EMBEDDED TRUSS ANCHOR STRAPS (METAS/HETAS)

PRODUCT FEATURES:

QuickTie™ Embedded Truss Anchor Straps (METAS/HETAS) are used for roof truss to concrete or CMU wall attachments.

MATERIAL:

METAS Series - 18 Gauge
HETAS Series - 16 Gauge

COATING:

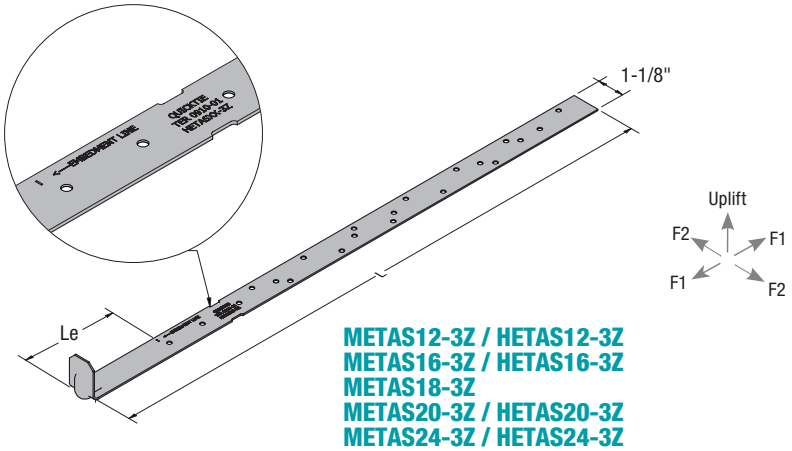
Galvanized (G185)

INSTALLATION:

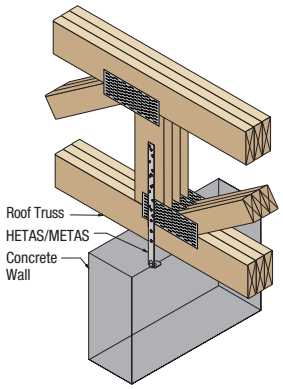
- Use all specified fasteners in schedule to achieve the values indicated.
- METAS/HETAS Series requires a minimum of 4" embedment into the concrete and CMU walls.

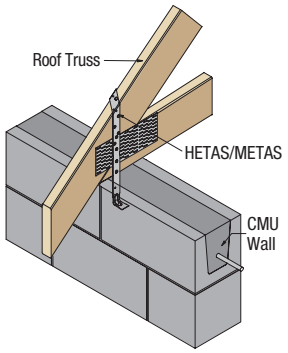
CODE COMPLIANCE:

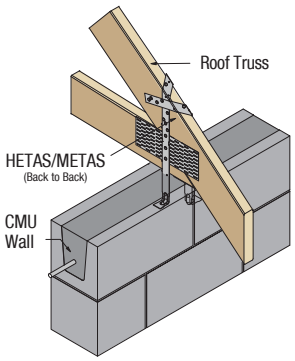
TER 0910-01; FL 3557

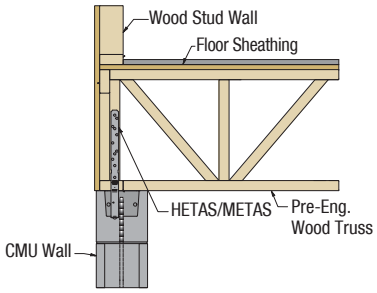


METAS12-3Z / HETAS12-3Z
METAS16-3Z / HETAS16-3Z
METAS18-3Z
METAS20-3Z / HETAS20-3Z
METAS24-3Z / HETAS24-3Z
METAS40-3Z / HETAS40-3Z









ALLOWABLE LOADS FOR EMBEDDED TRUSS ANCHOR STRAPS (LB)[1,2,3,4,5]

Part No.	Length, L (in.)	Embed Length, L_e (in.)		Fasteners		Allowable Loads (LB) - Southern Pine (SG = 0.55, C_D = 1.6)											
						Single Anchor						Double Anchor					
						CMU			Concrete			CMU			Concrete		
		Concrete	CMU	Qty	Nail Type	Uplift	F1	F2	Uplift	F1	F2	Uplift	F1	F2	Uplift	F1	F2
METAS12-3Z	12	4	4	7	10dx1-1/2 (0.148 x 1.5")	1,445	340	760	1,445	340	760	2,890	1,335	1,140	2,890	1,335	1,140
METAS16-3Z	16	4	4	9	10dx1-1/2 (0.148 x 1.5")	1,600	440	760	1,600	440	760	3,195	1,375	1,140	3,195	1,375	1,140
METAS18-3Z	18																
METAS20-3Z	20																
METAS24-3Z	24																
METAS40-3Z	40																
HETAS12-3Z	12	4	4	7	10dx1-1/2 (0.148 x 1.5")	1,475	340	760	1,475	340	760	2,950	1,335	1,140	2,950	1,335	1,375
HETAS16-3Z	16	4	4	9	10dx1-1/2 (0.148 x 1.5")	1,895	440	760	1,895	440	760	3,325	1,375	1,140	3,175	1,405	1,375
HETAS20-3Z	20																
HETAS24-3Z	24																
HETAS40-3Z	40																

NOTES:

1. Allowable loads are provided for load duration factor (C_D) of 1.6. No further increase is permitted.
2. Minimum specified compressive strength of grout is 2,000 psi and minimum edge distance for CMU installation is 2 in.
3. Minimum specified compressive strength of concrete is 2,500 psi and minimum edge distance for concrete installation is 1.5".
4. Loading in F1 direction indicates shear forces parallel to the plane of the concrete/CMU wall.
5. Loading in F2 direction indicates shear forces perpendicular to the plane of the concrete/CMU wall.