



STANDARD 45G GUYED TOWER

ROHN 45G
The first. The original.



45G

GENERAL USE

The 45G is a true multi-use structure that provides excellent strength for applications up to 300'. It is offered with heavy steel round legs to satisfy a variety of needs under varied conditions.

FEATURES

- Completely hot-dip galvanized after fabrication
- Built on a 16 3/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag® cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

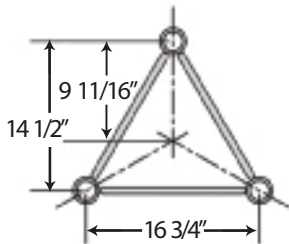
CAUTION

Mixing copies of ROHN towers with ROHN towers is dangerous and voids all engineering and warranty data supplied by ROHN. Materials used by others are not the same quality and have not been tested or engineered by ROHN. Mixing ROHN tower sections with non-ROHN products may cause tower failure or injury.

Per Rev G requirements, any structure greater than 10' requires a climber safety device. Please see page 65 for ordering information.



STANDARD 45G GUYED TOWER SECTIONS



QUICK REFERENCE

PARTS & ACCESSORIES

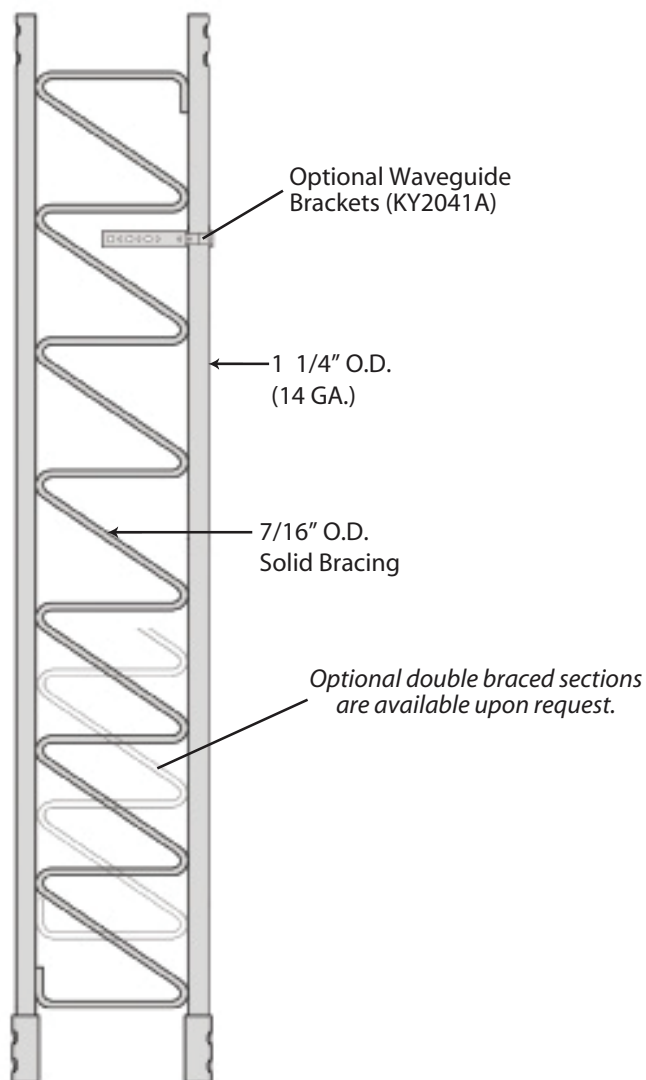
PAGES 63-65

GROUNDING INFORMATION

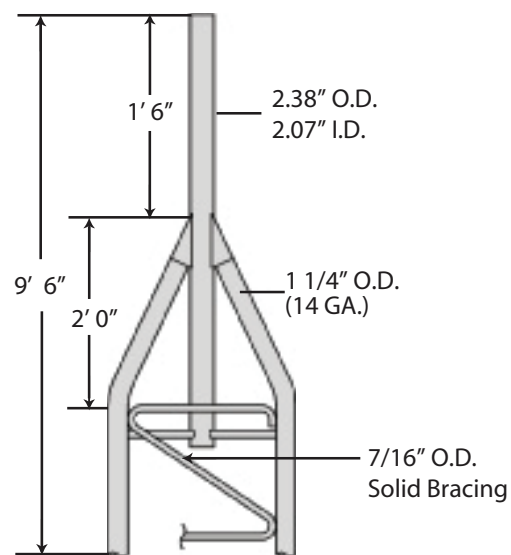
PAGE 66

FOUNDATION INFORMATION

PAGES 66-69

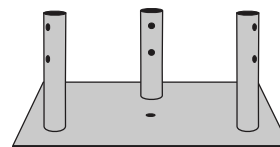


**STANDARD SECTION
45G - 10' Section**



**STANDARD TOP SECTION
45AG2**

Additional 45G top sections are shown on page 63.



**CONCRETE BASE PLATE
BPC45G***

FOR USE WITH 3/4X12PP PIER PIN
EMBEDDED IN CONCRETE.

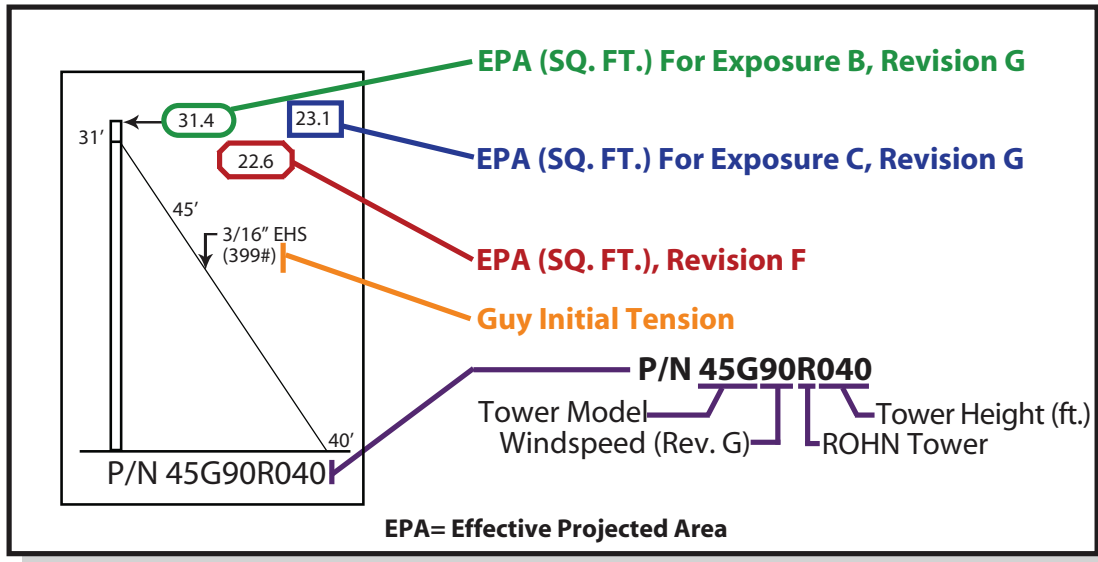
Additional base sections are available, please see page 64.

* Towers mounted on these bases must be bracketed or guyed at all times. Temporary steel guying may also be necessary during installation and dismantling.



BUYERS GUIDE STANDARD DESIGNS - 45G 90MPH REV. G [3-SECOND GUST] 70MPH REV. F [FASTEST MILE]

Design Criteria



This document is to serve as a guide for sizing and purchasing the 45G tower. Tower and foundation installations should be performed by qualified and experienced personnel using assembly drawings provided with each tower.

DESIGN NOTES:

1. Tower designs are in accordance with ANSI/TIA-222-F and ANSI/TIA-222-G, Class I Structures, Topographic Category 1.
2. Design assumes towers are installed on level ground. Lower EPA values will apply for roof mounted towers or for sites located on unusual terrain.
3. Designs assume two 1/2" diameter lines on each tower face.
4. Anchor radius is from tower base to intersection of anchor rod with ground.
5. Guy chord lengths shown are based on level ground. Initial tensions for guys are shown in () in pounds at 60° Fahrenheit.
6. Antenna and mounts are assumed symmetrically placed at the tower top.

PARTS LIST NOTES:

1. Items listed are required for complete guyed towers.
2. Base and anchor foundations listed refer to standard foundation designations.
3. Guys provided with each standard tower are based on level ground conditions with an additional 6% length.
4. Rev G anchor grounding (AGK1GGX) and base grounding (BGK3GGX) are included with the tower material.
5. Assembly drawings and a safety package (P/N: ACWS) are included with each tower.
6. Parts lists are subject to change based on availability or revised design criteria.

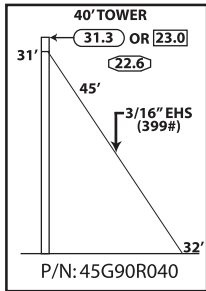
FOR FOUNDATION INFORMATION, PLEASE SEE PAGES 66-69.

FOR GENERAL INSTALLATION INFORMATION, PLEASE SEE PAGES 147-153.



STANDARD DESIGN - 45G

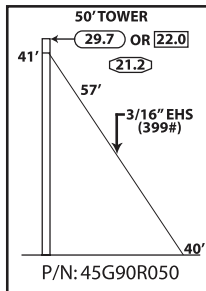
90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	3	1	1	1	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	150'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

40' ROHN 45G

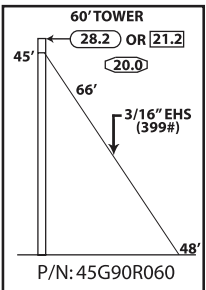
All parts shown in table are included when ordering
Part No: 45G90R040



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	4	1	1	1	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	200'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

50' ROHN 45G

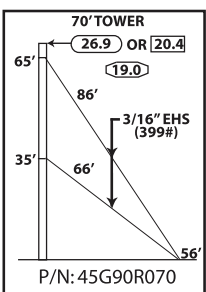
All parts shown in table are included when ordering
Part No: 45G90R050



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	5	1	1	1	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	225'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

60' ROHN 45G

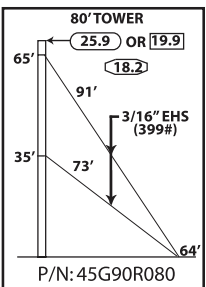
All parts shown in table are included when ordering
Part No: 45G90R060



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	6	1	1	2	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	500'	12	12	6	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

70' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R070



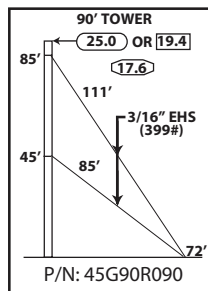
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	7	1	1	2	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	525'	12	12	6	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

80' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R080



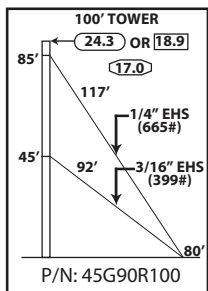
STANDARD DESIGN - 45G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	8	1	1	2	BASE CB1G	ANCHOR AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	625'	12	12	6	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

90' ROHN 45G

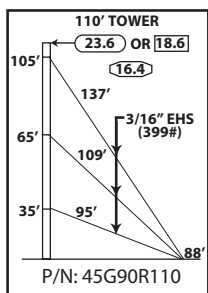
All parts shown in table are included when ordering
Part No: 45G90R090



TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS		
	9		1		1		2		BASE	ANCHOR	
									CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J				
	300'	375'	6	6	6	6	6				
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK3GGX		CPC.5/.75		3/4x12PP		TBSAFETY
	3		1		3		3		1		3

100' ROHN 45G

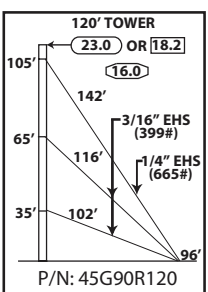
All parts shown in table are included when ordering
Part No: 45G90R100



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	10	1	1	3	BASE CB1G	ANCHOR AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	1100'	18	18	9	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

110' ROHN 45G

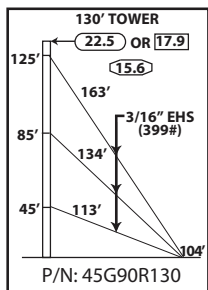
All parts shown in table are included when ordering
Part No: 45G90R110



TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS	
									BASE	ANCHOR
	11		1		1		3		CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS		1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J		
	700'		475'	12	6	12	6	9		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK3GGX		CPC.5/.75	3/4x12PP		TBSAFETY
	3		1		3		3	1		3

120' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R120



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	12	1	1	3	BASE CB1G	ANCHOR AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	1325'	18	18	9	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

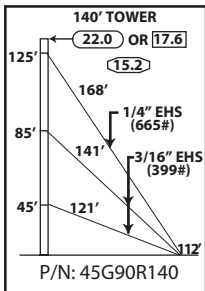
130' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R130



STANDARD DESIGN - 45G

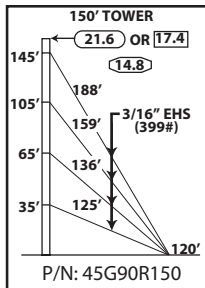
90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
					BASE	ANCHOR	
	13	1	1	3	CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	850'	550'	12	6	12	6	9
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

140' ROHN 45G

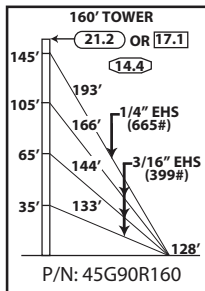
All parts shown in table are included when ordering
Part No: 45G90R140



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
					BASE	ANCHOR
	14	1	1	4	CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	1950'	24	24	12	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

150' ROHN 45G

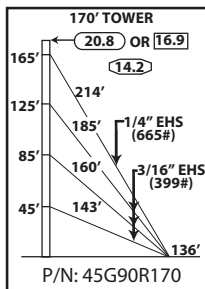
All parts shown in table are included when ordering
Part No: 45G90R150



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
					BASE	ANCHOR	
	15	1	1	4	CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	1425'	625'	18	6	18	6	12
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

160' ROHN 45G

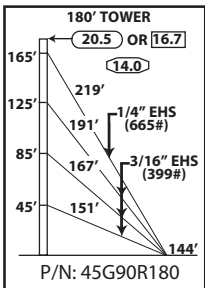
All parts shown in table are included when ordering
Part No: 45G90R160



TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS	
									BASE	ANCHOR
	16		1		1		4		CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J			
	1575'	700'	18	6	18	6	12			
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP		TBSAFETY		
	3		1	3	3	1		3		

170' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R170



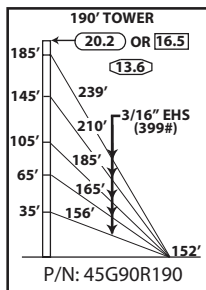
TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS					
									BASE	ANCHOR				
	17		1		1		4		CB1G	AB2				
GUYS & CONNECTIONS INCLUDED	3/16EHS		1/4EHS		BG2142		BG2144		5/16THH		3/8THH		1/2TBE&J	
	1625'		700'		18		6		18		6		12	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK3GGX		CPC.5/.75		3/4x12PP		TBSAFETY			
	3		1		3		3		1		3			

180' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R180

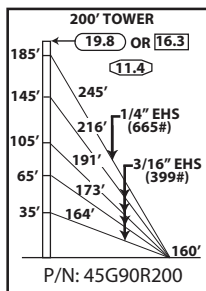


STANDARD DESIGN - 45G 90MPH REV. G, 70MPH REV. F



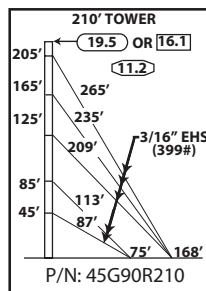
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	18	1	1	5	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
	3050'	30	30	15	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

190' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G90R190



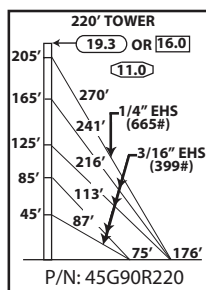
TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	FDNS		
					BASE	ANCHOR	
	20	1	1	5	CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	2375'	800'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

200' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G90R200



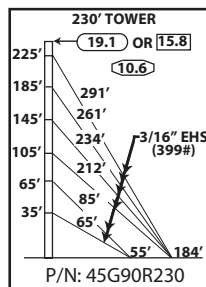
TOWER PARTS INCLUDED	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	21	1	1	5	CB2G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY		
	2900'	30	30	15	6		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP		
	6	2	3	6	1		

210' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G90R210



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	22	1	1	5	CB2G	AB1	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	2100'	875'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

220' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G90R220



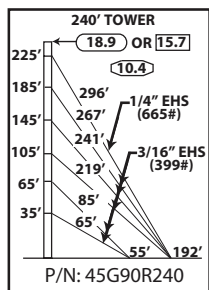
TOWER PARTS INCLUDED	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	23	1	1	6	CB2G	AB1	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY		
	3675'	36	36	18	6		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP		
	6	2	3	6	1		

230' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G90R230



STANDARD DESIGN - 45G

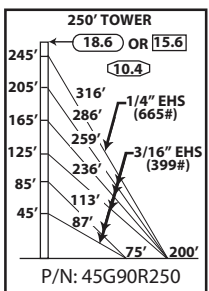
90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	24	1	1	6	CB2G	AB1	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	2800'	950'	30	6	30	6	18
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

240' ROHN 45G

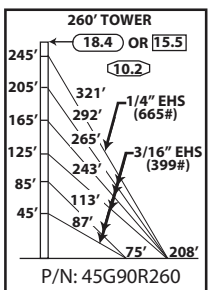
All parts shown in table are included when ordering
Part No: 45G90R240



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	25	1	1	6	CB2G	AB1	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	3125'	1025'	30	6	30	6	18
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

250' ROHN 45G

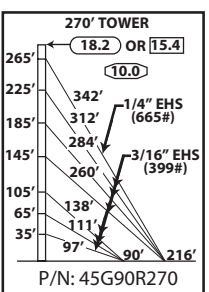
All parts shown in table are included when ordering
Part No: 45G90R250



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	26	1	1	6	CB3G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	3200'	1025'	30	6	30	6	18
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

260' ROHN 45G

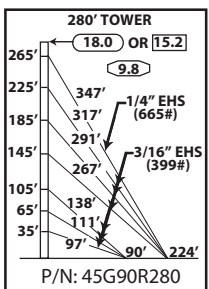
All parts shown in table are included when ordering
Part No: 45G90R260



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	27	1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	3825'	1100'	36	6	36	6	21
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

270' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R270



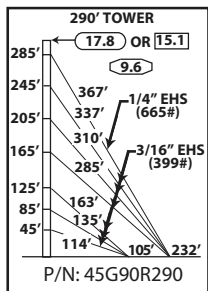
TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	28	1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	3900'	1125'	36	6	36	6	21
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

280' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R280



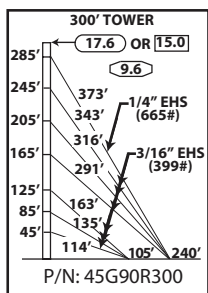
STANDARD DESIGN - 45G 90MPH REV. G, 70MPH REV. F



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	29	1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	4275'	1175'	36	6	36	6	21
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

290' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R290



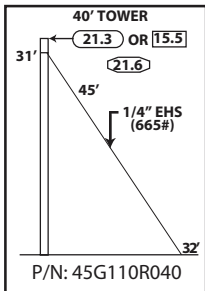
TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	30	1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	4350'	1200'	36	6	36	6	21
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	6	2	3	6	1	6	

300' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G90R300

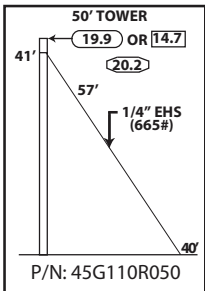
STANDARD DESIGN - 45G

110MPH REV. G, 90MPH REV. F



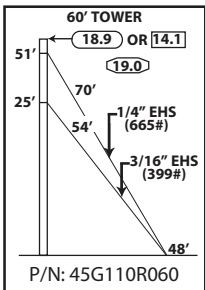
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	3	1	1	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	1/4EHS	BG2144	3/8THH	1/2TBE&J	CB1G	AB2
	150'	6	6	3	TBSAFETY	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

40' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R040



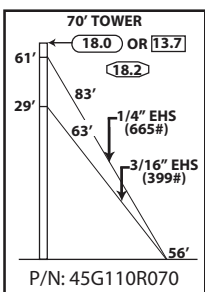
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	4	1	1	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	1/4EHS	BG2144	3/8THH	1/2TBE&J	CB1G	AB2
	200'	6	6	3	TBSAFETY	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

50' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R050



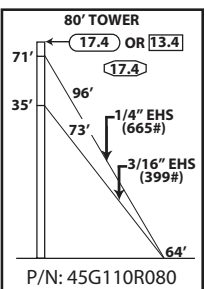
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	5	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	175'	225'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

60' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R060



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	6	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	225'	275'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

70' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R070

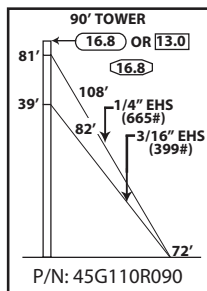


TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	7	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	250'	325'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

80' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R080

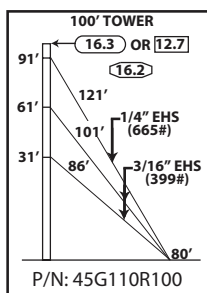


STANDARD DESIGN - 45G 110MPH REV. G, 90MPH REV. F



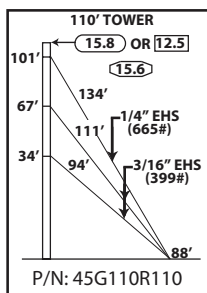
TOWER PARTS INCLUDED	45G	45AG2	BPC45G		GA45GD		FDNS	
							BASE	ANCHOR
	8	1	1	2	CB1G	AB2		
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J	
	275'	350'	6	6	6	6	6	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX		CPC.5/.75		3/4x12PP	TBSAFETY
	3	1	3	3	1	3		

90' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R090



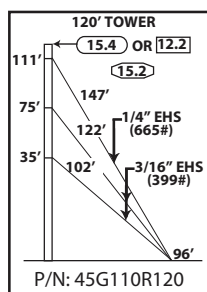
TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS	
									BASE	ANCHOR
	9		1		1		3		CB1G	AB2
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J			
	600'	400'	12	6	12	6	9			
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX		CPC.5/.75		3/4x12PP		TBSAFETY	
	3	1	3		3		1		3	

100' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R100



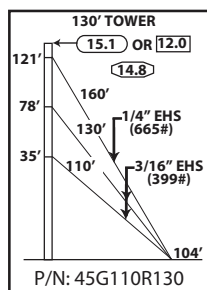
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
	10	1	1	3	BASE	ANCHOR	
					CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	675'	450'	12	6	12	6	9
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

110' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R110



TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS					
									BASE	ANCHOR				
	11		1		1		3		CB1G	AB2				
GUYS & CONNECTIONS INCLUDED	3/16EHS		1/4EHS		BG2142		BG2144		5/16THH		3/8THH		1/2TBE&J	
	725'		475'		12		6		12		6		9	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK3GGX		CPC.5/.75		3/4x12PP		TBSAFETY			
	3		1		3		3		1		3			

120' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R120



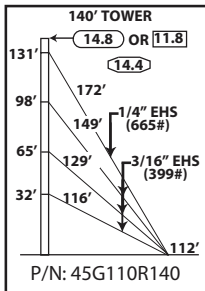
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
					BASE	ANCHOR	
	12	1	1	3	CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	775'	525'	12	6	12	6	9
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

130' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R130



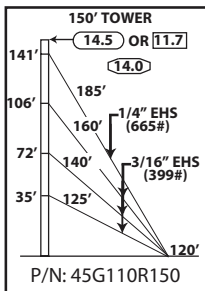
STANDARD DESIGN - 45G

110MPH REV. G, 90MPH REV. F



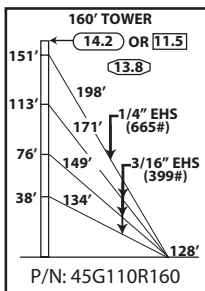
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
					BASE	ANCHOR	
	13	1	1	4	CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	1275'	550'	18	6	18	6	12
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

140' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R140



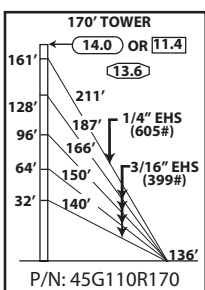
TOWER PARTS INCLUDED	45G		45AG2		BPC45G		GA45GD		FDNS		
									BASE	ANCHOR	
	14		1		1		4		CB1G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS		1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J			
	1375'		600'	18	6	18	6	12			
ANCHORS & GROUNDING INCLUDED	GAC3455TOP		AGK1GGX		BGK3GGX		CPC.5/.75		3/4x12PP		TBSAFETY
	3		1		3		3		1		3

150' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R150



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS		
	15	1	1	4	BASE	ANCHOR	
					CB2G	AB2	
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	1/2TBE&J
	1450'	650'	18	6	18	6	12
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

160' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R160

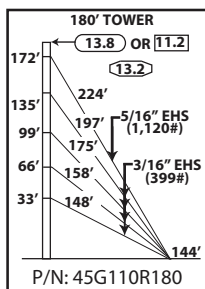


TOWER PARTS INCLUDED	45G	45AG2	BPC45G		GA45GD	FDNS	
	16	1	1		5	BASE CB2G	ANCHOR AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH	5/8TBE&J
	2050'	675'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX		CPC1/1.25	3/4x12PP	TBSAFETY
	3	1	3		3	1	3

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170' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R170



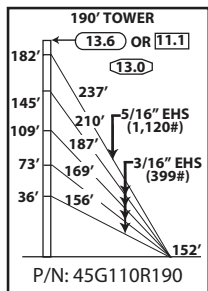
TOWER PARTS INCLUDED	45G	45GL2*	BPC45G	GA45GD	APL45G	FDNS	
						BASE	ANCHOR
	17	1	1	5	1	CB2G	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J
	2175'	725'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

180' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R180

* 45GL2 Lug section required for 5/16" guy



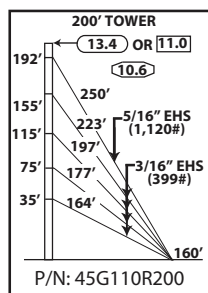
STANDARD DESIGN - 45G 110MPH REV. G, 90MPH REV. F



TOWER PARTS INCLUDED	45G	45GL2*	BPC45G	GA45GD	APL45G	FDNS	
	18	1	1	5	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J
	2300'	725'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

190' ROHN 45G

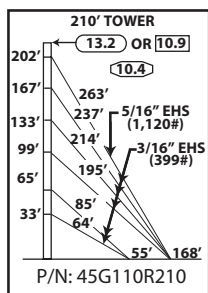
All parts shown in table are included when ordering
Part No: 45G110R190



TOWER PARTS INCLUDED	45G	45GL2*	BPC45G	GA45GD	APL45G	FDNS	
	19	1	1	5	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2142	BG2146	5/16THH	7/16THH	5/8TBE&J
	2425'	800'	24	6	24	6	15
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

200' ROHN 45G

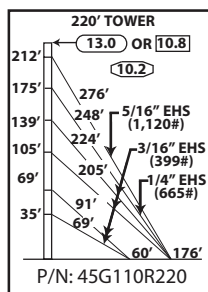
All parts shown in table are included when ordering
Part No: 45G110R200



TOWER PARTS INCLUDED	45G	BPC45G	45GL2*	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	20	1	1	1	6	CB3G	AB2	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2142	BG2146	5/16THH			
	2550'	850'	30	6	30			
	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY	3/4x12PP			
	6	6	12	6	1			
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/1.75	CPC1/1.25		
	3	3	2	3	3	3		

210' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G110R210



TOWER PARTS INCLUDED	45G	BPC45G	45GL2*	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
	21	1	1	1	6	CB3G	AB2	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146		
	1875'	800'	900'	24	6	6		
	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		
	24	6	6	6	12	6		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/1.75	CPC1/1.25	3/4X12PP	
	3	3	2	3	3	3	1	

220' ROHN 45G

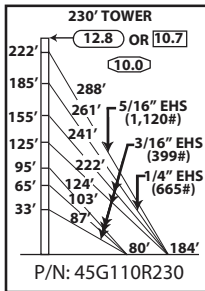
All parts shown in table are included when ordering
Part No: 45G110R220

* 45GL2 Lug section required for 5/16" guy



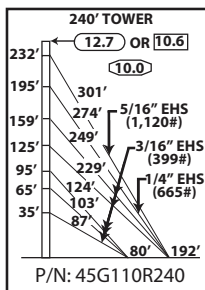
STANDARD DESIGN - 45G

110MPH REV. G, 90MPH REV. F



TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	45GL2*	BASE	INNER ANCHOR	OUTER ANCHOR
	22	1	1	7	1	CB3G	AB2	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146		
	2475'	850'	925'	30	6	6		
	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		
	30	6	6	9	12	6		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK3GGX	CPC.5/.75	CPC1/1.25	3/4x12PP	
	3	3	2	3	3	3	1	

230' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R230



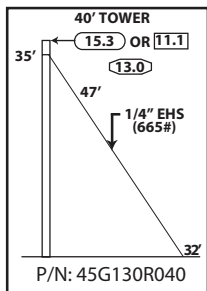
TOWER PARTS INCLUDED	45G	BPC45G	APL45G	GA45GD	45GL2*	BASE	INNER ANCHOR	OUTER ANCHOR
	23	1	1	7	1	CB3G	AB2	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146		
	2525'	875'	975'	30	6	6		
	5/16THH	3/8THH	7/16THH	1/2TBE&J	5/8TBE&J	TBSAFETY		
	30	6	6	9	12	6		
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	GAC5655TOP	AGK1GGX	BGK3GGX	CPC.5/.75	CPC1/1.25	3/4x12PP	
	3	3	2	3	3	3	1	

240' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R240

* 45GL2 Lug section required for 5/16" guy



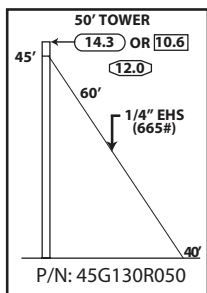
STANDARD DESIGN - 45G 130MPH REV. G, 110MPH REV. F



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	3	1	1	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY	
	150'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

40' ROHN 45G

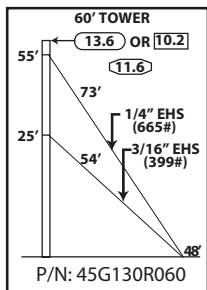
All parts shown in table are included when ordering
Part No: 45G130R040



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	4	1	1	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY	
	200'	6	6	3	3	
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
	3	1	3	3	1	

50' ROHN 45G

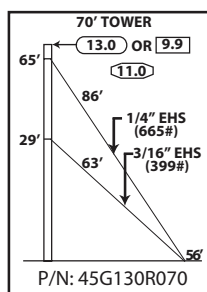
All parts shown in table are included when ordering
Part No: 45G130R050



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	5	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	175'	250'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

60' ROHN 45G

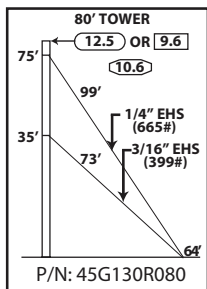
All parts shown in table are included when ordering
Part No: 45G130R060



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	6	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	225'	275'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

70' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G130R070



TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	7	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	250'	325'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

