

SHAFTS

DECORATIVE ALUMINUM POSTS

CAST TAPERED FLUTED SHAFT

Design Features

All the shafts are designed to appear as an elegant conical taper element, featuring a fluted pattern.

The pattern is round, symmetrical and presents an even and uniform appearance. The design features 16 tapering flutes and 16 crests.

The shaft also features a bottom slip-fitter to connect with a number of alternative Post Bases and a Tenon on its upper end.

Construction

The construction is a complex process of gravity die casting with a progressive tool, that allows the flutes to be uniform all around the shaft section eliminating the traditional parting line flat and shallow flutes.

Material

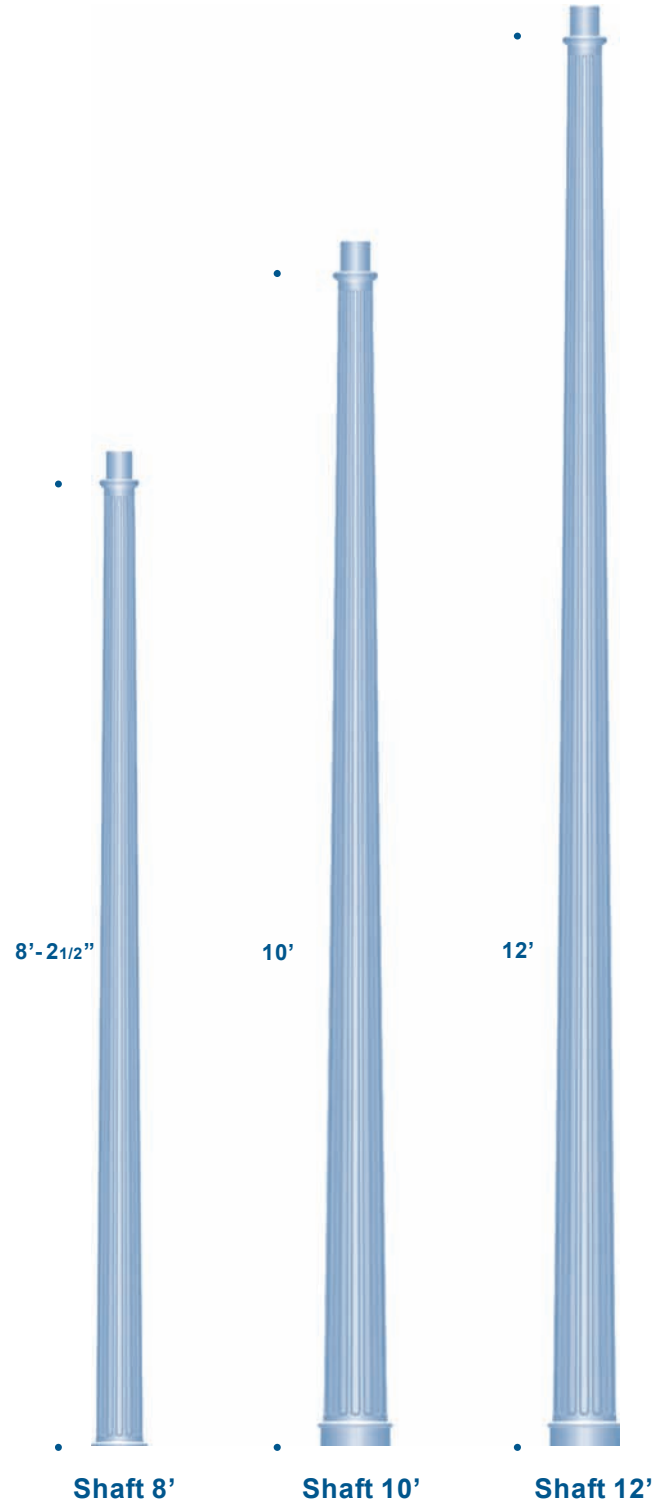
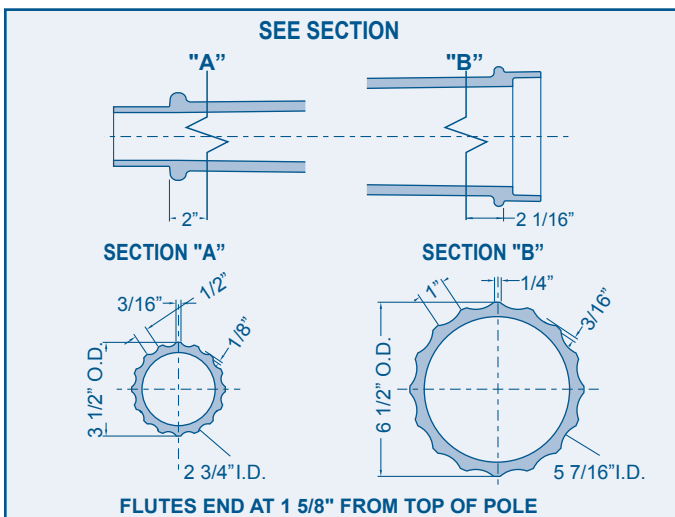
The shafts are made with certified ASTM 356.2 aluminum, free of copper. The unique casting process is temperature and velocity controlled to eliminate porosity and increase density and strength.

Dimensions

Shaft Length	Bottom Slip Fitter	Tenon Dia. x Length	Flute Length	Total Length
12' Shaft:	6 7/16" x 7 1/16"	3" x 3"	11'-6 7/8"	12'
10' Shaft:	6 7/16" x 7 1/16"	3" x 3"	9'-6 7/8"	10'
8' Shaft:	4 7/16" x 5 7/8"	2 3/4" x 2"	8'-2"	8'

Structural Features

The shaft is heat treated to allow structural tempering for improved wind loading capacity.



AMERICAN POLE
manufacturing company