



| <u>PART NO.</u> | <u>HOLE DIAMETER</u><br>±.003 [0.08] | <u>HEAD DIAMETER</u> | <u>SUGGESTED TOTAL BOARD THICKNESS</u> | <u>HEAD HEIGHT</u> | <u>LENGTH</u> |           |
|-----------------|--------------------------------------|----------------------|--|--------------------|---------------|-----------|
| RBF-4-8.6-8     | .157(4.00)                           | .32(8.0)             | .08-.17(2.1-4.3)                       | .04(1.0)           | .34(8.6)      |           |
| RBF-4-11.1-8    |                                      |                      | .08-.28(2.1-7.2)                       |                    | .44(11.1)     |           |
| RBF-4-15-8      |                                      |                      | .22-.42(5.7-10.7)                      |                    | .59(15.0)     |           |
| RBF-4-8.6-12    |                                      | .47(12.0)            | .08-.17(2.1-4.3)                       |                    | .06(1.5)      | .34(8.6)  |
| RBF-4-11.1-12   |                                      |                      | .08-.28(2.1-7.2)                       |                    |               | .44(11.1) |
| RBF-4-15-12     |                                      |                      | .22-.42(5.7-10.7)                      |                    |               | .59(15.0) |
| RBF-4-8.6-16    | .63(16.0)                            | .08-.17(2.1-4.3)     | .08(2.0)                               | .34(8.6)           |               |           |
| RBF-4-11.1-16   |                                      | .08-.28(2.1-7.2)     |  | .44(11.1)          |               |           |
| RBF-4-15-16     |                                      | .22-.42(5.7-10.7)    |  | .59(15.0)          |               |           |
| RBF-4.8-8.6-8   | .188(4.76)                           | .32(8.0)             |  | .08-.17(2.1-4.3)   | .04(1.0)      | .34(8.6)  |
| RBF-4.8-11.1-8  |                                      |                      |  | .08-.28(2.1-7.2)   |               | .44(11.1) |
| RBF-4.8-15-8    |                                      |                      |  | .22-.42(5.7-10.7)  |               | .59(15.0) |
| RBF-4.8-8.6-12  |                                      | .47(12.0)            | .08-.17(2.1-4.3)                       | .06(1.5)           |               | .34(8.6)  |
| RBF-4.8-11.1-12 |                                      |                      | .08-.28(2.1-7.2)                       |                    |               | .44(11.1) |
| RBF-4.8-15-12   |                                      |                      | .22-.42(5.7-10.7)                      |                    |               | .59(15.0) |
| RBF-4.8-8.6-16  | .63(16.0)                            | .08-.17(2.1-4.3)     | .08(2.0)                               |                    | .34(8.6)      |           |
| RBF-4.8-11.1-16 |                                      | .08-.28(2.1-7.2)     |  |                    | .44(11.1)     |           |
| RBF-4.8-15-16   |                                      | .22-.42(5.7-10.7)    |  |                    | .59(15.0)     |           |
| RBF-6.4-8.6-8   | *.250(6.35)                          | .32(8.0)             |  | .08-.17(2.1-4.3)   | .04(1.0)      | .34(8.6)  |
| RBF-6.4-11.1-8  |                                      |                      |  | .08-.28(2.1-7.2)   |               | .44(11.1) |
| RBF-6.4-15-8    |                                      |                      |  | .22-.42(5.7-10.7)  |               | .59(15.0) |
| RBF-6.4-8.6-12  |                                      | .47(12.0)            | .08-.17(2.1-4.3)                       | .06(1.5)           |               | .34(8.6)  |
| RBF-6.4-11.1-12 |                                      |                      | .08-.28(2.1-7.2)                       |                    |               | .44(11.1) |
| RBF-6.4-15-12   |                                      |                      | .22-.42(5.7-10.7)                      |                    |               | .59(15.0) |
| RBF-6.4-8.6-16  | .63(16.0)                            | .08-.17(2.1-4.3)     | .08(2.0)                               |                    | .34(8.6)      |           |
| RBF-6.4-11.1-16 |                                      | .08-.28(2.1-7.2)     |  |                    | .44(11.1)     |           |
| RBF-6.4-15-16   |                                      | .22-.42(5.7-10.7)    |  |                    | .59(15.0)     |           |
| RBF-7.1-11.1-8  | *.281(7.14)                          | .32(8.0)             |  | .08-.28(2.1-7.2)   | .04(1.0)      | .44(11.1) |
| RBF-7.1-15-8    |                                      |                      |  | .15-.42(3.8-10.7)  |               | .59(15.0) |
| RBF-7.1-19-8    |                                      |                      |  | .27-.56(6.9-14.2)  |               | .75(19.0) |
| RBF-7.1-11.1-12 |                                      | .47(12.0)            | .08-.28(2.1-7.2)                       | .06(1.5)           |               | .44(11.1) |
| RBF-7.1-15-12   |                                      |                      | .15-.42(3.8-10.7)                      |                    |               | .59(15.0) |
| RBF-7.1-19-12   |                                      |                      | .27-.56(6.9-14.2)                      |                    |               | .75(19.0) |
| RBF-7.1-11.1-16 | .63(16.0)                            | .08-.28(2.1-7.2)     | .08(2.0)                               |                    | .44(11.1)     |           |
| RBF-7.1-15-16   |                                      | .15-.42(3.8-10.7)    |  |                    | .59(15.0)     |           |
| RBF-7.1-19-16   |                                      | .27-.56(6.9-14.2)    |  |                    | .75(19.0)     |           |