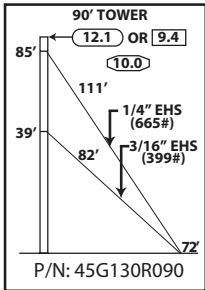
80' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G130R080



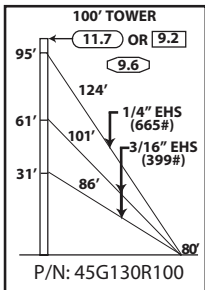
STANDARD DESIGN - 45G

130MPH REV. G, 110MPH REV. F



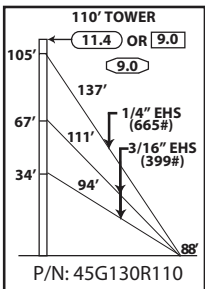
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	8	1	1	2	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	275'	375'	6	6	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

90' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G130R090



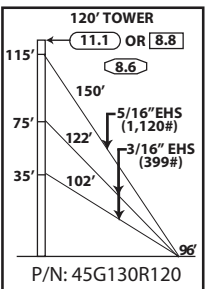
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	9	1	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	600'	400'	12	6	12	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

100' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G130R100



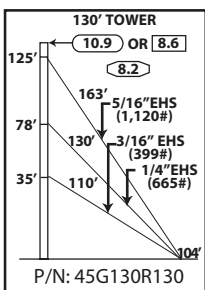
TOWER PARTS INCLUDED	45G	45AG2	BPC45G	GA45GD	FDNS	
	10	1	1	3	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	BG2142	BG2144	5/16THH	3/8THH
	675'	450'	12	6	12	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY
	3	1	3	3	1	3

110' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G130R110



TOWER PARTS INCLUDED	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS	
	11	1	1	3	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	142265	BG2142	BG2146	5/16THH	7/16THH	1/2TBE&J
	725'	500'	12	6	12	6	6
ANCHORS & GROUNDING INCLUDED	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	TBSAFETY	
	3	1	3	3	1	3	

120' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G130R120



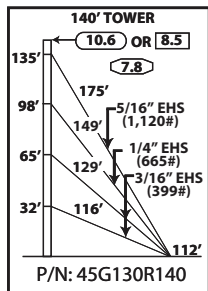
TOWER PARTS INCLUDED	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS	
	12	1	1	3	1	BASE	ANCHOR
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	
	350'	425'	525'	6	6	6	
	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	6	6	6	9	3		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP		
	3	1	3	3	1		

130' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G130R130

* 45GL5 Lug section required for 5/16" guy



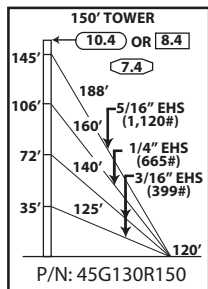
STANDARD DESIGN - 45G 130MPH REV. G, 110MPH REV. F



TOWER PARTS INCLUDED	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS	
						BASE	ANCHOR
	13	1	1	4	1	CB2G	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	
	800'	475'	575'	12	6	6	
	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	6	12	3		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP		
	3	1	3	3	1		

140' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G130R140



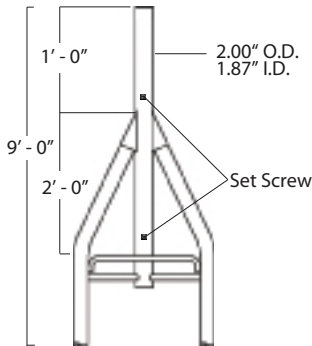
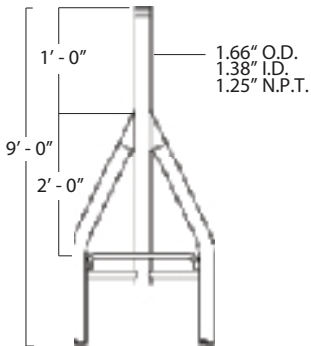
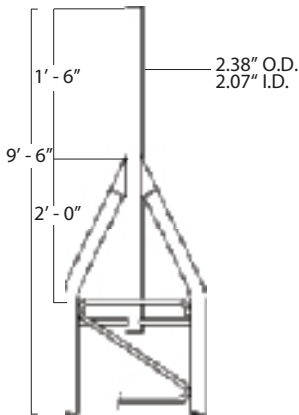
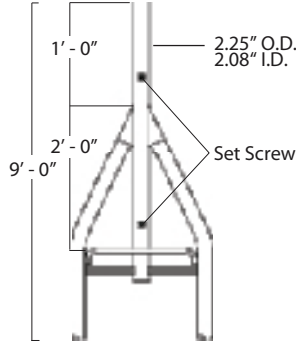
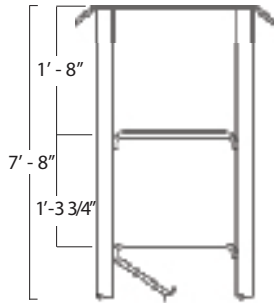
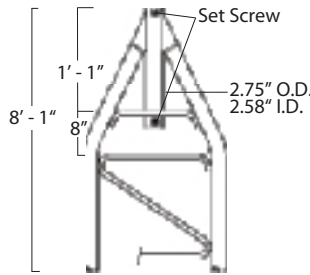
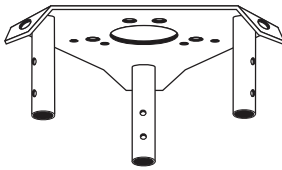
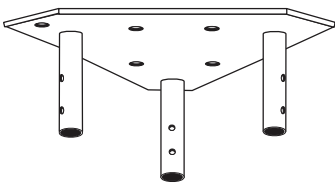
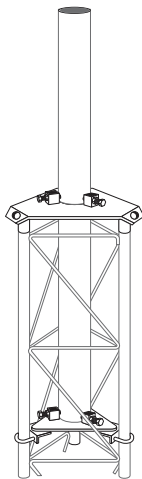
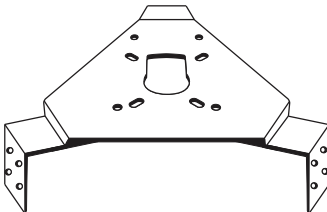
TOWER PARTS INCLUDED	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS	
						BASE	ANCHOR
	14	1	1	4	1	CB2G	AB3
GUYS & CONNECTIONS INCLUDED	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146	
	850'	525'	600'	12	6	6	
	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	6	12	3		
ANCHORS & GROUNDING INCLUDED	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP		
	3	1	3	3	1		

150' ROHN 45G

All parts shown in table are included when ordering
Part No: 45G130R150

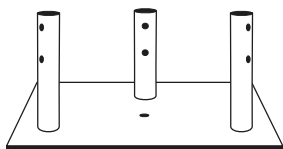
* 45GL5 Lug section required for 5/16" guy

PARTS & ACCESSORIES

 TOP SECTION 45AG	 TOP SECTION 45AG1	 TOP SECTION 45AG2	 TOP SECTION 45AG3
 TOP SECTION 45AG4 TOP PLATE HOLE PATTERN IS THE SAME AS BPL45G.	 TOP SECTION 45AG5	 BEARING PLATE BPL45G CONVERTS STANDARD SECTION TO A TOP SECTION. HOLE PATTERN FITS TB3 (2" O.D.) AND TB4 (3" O.D.) THRUST BEARINGS.	 TOP PLATE APL45G FOR MOUNTING BEACON OR LIGHTNING ROD.
 TOP MOUNT 45TDMKD - NO MAST 45TDM2S3KD - 2 3/8" O.D. MAST 45TDM2S53KD - 2 7/8" O.D. MAST 45TDM3S3KD - 3 1/2" O.D. MAST 45TDM3S53KD - 4" O.D. MAST 45TDM4S3KD - 4 1/2" O.D. MAST MOUNTING TUBE PROVIDED IS 7' LONG.	 ACCESSORY SHELF AS455G FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.	 LIGHTNING ROD LRCL 5' COPPER CLAD MOUNTS TO APL45G.	



PARTS & ACCESSORIES



CONCRETE BASE PLATE BPC45G*

FOR USE WITH 3/4X12PP PIER PIN
EMBEDDED IN CONCRETE.

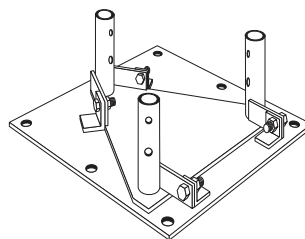
CONCRETE BASE PLATE IS TO BE
USED FOR BRACKETED AND
GUYED APPLICATIONS ONLY.



PIER PIN 3/4X12PP

FOR USE WITH BPC45G
EMBEDDED IN CONCRETE.

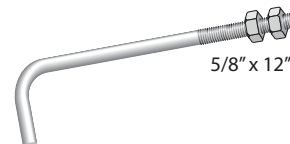
PIER PIN MUST BE ORDERED
SEPARATELY, UNLESS BEING
PURCHASED AS PART OF
A COMPLETE TOWER KIT.



HINGED BASE PLATE BPH45G*

FOR USE WITH 5/8X12BB BASE BOLTS
(ORDERED SEPARATELY).
HINGED TO ALLOW TOWER TO
BE ROTATED UP FROM BASE
DURING INSTALLATION.

HINGED BASE PLATE IS TO BE
USED FOR BRACKETED AND GUYED
APPLICATIONS ONLY.



5/8" x 12"

BASE BOLT 5/8X12BB

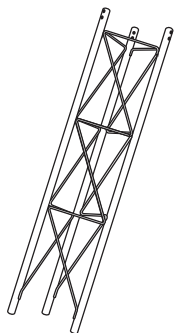
FOR USE WITH BPH45G

(6) REQUIRED, ORDERED SEPARATELY.



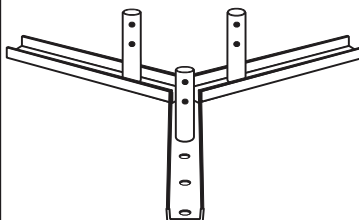
TAPERED BASE 45TG*

CAN BE USED WITH A4197L
BASE INSULATOR OR WITH
3/4X12PP, ORDERED SEPARATELY.



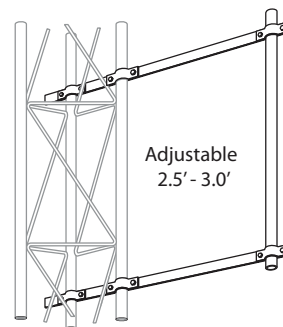
5' SHORT BASE SB45G

FOR EMBEDMENT IN CONCRETE.



