

THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE SHOWN ON SHEET 3.

DESIGNATOR	BASE METAL THICKNESS	TOTAL LENGTH	POST SPACINGS
RTM01a	12 GAGE [2.77]	87-1/2 [2225]	1
RTM01b	10 GAGE [3.42]	87-1/2 [2225]	1
RTM02a	12 GAGE [2.77]	162-1/2 [4130]	2
RTM02b	10 GAGE [3.42]	162-1/2 [4130]	2

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1- & 2-SPACE THREE-BEAM GUARDRAIL

RTM01a-02b

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SPECIFICATIONS

Corrugated sheet steel beams shall conform to the current requirements of AASHTO M 180. The section shall be manufactured from sheets with a nominal width of 29.5 inches [750 mm]. Guardrails RTM01a and RTM02a shall conform to AASHTO M 180 Class A, and RTM01b and RTM02b shall conform to Class B. Thrie beams may be either Type II (galvanized) or Type IV (corrosion-resistant steel). Corrosion-resistant steel shall conform to AASHTO M 222/M 222M (ASTM A 588/A 588 M) and shall not be galvanized, painted or otherwise coated.

Designator	Area in ² [10 ³ mm ²]	I _x in ⁴ [10 ⁶ mm ⁴]	I _y in ⁴ [10 ⁶ mm ⁴]	S _x in ³ [10 ³ mm ³]	S _y in ³ [10 ³ mm ³]
RTM01a-02a	3.10 [2.0]	3.84 [1.6]	--	2.22 [36.4]	--
RTM01b-02b	4.03 [2.6]	4.80 [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 thrie beam is the main rail element in the SGR09a-c strong-post thrie-beam guardrails and the SGM09a-c median barriers.

1- & 2-SPACE THRIE-BEAM GUARDRAIL

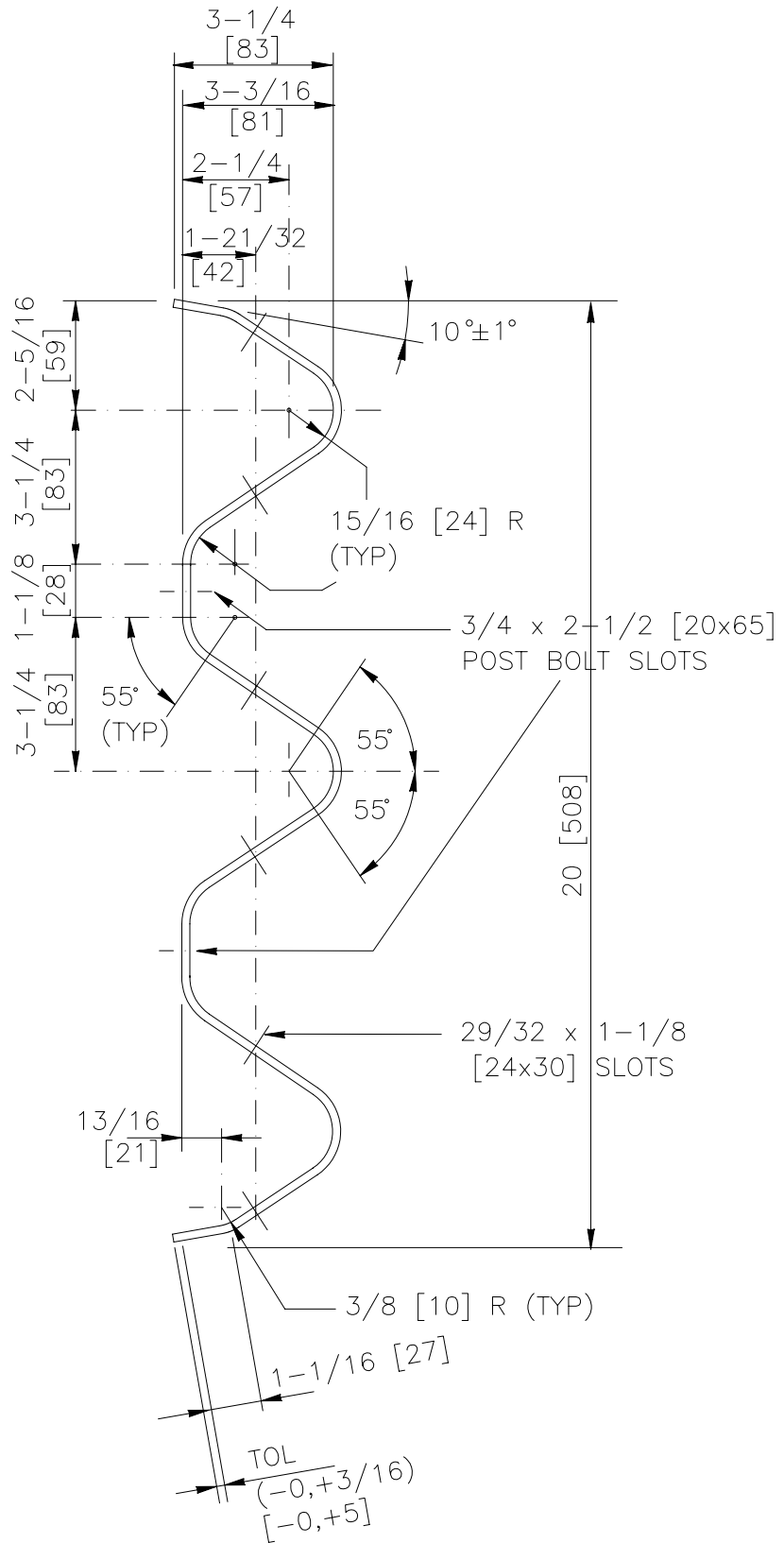
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