# **GUYED TOWERS**



# (G)

#### STANDARD 45G GUYED TOWER





**45G** 



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**

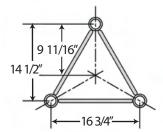
- Completely hot-dip galvanized after fabrication
- Built on a 16 3/4" equilateral triangle design
- High strength tubular legs joined by Zig-Zag<sup>®</sup> cross members
- Each section contains all required nuts and bolts shipped with section
- Continuous solid round steel bracing

#### **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

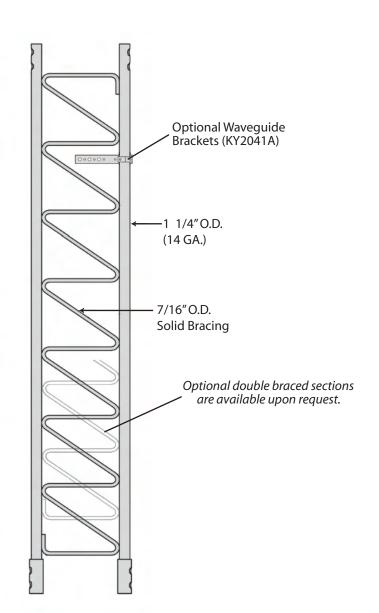


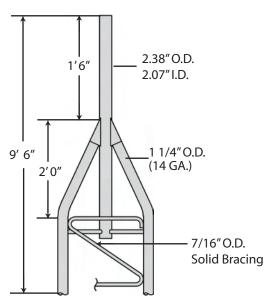
STANDARD SECTION

45G - 10' Section

### **QUICK REFERENCE**

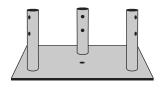
PARTS & ACCESSORIES PAGES 63-65
GROUNDING INFORMATION PAGES 66-69
FOUNDATION INFORMATION





## STANDARD TOP SECTION 45AG2

Additional 45G top sections are shown on page 63.



#### CONCRETE BASE PLATE BPC45G\*

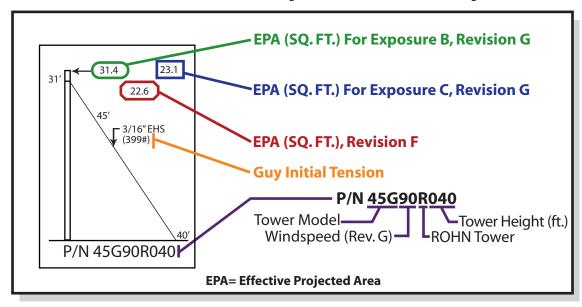
FOR USE WITH 3/4X12PP PIER PIN EMBEDDED IN CONCRETE.

Additional base sections are available, please see page 64.

<sup>\*</sup>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.

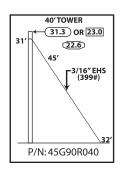
#### **PARTS LIST NOTES:**

- 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.



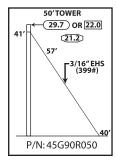




TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHOR
INCLUDED	3	1	1	1	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	150'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 40' ROHN 45G

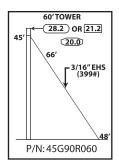
All parts shown in table are included when ordering Part No: 45G90R040



	45G	45AG2	BPC45G	GA45GD	FDNS	
TOWER PARTS	400	40/102	DI 0400	0,11002	BASE ANCHOR	
INCLUDED	4	1	1	1	CB1G AB2	
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY	
INCLUDED	200'	6	6	3	3	
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP	
GROUNDING INCLUDED	3	1	3	3	1	

#### 50' ROHN 45G

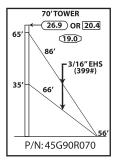
All parts shown in table are included when ordering Part No: 45G90R050



	450	45400	DD0450	CA45CD	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	5	1	1	1	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	225'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

### 60' ROHN 45G

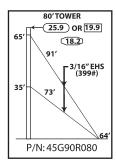
All parts shown in table are included when ordering Part No: 45G90R060



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

70'	RO	ΗN	45G
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All parts shown in table are included when ordering Part No: 45G90R070

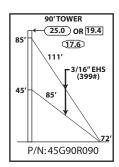


	AEC	45400	BPC45G	CAAECD	FDNS		
TOWER PARTS	45G	45AG2	BPC43G	GA45GD	BASE	ANCHOR	
INCLUDED	7	1	1	2	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY	
INCLUDED	525'	12	12	6		3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4×	12PP	
GROUNDING INCLUDED	3	1	3	3		1	

#### 80' ROHN 45G

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

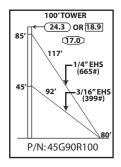




TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDI BASE A	
INCLUDED	8	1	1	2	CB1G	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAF	ETY
INCLUDED	625'	12	12	6	3	
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	7.75 3/4x12	
GROUNDING INCLUDED	3	1	3	3	1	

#### 90' ROHN 45G

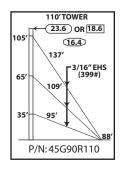
All parts shown in table are included when ordering Part No: 45G90R090



TOWER PARTS	45G		45AG2		BPC45G		GA45GD				ONS ANCHOR	
INCLUDED	9	9		1		1		2		CB1G		AB2
GUYS & CONNECTIONS	3/16EHS	1/4	EHS	BG214	12	BG2144	5/16	3/8TH		3/8THH 1		2TBE&J
INCLUDED	300'	300' 37		75' 6		6	6		6	6		6
	GAC3455	TOP	AGK	(1GGX	В	GK3GGX	CPC	0.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	3			1		3		3	1			3

#### 100' ROHN 45G

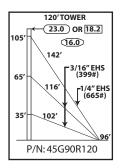
All parts shown in table are included when ordering Part No: 45G90R100



TOWER BARTS	45G	45AG2	BPC45G	45G GA45GD		FDNS BASE ANCHOR		
TOWER PARTS					BASE	ANCHOR		
INCLUDED	10	0 1 1		3	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY		
INCLUDED	1100'	18	18	9		3		
	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP			
GROUNDING INCLUDED	3	1	3	3		1		

#### 110' ROHN 45G

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



TOWER PARTS	45G		45AG2		BPC45G		GA45GD		BASE ANC		ONS ANCHOR	
INCLUDED	11		1		1		3		CB1G		AB2	
	3/16EHS	1/4	EHS	BG214	2	BG2144 5/16THH 3/8TH		HH 1/2TBE&J		2TBE&J		
CONNECTIONS INCLUDED	700'	700' 47		'5' 12		6	12		6			9
	GAC3455	TOP	AGK	(1GGX	В	GK3GGX	CPC	0.5/.75	3/4x12	2PP	TB	SAFETY
GROUNDING INCLUDED	3		1			3 3		3	1			3

