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# SURFACE VEHICLE STANDARD

SAE J502

REV. SEP72

Issued 1928-02
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Superseding J502 JAN56

Submitted for recognition as an American National Standard

## (R) WOODRUFF KEYS

***1. Scope***

***2. References***—There are no referenced publications specified herein.

***3. Material***—Keys are to be carbon steel or alloy heat treated steel as specified. Carbon steel keys are to be 0.30 carbon minimum, with hardness of Rockwell B 90 minimum. Alloy steel keys are to be SAE 2330 or 8630 steel, heat treated to a hardness of 40-50 RC; or other alloy steels having equal physical properties at the same hardness. Alloy heat treated keys are to be marked with depressions on the top to distinguish them from carbon steel keys.

***4. Dimensions***—Dimensions are to be as given in Tables 1A, 1B, and 2 and Figures 1, 2, and 3.

**4.1 Width A (Shown in Illustrations Accompanying Tables)**—Values shown were set with the maximum key slot width as that figure which will receive a key with the greatest amount of looseness consistent with assuring the key's sticking in the slot. Minimum key slot width is that figure permitting the largest shaft distortion acceptable when assembling maximum key in minimum key slot.

**4.2 Dimensions A, B, C, and E**—These dimensions are to be taken at the side intersection.

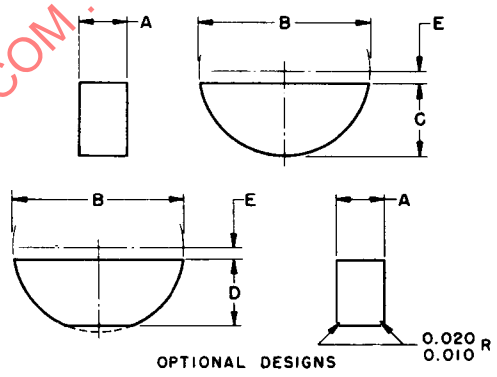


FIGURE 1—

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## TABLE 1A—KEY DIMENSIONS

| Part No. | SAE Nominal Size | Width, A +0.001 −0.000 | Dia, B +0.000 −0.010 | Heights C +0.000 −0.006 | Heights D +0.000 −0.006 | Heights E Nominal | Key Area at Shear Line | Approx-imate Weight, Lb per 1000 |
|---|---|---|---|---|---|---|---|---|
| 201 | 1/16 x 1/4 | 0.0625 | 0.250 | 0.109 | — | 1/64 | 0.0145 | 0.6 |
| 206 | 1/16 x 5/16 | 0.0625 | 0.312 | 0.140 | — | 1/64 | 0.0184 | 0.7 |
| 207 | 3/32 x 5/16 | 0.0938 | 0.312 | 0.140 | — | 1/64 | 0.0264 | 0.9 |
| 211 | 1/16 x 3/8 | 0.0625 | 0.375 | 0.172 | — | 1/64 | 0.0225 | 0.9 |
| 212 | 3/32 x 3/8 | 0.0938 | 0.375 | 0.172 | — | 1/64 | 0.0328 | 1.3 |
| 213 | 1/8 x 3/8 | 0.1250 | 0.375 | 0.172 | — | 1/64 | 0.0420 | 1.5 |
| 1 | 1/16 x 1/2 | 0.0625 | 0.500 | 0.203 | 0.194 | 3/64 | 0.0296 | 1.3 |
| 2 | 3/32 x 1/2 | 0.0938 | 0.500 | 0.203 | 0.194 | 3/64 | 0.0434 | 1.9 |
