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SOUTHCO No.38 ALUMINUM DRIVE RIVETS

DATE  
22JUN73

DRAWN  
WBR

CHKD

SCALE  
NTS

DRAWING NUMBER  
TD-38-1-J

THIRD ANGLE PROJECTION

A 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 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.

SOUTHCO NO.38 ALUMINUM DRIVE RIVETS

Rivets were tested at nominal grip in hardened steel test plates.

| DIAMETER<br>mm (inch) | PART NUMBER  | AVERAGE<br>ULTIMATE TENSION<br>N (LBS) | AVERAGE<br>ULTIMATE SHEAR<br>N (LBS) |
|-----------------------|--------------|----------------------------------------|--------------------------------------|
| 3.2 (1/8)             | 38-104-06-13 | 785 (176)                              | 2140 (481)                           |
| 4.0 (5/32)            | 38-105-06-13 | 1400 (314)                             | 3195 (718)                           |
| 4.8 (3/16)            | 38-106-06-13 | 1625 (365)                             | 3850 (865)                           |
| 6.4 (1/4)             | 38-108-06-13 | 4310 (968)                             | 5230 (1175)                          |
| 4.8 (3/16)            | 38-106-06-16 | 1610 (361)                             | 3130 (703)                           |
| 6.4 (1/4)             | 38-108-06-16 | 3635 (817)                             | 4595 (1032)                          |
| 8.0 (5/16)            | 38-110-06-16 | 6605 (1484)                            | 6640 (1492)                          |
| 9.5 (3/8)             | 38-112-06-16 | 8000 (1798)                            | 10300 (2315)                         |

NOTE : Above values are for universal head rivets. Data for full brazier head and countersunk head rivets are approximately similar. Figures are the average of the data.

REV  
G 09APR2002 GDM  
H 19JAN2006 MJS

DESCRIPTION  
UPDATE FORMAT  
NEW TESTING DONE