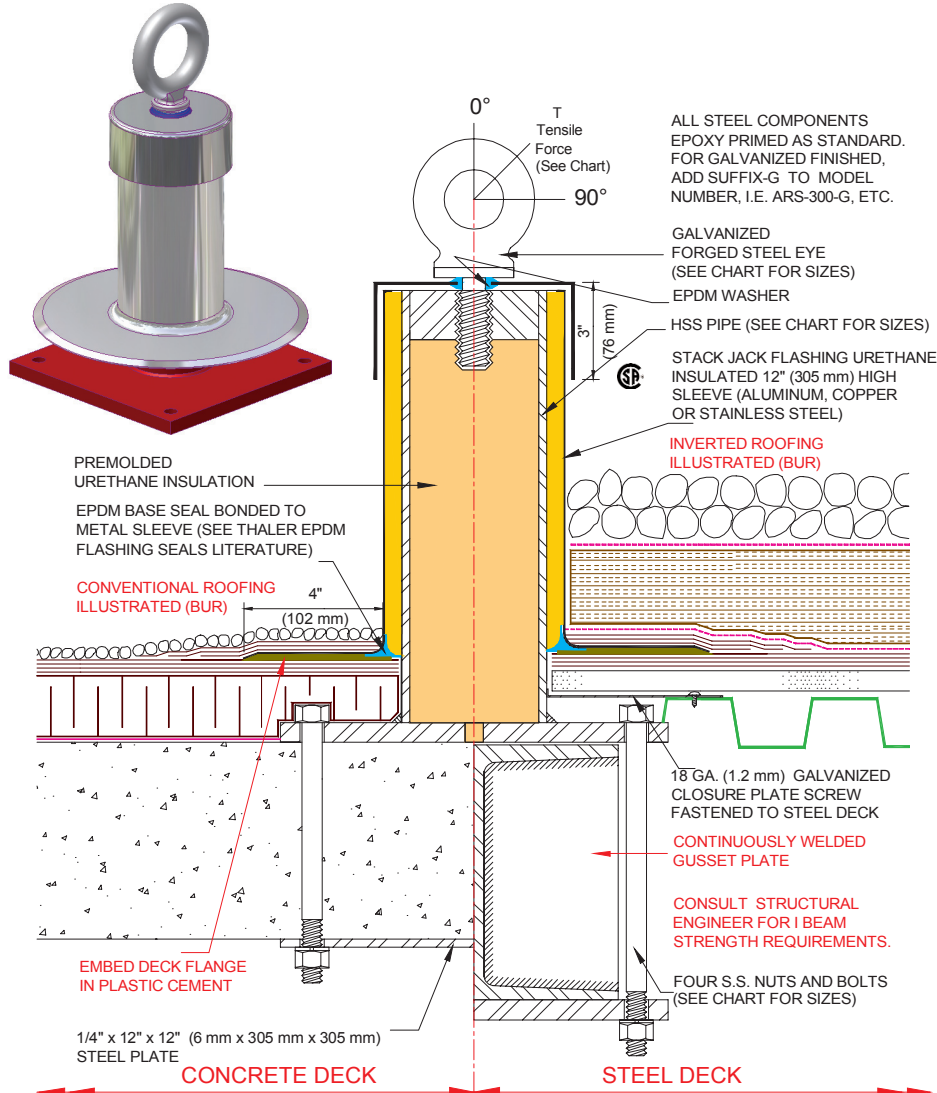


ARS-300 GUY WIRE ROOF SUPPORTS

MODEL NUMBER	HSS SUPPORT PIPE			EYE BOLT			BASE PLATE		FASTENING BOLT Ø	MAXIMUM ALLOWABLE TENSILE FORCE LBS. (kN)				
	Height	Outside Ø	Thickness	Inside Ø	Outside Ø	Thread Ø	Bolt Securement	Weld Securement		0°	30°	45°	60°	90°
ARS-300	14" (356 mm)	2-3/8" (60 mm)	1/4" (6 mm)	1" (25 mm)	2-1/4" (57 mm)	1/2" (12 mm)	1/4" X 12" X 12" (6 X 305 X 305 mm)	3/8" X 4" X 4" (9 X 102 X 102 mm)	3/8" (10 mm)	2200 (9.8)	0850 (3.8)	0660 (2.9)	0600 (2.7)	0550 (2.5)
ARS-301	14" (356 mm)	3-1/2" (87 mm)	1/4" (6 mm)	1-1/2" (38 mm)	3" (76 mm)	3/4" (19 mm)	3/8" X 12" X 12" (10 X 305 X 305 mm)	3/8" X 4" X 4" (9 X 102 X 102 mm)	1/2" (12 mm)	5200 (23.1)	2200 (9.8)	1560 (6.9)	1456 (6.5)	1300 (5.8)
ARS-302	14" (356 mm)	4-1/2" (113 mm)	1/4" (6 mm)	2" (50 mm)	3-3/4" (95 mm)	1" (25 mm)	1/2" X 12" X 12" (12 X 305 X 305 mm)	1/2" X 6" X 6" (12 X 152 X 152 mm)	5/8" (16 mm)	10000 (44.5)	3900 (17.4)	3000 (13.3)	2800 (12.5)	2500 (11.2)
ARS-303	14" (356 mm)	4-1/2" (113 mm)	1/4" (6 mm)	3" (76 mm)	5-1/4" (133 mm)	1-1/2" (38 mm)	3/4" X 12" X 12" (19 X 305 X 305 mm)	5/8" X 8" X 8" (16 X 203 X 203 mm)	3/4" (19 mm)	21000 (93.5)	7200 (32)	5300 (23.5)	4500 (20)	4000 (17.8)
ARS-304	14" (356 mm)	6-5/8" (166 mm)	5/16" (8 mm)	4" (102 mm)	7" (178 mm)	2" (51 mm)	1" X 12" X 12" (25 X 305 X 305 mm)	3/4" X 8" X 8" (19 X 203 X 203 mm)	3/4" (19 mm)	38000 (169)	16000 (71.2)	11400 (50.7)	10900 (48.5)	9700 (43.2)



ARS-300, 301, 302, 303, AND 304 GUY WIRE ROOF SUPPORTS
PATENTED

INSTALLATION

"Installation instructions" are provided with every Thaler product. Essentially, the Thaler ARS-300 selection of Roof Supports are installed by fastening the mounting plate to the structural roof deck, placing the flashing sleeve over the support and roof membrane, installing the steel cap/guy wire ring, and as follows:

BUR: Set flashing deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flashing deck flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set flashing deck flange in layer of membrane adhesive and extend single ply up sleeve to top of metal flashing and then screw cap down over single ply. Note: for PVC membrane, specify PVC coated aluminum, etc. flashing deck flange by adding suffix P to end of model number e.g. ARS-300-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with a bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Guy Wire Ring: Thread upper portion of support (with ring) onto lower support leg and attach guy wire (by others).

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. ARS-300-A. for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

DESCRIPTION

Thaler ARS-300 selection of Guy Wire Supports consist of urethane insulated, epoxy primed, hollow steel support, mounting plate, and galvanized guy wire ring. A urethane insulated flashing, available in aluminum, copper, or stainless steel, with EPDM Base Seal, completes the assembly. Five different models are available to suit a range of structural requirements.

Prominent Features: Condensation free. Maintenance free (never needs caulking).

Options: PVC coated flashing deck flange for PVC roof membrane. Bituminous painted flashing deck flange for BUR and ModBit roof membrane. See Thaler ARS-350 selection of wall mounted guy wire supports.

RECOMMENDED USE

Suitable for all flat roofs as a support for chimney stacks, high antennas and similar rooftop items requiring guy wire stabilization.

WARRANTY

20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request

MAINTENANCE :

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Guy wire roof supports: Thaler [ARS-300] [ARS-301] [ARS-302] [ARS-303] [ARS-304] epoxy coated, urethane insulated hollow steel support, including appropriate fastening to structural roof deck (adhesive type by others), and steel ring with galvanized eye and stainless steel cap for affixing guy wire (by others); manufacturer's standard urethane insulated [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz.copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel] flashing and EPDM Base Seal and [PVC coated deck flange][bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

