLOT SPACING "X"	TOTAL LENGTH	POST SPACINGS
RTM18a	12 GAUGE	37 1/2" [953]	87 1/2" [2223]	2
RTM18b	10 GAUGE	37 1/2" [953]	87 1/2" [2223]	2
RTM19a	12 GAUGE	18 3/4" [476]	87 1/2" [2223]	4
RTM19b	10 GAUGE	18 3/4" [476]	87 1/2" [2223]	4

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

### 2- & 4-SPACE THRIE-BEAM GUARDRAIL



## RTM18a-19b

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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 29.5" [750]. RTM18a and RTM19a shall conform to AASHTO M180 Class A and RTM18b and RTM19b shall conform to Class B. Thrie beams may be either Type II (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	Base Metal Thickness Gauge[mm]	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> ]
RTM18a-19a	12 [2.67]	3.16 [2.0]	3.8 [1.6]	--	2.22 [36.4]	--
RTM18b-19b	10 [3.43]	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 2-space thrie beam guardrail is used in the STG02 W-beam to thrie beam transition. The 4-space thrie beam guardrail is used in the STG03a-b W-beam to thrie beam transition with standard posts.

## CONTACT INFORMATION

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## 2- & 4-SPACE THRIE-BEAM GUARDRAIL



RTM18a-19b

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