

POLES



PRE-ENGINEERED UTILITY POLES



PRE-ENGINEERED UTILITY POLES

GENERAL USE

ROHN Pre-Engineered steel utility poles offer a light duty solution to satisfy utilities desiring an alternative to wood poles. ROHN's line of Pre-Engineered poles are lighter than typical wooden and concrete poles and provide easy installation and low maintenance. ROHN offers Pre-Engineered poles for either direct embed or flange installations. The poles come standard with a hot-dip galvanized coating, but can also be painted or fabricated with weathering steel.

FEATURES

- Fast, easy installation
- Each pole ships with the following:
 - Standard ground sleeve (at grade)
 - Standard sub-grade corrosion coating to 6" above grade
 - Cap plate
 - (2) 4" Nema Ground Lugs
 - Bearing Plate with drain hole
 - Jacking Lugs (at slip splices)
- Optional items are available and may be ordered separately:
 - Step attachment clips
 - Climbing pegs / step bolts
 - Safety climb device
 - Port holes
 - Flanged base
 - Painted finish
- Custom designs are available for any height or application.

BUYERS GUIDE

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LBS)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H10RP040	12.0	21.2	0.230	1	1945	368
45	38.5	H10RP045	12.0	22.4	0.231	1	2253	420
50	43.0	H10RP050	12.0	23.5	0.230	1	2581	472
55	47.5	H10RP055	12.0	25.1	0.238	2	3074	523
60	52.0	H10RP060	12.0	26.3	0.238	2	3440	576
65	56.5	H10RP065	12.0	27.6	0.240	2	3896	627
70	61.0	H10RP070	12.0	28.8	0.240	2	4304	680
75	65.5	H10RP075	12.0	30.1	0.241	2	4765	730
80	70.0	H10RP080	12.0	31.3	0.241	2	5210	785
85	74.5	H10RP085	12.0	32.6	0.242	2	5666	834
90	79.0	H10RP090	12.0	33.8	0.242	2	6148	890
95	83.5	H10RP095	12.0	34.4	0.236	3	6779	937
100	88.0	H10RP100	12.0	35.7	0.237	3	7282	995
105	92.5	H10RP105	12.0	36.9	0.237	3	7918	1041
110	97.0	H10RP110	12.0	38.2	0.238	3	8459	1100
115	101.5	H10RP115	12.0	39.4	0.238	3	9153	1141
120	106.0	H10RP120	12.0	40.7	0.239	3	9731	1206

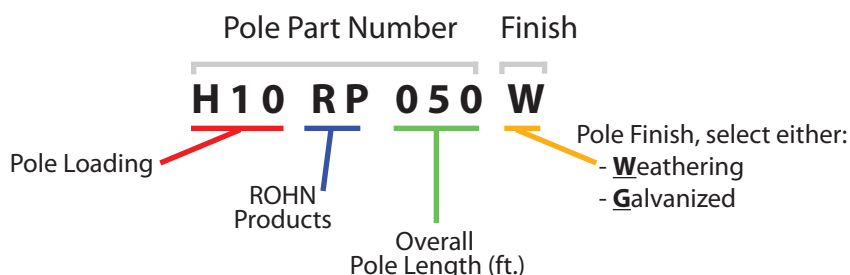
OTM @ 5' = 183 ft-kips

Overturning moment capacity at 5' below tip.

The part number shown in the chart includes the pole loading and the overall length of the structure.

The coating suffix (**W** or **G**) is added by the customer at the time of the order, along with any optional items (flanged base, step clips and safety device, ports, special grounding lugs, special ground sleeves and paint).

The example below provides a guide, for ordering convenience.



Diameters are out-to-out width between flats. Slope is change in diameter per foot of length.
Overturning moment capacity is at grade.

In the example shown, the customer is purchasing an H10RP, with an overall length of 50'. The pole is to be constructed of Weathering Steel, with a Direct Embed Base.

NOTE: Values in () indicate horizontal factored loads applied 2' from the tip.

H 1 0 R P (18,400# / 11,500#)

Equivalent factored load
for wood poles

Factored load for steel poles

Embedment depths illustrated may require adjustment based on local soil conditions.