#### 120' ROHN 45G

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

130'TOWER								
22.5 OR 17.9								
15.6								
163′								
☐ ☐ 3/16″ EHS ☐ (399#)								
134'								
113'								
113 1								
104′								
P/N: 45G90R130								

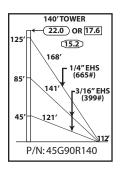
	TOWER PARTS	45G	45AG2	BPC45G	GA45GD		ONS ANCHOR
	INCLUDED	12	1	1	3	CB1G	AB2
	GUYS & CONNECTIONS INCLUDED	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY
		1325'	18	18	9		3
		GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	CPC.5/.75 3/4x	
	GROUNDING INCLUDED	3	1	3	3		1

#### 130' ROHN 45G

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







TOWER PARTS	45G	45	AG2	BPC45G	GA45GE	)	DNS ANCHO	VD.	
INCLUDED	13		1	1	3	CB1G		'n	
GUYS &	3/16EHS	1/4EHS	BG214	12 BG2144	5/16THH	3/8THH	1/2TB	E&J	
CONNECTIONS INCLUDED	850'	550'	12	6	12	6	9		
ANCHORS &	GAC3455T0	OP AGK	1GGX	BGK3GGX	CPC.5/.7	5 3/4x1	2PP T	BSAI	FETY
GROUNDING INCLUDED	3		1	3	3		1	3	3

#### 140' ROHN 45G All parts shown in

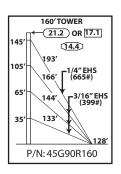
table are included when ordering Part No: 45G90R140

1	150'TOWER
L	21.6 OR 17.4
145′	14.8
	188'
105′	⊤3/16″ EHS
	159' (399#)
65'	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	136′
35'	125′
"	11/1
	120′
1 –	
	P/N: 45G90R150

TOWER PARTS	45G	45AG2	BPC45G	GA45GD	FDNS BASE ANCHO		
INCLUDED	14	1	1	4	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSA	FETY	
INCLUDED	1950'	24	24	12	;	3	
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PI		
GROUNDING INCLUDED	3	1	3	3		1	

#### 150' ROHN 45G

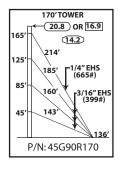
All parts shown in table are included when ordering Part No: 45G90R150



TOWER PARTS	45G	45	AG2	ı	BPC45G	GA45GI	D	FI BASE	DNS ANCH	HOR	
INCLUDED	15		1		1	4		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8THH	1/2T	BE&J	
INCLUDED	1425'	625'	18		6	18		6	,	12	
ANCHORS &	GAC3455T0	OP AGK	(1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBSAF	ETY
GROUNDING INCLUDED	3		1		3	3		1		3	3

#### 160' ROHN 45G

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



TOWER PARTS	45G	45G 16 9/16EHS 1/4EH		45AG2		BPC45G		GA4	5GD	BASE A		NS ANCHOR
INCLUDED	16			1		1		4		CB1G		AB2
GUYS & CONNECTIONS	3/16EHS			IS BG2142		BG2144	5/16THH		3/8TI	Н	1/2	2TBE&J
INCLUDED			00'	18		6		18	6			12
	GAC3455	455TOP /		(1GGX	В	GK3GGX	CPC	2.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED				1		3		3	1			3

#### 170' ROHN 45G

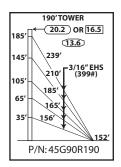
All parts shown in table are included when ordering Part No: 45G90R170

	180'TOWER
1	
165′	20.5 OR 16.7
	219′
125′	_1/A" FHS
	191′ (665#)
85′	167' F3/16" EHS
	(399#)
45′	151'
	***
1 —	144′
	P/N: 45G90R180

TOWER PARTS	45G	45	AG2	ı	BPC45G	GA45G	D	FI BASE	DNS ANCH	IOR	
INCLUDED	17		1		1	4		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8THH	1/2T	BE&J	
INCLUDED	1625'	700'	18		6	18		6	12		
ANCHORS & GROUNDING	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBSA	FETY
INCLUDED	3		1		3	3		1		3	3

180' ROHN 45G All parts shown in

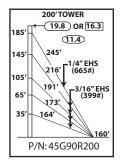
table are included when ordering Part No: 45G90R180



	450	45.00	DD0450	CA 45CD	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	18	1	1	5	CB1G AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY
INCLUDED	3050'	30	30	15	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 190' ROHN 45G

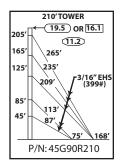
All parts shown in table are included when ordering Part No: 45G90R190



TOWER BARTO	45G	BP	C45G	APL45G		GA45GD		DNS		
TOWER PARTS INCLUDED	20		1		1	5	BASE CB1G	ANCH AB2		
GUYS &	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	1 3/8THH	1/2TE	BE&J	
CONNECTIONS INCLUDED	2375'	800'	24		6	24	6	1	5	
ANCHORS &	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	5 3/4x <sup>2</sup>	12PP	TBSA	FETY
GROUNDING INCLUDED	3		1		3	3		1	(	3

#### 200' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R200



TOWER PARTS	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
INCLUDED	21	1	1	5	CB2G	AB2	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBS	AFETY	7
INCLUDED	2900'	30	30	15		6	All are i
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4	x12PP	F
GROUNDING INCLUDED	6	2	3	6		1	

#### 210' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R210

	220'TOWER
205′	19.3 OR 16.0
165′	270' -1/4" EHS 241' (665#)
125′	216' / 3/16" EHS (399#)
85′	113
45′	87′
-	<b>75' 176'</b> P/N: 45G90R220

TOWER PARTS	45G	BP	BPC45G		APL45G	GA45GD	BASE	INN ANC	ER HOR	OUTER ANCHOR	
INCLUDED	22		1		1	5	CB2G	AB1		AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG2142		BG2144	5/16THH	3/87	3/8THH		1/2TBE&J	
INCLUDED	2100'	875'	375' 24		6	24	(	ĉ	15		
ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4	x12F	12PP TBS		ΞΤΥ
GROUNDING INCLUDED	6		2		3	6		1	6		

#### 220' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R220

Γ		230'TOWER
	225′	19.1 OR 15.8
ŀ	185′	291′
ŀ	145′	261′
ŀ	105′	234' 73/16" EHS (399#)
1	65′	85'
1	35′	65'
1		55′ 184′
١		P/N: 45G90R230

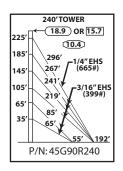
TOWER PARTS	45G	APL45G	BPC45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR
INCLUDED	23	1	1	6	CB2G	AB1	AB2
GUYS & CONNECTIONS	3/16EHS	BG2142	5/16THH	1/2TBE&J	TBSAFETY		
INCLUDED	3675'	36	36	18		6	AII
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP		are i
GROUNDING INCLUDED	6	2	3	6		1	

