









B&B FIJACIONES

| marca grado tornillo | especificación | | | material | diámetro | resistencia a la tracción mínima (PSI) | límite de fluencia mínimo (PSI) | dureza |
|---|-----------------------------|--------------|-----------------|---|----------------------------|--|---|------------------------|
| | SAE grado | DIN grado | ASTM grado | | | | | |
|  | J-429 1 J-1199 46 | 267 4.6 | A-307 A y B | acero bajo carbono SAE 1010 | #4 - 1-1/2" | 60,000 | 36,000 | 70-100 Rb |
|  | J-429 3 J-1199 58 | 267 5.6 | A-307 B | acero bajo carbono SAE 1018 | #4 - 3/4" 7/8" - 1-1/2" | 74,000 60,000 | 53,000 36,000 | 80-100 Rb 70-100 Rb |
|  | J-429 5 J-1199 88 | 267 8.8 | A-449 | acero medio carbono SAE 1038/1041 | #4 - 1" 1-1/8" - 1-1/2" | 120,000 105,000 | 92,000 81,000 | 25-34 Rc 19-30 Rc |
|  | J-429 8 J-1199 109 | 267 10.9 | A-354 BD | acero aleado medio carbono SAE 4140/8740 | #4 - 1-1/2" | 150,000 | 130,000 | 33-39 Rc |
|  | - | - | A-325 TIPO 1 | acero medio carbono SAE 1038 | 1/2" - 1" 1-1/8"-1-1/2" | 120,000 105,000 | 92,000 81,000 | 25-34 Rc 19-30 Rc |
|  | - | - | A-490 TIPO 1 | acero aleado medio carbono SAE 4140/8740 | 1/2" - 1-1/2" | 150,000 | 130,000 | 33-38 Rc |
|  | J-429 1 | 267 4.6 | A-307 A | acero bajo carbono SAE 1010 | 1/4" - 1/2" | 60,000 | 36,000 | 70-100 Rb |
|  | J-430 1 | - | A-502 2 | acero bajo carbono SAE 1010 | 1/8" - 5/8" | 52,000 | 28,000 | 76 - 85 Rb |