PRODUCT DATA

C 1 R P (4,500# / 2,812#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	C1RP040	7.5	13.1	0.140	1	981	91
45	38.5	C1RP045	7.5	13.1	0.124	1	1092	103
50	43.0	C1RP050	7.5	13.1	0.112	1	1201	117
55	47.5	C1RP055	7.5	14.8	0.133	2	1442	128
60	52.0	C1RP060	7.5	14.8	0.122	2	1553	143
65	56.5	C1RP065	7.5	17.2	0.149	2	1876	153
70	61.0	C1RP070	7.5	17.2	0.139	2	1999	169
75	65.5	C1RP075	7.5	19.5	0.160	2	2337	179
80	70.0	C1RP080	7.5	19.5	0.150	2	2477	196
85	74.5	C1RP085	7.5	21.3	0.162	2	2840	204
90	79.0	C1RP090	7.5	21.3	0.153	2	2937	223
95	83.5	C1RP095	7.5	23.7	0.171	3	3403	229
100	88.0	C1RP100	7.5	23.7	0.162	3	3560	250
105	92.5	C1RP105	7.5	25.7	0.173	3	4033	267
110	97.0	C1RP110	7.5	25.7	0.165	3	4197	277
115	101.5	C1RP115	7.5	27.5	0.174	3	4643	280
120	106.0	C1RP120	7.5	27.5	0.167	3	4820	305

OTM @ 5' = 51 ft-kips

C 2 R P (3,700# / 2,313#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	C2RP040	7.5	13.1	0.140	1	981	75
45	38.5	C2RP045	7.5	14.5	0.156	1	1161	84
50	43.0	C2RP050	7.5	14.5	0.140	1	1277	96
55	47.5	C2RP055	7.5	15.9	0.153	2	1505	105
60	52.0	C2RP060	7.5	15.9	0.140	2	1629	116
65	56.5	C2RP065	7.5	17.3	0.151	2	1882	137
70	61.0	C2RP070	7.5	17.3	0.140	2	2007	147
75	65.5	C2RP075	7.5	18.7	0.149	2	2274	157
80	70.0	C2RP080	7.5	18.7	0.140	2	2406	168
85	74.5	C2RP085	7.5	20.1	0.148	2	2674	178
90	79.0	C2RP090	7.5	20.1	0.140	2	2818	189
95	83.5	C2RP095	7.5	22.0	0.153	3	3222	199
100	88.0	C2RP100	7.5	22.0	0.145	3	3368	209
105	92.5	C2RP105	7.5	23.7	0.154	3	3774	215
110	97.0	C2RP110	7.5	23.7	0.147	3	3928	220
115	101.5	C2RP115	7.5	25.5	0.157	3	4383	230
120	106.0	C2RP120	7.5	25.5	0.150	3	4547	241

OTM @ 5' = 53 ft-kips

C 3 R P (3,000# / 1,875#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	C3RP040	7.5	13.1	0.140	1	981	61
45	38.5	C3RP045	7.5	14.5	0.156	1	1161	68
50	43.0	C3RP050	7.5	14.5	0.140	1	1277	78
55	47.5	C3RP055	7.5	15.9	0.153	2	1505	85
60	52.0	C3RP060	7.5	15.9	0.140	2	1626	96
65	56.5	C3RP065	7.5	17.3	0.151	2	1882	102
70	61.0	C3RP070	7.5	17.3	0.140	2	2007	113
75	65.5	C3RP075	7.5	18.7	0.149	2	2274	119
80	70.0	C3RP080	7.5	18.7	0.140	2	2406	131
85	74.5	C3RP085	7.5	20.1	0.148	2	2677	136
90	79.0	C3RP090	7.5	20.1	0.140	2	2818	144
95	83.5	C3RP095	7.5	21.5	0.147	3	3169	153
100	88.0	C3RP100	7.5	21.5	0.140	3	3312	161
105	92.5	C3RP105	7.5	22.9	0.147	3	3678	170
110	97.0	C3RP110	7.5	22.9	0.140	3	3828	178
115	101.5	C3RP115	7.5	24.3	0.146	3	4224	187
120	106.0	C3RP120	7.5	24.3	0.140	3	4384	195