#### 230' ROHN 45G

All parts shown in table are included when ordering Part No: 45G90R230



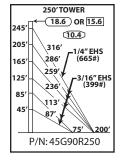




TOWER PARTS	45G	BPO	C45G	APL45G	GA45GD	BASE	INNE ANCH	OUTER ANCHOR
INCLUDED	24		1	1	6	CB2G	AB	1 AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12 BG2144	5/16THH	3/8TI	НН	1/2TBE&J
INCLUDED	2800'	950'	30	6	30	6		18
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.75	3/4x12	2PP 7	<b>FBSAFETY</b>
GROUNDING INCLUDED	6		2	3	6	1		6

## 240' ROHN 45G

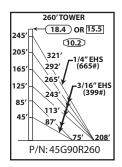
All parts shown in table are included when ordering Part No: 45G90R240



TOWER PARTS	45G	BPG	BPC45G		APL45G	GA45GD	BASE	INN	IER HOR	OUTER ANCHOR
INCLUDED	25		1		1	6	CB2G	AB1		AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/8TI	НН	1/2	TBE&J
INCLUDED	3125'	1025'	30		6	30	6	6		18
	GAC3455TC	P AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	6		2		3	6	1			6

#### 250' ROHN 45G

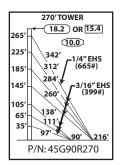
All parts shown in table are included when ordering Part No: 45G90R250



TOWER PARTS	45G	BPG	C45G	APL45G	GA45GD	BASE	INNER ANCHO	OUTER ANCHOR
INCLUDED	26		1	1	6	CB3G	AB2	AB2
GUYS &	3/16EHS	1/4EHS	BG21	42 BG2144	5/16THH	3/8TH	HH 1	/2TBE&J
CONNECTIONS INCLUDED	3200'	1025'	30	6	30	6		18
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.75	3/4x12	2PP TE	BSAFETY
GROUNDING INCLUDED	6		2	3	6	1		6

#### 260' ROHN 45G

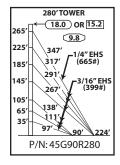
All parts shown in table are included when ordering Part No: 45G90R260



TOWER PARTS	45G	BP	C45G	1	APL45G	GA45GD	BASE	INN ANCI	ER HOR	OUTER ANCHOR
INCLUDED	27		1		1	7	CB3G	33G AB		AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/8TI	НН	1/2	TBE&J
INCLUDED	3825'	1100'	36		6	36	6			21
	GAC3455TC	DP AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	6		2		3	6	1			6

2/0' KOHN 45G
---------------

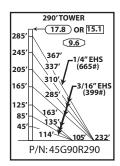
All parts shown in table are included when ordering Part No: 45G90R270



TOWER PARTS	45G	BPO	C45G	,	APL45G	GA45GD	BASE	INN ANCI	IER HOR	OUTER ANCHOR
INCLUDED	28		1		1	7	CB3G	AB	32	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8TH	ΗН	1/2	TBE&J
INCLUDED	3900'	1125'	36		6	36	6			21
	GAC3455TC	AGK	1GGX	В	GK3GGX	CPC.5/.75	3/4x12	PP	TBS	SAFETY
GROUNDING INCLUDED	6		2		3	6	1			6

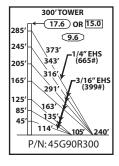
#### 280' ROHN 45G

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



TOWER PARTS	45G	BPG	C45G	A	APL45G	GA45GD	BASE	INN ANCI	IER HOR	OUTER ANCHOR
INCLUDED	29		1		1	7	CB3G	AB	32	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42	BG2144	5/16THH	3/8TI	НН	1/2	TBE&J
INCLUDED	4275'	1175'	36		6	36	6			21
	GAC3455TC	P AGK	1GGX	ВС	GK3GGX	CPC.5/.75	3/4x12	2PP	TBS	SAFETY
GROUNDING INCLUDED	6		2		3	6	1			6

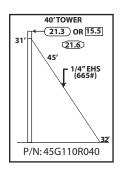
#### 290' ROHN 45G All parts shown in table are included when ordering Part No: 45G90R290



TOWER PARTS	45G	BP	C45G	APL45G	GA45GD	BASE	INNER ANCHO	OUTER ANCHOR
INCLUDED	30		1	1	7	CB3G	AB2	AB2
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	42 BG2144	5/16THH	3/8TI	-HH 1.	/2TBE&J
INCLUDED	4350'	1200'	36	6	36	6		21
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.75	3/4x12	2PP TE	SAFETY
GROUNDING INCLUDED	6		2	3	6	1		6

#### 300' ROHN 45G All parts shown in table are included when ordering Part No: 45G90R300

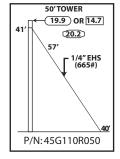




TOWER BARTO	45G	45AG2	BPC45G	GA45GD	FDNS
TOWER PARTS			2. 0.00	0,11002	BASE ANCHO
INCLUDED	3	1	1	1	CB1G AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFET
INCLUDED	150'	6	6	3	3
ANCHORS &	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
GROUNDING INCLUDED	3	1	3	3	1

#### 40' ROHN 45G

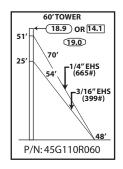
All parts shown in table are included when ordering Part No: 45G110R040



	450	45AG2	DDC450	GA45GD	FDNS
TOWER PARTS	45G	45AG2	BPC45G	GA45GD	BASE ANCHOR
INCLUDED	4	1	1	1	CB1G AB2
GUYS & CONNECTIONS	1/4EHS	BG2144	3/8THH	1/2TBE&J	TBSAFETY
INCLUDED	200'	6	6	3	3
ANCHORS & GROUNDING	GAC3455TOP	AGK1GGX	BGK3GGX	CPC.5/.75	3/4x12PP
INCLUDED	3	1	3	3	1

#### 50' ROHN 45G

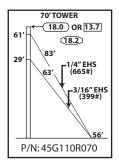
All parts shown in table are included when ordering Part No: 45G110R050



TOWER PARTS	45G	45	45AG2		BPC45G	GA45GD		FDNS BASE ANCHOR			
INCLUDED	5		1	1		2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	12	BG2144	5/16THH	3/8THH		1/2TBE&J		
INCLUDED	175'	225'	6		6	6		6	6		
ANCHORS & GROUNDING	GAC3455TC	PAGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
INCLUDED	3		1		3	3			1		3

#### 60' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R060



										_		
TOWER PARTS	45G	45	AG2	BPC4	BPC45G		D		DNS ANCHOR			
INCLUDED	6		1	1		2		B1G	AB2			
GUYS &	3/16EHS 1	/4EHS	BG214	12 BG2	144	5/16THH	3/8	THH	1/2TBE	<b>&amp;</b> J		
CONNECTIONS INCLUDED	225'	275'	6	6		6		6	6			
ANCHORS & GROUNDING	GAC3455TC	P AGK	1GGX	BGK30	3GX	CPC.5/.	75	3/4	3/4x12PP		SAFETY	
INCLUDED	3		1	3		3		1		3		

