| To remove these screws and bolts | Use drill bit size | Use extractor size |
| :---: | :---: | :---: |
| 3/16" - 5/16", 5 mm - 8 mm, No. 10 | 9/64" | \#1 straight |
| $3 / 8$ ", 10 mm | 3/16" | \#2 straight |
| 7/16", $10 \mathrm{~mm}, 1 / 8$ " NPT, 1/8" BSP | 15/64" | \#3 straight |
| 1/2" - 9/16", 12 mm - $14 \mathrm{~mm}, 1 / 4$ " NPT, 1/4" BSP | 5/16" | \#4 straight |
| 5/8", $16 \mathrm{~mm}, 3 / 8^{\prime \prime}$ NPT, 3/8" BSP | 3/8" | \#5 straight |
| 3/4", $20 \mathrm{~mm}, 1 / 2^{\prime \prime}$ NPT, 1/2" BSP | 15/32" | \#6 straight |
| 7/8", $22 \mathrm{~mm}, 5 / 8$ " BSP | 9/16" | \#7 straight |
| 3/32" - 5/32", 2.5 mm - 4 mm, No. 3 - No. 6 | 5/64" | \#1 spiral |
| 5/32" - 7/32", 4 mm - 6 mm, No. 6 - No. 12 | 7/64" | \#2 spiral |
| 7/32"-9/32", 6 mm - 8 mm, No. 14 | 5/32" | \#3 spiral |
| 9/32" - 3/8", 8 mm - $10 \mathrm{~mm}, 1 / 8^{\prime \prime}$ NPT, 1/8" BSP | 1/4" | \#4 spiral |
| 3/8" - 5/8", 10 mm - $16 \mathrm{~mm}, 1 / 4^{\prime \prime}$ NPT, 1/4" BSP | 19/64" | \#5 spiral |
| 5/8" - 7/8", 16 mm - $22 \mathrm{~mm}, 3 / 8^{\prime \prime}$ NPT, 3/8" BSP | 13/32" | \#6 spiral |
| 7/8" - 1-1/8", 22 mm - 27 mm , 1/2" NPT, 1/2" BSP | 17/32" | \#7 spiral |
| 1-1/8" - 1-3/8", 27 mm - $36 \mathrm{~mm}, 3 / 4$ " NPT, 3/4" BSP | 13/16" | \#8 spiral |
| 1-3/8" - 2", 36 mm - $52 \mathrm{~mm}, 1^{\prime \prime}$ NPT, 1" BSP | 1-1/16" | \#9 spiral |
| 2-1/8" - 2-1/2", 52 mm - $68 \mathrm{~mm}, 1-1 / 4 " \mathrm{NPT}$, 1-1/4" BSP | 1-5/16" | \#10 spiral |
| No. 12, 5 mm | 1/8" | 1/8" multi-spline |
| 1/4", 6 mm , No. 14 | 5/32" | 5/32" multi-spline |
| $5 / 16 ", 7 \mathrm{~mm}-8 \mathrm{~mm}$ | 3/16" | 3/16" multi-spline |
| $3 / 8 ", 9 \mathrm{~mm}-10 \mathrm{~mm}$ | 7/32" | 7/32" multi-spline |
| 7/16", 11 mm | 1/4" | $1 / 4$ " multi-spline |
| 1/2", 12 mm | 9/32" | 9/32" multi-spline |
| 9/16", 14 mm | 5/16" | $5 / 16$ " multi-spline |
| 5/8", 16 mm | 11/32" | 11/32" multi-spline |
| 11/16", 18 mm | 3/8" | $3 / 8$ " multi-spline |
| 3/4", 19 mm | 13/32" | 13/32" multi-spline |
| 13/16", 20 mm | 7/16" | 7/16" multi-spline |
| 7/8", 22 mm | 15/32" | 15/32" multi-spline |
| 15/16", 24 mm | 1/2" | 1/2" multi-spline |
| 1", 25 mm | 17/32" | 17/32" multi-spline |
| 1-1/16", 27 mm | 9/16" | 9/16" multi-spline |
| 1-1/8", 28 mm | 19/32" | 19/32" multi-spline |
| $1-3 / 16$ ", 30 mm | 5/8" | $5 / 8^{\prime \prime}$ multi-spline |
| 1-1/4", 32 mm | 21/32" | 21/32" multi-spline |
| 1-5/16", 33 mm | 11/16" | 11/16" multi-spline |
| 1-3/8", 35 mm | 23/32" | 23/32" multi-spline |
| 1-7/16", 36 mm | 3/4" | $3 / 4$ " multi-spline |
| 1-1/2", 38 mm | 25/32" | 25/32" multi-spline |
| 1-9/16", 40 mm | 13/16" | 13/16" multi-spline |
| 1-5/8", 42 mm | 27/32" | 27/32" multi-spline |
| 1-11/16", 43 mm | 7/8" | 7/8" multi-spline |