OTM @ 5' = 53 ft-kips

7.5" Tip

Embedment
(L x .10) + 2'13.1" - 27.5"
Base Diameter



PRODUCT DATA

H 1 R P (5,400# / 3,375#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H1RP040	7.5	13.1	0.140	1	981	109
45	38.5	H1RP045	7.5	14.2	0.149	1	1161	138
50	43.0	H1RP050	7.5	14.2	0.134	1	1261	140
55	47.5	H1RP055	7.5	16.0	0.155	2	1516	153
60	52.0	H1RP060	7.5	16.0	0.142	2	1636	171
65	56.5	H1RP065	7.5	18.5	0.169	2	1966	184
70	61.0	H1RP070	7.5	18.5	0.157	2	2102	202
75	65.5	H1RP075	7.5	21.0	0.180	2	2465	214
80	70.0	H1RP080	7.5	21.0	0.169	2	2611	234
85	74.5	H1RP085	7.5	23.0	0.182	2	2952	245
90	79.0	H1RP090	7.5	23.0	0.172	2	3092	246
95	83.5	H1RP095	7.5	26.0	0.195	3	3705	278
100	88.0	H1RP100	7.5	26.0	0.185	3	3872	298
105	92.5	H1RP105	7.5	28.0	0.195	3	4309	305
110	97.0	H1RP110	7.5	28.0	0.186	3	4488	330
115	101.5	H1RP115	7.5	29.5	0.191	3	4950	336
120	106.0	H1RP120	7.5	29.5	0.183	3	5133	363

OTM @ 5' = 52 ft-kips

H 2 R P (6,400# / 4,000#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H2RP040	7.8	13.6	0.145	1	1016	129
45	38.5	H2RP045	7.8	16.0	0.182	1	1251	146
50	43.0	H2RP050	7.8	16.0	0.164	1	1375	165
55	47.5	H2RP055	7.8	17.5	0.176	2	1638	182
60	52.0	H2RP060	7.8	17.5	0.162	2	1765	202
65	56.5	H2RP065	7.8	19.4	0.178	2	2056	218
70	61.0	H2RP070	7.8	19.4	0.166	2	2194	239
75	65.5	H2RP075	7.8	22.0	0.189	2	2592	254
80	70.0	H2RP080	7.8	22.0	0.178	2	2744	277
85	74.5	H2RP085	7.8	24.5	0.196	2	3138	290
90	79.0	H2RP090	7.8	24.5	0.186	2	3304	314
95	83.5	H2RP095	7.8	27.3	0.205	3	3880	326
100	88.0	H2RP100	7.8	27.3	0.195	3	4055	352
105	92.5	H2RP105	7.8	29.4	0.206	3	4510	362
110	97.0	H2RP110	7.8	29.4	0.196	3	4698	390
115	101.5	H2RP115	7.8	31.4	0.205	3	5236	398
120	106.0	H2RP120	7.8	31.4	0.197	3	5433	428

OTM @ 5' = 57 ft-kips

H 3 R P (7,500# / 4,688#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H3RP040	8.0	14.8	0.170	1	1077	150
45	38.5	H3RP045	8.0	17.0	0.200	1	1309	171
50	43.0	H3RP050	8.0	17.0	0.180	1	1440	193
55	47.5	H3RP055	8.0	18.8	0.196	2	1728	213
60	52.0	H3RP060	8.0	18.8	0.180	2	1865	235
65	56.5	H3RP065	8.0	21.0	0.200	2	2184	255
70	61.0	H3RP070	8.0	21.0	0.186	2	2335	278
75	65.5	H3RP075	8.0	23.2	0.203	2	2708	298
80	70.0	H3RP080	8.0	23.2	0.190	2	2870	321
85	74.5	H3RP085	8.0	26.0	0.212	2	3302	340
90	79.0	H3RP090	8.0	26.0	0.200	2	3475	365
95	83.5	H3RP095	8.0	28.6	0.217	3	4044	382
100	88.0	H3RP100	8.0	28.6	0.206	3	4226	407
105	92.5	H3RP105	8.0	31.2	0.221	3	4775	424
110	97.0	H3RP110	8.0	31.2	0.211	3	4973	451
115	101.5	H3RP115	8.0	33.0	0.217	3	5480	466
120	106.0	H3RP120	8.0	33.0	0.208	3	5684	494