70' ROHN 45G
All parts shown in
table are included
when ordering

when ordering Part No: 45G110R070

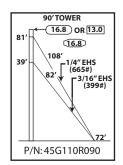
	80'TOWER							
71′	17.4 OR 13.4							
35′	96' 73' 1/4" EHS (665#)							
	73/16" EHS (399#)							
P/N: 45G110R080								

TOWER PARTS	45G	45	15AG2		3PC45G	GA45G	D		ONS ANCHOR			
INCLUDED	7		1		1	2		CB1G	AB2			
GUYS & CONNECTIONS	0,10=110		EHS BG214		BG2144	5/16THH	/16THH 3/8TH		1/2TBE&			
INCLUDED	250'	325'	6		6	6		6	6			Р
	GAC3455TOI	AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	TBSAFE		
GROUNDING INCLUDED	3		1		3	3		1		3		

**80' ROHN 45G**All parts shown in table are included

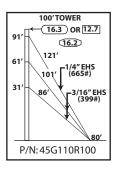
when ordering Part No: 45G110R080





TOWER PARTS	45G	4:	45AG2		BPC45G	GA45G	D		ONS ANCHOR		
INCLUDED	8		1		1	2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EH	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TBE	&J	
INCLUDED	275'	350'	6		6	6		6	6		
	GAC3455TC	OP AGI	K1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3		1		3	3			1		3

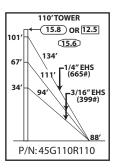
90' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R090



TOWER PARTS	45G	45	AG2	BPC45G	GA45GI		FDNS E ANCHOR		
INCLUDED	9		1	1	3	CB1	G AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	BG2144	5/16THH	3/8TH	H 1/2TBE	<b>&amp;</b> J	
INCLUDED	600'	400'	12	6	12	6	9		
	GAC3455TC	OP AGK	1GGX	BGK3GG	CPC.5/.	75 3	/4x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3		1	3	3		1		3

100' ROHN 45G All parts shown in table are included

when ordering Part No: 45G110R100



TOWER PARTS	45G		45AG2		ı	BPC45G	GA45GI	D	FDNS BASE ANCHOR			
INCLUDED	10			1		1	3		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4E	HS	BG214	12	BG2144	5/16THH	3/8	втнн	1/2TBE	<b>&amp;</b> J	
INCLUDED	675'	45	0'	12		6	12		6	9		
	GAC3455T0	OP A	ιGΚ	1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	ТВ	SAFETY
GROUNDING INCLUDED	3			1		3	3			1		3

110' ROI	HN 45G
All parts s	shown in
table are i	ncluded

when ordering Part No: 45G110R110

	120′TOWER 15.4 OR 12.2
111′	(15.2)
75′	147' 122' 14" EHS (665#)
35′	102' \( \begin{align*}     3/16" EHS (399#) \end{align*}
 P	96' /N: 45G110R120

TOWER PARTS	45G	45	AG2	BPC45G	GA45GE	)	DNS ANCHO	R
INCLUDED	11		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TB	E&J
INCLUDED	725'	475'	12	6	12	6	9	
ANCHORS &	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.7	5 3/4x1	2PP T	BSAFETY
GROUNDING INCLUDED	3		1	3	3	1		3

120' KO	HN 45G
All parts	shown in

table are included when ordering Part No: 45G110R120

	130'TOWER
12	15.1 OR 12.0 14.8
78	, 160' 1/4" EHS 130' (665#)
3	
	104'
	P/N: 45G110R130

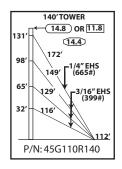
TOWER PARTS	45G	45	AG2	ı	BPC45G	GA45G	D		DNS ANCH	IOR	
INCLUDED	12		1		1	3		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8ТНН	1/2TE	3E&	J
INCLUDED	775'	525'	12		6	12		6	(	9	
ANCHORS &	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1			3

#### 130' ROHN 45G All parts shown in

table are included when ordering Part No: 45G110R130

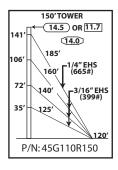






TOWER PARTS	45G	45	AG2	E	BPC45G	GA45G	D		DNS ANCH	OR	
INCLUDED	13		1		1	4		CB1G	AB2	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	зтнн	1/2TE	BE&J	
INCLUDED	1275'	550'	18		6	18		6	1:	2	
ANCHORS &	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4x <sup>2</sup>	12PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1			3

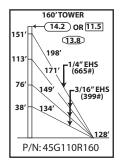
# 140' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R140



TOWER PARTS	45G	45	AG2	E	BPC45G	GA45GI	כ	BASE	DNS ANCI	HOR	
INCLUDED	14		1		1	4		CB1G	AB	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/	8THH	1/2T	BE&	J
INCLUDED	1375'	600'	18		6	18		6	1	12	
ANCHORS &	GAC3455T0	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBS	AFETY
GROUNDING INCLUDED	3		1		3	3		1			3

#### 150' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R150



	45G	15	AG2	_	BPC45G	GA45G	<u> </u>	F	DNS		
TOWER PARTS	436	40	AGZ		DFC43G	GA43G		BASE	ANCHO	DR	
INCLUDED	15		1		1	4		CB2G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	8THH	1/2TB	E&J	
INCLUDED	1450'	650'	18		6	18		6	12	2	
ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x	12PP	TBS	SAFETY
GROUNDING INCLUDED	3		1		3	3		1			3

#### 160' ROHN 45G

All parts shown in table are included when ordering Part No: 45G110R160

	170'TOWER
161	← 14.0 OR 11.4
101	13.6
	211′
128′	187' F 1/4" EHS
96′	166' (605#)
64'	
	150' \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
32'	140′
	X
	136′
P	/N:45G110R170

TOWER PARTS	45G	45A0	G2	В	PC45G	GA45G	D		DNS ANCHOR		
INCLUDED	16	1			1	5	(	CB2G	AB3		<b>1</b>
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG2	142	BG2144	5/16THH	3/8	3THH	5/8TBE	&J	ta
INCLUDED	2050'	675'	24		6	24		6	15		Pa
ANCHORS & GROUNDING	GAC5655TO	P AGK10	GGX	ВС	SK3GGX	CPC1/1	.25	3/4	x12PP	TE	SAFETY
INCLUDED	3	1			3	3			1		3

1	70′	RO	ΗN	45G

All parts shown in table are included when ordering Part No: 45G110R170

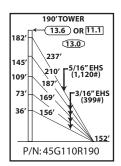
180' ROHN 45G
All parts shown in table are included when ordering
Part No: 45G110R180

