



ALL RADIAL SECTIONS  
NORMAL TO AXIS  $\pm 3^\circ$

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HELIX MUST BE FORMED BY MATCHING METAL DIE  
< SIDE VIEW OF TRUE HELICAL FORM >

NOMINAL DIAMETER	MAXIMUM THROU RATING (LBS FT)	HELIX SIZE	DRIVE SIDE SHAFT DIA	BOLT CIRCLE DIAMETER	MOUNTING HEIGHT	CATALOG NUMBER
10"	20,000	16"	10.75"	17.25"	45"	7112-0463

**-NOTES-**

1. FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION).
2. BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ( $\pm 1^\circ$ ) AND HOLE CENTERLINE TO BE CONCENTRIC ( $\pm .188$ ) TO SHAFT AXIS.
3. STENCIL MIN. 1/2" IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
4. PILOT POINT AND SHAFT AXES TO BE CONCENTRIC ( $\pm .125$  FIM) AND IN LINE ( $\pm 2^\circ$ ).
5. PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILOT POINT ON ALL WELDED PARTS.
6. FLAMECUT IRREGULARITIES PERMISSIBLE: (1) VALLEYS NOT TO EXCEED 3/32" IN. BELOW NOMINAL SURFACE LEVEL, (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/32" IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
7. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION 'ABC' IN 1/2" LETTERS AND THE JULIAN DATE CODE IN 1/4" LETTERS.
8. ALL MATERIAL IS TO MEET THE FOLLOWING SPECIFICATIONS:
9. BASEPLATE: ASTM A36-(LATEST REVISION) STRUCTURAL STEEL

- SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIAL: ASTM A53-(LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
- HELIX: ASTM A635 (LATEST REVISION) 1/2" THICK HOT ROLLED STEEL PLATE OR COIL.
- PILOT POINT: ASTM A575 (LATEST REVISION) 1-1/4" DIAMETER HOT ROLLED STEEL BAR.
- BOLTS: HEX BOLT PER ANSI B-18.2.1, SAE J 429 GRADE 5  
1-1/4"-7UNC-2A X 4' LG. HOT DIP GALV. PER ASTM A153
- NUTS: HEAVY HEX PER ASTM A-325 AND PER ANSI B-18.2.2,  
1-1/4"-7UNC-2B.
10. BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.
11. FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE.

LIGHTING FOUNDATION  
CAT. NO. T112-0463

<b>CHANCE</b>			
HUBBELL POWER SYSTEMS		HUBBELL POWER SYSTEMS	
TITLE		TITLE	
LIGHTING FOUNDATION		LIGHTING FOUNDATION	
SIZE	DWG NO.	DO NOT SCALE THIS DRAWING	DATE
SB	SA112-0463	DWN BY KSH	11/11/04
REV			SHEET 1/1
E			