



SOUTHOO PERFORMANCE GUIDELINES FOR THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPPLIED AS A GENERAL GUIDE ONLY. WITH EACH APPPLICATION AND METHOD OF STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION, (THIS COMPARISION LIST BETWEEN TENGSCREW & SOUTHOO ARE ONLY FOR YOUR INNER REFERENCES) a) ATTACHED RIGHT DRAWING BY PRESS-IN STYLE SHOWN INCLUDING TIGHTENING TORQUE & FRICTION b) SPEC. : MINIATURE, LOW PROFILE FASTENERS., 7.00 x 15.00 MM, WITH KNURLED HEAD, ZINC PLATED. c) PRESS-IN ASSEMBLIES WERE INSTALLED AND TESTED VMATERIAL - TESTING SCREW - TESTING IN ABOVE THICK COLD ROLLED STEEL PANELS. d) FAILURE OCCURED IN SCREW PUSHING OUT OF THE ASSEMBLY OR FERRULE PUSHING DUT OF THE PANEL. e) FAILURE OCCURED IN BREAKING OF THE SCREW SHANK. f) FAILURE OCCURED IN SPRING'S RUN OUT AND TYING OVER TENSILE FORCE PUSH DUT TIGHTENING TORQUE SALT SPRAY FERRULE & SCREW'S HEAD & IN FERRULE HOLE. RECOMMENDED ULTIMATE UNFFC AVERAGE AVERAGE ULTIMATE SCREW SIZE AVERAGE AVERAGE ULTIMATE 3 TIGHTENING TORQUE KGF-CM | TIGHTENING TORQUE KGF-CM PLATE THICKNESS TENSILE FORCE NOTTA LIATZNI PUSH DUT ASSEMBLY SALT SPRAY (STEEL MAX, HRB 60) FORCE KGF FORCE KGF PART NUMBER FORCE KGF TIGHTENING FRICTION KGF TIGHTENING FRICTION KGF KEEP ON 12 HOURS PUSH DUT TESTING PLEASE TENSILE FORCE TESTING PLEASE TIGHTENING TORQUE / FRICTION TESTING PLEASE SALT SPRAY TESTING PLEASE TENGSCREW SEE TEST REPORT NO. 9403161 SEE TEST REPORT NO. 9402142-1 SEE TEST REPORT NO. 9404278 & 9404273 SEE TEST REPORT NO. 9405094 M 3 x P. 0.50 MM 6.00 16.00 3SN-237A-0045RA 1.00 MM 366 (SCREW)/292 (M'TLS) 1.650 128.82 12 PASS **PASS** PUSH DUT TESTING BY DRAWING TIGHTENING TORQUE ONLY TESTING BY DRAWING TENSILE FORCE TESTING BY DRAWING TENSILE FORCE TESTING BY DRAWING SOUTHCO NUMBER TD - 52 - 3 - J NUMBER TD - 52 - 3 - J NUMBER TD - 52 - 3 - J M 3 x P. 0.50 MM NUMBER TD - 52 - 3 - J 3SN-237A-0045RA 0.90 MM 1,022 6.00 358 (SCREW ONLY) 102.30 15,96 12 Tengscrew Co., Ltd. REVISIONS PPRUVED **RANGE** TOLERENCE NAME Miniature, Low-Profile-Fasteners LTR DESCRIPTION DATE APP. Johnson 1 PLC | 2 PLC | ANGLE ESIGNED TOL. ± 0 - 10Χ Johnson RAWN 10 - 50Χ MATERIAL SEE REPORT NO. SCALE 2:1 Daphne 50-100 Χ FINISH ZINC PLATED DATE 06-JUNE-06 REV. 0B PROPRIETARY NOTE: THIS SHEET OF ENGINEERING DRAWINGS AND SPECIFICATIONS CONTAINS CONFIDENTIAL, TRADE SECRET, AND OTHER PROPRIETARY INFORMATION OF THIS DOCUMENT MAY NOT BE TRANSFERRED OR COPIED WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF TENGSCREV. IN ADDITIONAL NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT TENGSCREV'S EXPRESS WRITTEN CONSENT. DWG. \oplus - \in 100-UP Χ THE 3RD PROJECTION 3SN-237A-0045RA NΩ. G