| 3 | 1/8 x 1/2 | 0.1250 | 0.500 | 0.203 | 0.194 | 3/64 | 0.0512 | 2.5 |
| 4 | 3/32 x 5/8 | 0.0938 | 0.625 | 0.250 | 0.240 | 1/16 | 0.0523 | 3.0 |
| 5 | 1/8 x 5/8 | 0.1250 | 0.625 | 0.250 | 0.240 | 1/16 | 0.0716 | 3.9 |
| 6 | 5/32 x 5/8 | 0.1563 | 0.625 | 0.250 | 0.240 | 1/16 | 0.0871 | 4.9 |
| 61 | 3/16 x 5/8 | 0.1875 | 0.625 | 0.250 | 0.240 | 1/16 | 0.0105 | 5.8 |
| 7 | 1/8 x 3/4 | 0.1250 | 0.750 | 0.313 | 0.303 | 1/16 | 0.0884 | 6.1 |
| 8 | 5/32 x 3/4 | 0.1563 | 0.750 | 0.313 | 0.303 | 1/16 | 0.1086 | 7.5 |
| 9 | 3/16 x 3/4 | 0.1875 | 0.750 | 0.313 | 0.303 | 1/16 | 0.1279 | 9.0 |
| 91 | 1/4 x 3/4 | 0.2500 | 0.750 | 0.313 | 0.303 | 1/16 | 0.1623 | 12.0 |
| 10 | 5/32 x 7/8 | 0.1563 | 0.875 | 0.375 | 0.365 | 1/16 | 0.1294 | 11.0 |
| 11 | 3/16 x 7/8 | 0.1875 | 0.875 | 0.375 | 0.365 | 1/16 | 0.1531 | 13.0 |
| 12 | 7/32 x 7/8 | 0.2188 | 0.875 | 0.375 | 0.365 | 1/16 | 0.1813 | 14.9 |
| A | 1/4 x 7/8 | 0.2500 | 0.875 | 0.375 | 0.365 | 1/16 | 0.1976 | 17.0 |
| 13 | 3/16 x 1 | 0.1875 | 1.000 | 0.438 | 0.428 | 1/16 | 0.1781 | 17.0 |
| 14 | 7/32 x 1 | 0.2188 | 1.000 | 0.438 | 0.428 | 1/16 | 0.2100 | 20.1 |
| 15 | 1/4 x 1 | 0.2500 | 1.000 | 0.438 | 0.428 | 1/16 | 0.2320 | 23.0 |
| B | 5/16 x 1 | 0.3125 | 1.000 | 0.438 | 0.428 | 1/16 | 0.2811 | 29.0 |
| 16 | 3/16 x 1-1/8 | 0.1875 | 1.125 | 0.484 | 0.475 | 5/64 | 0.2007 | 22.0 |
| 17 | 7/32 x 1-1/8 | 0.2188 | 1.125 | 0.484 | 0.475 | 5/64 | 0.2320 | 25.0 |
| 18 | 1/4 x 1-1/8 | 0.2500 | 1.125 | 0.484 | 0.475 | 5/64 | 0.2622 | 29.0 |
| C | 5/16 x 1-1/8 | 0.3125 | 1.125 | 0.484 | 0.475 | 5/64 | 0.3193 | 36.0 |
| 19 | 3/16 x 1-1/4 | 0.1875 | 1.250 | 0.547 | 0.537 | 5/64 | 0.2284 | 27.1 |
| 20 | 7/32 x 1-1/4 | 0.2188 | 1.250 | 0.547 | 0.537 | 5/64 | 0.2608 | 31.8 |
| 21 | 1/4 x 1-1/4 | 0.2500 | 1.250 | 0.547 | 0.537 | 5/64 | 0.2955 | 36.0 |
| D | 5/16 x 1-1/4 | 0.3125 | 1.250 | 0.547 | 0.537 | 5/64 | 0.3621 | 45.0 |
| E | 3/8 x 1-1/4 | 0.3750 | 1.250 | 0.547 | 0.537 | 5/64 | 0.4243 | 54.0 |
| 22 | 1/4 x 1-3/8 | 0.2500 | 1.375 | 0.594 | 0.584 | 3/32 | 0.3259 | 43.0 |
| 23 | 5/16 x 1-3/8 | 0.3125 | 1.375 | 0.594 | 0.584 | 3/32 | 0.4003 | 54.0 |
| F | 3/8 x 1-3/8 | 0.3750 | 1.375 | 0.594 | 0.584 | 3/32 | 0.4705 | 65.0 |
| 24 | 1/4 x 1-1/2 | 0.2500 | 1.500 | 0.641 | 0.631 | 7/64 | 0.3562 | 50.0 |
| 25 | 5/16 x 1-1/2 | 0.3125 | 1.500 | 0.641 | 0.631 | 7/64 | 0.4384 | 63.0 |
| G | 3/8 x 1-1/2 | 0.3750 | 1.500 | 0.641 | 0.631 | 7/64 | 0.5166 | 75.0 |