OTM @ 5' = 62 ft-kips

7.5" - 8" Tip

Embedment
(L x .10) + 2'13.1" - 33"
Base Diameter

PRODUCT DATA

H 4 R P (8,700# / 5,438#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H4RP040	8.5	16.5	0.200	1	1116	174
45	38.5	H4RP045	8.5	18.2	0.216	1	1336	199
50	43.0	H4RP050	8.5	18.2	0.194	1	1476	223
55	47.5	H4RP055	8.5	20.2	0.213	2	1786	247
60	52.0	H4RP060	8.5	20.2	0.195	2	1935	273
65	56.5	H4RP065	8.5	22.2	0.211	2	2253	296
70	61.0	H4RP070	8.5	22.2	0.196	2	2410	322
75	65.5	H4RP075	8.5	24.3	0.211	2	2788	345
80	70.0	H4RP080	8.5	24.3	0.198	2	2956	372
85	74.5	H4RP085	8.5	27.2	0.220	2	3403	394
90	79.0	H4RP090	8.5	27.2	0.208	2	3589	421
95	83.5	H4RP095	8.5	30.0	0.226	3	4171	443
100	88.0	H4RP100	8.5	30.0	0.215	3	4365	471
105	92.5	H4RP105	8.5	32.3	0.227	3	4929	492
110	97.0	H4RP110	8.5	32.3	0.216	3	5137	522
115	101.5	H4RP115	8.5	34.9	0.230	3	5766	541
120	106.0	H4RP120	8.5	34.9	0.220	3	5985	572

OTM @ 5' = 71 ft-kips

H 5 R P (10,000# / 6,250#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H5RP040	9.0	17.5	0.213	1	1181	200
45	38.5	H5RP045	9.0	20.0	0.244	1	1447	228
50	43.0	H5RP050	9.0	20.0	0.220	1	1601	257
55	47.5	H5RP055	9.0	22.0	0.236	2	1929	284
60	52.0	H5RP060	9.0	22.0	0.217	2	2090	314
65	56.5	H5RP065	9.0	24.3	0.235	2	2459	341
70	61.0	H5RP070	9.0	24.3	0.219	2	2631	371
75	65.5	H5RP075	9.0	26.5	0.233	2	3016	397
80	70.0	H5RP080	9.0	26.5	0.219	2	3198	429
85	74.5	H5RP085	9.0	29.0	0.235	2	3625	453
90	79.0	H5RP090	9.0	29.0	0.222	2	3820	487
95	83.5	H5RP095	9.0	31.7	0.239	3	4436	509
100	88.0	H5RP100	9.0	31.7	0.227	3	4640	545
105	92.5	H5RP105	9.0	34.3	0.241	3	5231	566
110	97.0	H5RP110	9.0	34.3	0.230	3	5449	603
115	101.5	H5RP115	9.0	37.0	0.243	3	6137	622
120	106.0	H5RP120	9.0	37.0	0.233	3	6365	662

OTM @ 5' = 80 ft-kips

H 6 R P (11,400# / 7,125#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H6RP040	9.0	18.2	0.230	1	1211	228
45	38.5	H6RP045	9.0	21.0	0.267	1	1495	260
50	43.0	H6RP050	9.0	21.0	0.240	1	1655	292
55	47.5	H6RP055	9.0	23.2	0.258	2	2003	324
60	52.0	H6RP060	9.0	23.2	0.237	2	2173	357
65	56.5	H6RP065	9.0	25.7	0.257	2	2565	388
70	61.0	H6RP070	9.0	25.7	0.239	2	2741	421
75	65.5	H6RP075	9.0	28.3	0.257	2	3191	452
80	70.0	H6RP080	9.0	28.3	0.241	2	3381	486
85	74.5	H6RP085	9.0	30.8	0.256	2	3816	517
90	79.0	H6RP090	9.0	30.8	0.242	2	4021	551
95	83.5	H6RP095	9.0	33.4	0.257	3	4622	581
100	88.0	H6RP100	9.0	33.4	0.244	3	4835	616
105	92.5	H6RP105	9.0	37.0	0.267	3	5592	645
110	97.0	H6RP110	9.0	37.0	0.255	3	5820	681
115	101.5	H6RP115	9.0	38.5	0.257	3	7182	709
120	106.0	H6RP120	9.0	38.5	0.246	3	7529	746