FLAT ROOF MOUNT FR45G*

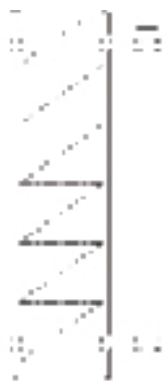
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



Adjustable
2.5' - 3.0'

SIDE ARM BRACKET SA253UA

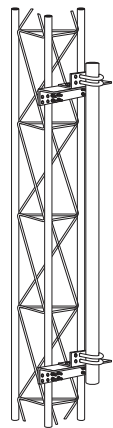
MOUNTING TUBE PROVIDED IS 3' LONG,
2 - 1/4" O.D.



DISH MOUNT

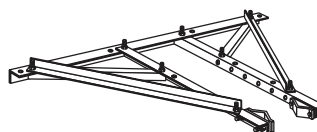
VY4311A2 - 2 3/8" O.D.
VY4311A - 4 1/2" O.D.

MAST TUBE PROVIDED IS 5' LONG.



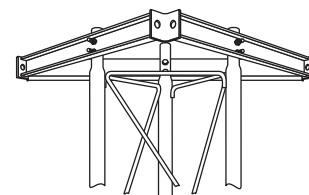
FACE MOUNT

DM45G2 - 2 3/8" O.D. 5' LONG
DM454 - 4 1/2" O.D. 5' LONG



HEAVY DUTY UNIVERSAL HOUSE BRACKET HBUTVRO

ADJUSTABLE TO POSITION TOWER
18" - 36" FROM WALL.

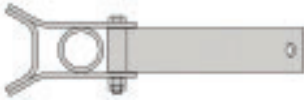


TORQUE ARM STABILIZER ASSEMBLY TA45

ANTI-TWIST DEVICE LOCATED IN THE
AREA OF ANTENNAS. PROVIDES SIX-WAY
GUYING. BOLTS TO TOWER AT ANY
SECTION JOINT. ATTACHED WITH
JOINT BOLTS. MUST BE INSTALLED AS
SECTIONS ARE JOINED TOGETHER.

* TOWERS MOUNTED ON THESE BASES MUST BE BRACKETED OR GUYED AT ALL TIMES. TEMPORARY STEEL GUYING MAY ALSO BE NECESSARY DURING INSTALLATION AND DISMANTLING.

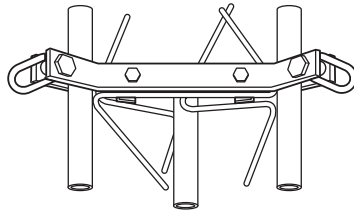
PARTS & ACCESSORIES



TORQUE BAR

TB45D

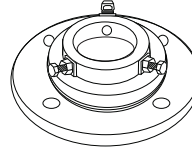
OPTIONAL, FOR USE WITH GA45GD.
REQUIRES (1) 3/8" SHACKLE
FOR EACH BAR.



GUY BRACKET

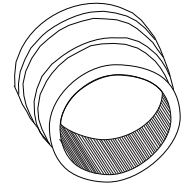
GA45GD

MOUNTS TO TOWER AT ANY
HORIZONTAL BRACE.



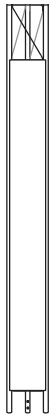
THRUST BEARING

TB3 - SUPPORTS UP TO 2" O.D. MAST.
TB4 - SUPPORTS UP TO 3" O.D. MAST.
MOUNTS TO BPL45G AND 45AG4.



TOWER BUSHING

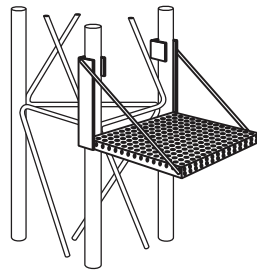
TB50 - 1-1/4" I.D. X 2" O.D.
FOR USE ON 45AG TOP SECTION



ANTI-CLIMB PANEL

ACL455

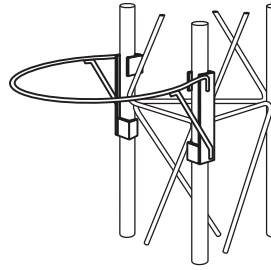
THREE ANTI-CLIMB PANELS BOLT
TO STANDARD TOWER SECTION.



WORK PLATFORM

WP45G

SNAPS INTO PLACE AT ANY LEVEL.
NO BOLTS REQUIRED.



SAFETY RING

SR245

SNAPS INTO PLACE AT ANY LEVEL.
NO BOLTS REQUIRED.



ERECTION FIXTURE

EF2545 - 2 1/2" SHEAVE WITH
3/8" I.D. GROOVE.

NOTE: ERECTION FIXTURES ARE FOR
LIFTING ONE 10' SECTION AT A TIME AND
ARE NOT INTENDED FOR THE LIFTING OF
PERSONNEL.



CLIMBING HARNESS

TTFBH-4D

JOURNEYMAN HARNESS
TTFBH-C/P
PROFESSIONAL HARNESS



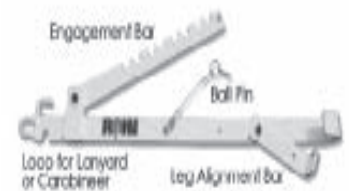
SAFETY CABLE SLIDER WITH CARABINEER

TT-WG-500-W/SMC

SAFETY CABLE SYSTEM ORDERING INFORMATION

TOWER HEIGHT	PART NUMBER
50'	TT0504555
100'	TT1004555
150'	TT1504555
200'	TT2004555
250'	TT2504555
300'	TT3004555
350'	TT3504555

SAFETY CABLE SLIDER AND
CLIMBING HARNESS MUST
BE ORDERED SEPARATELY.



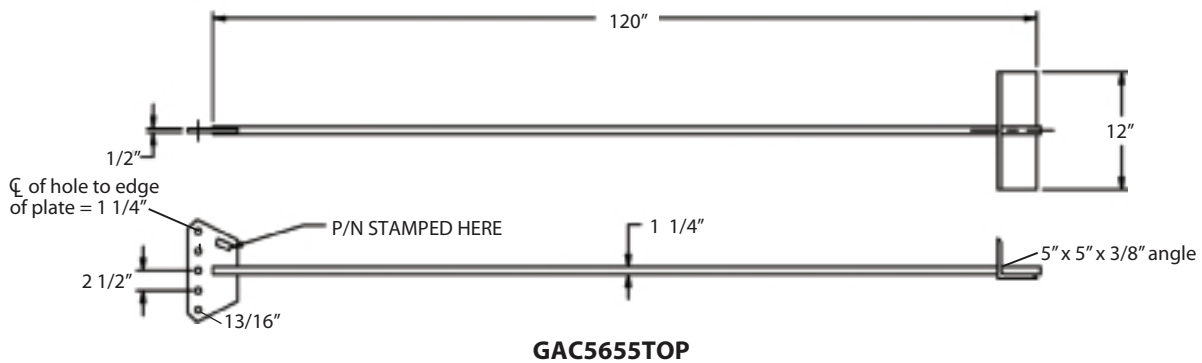
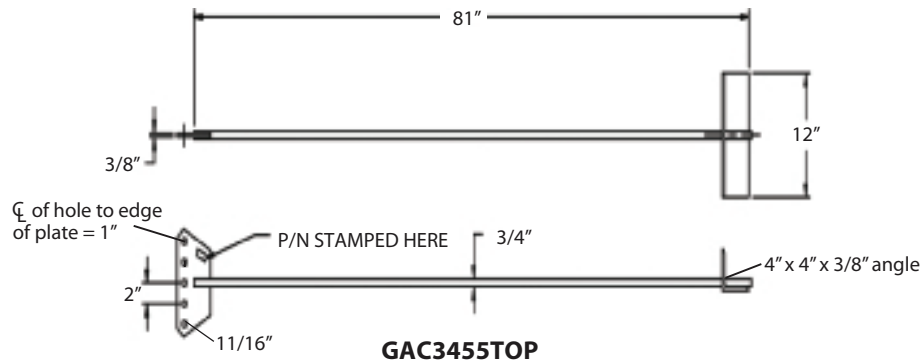
ASSEMBLY TOOL