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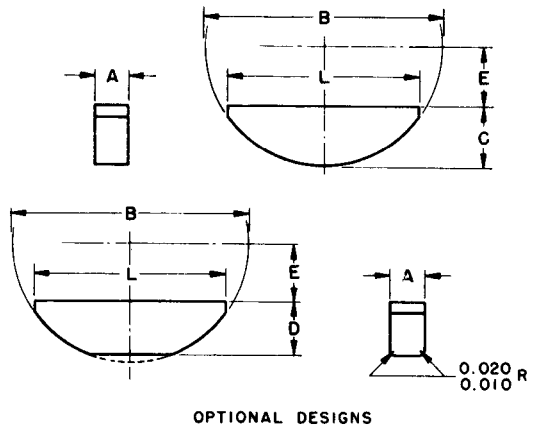


FIGURE 2—

## TABLE 1B—KEY DIMENSIONS

| Part No. | SAE Nominal Size | Width, A +0.001 -0.000 | Dia, B +0.000 –0.010 | Heights C +0.000 –0.005 | Heights D +0.000 –0.006 | Heights E Nominal | Length, L +0.000 –0.010 | Key Area at Shear Line | Approx-imate Weight, Lb per 1000 |
|---|---|---|---|---|---|---|---|---|---|
| 126 | 3/16 x 2-1/8 | 0.1875 | 2.125 | 0.406 | 0.396 | 21/32 | 1.380 | 0.2578 | 23.4 |
| 127 | 1/4 x 2-1/8 | 0.2500 | 2.125 | 0.406 | 0.396 | 21/32 | 1.380 | 0.3437 | 31.2 |
| 128 | 5/16 x 2-1/8 | 0.3125 | 2.125 | 0.406 | 0.396 | 21/32 | 1.380 | 0.4296 | 39.3 |
| 129 | 3/8 x 2-1/8 | 0.3750 | 2.125 | 0.406 | 0.396 | 21/32 | 1.380 | 0.4833 | 47.2 |
| 26 | 3/16 x 2-1/8 | 0.1875 | 2.125 | 0.531 | 0.521 | 17/32 | 1.723 | 0.3222 | 36.3 |
| 27 | 1/4 x 2-1/8 | 0.2500 | 2.125 | 0.531 | 0.521 | 17/32 | 1.723 | 0.4178 | 48.2 |
| 28 | 5/16 x 2-1/8 | 0.3125 | 2.125 | 0.531 | 0.521 | 17/32 | 1.723 | 0.5062 | 60.1 |
| 29 | 3/8 x 2-1/8 | 0.3750 | 2.125 | 0.531 | 0.521 | 17/32 | 1.723 | 0.5868 | 72.3 |
| Rx | 1/4 x 2-3/4 | 0.2500 | 2.750 | 0.594 | 0.584 | 25/32 | 2.000 | 0.5000 | 64.8 |
| Sx | 5/16 x 2-3/4 | 0.3125 | 2.750 | 0.594 | 0.584 | 25/32 | 2.000 | 0.6286 | 80.8 |
| Tx | 3/8 x 2-3/4 | 0.3750 | 2.750 | 0.594 | 0.584 | 25/32 | 2.000 | 0.6943 | 96.6 |
| Ux | 7/16 x 2-3/4 | 0.4375 | 2.750 | 0.594 | 0.584 | 25/32 | 2.000 | 0.8253 | 112.9 |
| Vx | 1/2 x 2-3/4 | 0.5000 | 2.750 | 0.594 | 0.584 | 25/32 | 2.000 | 0.9094 | 129.3 |
| R | 1/4 x 2-3/4 | 0.2500 | 2.750 | 0.750 | 0.740 | 5/8 | 2.317 | 0.5718 | 91.6 |
| S | 5/16 x 2-3/4 | 0.3125 | 2.750 | 0.750 | 0.740 | 5/8 | 2.317 | 0.7071 | 114.2 |
| T | 3/8 x 2-3/4 | 0.3750 | 2.750 | 0.750 | 0.740 | 5/8 | 2.317 | 0.8319 | 136.6 |
| U | 7/16 x 2-3/4 | 0.4375 | 2.750 | 0.750 | 0.740 | 5/8 | 2.317 | 0.9499 | 159.2 |
| V | 1/2 x 2-3/4 | 0.5000 | 2.750 | 0.750 | 0.740 | 5/8 | 2.317 | 1.0606 | 191.8 |
| 30 | 3/8 x 3-1/2 | 0.3750 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.0781 | 216.0 |
| 31 | 7/16 x 3-1/2 | 0.4375 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.2371 | 252.0 |
| 32 | 1/2 x 3-1/2 | 0.5000 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.3905 | 288.0 |
| 33 | 9/16 x 3-1/2 | 0.5625 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.5368 | 325.0 |
| 34 | 5/8 x 3-1/2 | 0.6250 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.6755 | 359.0 |
| 35 | 11/16 x 3-1/2 | 0.6875 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.8062 | 399.0 |
| 36 | 3/4 x 3-1/2 | 0.7500 | 3.500 | 0.938 | 0.927 | 13/16 | 2.880 | 1.9281 | 435.0 |

