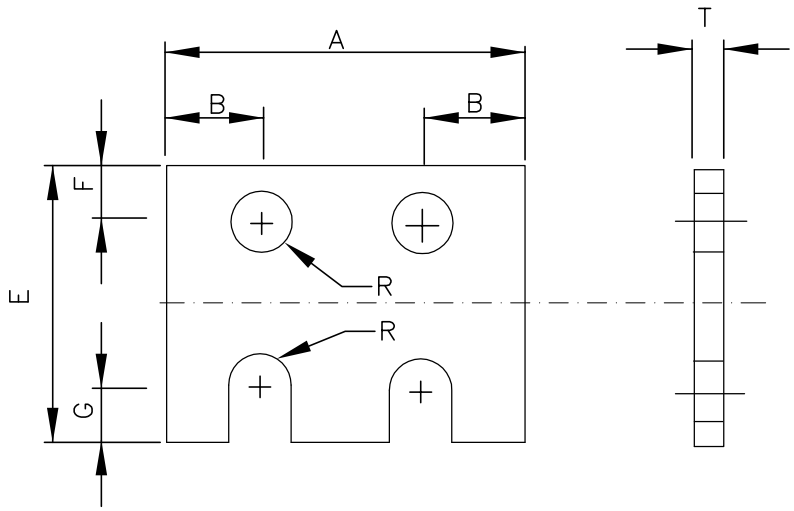

	BOLT	POST	A	B	E	F	G	R	T
FPP21	FBX12b	PWF11	2½ [60]	½ [11]	14½ [368]	3⅝ [92]	½ [14]	¼ [7]	6/16 [10]
FPP22	FBX16b	PWF12	4 [100]	⅞ [22]	14½ [368]	3⅝ [92]	½ [14]	5/16 [9]	6/16 [10]
FPP23	FBX20b	PWF13	6½ [165]	1½ [38]	16½ [420]	4⅛ [105]	9/16 [15]	7/16 [11]	½ [12]
FPP24	FBX25b	PWF14	8 [204]	1¼ [32]	18½ [472]	4⅝ [118]	10/16 [16]	½ [14]	10/16 [16]
FPP25	FBX25b	PWF15	10 [254]	2¼ [57]	22 [560]	5½ [140]	12/16 [20]	½ [14]	12/16 [20]

FUSE PLATE

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SPECIFICATION

Fuse plates shall be manufactured using AASHTO M183M (ASTM A36M) steel plate. After all cutting and drilling is complete the plate shall be zinc coated according to AASHTO M111 (ASTM A123).

INTENDED USE

Fuse plates are used in several slipbase sign support designs that use structural wide-flange shapes as sign posts. The fuse plate is used to connect a sign post to the upper sign post. The connections located at least 2100 mm above the ground and just below the sign. During an impact the fuse plate (the plate with two slots) releases from the impact (tension) side of the sign post. The compression flange of the sign post deforms plastically allowing the sign post to rotate up and let the vehicle pass underneath. The nuts (lubricated) on the bolts connecting the fuse and hinge plates to the wide flange shape must be tightened to the appropriate torque to achieve proper breakaway performance.

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.

FUSE PLATE

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