ROHNJACK

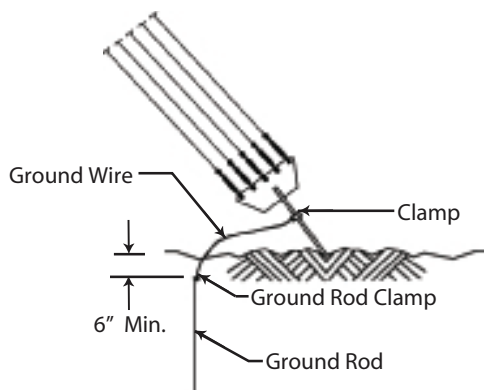
Fits 25G, 45G, & 55G



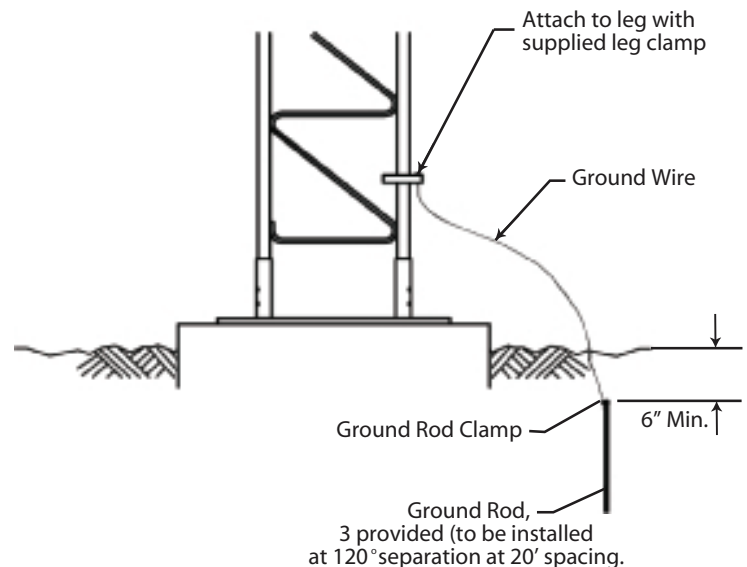
ANCHOR INFORMATION



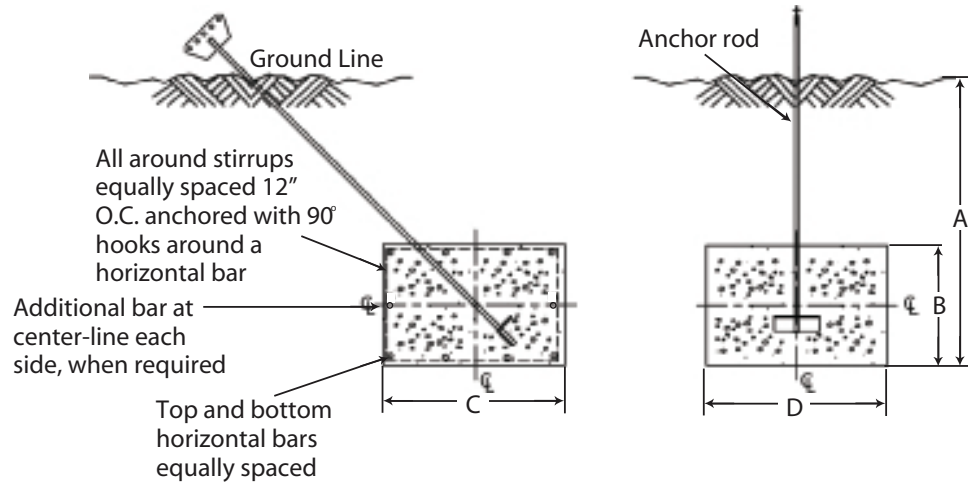
REV G ANCHOR GROUNDING AGK1GGX



REV G BASE GROUNDING BGK3GGX



STANDARD ANCHOR BLOCKS

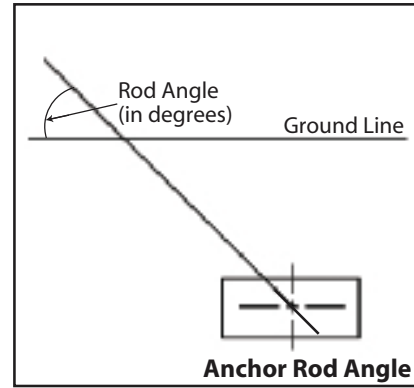
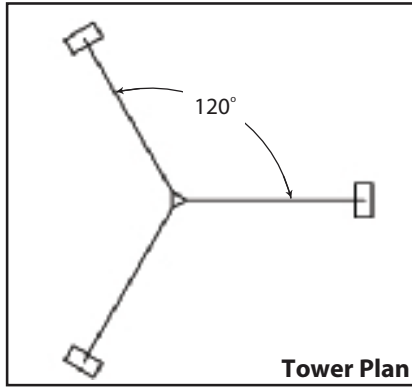


Refer to page 68 for anchor rod installation angles.

Block	Anchor Dimensions (in.)				Horizontal Bars (Qty. & Size)	Stirrup Size & Spacing	Concrete Vol. (Cu. Yds.)
	A	B	C	D			
AB1	3' - 0"	1' - 0"	3' - 0"	4' - 0"	(8) #5 Bars, Total (4) #5 Bars Top & Bottom Layers (0) Additional Bar, Each Side	#3 @ 12" O.C.	.044 Per Block 1.3 Total for 3
AB2	4' - 0"	1' - 6"	4' - 0"	6' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.33 Per Block 4.0 Total for 3
AB3	6' - 0"	1' - 6"	3' - 0"	6' - 0"	(4) #6 Bars, Top Layer (4) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#3 @ 12" O.C.	1.0 Per Block 3.0 Total for 3
AB4	6' - 0"	1' - 6"	4' - 0"	9' - 0"	(5) #6 Bars, Top Layer (5) #6 Bars, Bottom Layer (0) Additional Bar, Each Side	#4 @ 12" O.C.	2.0 Per Block 6.0 Total for 3
AB5	8' - 0"	2' - 0"	3' - 0"	10' - 0"	(4) #7 Bars, Top Layer (4) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.22 Per Block 6.7 Total for 3
AB6	8' - 0"	2' - 0"	4' - 0"	10' - 0"	(5) #7 Bars, Top Layer (5) #7 Bars, Bottom Layer (1) Additional Bar, Each Side	#4 @ 12" O.C.	2.96 Per Block 8.9 Total for 3



ANCHOR ROD INSTALLATION ANGLES

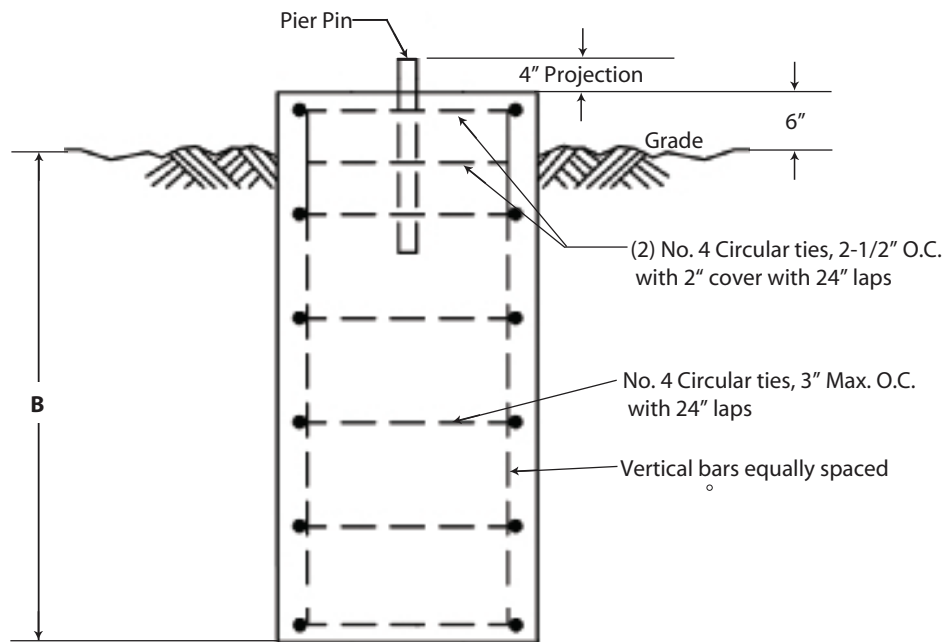


45G 90MPH				
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
40'	GAC3455TOP	45	-	-
50'	GAC3455TOP	46	-	-
60'	GAC3455TOP	43	-	-
70'	GAC3455TOP	43	-	-
80'	GAC3455TOP	41	-	-
90'	GAC3455TOP	42	-	-
100'	GAC3455TOP	42	-	-
110'	GAC3455TOP	40	-	-
120'	GAC3455TOP	39	-	-
130'	GAC3455TOP	40	-	-
140'	GAC3455TOP	39	-	-
150'	GAC3455TOP	38	-	-
160'	GAC3455TOP	37	-	-
170'	GAC3455TOP	38	-	-
180'	GAC3455TOP	38	-	-
190'	GAC3455TOP	36	-	-
200'	GAC3455TOP	36	-	-
210'	GAC3455TOP	40	GAC3455TOP	44
220'	GAC3455TOP	40	GAC3455TOP	44
230'	GAC3455TOP	42	GAC3455TOP	42
240'	GAC3455TOP	42	GAC3455TOP	41
250'	GAC3455TOP	40	GAC3455TOP	43
260'	GAC3455TOP	40	GAC3455TOP	42
270'	GAC3455TOP	38	GAC3455TOP	43
280'	GAC3455TOP	38	GAC3455TOP	43
290'	GAC3455TOP	38	GAC3455TOP	44
300'	GAC3455TOP	38	GAC3455TOP	43

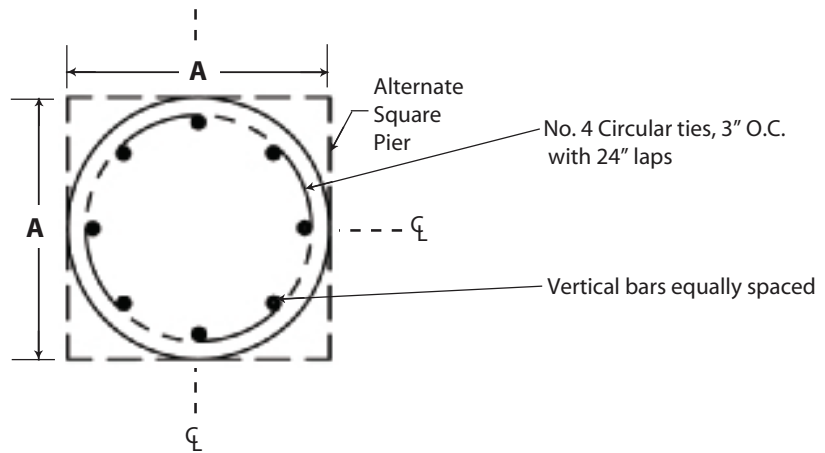
45G 110MPH				
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle
40'	GAC3455TOP	45	-	-
50'	GAC3455TOP	46	-	-
60'	GAC3455TOP	41	-	-
70'	GAC3455TOP	41	-	-
80'	GAC3455TOP	41	-	-
90'	GAC3455TOP	41	-	-
100'	GAC3455TOP	39	-	-
110'	GAC3455TOP	39	-	-
120'	GAC3455TOP	39	-	-
130'	GAC3455TOP	38	-	-
140'	GAC3455TOP	38	-	-
150'	GAC3455TOP	38	-	-
160'	GAC3455TOP	38	-	-
170'	GAC5655TOP	37	-	-
180'	GAC5655TOP	37	-	-
190'	GAC5655TOP	37	-	-
200'	GAC5655TOP	37	-	-
210'	GAC3455TOP	41	GAC5655TOP	42
220'	GAC3455TOP	41	GAC5655TOP	42
230'	GAC3455TOP	38	GAC5655TOP	43
240'	GAC3455TOP	39	GAC5655TOP	43

45G 130MPH		
Tower Height	Rod Number	Rod Angle
40'	GAC3455TOP	48
50'	GAC3455TOP	48
60'	GAC3455TOP	40
70'	GAC3455TOP	40
80'	GAC3455TOP	40
90'	GAC3455TOP	40
100'	GAC3455TOP	38
110'	GAC3455TOP	38
120'	GAC3455TOP	38
130'	GAC5655TOP	38
140'	GAC5655TOP	37
150'	GAC5655TOP	37

STANDARD BASE PIERS



ELEVATION VIEW



PLAN VIEW

Base	A	B	Concrete Vol. (Cu. Yds.) Round Pier	Vertical Bars (No. & Size)
CB1G*	2' - 6"	4' - 0"	1.0	(8) #7
CB2G	3' - 0"	4' - 0"	1.2	(10) #7
CB3G	3' - 6"	4' - 0"	1.6	(12) #7

* Square pier option must be used for CB1G.