OTM @ 5' = 82 ft-kips

8.5" - 9" Tip

Embedment
(L x .10) + 2'16.5" - 38.5"
Base Diameter



PRODUCT DATA

H 7 R P (13,120# / 8,200#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H7RP040	10.0	20.0	0.250	1	1336	263
45	38.5	H7RP045	10.0	21.3	0.250	1	1558	299
50	43.0	H7RP050	10.0	22.5	0.250	1	1791	337
55	47.5	H7RP055	10.0	22.8	0.233	2	2565	373
60	52.0	H7RP060	10.0	24.0	0.233	2	2867	411
65	56.5	H7RP065	10.0	25.2	0.234	2	3180	446
70	61.0	H7RP070	10.0	26.4	0.234	2	3509	485
75	65.5	H7RP075	10.0	27.6	0.235	2	3816	521
80	70.0	H7RP080	10.0	28.8	0.235	2	4219	559
85	74.5	H7RP085	10.0	30.2	0.238	2	4643	595
90	79.0	H7RP090	10.0	31.2	0.236	2	5008	634
95	83.5	H7RP095	10.0	31.9	0.231	3	5899	668
100	88.0	H7RP100	10.0	33.1	0.231	3	6365	710
105	92.5	H7RP105	10.0	34.3	0.231	3	6853	742
110	97.0	H7RP110	10.0	35.5	0.232	3	7356	784
115	101.5	H7RP115	10.0	36.7	0.232	3	7853	816
120	106.0	H7RP120	10.0	37.9	0.233	3	8369	859

OTM @ 5' = 85 ft-kips

H 8 R P (15,040# / 9,400#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H8RP040	10.0	19.2	0.230	1	1712	301
45	38.5	H8RP045	10.0	20.4	0.231	1	1993	343
50	43.0	H8RP050	10.0	21.5	0.230	1	2295	385
55	47.5	H8RP055	10.0	22.2	0.222	2	2645	428
60	52.0	H8RP060	10.0	23.3	0.222	2	2968	471
65	56.5	H8RP065	10.0	24.4	0.222	2	3366	512
70	61.0	H8RP070	10.0	25.6	0.223	2	3726	556
75	65.5	H8RP075	10.0	26.8	0.224	2	4161	597
80	70.0	H8RP080	10.0	27.9	0.224	2	4553	642
85	74.5	H8RP085	10.0	29.1	0.225	2	4961	682
90	79.0	H8RP090	10.0	30.2	0.224	2	5385	727
95	83.5	H8RP095	10.0	30.9	0.220	3	5925	766
100	88.0	H8RP100	10.0	32.0	0.220	3	6331	814
105	92.5	H8RP105	10.0	33.2	0.221	3	6917	851
110	97.0	H8RP110	10.0	34.3	0.221	3	7404	900
115	101.5	H8RP115	10.0	35.4	0.221	3	8040	935
120	106.0	H8RP120	10.0	36.6	0.222	3	8560	986

OTM @ 5' = 130 ft-kips

H 9 R P (16,800# / 10,500#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H9RP040	10.0	20.0	0.250	1	1754	315
45	38.5	H9RP045	10.0	21.2	0.249	1	2050	383
50	43.0	H9RP050	10.0	22.5	0.250	1	2364	420
55	47.5	H9RP055	10.0	23.1	0.238	2	2740	478
60	52.0	H9RP060	10.0	24.3	0.238	2	3085	526
65	56.5	H9RP065	10.0	25.6	0.240	2	3477	572
70	61.0	H9RP070	10.0	26.8	0.240	2	3853	621
75	65.5	H9RP075	10.0	28.1	0.241	2	4314	667
80	70.0	H9RP080	10.0	29.3	0.241	2	4728	716
85	74.5	H9RP085	10.0	30.6	0.242	2	5175	761
90	79.0	H9RP090	10.0	31.8	0.242	2	5607	812
95	83.5	H9RP095	10.0	32.4	0.236	3	6153	856
100	88.0	H9RP100	10.0	33.7	0.237	3	6625	908
105	92.5	H9RP105	10.0	34.9	0.237	3	7240	950
110	97.0	H9RP110	10.0	36.2	0.238	3	7754	1004
115	101.5	H9RP115	10.0	37.4	0.238	3	8401	1045
120	106.0	H9RP120	10.0	38.7	0.239	3	8946	1100