	180'TOWER
172′	13.8 OR 11.2
135′ 99′	224' 197' –5/16" EHS (1,120#)
66′	175' 158' \(\mathbb{G}^3/16'' \text{EHS} \\((399#)\)
33′	148'
P	/N:45G110R180

											FDNC		
TOWER PARTS	45G	45G	45GL2*		PC45G	GA45GD		APL4	15G	BASE	FDNS ANCHOR		
INCLUDED	17	1	1		1	5		1		1 CE		1 CB20	
GUYS & CONNECTIONS	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/1	6THH	5/87	TBE&	J		
INCLUDED	2175'	725'	24	ļ	6	24		6		15			
ANCHORS & GROUNDING	GAC5655TC	P AGK1	GGX	ВС	SK3GGX	CPC1/1	.25	3/4	x12F	PP T	BSAFETY		
INCLUDED	3	1			3	3			1		3		

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





TOWER PARTS	45G	45GI	_2*	В	PC45G	GA45G	D	APL4	I5G	BASE	FDNS ANCHOR
INCLUDED	18	1			1	5		1		CB2C	AB3
GUYS & CONNECTIONS	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/16	STHH	5/87	ГВЕ&	J
INCLUDED	2300'	725'	24	ŀ	6	24		6		15	
ANCHORS &	GAC5655TC	P AGK10	GGX	BG	SK3GGX	CPC1/1	.25	3/4	x12F	PP T	BSAFET
GROUNDING INCLUDED	3	1			3	3			1		3

# 190' ROHN 45G All parts shown in table are included when ordering Part No: 45G110R190

	200'TOWER
Iг	13.4 OR 11.0
192′	10.6
155′	250'
115′	223' 5/16" EHS (1,120#)
75′	177' \  \( \begin{picture}(3) \\ (399#) \end{picture} \]
35′	164'
	160′
P	/N:45G110R200

TOWER PARTS	45G	45GI	L2*	В	PC45G	GA45GD		APL45G			FDNS ANCHOR
INCLUDED	19	1	1		1	1 5		1	1 CI		
GUYS &	3/16EHS	142265	BG2	142	BG2146	5/16THH	7/16	3THH	5/87	BE&	J
CONNECTIONS INCLUDED	2425'	800'	24	1	6	24		6		15	
ANCHORS &	GAC5655TC	P AGK1	GGX	ВС	K3GGX	CPC1/1.	.25	3/4	x12F	PP T	BSAFETY
GROUNDING INCLUDED	3	1			3	3			1		3

#### 200' ROHN 45G All parts shown in table are included

table are included when ordering Part No: 45G110R200

	210'TOWER
202'	<b>13.2</b> OR 10.9
202	(10.4)
167	10.4
167	\ \263'
	237' F 5/16" EHS
133′	(1,120#)
99'	214' -3/16" EHS
1 11	(399#)
65'	195/
"	-\ \ <b>X</b> \
33'	85′ 💉 📉
33	64' 1
	X
I - I	55' 168'
l p	/N: 45G110R210
	/14. 43 61 10112 10

TOWER PARTS	45G	BP	C45G	45GL	.2*	APL45G	GA45GD	BASE	INNER ANCHOR	OUTER ANCHOR	
INCLUDED	20		1	1		1	6	CB3G	AB2	AB3	
	3/16EH	HS	S 142265		5 BG2142		BG2146	5/1	6THH		
GUYS & CONNECTIONS	2550	,	85	50'		30	6		30		
INCLUDED			1/2TBE&J		5/8	BTBE&J	TBSAFET	/ 3/4	x12PP		
	6			6		12	6		1		
ANCHORS & GROUNDING	GAC5655	<b>ТОР</b>	GAC34	155TOP	AG	K1GGX	BGK3GGX	CPC	CPC.5/.75		1.25
INCLUDED	3	;		3		2	3		3	3	

#### 210' ROHN 45G

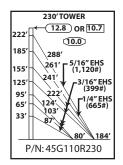
All parts shown in table are included when ordering Part No: 45G110R210

	220'TOWER
212	13.0 OR 10.8
175'	276′
139'	248' F 5/16" EHS
105′	224'3/16" EHS
69'	205' (399#) F1/4"EHS
35'	91' (665#)
	69 X
<del> </del>	/N: 45G110R220
L ''	

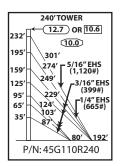
TOWER PARTS	45G	BPC	C45G 45GL2* APL4		APL45G	GA45GD	BAS	SE	INNER ANCHOR	OUTER ANCHOR				
INCLUDED	21		1	1		1	6	CB	3G	AB2	AB3	1		
	3/16EI	HS	1/4	EHS	1	42265	BG2142		ВG	2144	BG214	6	220' ROH All parts sh	
GUYS & CONNECTIONS	1875	5'	80	00'		900'	24	24 6 6			table are in when ord			
INCLUDED	5/16TI	НН	3/8	ТНН	7/	16THH	1/2TBE&J	1 5	5/8	TBE&J	TBSAFET	Υ	Y Part No: 45G110	
	24		(	6		6	6	12 6		6				
ANCHORS & GROUNDING	GAC565	5ТОР	GAC3	455TOP	AG	K1GGX	BGK3GGX	С	PC	.5/.75	CPC1/1	.25	3/4X12PP	
INCLUDED	3		;	3		2	3		;	3	3		1	

<sup>\* 45</sup>GL2 Lug section required for 5/16" guy



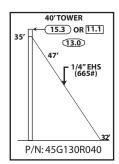


TOWER PARTS	45G	BPC4	SG APL45	G GA45GD	45GL2*	GL2* BASE INNE		OUTER ANCHOR						
INCLUDED	22	1	1	7	1 (	CB3G	AB2	AB3						
	3/16	EHS	1/4EHS	142265	BG2142	ВС	G2144	BG2146		230' ROHN 45G All parts shown in				
GUYS & CONNECTIONS	24	75'	850'	925'	30		6 6			table are in when ord				
INCLUDED		THH	3/8THH	7/16THH	1/2TBE&J	5/8	TBE&J	TBSAFE	ΞΤΥ	Part No: 45G	110R230			
	3	30	6	6	9		12	6						
ANCHORS & GROUNDING	0,00		GAC5655TOF	AGK1GGX	BGK3GGX	CPC	0.5/.75	CPC1/1	.25	3/4x12PP				
INCLUDED		3	3	2	3		3	3		1				



TOWER PARTS	45G	BPC4	5G APL450	GA45GD	45GL2*	BASE	INNER ANCHOR	OUTER ANCHOR						
INCLUDED	23	1	1	7	1	CB3G	AB2	AB3						
	3/16	EHS	1/4EHS	142265	BG2142	ВС	92144	BG2146		BG2146		240' ROHN 4		
GUYS & CONNECTIONS	25	25'	875'	975'	30		6 6		All parts shown in table are included					
INCLUDED	5/16	THH	3/8THH	7/16THH	6THH 1/2TBE&J 5/8TBE		TBE&J	TBSAFETY		When ordering Part No: 45G110R24				
	3	30	6	6	9		12	6						
ANCHORS & GROUNDING	GAC34	455TOP	GAC5655TOP	AGK1GGX	BGK3GGX	CPC	C.5/.75	CPC1/1	.25	3/4x12PP				
INCLUDED	;	3	3	2	3		3	3		1				