GENERAL NOTES FOR G-SERIES TOWERS

1. The suitability of a ROHN standard design and standard foundation for a specific application must be verified by the purchaser based on site-specific data in accordance with ANSI/TIA-222-G.
2. The effective projected area and lines to be installed must not exceed the design values for the structure.
3. Structures supported on buildings or other structures require special consideration. Designs assume structures are installed on level grade.
4. Designs assume maintenance and inspection will be performed over the life of the structure in accordance with ANSI/TIA-222-G. All towers should be thoroughly inspected by qualified personnel and re-marked as required with appropriate danger and anti-climb labels at least twice a year to ensure safety and proper performance.
5. Standard Designs are intended to be climbed by skilled and competent climbers only. A safety climb system is required for all structures.
6. Installation and dismantling must be performed by qualified and experienced personnel and be in conformance with ANSI/TIA-222-G.
7. Standard guyed masts and bracketed towers are not stable without guys or brackets attached and will not support personnel in this condition. Temporary steel guys supplied by a qualified contractor may be required to maintain stability during installation or dismantling.
8. Do not install or dismantle structures within falling distance of electrical and/or telephone lines without taking special precautions in accordance with the appropriate utility.
9. All field connections are bolted.
10. The tolerance on installed height is equal to plus 1% and minus 1/2%.
11. Installation must be grounded in accordance with local and national codes. ANSI/TIA-222-G requires that the resistance to ground must not exceed 10 ohms. Additional grounding may be required in addition to the ROHN standard grounding kit provided with the tower.
12. Additional anchor rod corrosion protection may be required based on site-specific conditions.
13. Installation must be in conformance with local, state and federal requirements for obstruction marking and lighting.
14. Warning plate P/N: AWCS provided with the structure must be installed in a highly visible location.

G-SERIES FOUNDATION GENERAL NOTES

1. Standard foundation designs (unless otherwise noted) are in accordance with ANSI/TIA-222-G, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures," Section 9 and Annex F for the following presumptive clay soil parameters:

N (blows/ft)	ϕ (deg)	Y (lb/ft ³)	c (psf)	Ultimate Bearing (psf)		Ultimate Skin Friction (psf)	k (pci)	ϵ_{50}
				Shallow Fdns.	Deep Fdns.			
8	0	110	1000	5000	9000	500	150	0.01

2. The purchaser must verify that actual site soil parameters meet or exceed the assumed soil conditions and that the depth of standard foundations are adequate based on the frost penetration and/or zone of seasonal moisture variation at the site. Foundation design modifications may be required in the event the assumed soil parameters are not applicable for the actual subsurface conditions encountered.



G-SERIES FOUNDATION GENERAL NOTES

3. Foundation designs assume field inspections will be performed by the purchasers' representative to verify that construction materials, installation methods and assumed design parameters are acceptable based on the conditions existing at the site.
4. Work shall be in accordance with local codes, safety regulations and unless otherwise noted, the latest revision of ACI 318, "Building Code Requirements for Reinforced Concrete." Procedures for the protection of excavations, existing construction and utilities shall be established prior to foundation installations.
5. Concrete materials shall conform to the appropriate state requirements for exposed structural concrete.
6. Proportions of concrete materials shall be suitable for the installation method utilized and shall result in durable concrete for resistance to local anticipated aggressive actions. The durability requirement of ACI 318 Chapter 4 shall be satisfied based on the conditions expected at the site. As a minimum, concrete shall develop a minimum compressive strength of 4000 psi in 28 days.
7. Maximum size of aggregate shall not exceed the size suitable for the installation method utilized or 1/3 the clear distance behind or between reinforcing. Maximum size may be increased to 2/3 the clear distance provided workability and methods of consolidation such as vibrating will prevent honeycombs or voids.
8. Reinforcement shall be deformed and conform to the requirements of ASTM A615 Grade 60 unless otherwise noted. Splices in reinforcement shall not be allowed unless otherwise indicated.
9. Reinforcing cages shall be braced to retain proper dimensions during handling and throughout placement of concrete.
10. Welding is prohibited on reinforcing steel and embedments.
11. Minimum concrete cover for reinforcement shall be 3 inches unless otherwise noted. Appropriate spacers shall be used to insure a 3 inch minimum cover on reinforcement.
12. Concrete cover from top of foundations to ends of vertical reinforcement shall not exceed 3 inches nor be less than 2 inches.
13. Spacers shall be attached intermittently throughout the entire length of vertical reinforcing cages to insure concentric placement.
14. Foundation designs assume structural backfill to be compacted in 8 inch maximum layers to 95% of maximum dry density at optimum moisture content in accordance with ASTM D698. Additionally, structural backfill must have a minimum compacted until weight of 100 pounds per cubic foot.
15. Foundation designs assume level grade at the site.
16. Foundation installations shall be supervised by personnel knowledgeable and experienced with the proposed foundation type. Construction shall be in accordance with generally accepted installation practices.
17. Loose material shall be removed from bottom of excavations prior to concrete placement. Sides of excavations shall be rough and free of loose cuttings.
18. Concrete shall be placed in a manner that will prevent segregation of concrete materials and other occurrences which may decrease strength or durability.
19. Free fall concrete may be used provided fall is vertical down without hitting sides of excavation, form work, reinforcing bars, form ties, cage bracing or other obstructions. Under no circumstances shall concrete fall through water.
20. Concrete shall be placed against undisturbed soil except for piers in pier and pad foundations. Forms for piers shall be removed prior to placing structural backfill.
21. Construction joints, if required in piers must be at least 12 inches below bottom of embedments and must be intentionally roughened to a full amplitude of 1/4 inch. Foundation designs assume no other construction joints.
22. Tops of foundations shall be sloped to drain with a floated finished.
23. Exposed edges of concrete shall be chamfered 3/4" x 3/4".
24. Additional corrosion protection may be required for steel guy anchors in direct contact with soil. Design assumes periodic inspections will be performed over the life of the structure to determine if additional anchor corrosion protection measures must be implemented based on observed site-specific conditions.

FOUNDATION TOLERANCES

GENERAL

1. Concrete dimensions - plus 2" or minus 0".
2. Depth of foundation - plus 3" or minus 0".
3. Drilled foundations out-of-plumb - 1.0 degree.
4. Reinforcing steel placement - per A.C.I. 301.
5. Projection of embedments - plus or minus 1/8".
6. Vertical embedments out of plumb - 0.5 degree.

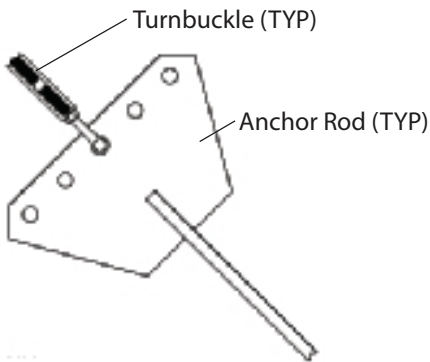
GUY ANCHORS

1. Guy radius - plus or minus 5% of distance specified.
2. Anchor elevation - plus or minus 5% of guy radius.
3. Anchor alignment (perpendicular to guy radius) - 1.0 degree.
4. Anchor rod slope - plus or minus 1.0 degree.
5. Anchor rod alignment with guy radius - plus or minus 1.0 degree.
6. Anchor head out of plumb - 1.0 degree.
7. Guy initial tension - plus or minus 10% of tension specified.

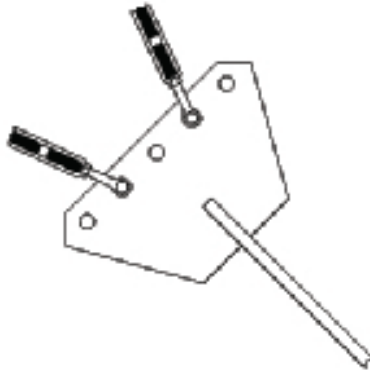
Note: Tolerances in notes 1 & 2 cannot occur simultaneously.