OTM @ 5' = 133 ft-kips

10.0" Tip

Embedment
(L x .10) + 2'20.0" - 38.7"
Base Diameter

PRODUCT DATA

H 1 0 R P (18,400# / 11,500#)

TOTAL LENGTH (FT) "L"	TIP AGL (FT)	PART NUMBER	TIP DIAMETER (IN)	BASE DIAMETER (IN)	SLOPE (IN/FT)	NO. SECTIONS	WEIGHT (LB)	OVERTURNING MOMENT CAPACITY (FT-KIP)
40	34.0	H10RP040	12.0	21.2	0.230	1	1945	368
45	38.5	H10RP045	12.0	22.4	0.231	1	2253	420
50	43.0	H10RP050	12.0	23.5	0.230	1	2581	472
55	47.5	H10RP055	12.0	25.1	0.238	2	3074	523
60	52.0	H10RP060	12.0	26.3	0.238	2	3440	576
65	56.5	H10RP065	12.0	27.6	0.240	2	3896	627
70	61.0	H10RP070	12.0	28.8	0.240	2	4304	680
75	65.5	H10RP075	12.0	30.1	0.241	2	4765	730
80	70.0	H10RP080	12.0	31.3	0.241	2	5210	785
85	74.5	H10RP085	12.0	32.6	0.242	2	5666	834
90	79.0	H10RP090	12.0	33.8	0.242	2	6148	890
95	83.5	H10RP095	12.0	34.4	0.236	3	6779	937
100	88.0	H10RP100	12.0	35.7	0.237	3	7282	995
105	92.5	H10RP105	12.0	36.9	0.237	3	7918	1041
110	97.0	H10RP110	12.0	38.2	0.238	3	8459	1100
115	101.5	H10RP115	12.0	39.4	0.238	3	9153	1141
120	106.0	H10RP120	12.0	40.7	0.239	3	9731	1206

OTM @ 5' = 183 ft-kips

12.0" Tip

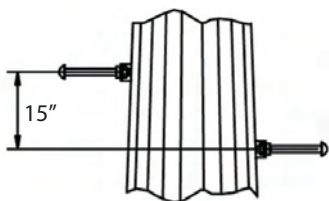
Design Notes:

1. Pole designs are in accordance with ASCE 48, "Design of Steel Transmission Pole Structures".
2. Pole sections are ASTM grade 65 material with a charpy impact value of 15 ft-lbs at -20 F.
3. Multiple section poles include slip splice joints with a minimum slip length equal to 1.5 times the inside diameter across flats of the outer section at the splice.
4. Galvanized poles are hot-dip galvanized in accordance with ASTM A123.
5. Tabulated weights assume galvanized poles.

Embedment
(L x .10) + 2'21.2" - 40.7"
Base Diameter



PARTS & ACCESSORIES



STEP BOLTS

STEP BOLTS AND STEP BOLT CLIPS
ARE OPTIONAL AND MUST BE
SPECIFIED AT TIME OF ORDER.



CLIMBING HARNESS

TTFBH-4D
JOURNEYMAN HARNESS

TTFBH-C/P
PROFESSIONAL HARNESS



SAFETY CABLE SLIDER WITH CARABINEER

TT-WG-500-W/SMC

SAFETY CABLE SYSTEM

Pole Height (AGL)	Part Number
30' - 50'	TT050TSP
60' - 100'	TT100TSP
110' - 150'	TT150TSP

A tall, slender telecommunications tower stands vertically against a cloudy sky. The tower is constructed from a lattice of metal and is equipped with several antennas and satellite dishes at different heights. The sky is filled with soft, white clouds, and the overall scene is captured in a grayscale or high-contrast style.