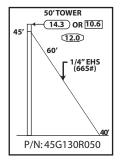
<sup>\* 45</sup>GL2 Lug section required for 5/16" guy



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

### 40' ROHN 45G

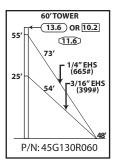
All parts shown in table are included when ordering Part No: 45G130R040



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

#### 50' ROHN 45G

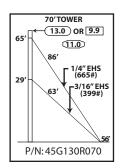
All parts shown in table are included when ordering Part No: 45G130R050



TOWER PARTS	45G	45	AG2	BPC45G	GA45GD			DNS ANCHOR		
INCLUDED	5		1	1	2		B1G			
GUYS &	3/16EHS 1	/4EHS	BG214	BG2144	5/16THH	3/8	THH	1/2TBE	&J	
CONNECTIONS INCLUDED	175'	250'	6	6	6		6	6		
ANCHORS & GROUNDING	GAC3455TO	AGK	1GGX	BGK3GGX	CPC.5/.	75	3/4	x12PP	TI	BSAFETY
INCLUDED	3		1	3	3			1		3

#### 60' ROHN 45G

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



TOWER PARTS	45G	45	AG2	Е	BPC45G	GA45GI	D -		DNS ANCHOR		
INCLUDED	6		1	1		2	(	CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	тнн	1/2TBE	&J	
INCLUDED	225'	275'	6		6	6		6	6		
	GAC3455T0	OP AGK	(1GGX	В	GK3GGX	CPC.5/.	75	3/4	x12PP	TE	BSAFETY
GROUNDING INCLUDED	3		1	3		3		1			3

70' ROHN 45G
All parts shown in
table are included
when ordering

when ordering Part No: 45G130R070

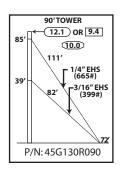
	80'TOWER
75'	12.5 OR 9.6
	99'
35′	1/4" EHS (665#)
	73' (399#)
	<b>V</b>
_	64'
F	P/N: 45G130R080

TOWER PARTS	45G	45	AG2	BPC45G	GA45G	D BA		ONS ANCHOR		
INCLUDED	7		1	1	2	CE	B1G	AB2		
GUYS & CONNECTIONS	3/16EHS 1	/4EHS	BG214	BG2144	5/16THH	3/8T	ΉН	1/2TBE	&J	
INCLUDED	250'	325'	6	6	6	6	3	6		
	GAC3455TC	P AGK	1GGX	BGK3GGX	CPC.5/.	75	3/4	x12PP	TI	BSAFETY
GROUNDING INCLUDED	3		1	3	3		1		3	

80' ROHN 45G All parts shown in table are included when ordering Part No: 45G130R080







TOWER PARTS INCLUDED	45G		45	AG2	ı	BPC45G	GA45G	D		DNS ANCHO	R	
	8		1			1	2		CB1G	AB2		
GUYS & CONNECTIONS	3/16EHS	1/4EI	НS	BG214	12	BG2144	5/16THH	3/8	втнн	1/2TBI	E&J	
INCLUDED	275'	375	5'	6		6	6		6	6		
ANCHORS & GROUNDING INCLUDED	GAC3455T0	OP A	GΚ	1GGX	В	GK3GGX	CPC.5/.	75	3/4>	(12PP	TBS	SAFETY
	3		1			3	3			1		3

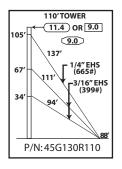
90' ROHN 45G All parts shown in table are included when ordering Part No: 45G130R090

95'- 61'- 31'-	100'TOWER 11.7 OR 9.2 9.6 124' 101' 1/4" EHS (665#) 73/16" EHS (399#)
P.	/N: 45G130R100

TOWER PARTS	45G	45	AG2	BPC45G	GA45GI	)	DNS ANCHO	R
INCLUDED	9		1	1	3	CB1G	AB2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	2 BG2144	5/16THH	3/8THH	1/2TB	E&J
INCLUDED	600'	400'	12	6	12	6	9	
ANCHORS &	GAC3455TC	OP AGK	1GGX	BGK3GGX	CPC.5/.	75 3/4x	12PP	TBSAFETY
GROUNDING INCLUDED	3		1	3	3		1	3

## 100' ROHN 45G

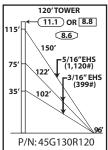
All parts shown in table are included when ordering Part No: 45G130R100



TOWER PARTS	45G	45	45AG2		BPC45G	GA45GD		FDNS BASE ANCH		OR	
INCLUDED	10		1		1	3		CB1G	AB2	2	
GUYS & CONNECTIONS	3/16EHS	1/4EHS	BG214	12	BG2144	5/16THH	3/8	8THH	1/2T	BE&J	
INCLUDED	675'	450'	12		6	12		6	Ś	9	
ANCHORS &	GAC3455TC	OP AGK	1GGX	В	GK3GGX	CPC.5/.7	75	3/4x1	2PP	TBSA	FETY
GROUNDING INCLUDED	3		1		3	3			1	3	i

#### 110' ROHN 45G

All parts shown in table are included when ordering Part No: 45G130R110



TOWER PARTS	45G	45	GL5*	Е	BPC45G	GA45G	D	APL	45G	BAS	FDNS E ANCH	OR
INCLUDED	11		1		1	3		1		CB1	G AB2	
GUYS & CONNECTIONS	3/16EHS 1	42265	BG214	12	BG2146	5/16THH	7/1	6THH	1/2TBI	E&J	5/8TBE	&J
INCLUDED	725'	500'	12		6	12		6	6		3	P
ANCHORS &	GAC3455TO	AGK	1GGX	В	GK3GGX	CPC.5/.	75	3/4x	12PP	TE	SAFET	Υ
GROUNDING INCLUDED	3		1		3	3			1		3	

120' ROHN 450	G
All parts shown in	ı
table are included	

when ordering art No: 45G130R120

	130'TOWER
125′	10.9 OR 8.6 8.2
78′ 35′	163' 5/16"EHS (1,120#) 130' 3/16"EHS (399#) 110' 1/4"EHS (665#)
F	P/N: 45G130R130

TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G	FDNS BASE ANCHOR
INCLUDED	12	1	1	3	1	CB2G AB3
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG2146
GUYS & CONNECTIONS	350'	425'	525'	6	6	6
INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY	
	6	6	6	9	3	
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP	
GROUNDING						

