

# Foundation Connectors



## Purlin Anchors

### PA Series



#### PRODUCT FEATURES:

Holdowns (HD) are used to resist uplift forces due to wind or overturning of shear walls. These are available in various sizes to meet the light to heavy load requirements using nails, screws and bolts as fasteners. Other HD applications include purlin-to-purlin, Concrete/ Masonry walls to decking or flooring attachments.

#### MATERIAL:

See Allowable Loads Table.

#### COATING:

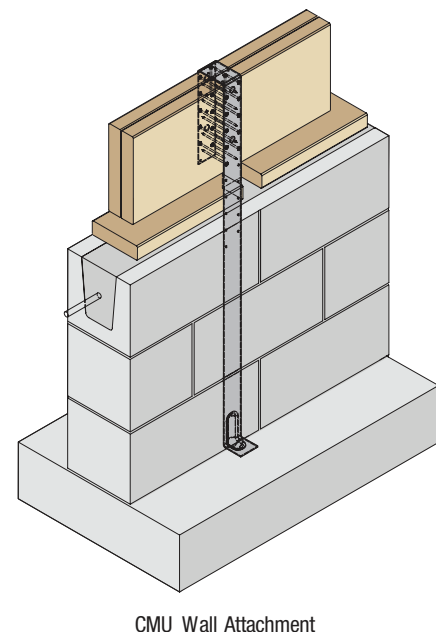
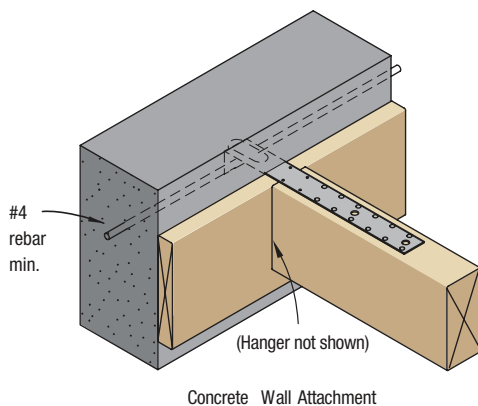
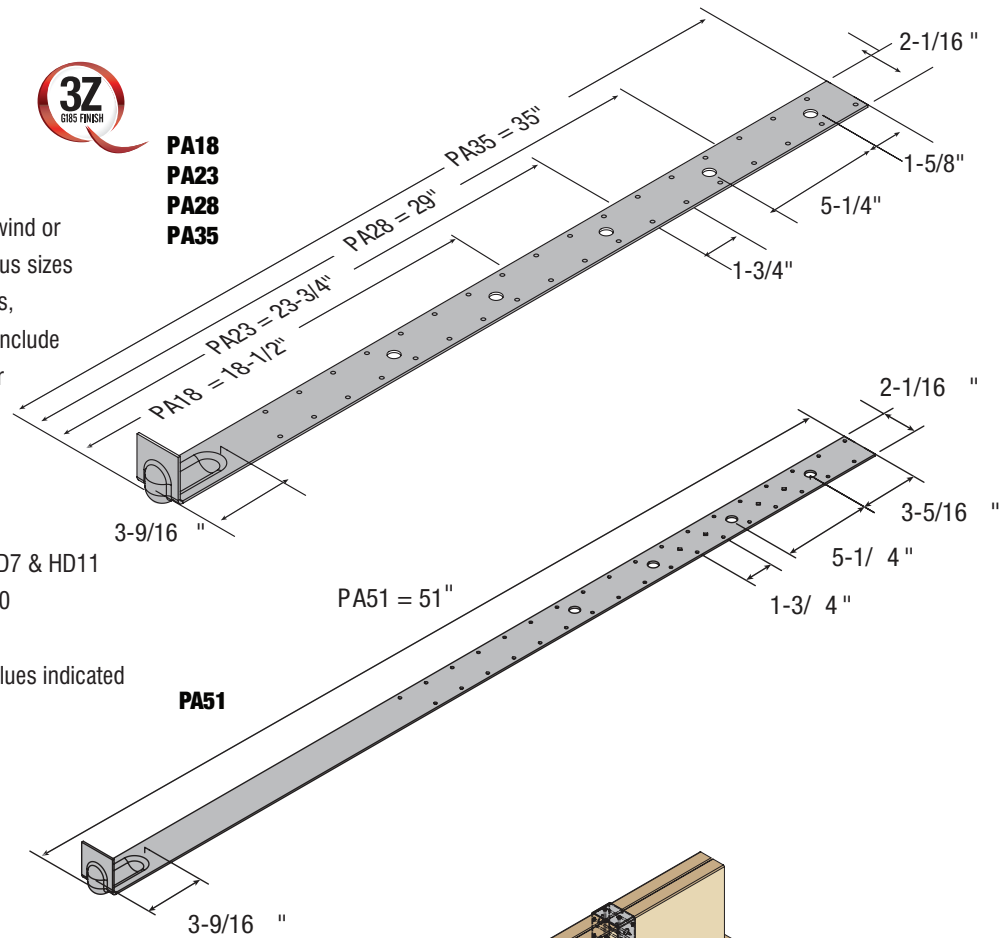
Galvanized (G185) - LTT20B, HDTT, HDTT45, HD5, HD7 & HD11  
 Spray Painted Primer (gray) - HD12, HD14, & HD15/20

#### INSTALLATION:

- Use all specified fasteners in schedule to achieve values indicated

#### CODE COMPLIANCE:

TER 0910-01; FL 3557



## ALLOWABLE TENSION LOADS FOR PURLIN ANCHORS (LB)<sup>1\*</sup>

Part Name	Strap Length, L (in.)	Embedment Length, L <sub>g</sub> (in.)		Fasteners		Allowable Tension Loads (lb) <sup>*</sup>	
						SP / DF-L (SG = 0.50)	
		Concrete	CMU	Qty	Nail tSP / DF-L (SG = 0.50)ype	Concrete	CMU
PA18	18-1/2	4	6	12	10d (0.148 x 3")	2,430	1,890
PA23	23-3/4	4	6	16	10d (0.148 x 3")	3,220	2,815
PA28	29	4	6	16	10d (0.148 x 3")	3,230	2,815
PA35	35	4	6	16	10d (0.148 x 3")	3,230	2,815
PA51	51	4	6	10	10d (0.148 x 3")	2,025	2,815
				26	10d (0.148 x 3")	5,410	5,410

### NOTES:

1. Nails designated as 10d shall be 10d common nails (0.148" x 3", F<sub>y</sub> = 90,000 psi).

\*Allowable loads per NDS nail calculations, call QT for code approval information.