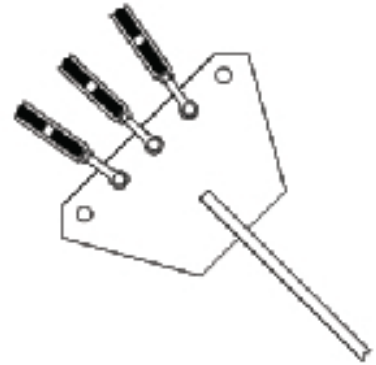
GUY ARRANGEMENT DETAILS



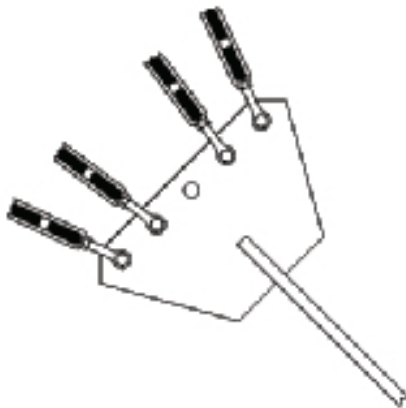
1 Guy Attachment



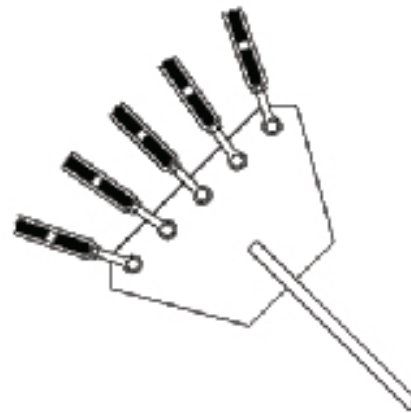
2 Guy Attachment



3 Guy Attachment



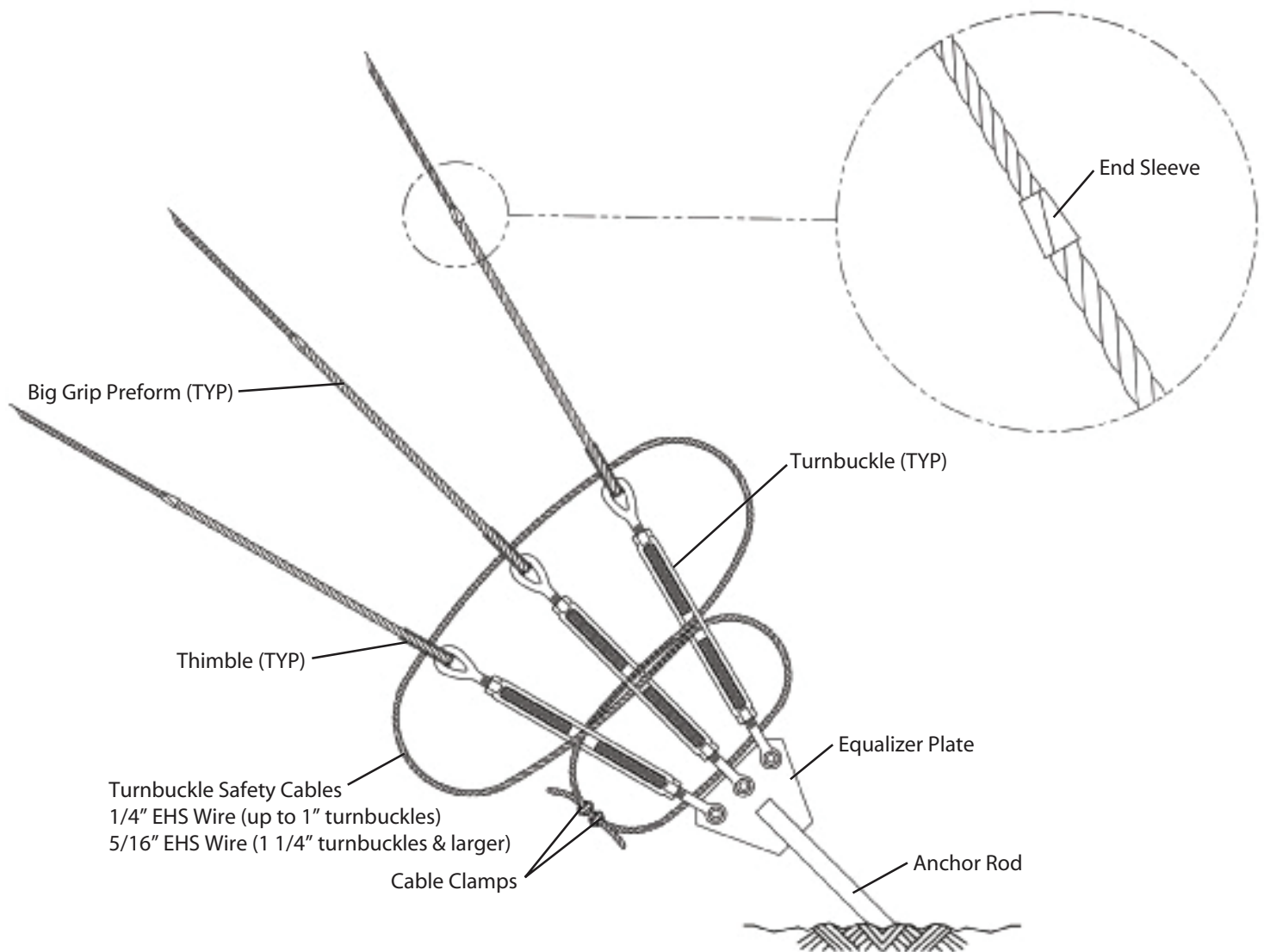
4 Guy Attachment



5 Guy Attachment

Wire Size	Anchor Rod	Turnbuckle	Thimble	Big Grip w/ End Sleeve
3/16 EHS	GAC3455TOP	1/2TBE&J	5/16THH	BG2142
	GAC5655TOP	5/8TBE&J	5/16THH	
1/4EHS	GAC3455TOP	1/2TBE&J	3/8THH	BG2144
	GAC5655TOP	5/8TBE&J	3/8THH	
	GAC5755TOP	3/4TBE&J	3/8THH	
5/16EHS	GAC3455TOP	5/8TBE&J	7/16THH	BG2146
	GAC5655TOP	5/8TBE&J	7/16THH	
	GAC5755TOP	3/4TBE&J	7/16THH	
3/8EHS	GAC3455TOP	5/8TBE&J	1/2THH	BG2174
	GAC5655TOP	5/8TBE&J	1/2THH	
	GAC5755TOP	3/4TBE&J	1/2THH	

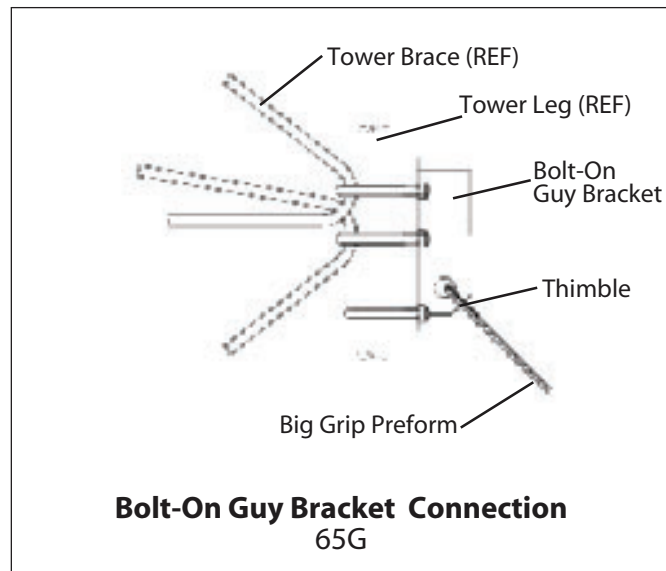
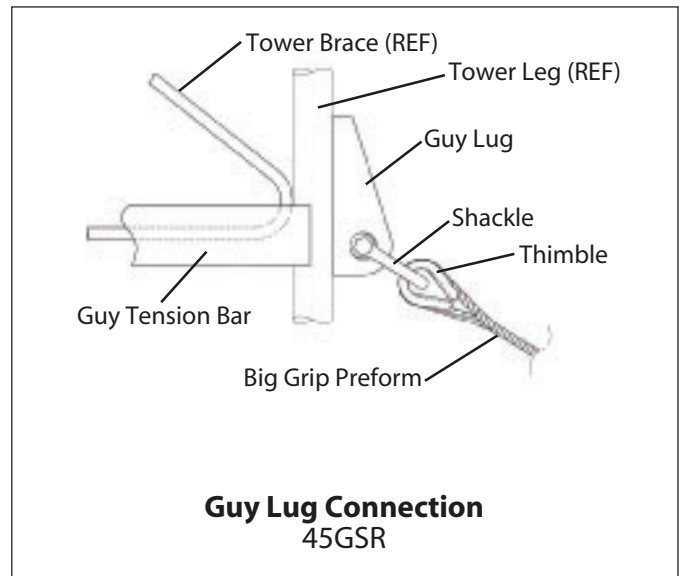
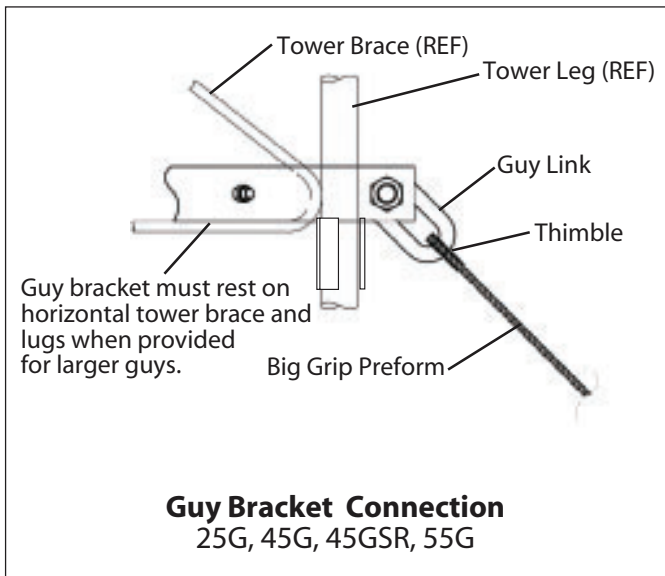
GUY ANCHOR CONNECTION DETAILS



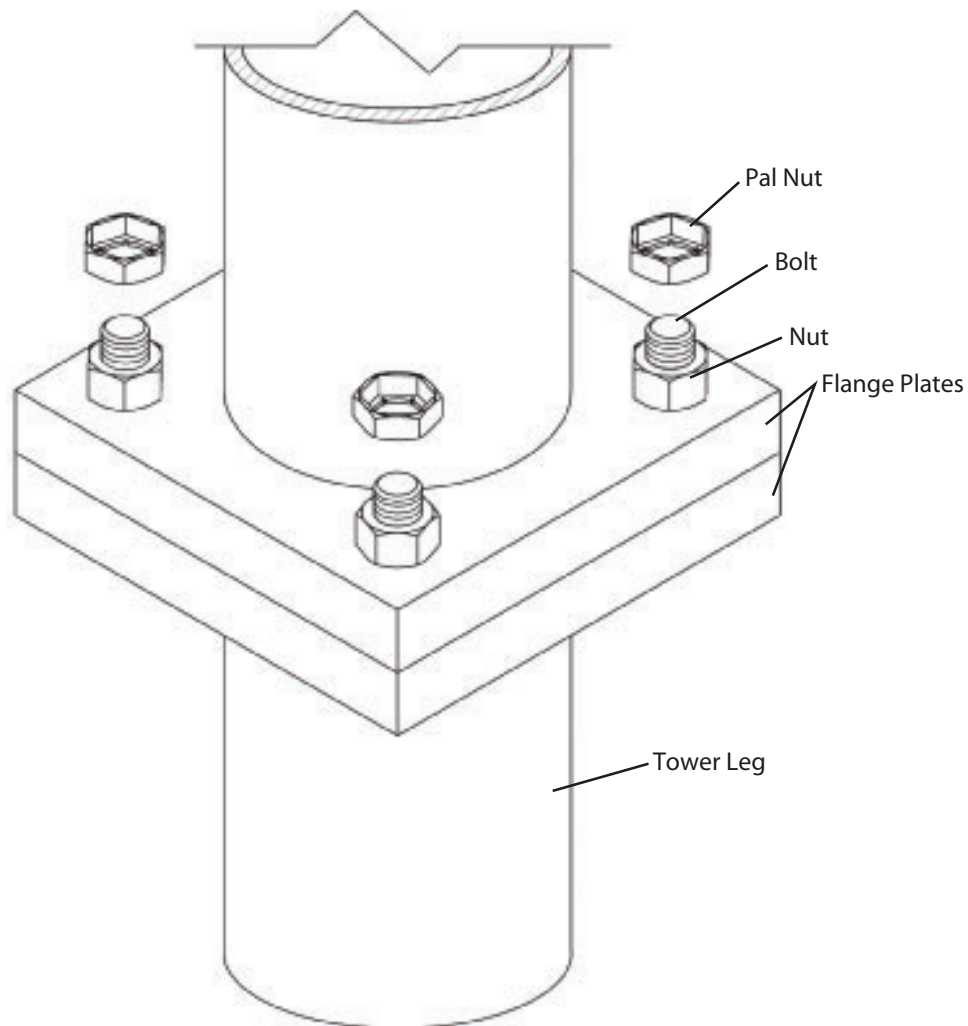
Anchor Connection



GUY MAST CONNECTION DETAILS



PAL NUT INSTALLATION



When pal nuts are provided, they are to be installed after nuts are tight and with edge lip out as shown. Pal nuts are not required when self-locking nuts or lock washers are provided.