#### 130' ROHN 45G

All parts shown in table are included when ordering Part No: 45G130R130

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



1

3

**INCLUDED** 

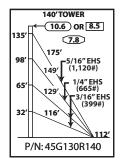
**INCLUDED** 

**ANCHORS &** 

GROUNDING INCLUDED

3

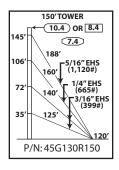
## **STANDARD DESIGN - 45G** 130MPH REV. G, 110MPH REV. F



							DNIC
TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G		DNS ANCHOR
INCLUDED	13	1	1	4	1	CB2G	AB3
	3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146
GUYS & CONNECTIONS	800'	475'	575'	12	6		6
INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
	12	6	6	12	3		
ANCHORS & GROUNDING	GAC5655TOP	AGK1GGX	BGK3GGX	CPC1/1.25	3/4x12PP		
GROUNDING						1	

#### 140' ROHN 45G All parts shown in

table are included when ordering
Part No: 45G130R140



ı								DNIC
	TOWER PARTS	45G	45GL5*	BPC45G	GA45GD	APL45G	$\overline{}$	DNS
							BASE	ANCHOR
	INCLUDED	14	1	1	4	1	CB2G	AB3
		3/16EHS	1/4EHS	142265	BG2142	BG2144	BG	2146
	GUYS & CONNECTIONS	850'	525'	600'	12	6		6
	INCLUDED	5/16THH	3/8THH	7/16THH	5/8TBE&J	TBSAFETY		
		12	6	6	12	3		

150' ROHN 45G All parts shown in table are included

when ordering Part No: 45G130R150

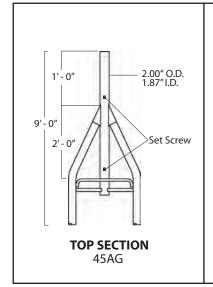
1

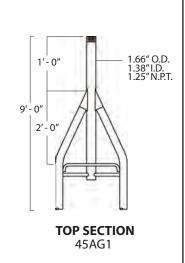
GAC5655TOP AGK1GGX BGK3GGX CPC1/1.25 3/4x12PP

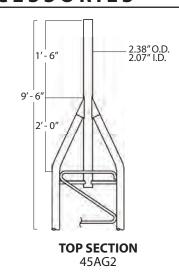
3

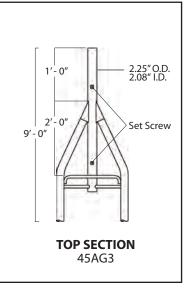
<sup>\* 45</sup>GL5 Lug section required for 5/16" guy

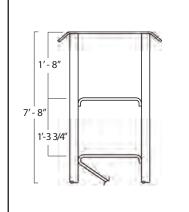
## PARTS & ACCESSORIES



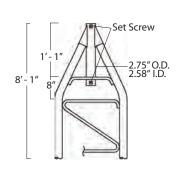




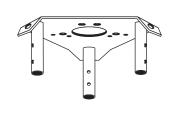




TOP SECTION
45AG4
TOP PLATE HOLE PATTERN IS THE SAME
AS BPL45G.

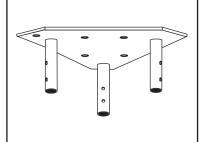


**TOP SECTION** 45AG5

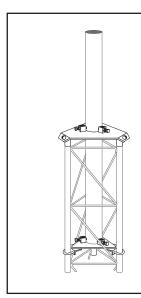


BPL45G
CONVERTS STANDARD SECTION TO A
TOP SECTION. HOLE PATTERN FITS
TB3 (2"O.D.) AND TB4 (3"O.D.)
THRUST BEARINGS.

**BEARING PLATE** 

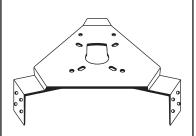


TOP PLATE
APL45G
FOR MOUNTING BEACON
OR LIGHTNING ROD.



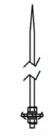
#### **TOP MOUNT**

45TDMKD - NO MAST 45TDM2S3KD - 2 3/8" O.D. MAST 45TDM25S3KD - 2 7/8" O.D. MAST 45TDM3S3KD - 3 1/2" O.D. MAST 45TDM35S3KD - 4" O.D. MAST 45TDM4S3KD - 4 1/2" O.D. MAST MOUNTING TUBE PROVIDED IS 7'LONG.



#### ACCESSORY SHELF AS455G

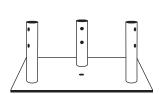
FOR MOUNTING MANY POPULAR ROTORS. FIELD DRILLING MAY BE NECESSARY FOR SOME ROTORS.



#### **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.

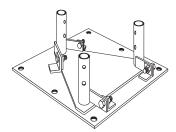
CONCRETE BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### 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.

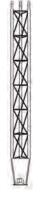
HINGED BASE PLATE IS TO BE USED FOR BRACKETED AND GUYED APPLICATIONS ONLY.



#### **BASE BOLT**

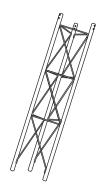
5/8X12BB FOR USE WITH BPH45G

(6) REQUIRED, ORDERED SEPARATELY.



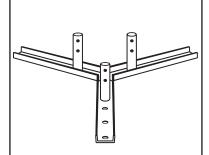
## **TAPERED BASE** 45TG\*

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\*

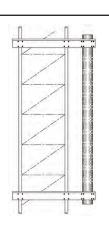
BOLTS DIRECTLY TO FLAT ROOF SURFACE.



#### SIDE ARM BRACKET

SA253UA

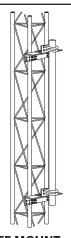
MOUNTING TUBE PROVIDED IS 3' LONG, 2 - 1/4" O.D.



#### **DISH MOUNT**

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

MAST TUBE PROVIDED IS 5'LONG.



### FACE MOUNT

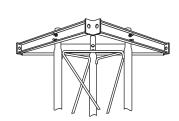
DM45G2 - 2 3/8" O.D. 5' LONG DM454 - 4 1/2" O.D. 5' LONG



#### HEAVY DUTY UNIVERSAL HOUSE BRACKET

**HBUTVRO** 

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



## TORQUE ARM STABILIZER ASSEMBLY

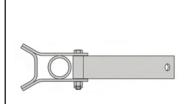
**TA45** 

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.

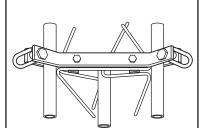


## PARTS & ACCESSORIES

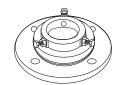


TORQUE BAR
TB45D
OPTIONAL, FOR USE WITH GA45GD.
REQUIRES (1) 3/8"SHACKLE

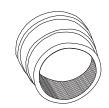
FOR EACH BAR.



GUY BRACKET
GA45GD
MOUNTS TO TOWER AT ANY
HORIZONTAL BRACE.



