

City of Los Angeles Department of water and power

Item No.	Qty / UOM	Description	UNIT PRIC E	Extensio n
1	1,000 EACH	<p>NAICS: 335932 Matl Code: 2759153 EA STEP, CLIMBING, FOR THIN WALL HOLLOW POLES. .685-INCH DIAMETER, A36 STEEL THERMAL DIFFUSION GALVANIZED PER ASTM A1059 AND ARMORGALV AG 3000. SHALL BE UNC THREADED ON STEP PER DRAWING OB403-42 WITH 87.5 DEGREE HOOK ON THE POLE STEP END, ALLOWABLE LENGTH VARIATION SHALL BE +/- 0.250 INCH. SHALL BE EQUIPPED WITH ONE WASHER NUT WELDED ON THE STEP END, THE OTHER END SHALL BE EQUIPPED WITH ONE CURVED WASHER CONSTRUCTED TO PREVENT ROLLING IN ACCORDANCE WITH THE DRAWING, WITH MANUFACTURERS LOGO OR NAME, ONE WASHER NUT WELDED, AND ONE SYNTHETIC RUBBER WASHER.</p> <p>THE POLE STEP SHALL BE ABLE TO WITHSTAND 600-POUND STATIC LOAD AT THE END WITHOUT ANY PLASTIC DEFORMATION, THE TEST SHALL BE WITNESSED BY LADWP PERSONNEL. IF THE TESTING IS DONE BY AN INDEPENDENT LABORATORY WITHOUT THE PRESENCE OF A LADWP PERSONNEL, A CERTIFIED TEST LAB RESULT MUST BE SUBMITTED.</p> <p>"KORTICK MANUFACTURING CO." PART # K4252WING</p>		

Date Prepared
08/06/2015

Date Created
08/06/2015

Date Issued
08/06/2015

DELIVERY DAYS

DELIVERY IS DESIRED WITHIN 30 CALENDAR DAYS BUT SHALL
NOT EXCEED 45 CALENDAR DAYS FROM RECEIPT OF ORDER.

BIDS OFFERING DELIVERY BEYOND THE MAXIMUM NUMBER OF DAYS WILL BE REJECTED AS NON-RESPONSIVE.

BTRC

Technical drawing of a hexagonal nut. The top view shows a hexagon with a width across flats of 1.25" and a width across corners of 2.0". The side view shows a height of 0.85" with a 0.25" section representing the thread.

8.375"

7.50"

2.5"

3.0"

0.6875" DIA

SLOT 1" X 1/4" X 1/8" DEEP

0.75"-1.0 UNC

1

POLE STEP

2.0" DIA

SECTION A-A

SEE NOTE 6

SEE DETAIL 1

NAME

2.0" DIA X .1875" DEEP COUNTERSUNK BORE

3.0"

1.50"

2.0"

4.0"

.0781"

.1875"

.375"

2.0" DIA X .9375" SLOT HOLE WITH STOP NOTCH

4

PRO

SIDE VIEW

ASSEMBLY

The diagram shows a side view of a bolt and nut assembly. The bolt is a long threaded rod with a hexagonal head at the bottom. The nut is a hexagonal component with internal threads, positioned at the top. A U-shaped bracket is attached to the top of the nut. Four numbered callouts point to specific parts: 1 points to the U-shaped bracket, 2 points to the top surface of the nut, 3 points to the threaded portion of the bolt, and 4 points to the hexagonal head of the bolt.

TOP VIEW

NOTES:

1. MATERIAL: STEEL LOW CARBON PEE SPECIFICATION ASTM A36 OR A307.
2. FINISH: ALL STEEL SHALL BE THERMAL DIFFUSION GALVANIZED PER ARMORGALV
3. DIMENSION TO CENTERLINE
4. ALLOWABLE DIMENSIONAL VARIATION $\pm 0.25"$ (IN ROD LENGTH ONLY).
5. ALL WELDS SHALL BE IN COMPLIANCE WITH SPECIFICATION A.W.S.D1.1/D1.1M.
6. MANUFACTURER'S NAME AND DATE SHALL BE IMPRESSED ON PARTS.
7. ITEM 2 SHALL BE ROLLED TO AN INSIDE RADIUS OF 4.375" LENGTH WISE.
8. ITEM 4 SHALL BE TACK WELDED AT THE OUTSIDE FACE OF THE HEX HEAD NOT ONE THREAD IN.
9. SO IT COULD BE UTILIZED AS A STOP ON THE POLE STEP (ITEM 4).
10. ITEM 4 MUST BE REPERMANENTLY AFFIXED ON TO ITEM 1. ITEM 5 SHALL BE IN PLACE TO KEEP ITEM 2 WITH THE STEP ASSEMBLY.

M.C.27-59-15

M.C.27-59-153

CITY OF LOS ANGELES DEPARTMENT OF WATER AND POWER		POLE STEP CLIMBING F/HOLLOW THIN WALL POLE APPLICATION	
DESIGN	J. GARCIA	DRAWING	EP/JHG
CHK	M. TAN MB0235	CHECKER	R. SANCHEZ
APPROVED	J. PLEND	DATE	06/22/15
DB403-42		SHEET 1 OF 1	

Diagram of a curved beam with a central hole. A vertical arrow points to the hole, labeled $4.375''R$.

SECTION A-A

② POLE FACE PLATE

⑤ SYNTHETIC RUBBER O-RING