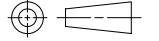


DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
23DEC2003	DLH	SP	1:2	TD-P8-J

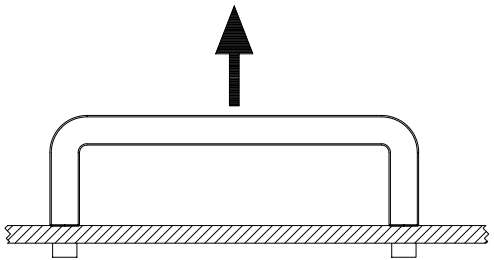
REV	DATE	DRAWN/CHKD	DESCRIPTION
A	14SEP2004	DLH/SP	RELEASED FOR PRODUCTION
B	14JAN2005	DLH	ADDED SALT & UV RESULTS



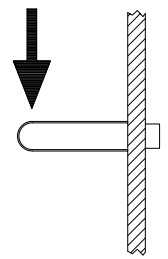
THIRD ANGLE PROJECTION

A4 PAPER SIZE

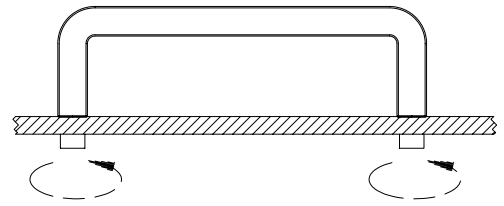
SOUTHCO PERFORMANCE GUIDELINES
 THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION.



STRAIGHT PULL



SIDE LOAD



SCREW TORQUE

MAXIMUM WORKING LOAD: 1500 N (335 lbf)

MAXIMUM WORKING LOAD: 1050 N (236 lbf)

RECOMMENDED MAXIMUM TIGHTEN TORQUE: 170 N•cm (15 lbf•in)

① AVERAGE ULTIMATE LOAD: 4780 N (1075 lbf)

② AVERAGE ULTIMATE LOAD: 1815 N (408 lbf)

③ AVERAGE ULTIMATE TIGHTEN TORQUE: 400 N•cm (35 lbf•in)

NOTE: PULLS MOUNTED USING M4 OR 8-32 STAINLESS STEEL SCREWS.

FAILURE METHODS:

- ① - PULL AND SCREW DEFORM AND SCREW BREAKS.
- ② - PULL DEFORMS, THREADS IN PULL STRIP, SCREWS BEND.
- ③ - SCREWS BREAK OR THREADS IN PULL STRIP.

(10) P8 WIRE PULLS WERE EXPOSED TO SALT SPRAY FOR 500 hours PER ASTM B-117, WITHOUT SHOWING ANY SIGN OF CORROSION OR DEGRADATION OF FINISH.

(10) P8 WIRE PULLS WERE EXPOSED TO CONSTANT UV LIGHT FOR 400 hours PER SAE J2020 MAY95, WITHOUT SHOWING ANY MAJOR DEGRADATION OF FINISH.