BÉARÍNG
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. TB75 - 1-1/2" I.D. X 2" O.D. FOR USE ON 45AG TOP SECTION

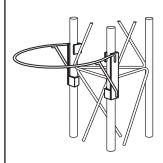


ANTI-CLIMB PANELS VW913A THREE ANTI-CLIMB PANELS BOLT

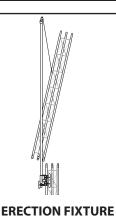
TO STANDARD TOWER SECTION.



WORK PLATFORM
WP45G
SNAPS INTO PLACE AT ANY LEVEL.
NO BOLTS REQUIRED.



SAFETY RING
SR245
SNAPS INTO PLACE AT ANY LEVEL.
NO BOLTS REOLIBED.



EF2545 - 2 1/2" SHEAVE WITH 3/8" I.D. GROOVE.
NOTE: ERECTION FIXTURES ARE FOR

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



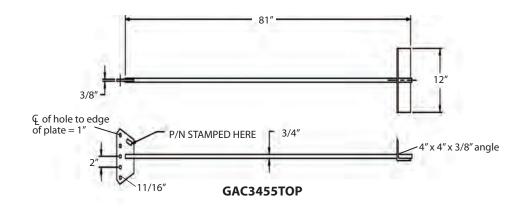
SAFETY CABLE SLIDER WITH CARABINEER TT-WG-500-W/SMC

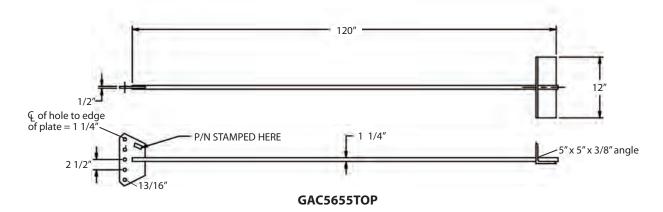
## SAFETY CABLE SYSTEM ORDERING INFORMATION

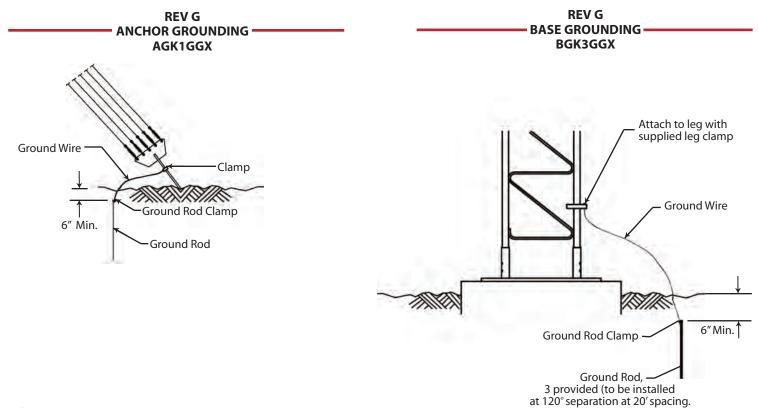
TOWER HEIGHT	PART NUMBER
50′	TT0504555
100′	TT1004555
150′	TT1504555
200'	TT2004555
250′	TT2504555
300′	TT3004555
350'	TT3504555

SAFETY CABLE SLIDER AND CLIMBING HARNESS MUST BE ORDERED SEPARATELY.

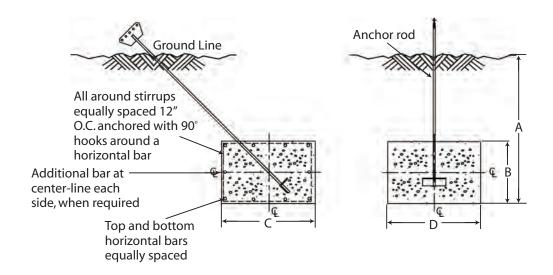
## **ANCHOR INFORMATION**







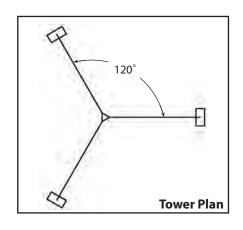
## STANDARD ANCHOR BLOCKS

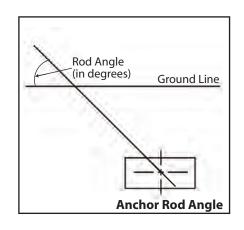


#### Refer to page 68 for anchor rod installation angles.

Diagram Anchor		or Dim	or Dimensions (in.)		Horizontal Bars	Stirrup Size	Concrete Vol.
Block	Α	В	C	D	(Qty. & Size)	& Spacing	(Cu. Yds.)
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



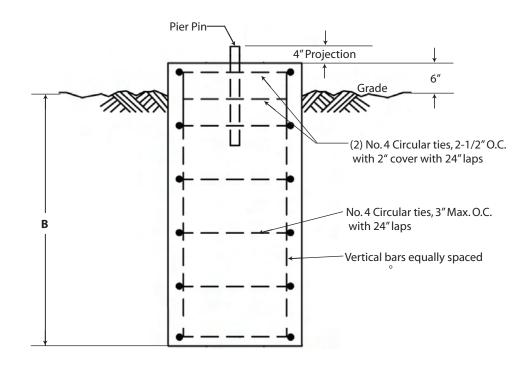


45G   90MPH						
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle		
40′	GAC3455TOP	45	-	-		
50′	GAC3455TOP	46	-	-		
60′	GAC3455TOP	43	-	-		
70′	GAC3455TOP	43	-	-		
80′	GAC3455TOP	41	-	-		
90′	GAC3455TOP	42	-	-		
100′	GAC3455TOP	42	-	-		
110′	GAC3455TOP	40	-	-		
120′	GAC3455TOP	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		

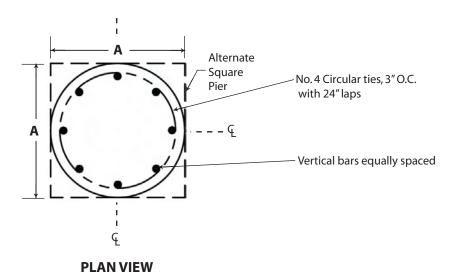
45G   110MPH					
Tower Height	Inner Rod Number	Inner Rod Angle	Outer Rod Number	Outer Rod Angle	
40′	GAC3455TOP	45	-	-	
50′	GAC3455TOP	46	-	-	
60′	GAC3455TOP	41	-	-	
70′	GAC3455TOP	41	-	-	
80′	GAC3455TOP	41	-	-	
90'	GAC3455TOP	41	-	-	
100′	GAC3455TOP	39	-	-	
110′	GAC3455TOP	39	-	-	
120′	GAC3455TOP	39	-	-	
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	Rod	Rod		
Height	Number	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**



Base	Α	В	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

<sup>\*</sup> Square pier option must be used for CB1G.

