



DESIGNATOR	BASE METAL THICKNESS	TOTAL LENGTH	POST SPACINGS
ABC##	12 GAUGE [2.67]	162 1/2" [4128]	4

THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE THE SAME AS PART RWM02a (SHT 3 OR 4).

### MGS TERMINAL RAIL SECTION



ABC##

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## SPECIFICATIONS

Corrugated sheet W-beam guardrail shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 19" [483]. ABC## shall conform to AASHTO M180 Class A. Corrosion protection may be either Type I or 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 a whole cross-section without a reduction for the splice bolt holes

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>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]
ABC##	2.02 [1.3]	2.40 [1.0]	--	1.40 [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

This corrugated sheet steel beam is to be used as the last rail element in the trailing-end anchorage system (SEW31). The FPA01 cable anchor bracket is attached to the ABC## terminal rail using eight 1 1/2" [40-mm] long FBX16a bolts and nuts.

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