

PRODUCT SUBMITTAL



Tying Masonry to Steel

Description:

Type I and II Anchors

Individual or continuous ties weld-on to steel column or screw-on to metal studs. Type I available in 1/4" wire. Type II available in 12 ga. (plate). Finishes: mill galvanized, hot dip galvanized, stainless steel.

Triangular Ties

Constructed of steel wire meeting ASTM A 82. Available in 3/16" (standard) or 1/4" diameter (heavy duty). Finishes: mill galvanized, hot dip galvanized, stainless steel.

Brick Institute of America and ACI 530 do not recommend ties with formed drips. Tests have shown that drips can reduce the ultimate buckling load by approximately 50%.

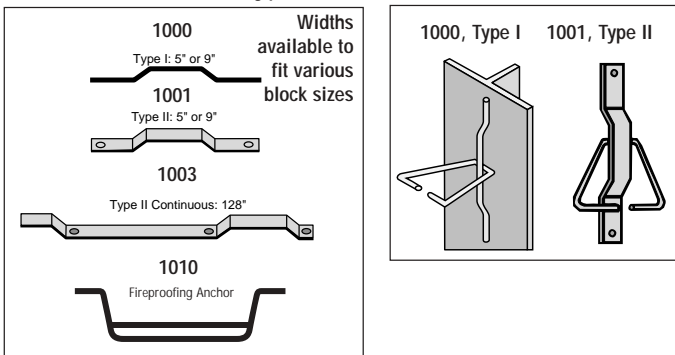
Beam Tie

Constructed of steel wire meeting requirements of ASTM A 82. Available in 3/16" or 1/4" wire. Finishes: mill galvanized, hot dip galvanized, and stainless steel.

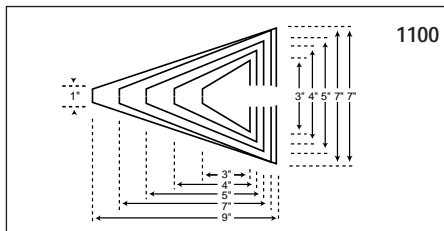
Fire-Proofing Anchor

Permits spray-on of fire-proofing foam. Available in 1/4" or 5/8" diameter. Mill galvanized and hot dip finish available. Offset varies. (see bottom anchor below)

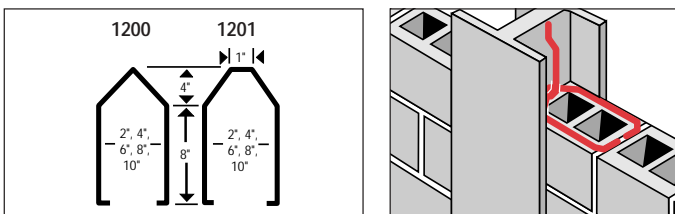
Type I and II Anchors



Triangular Ties



Beam Ties



Specifications:

All wire conforms to:

ASTM A641 - (Mill galvanized wire)	ASTM A951-96 - (Masonry wall reinforcing)
ASTM A153 Class B2 - (Hot dipped after fabrication)	ASTM 580 Type 304 - (Stainless steel)
ASTM A 82 - (Cold drawn steel wire)	ACI/ASCE 530 -(Building code requirements for masonry structures)

Wire Gauges:

	Side Rods	Cross Rods
Standard	9 Gauge (.148 in)	9 Gauge
Heavy Duty	3/16" (.187 in)	9 Gauge

Finishes:

	Uncoated
Plain	Zinc Coated (0.10 oz per sq ft)
Mill Galvanized	Zinc Coated ASTM A 153 Class B2(1.50 oz per sq ft)
Hot Dipped Galvanized After Fabrication	ASTM 580 Type 304
Stainless Steel	

Class I ASTM A641 (0.4 oz/ft²) and Class III (0.8 oz/ft²) are no longer recommended by ASI 530 for interior walls. Epoxy coating is not recommended as a protected coating for joint reinforcement, anchors and ties. Manufacturer recommends Stainless Steel Type 304 for maximum corrosion protection.

Approvals:

Comments:

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