NOTES:  
 1. STANDARD MATERIAL: NYLON 6/6 UL94 V-2 (RMS-01). COLOR BLACK.  
 2. ALTERNATE MATERIALS AVAILABLE BY SPECIAL ORDER ONLY:  
 - NYLON 6/6 UL94 V-2 (RMS-01). COLOR NATURAL. TO ORDER ADD "NT" ON THE END OF BASE PART NO.  
 - NYLON 6/6 UL 94 V-0 (RMS-19). COLOR BLACK. TO ORDER ADD "-V0" TO END OF PART NUMBER.  
 - UV STABILIZED NYLON UL 94 V-2 (RMS-46). COLOR BLACK. TO ORDER ADD "-UVB" TO THE END OF PART NO.

\* FOR USE IN METAL, LEADING EDGE OF HOLE MUST BE BROKE

| REV. | DESCRIPTION               | ENGR. | DATE     |
|------|---------------------------|-------|----------|
| D    | SEE CO 200656 FOR CHANGES | SK    | 04/13/11 |
| C    | SEE CO 200370 FOR CHANGES | SK    | 05/26/09 |
| B    | SEE ECN # 917 FOR CHANGES | SK    | 01/18/05 |
| A    | RELEASED FOR PRODUCTION   | SM    | 10/19/04 |

|  |               |  |                |             |           |       |  |
|--|---------------|--|----------------|-------------|-----------|-------|--|
| TITLE: <b>BARBED PUSH FASTENER</b>   |               |  |                | DWG IN [MM] |           | FINAL |  |
| CREATED USING SOLIDWORKS   | FILE #: RBF   | DWN: D.J.Z.  | APP: DJZ       | PART #      |           |       |  |
| TOLERANCES UNLESS NOTED<br>.XX=±.01<br>.XXX=±.005<br>FRAC.=±1/64<br>ANG.=±1° | SHEET: 1 OF 1 | SHEET SIZE: B  | DT: 06/09/2004 | CHKD: SJ    | SEE TABLE |       |  |
| RE: RICHCO INC.  |               | RICHCO, INC.<br>ENG@RICHCO-INC.COM<br>(773) 539-4060 |                | PRINT TYPE  |           | CA    |  |