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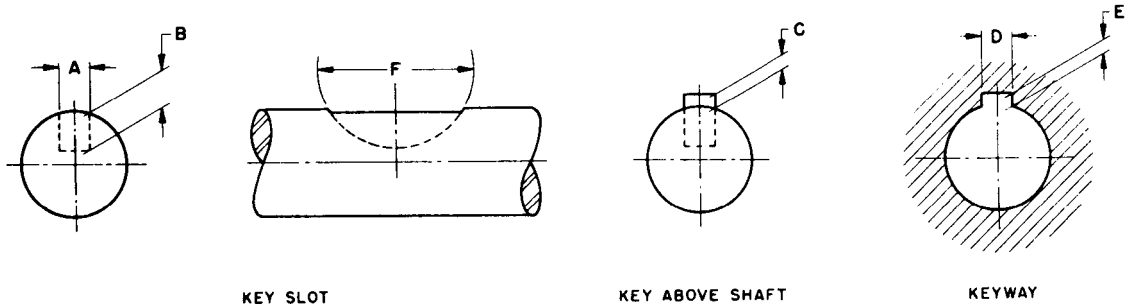


FIGURE 3—

## TABLE 2—KEY SLOT AND KEYWAY DIMENSIONS

| Part No. | SAE Nominal Size | Key Slot Width, A Min | Key Slot Width A Max | Key Slot Depth, B +0.005 −0.000 | Key Slot Dia, F Min | Key Slot Dia, F Max | Key above Shaft Height, C ±0.005 | Key-way Width, D +0.002 −0.000 | Key-way Depth, E +0.005 −0.000 | Mfrs Part No. | SAE Nominal Size | Key Slot Width, A Min | Key Slot Width, A Max | Key Slot Depth, B +0.005 −0.000 | Key Slot Dia, F Min | Key Slot Dia, F Max | Key above Shaft Height, C ±0.005 | Key way Width, D +0.002 −0.000 | Key way Depth, E +0.005 −0.000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 201 | 1/16 x 1/4 | 0.0615 | 0.0630 | 0.0728 | 0.250 | 0.268 | 0.0312 | 0.0635 | 0.0372 | E | 3/8 x 1-1/4 | 0.3735 | 0.3755 | 0.3545 | 1.250 | 1.273 | 0.1875 | 0.3760 | 0.1935 |
| 206 | 1/16 x 5/16 | 0.0615 | 0.0630 | 0.1038 | 0.312 | 0.330 | 0.0312 | 0.0635 | 0.0372 | 22 | 1/4 x 1-3/8 | 0.2487 | 0.2505 | 0.4640 | 1.375 | 1.398 | 0.1250 | 0.2510 | 0.1310 |
| 207 | 3/32 x 5/16 | 0.0928 | 0.0943 | 0.0882 | 0.312 | 0.330 | 0.0469 | 0.0948 | 0.0529 | 23 | 5/16 x 1-3/8 | 0.3111 | 0.3130 | 0.4328 | 1.375 | 1.398 | 0.1562 | 0.3135 | 0.1622 |
| 211 | 1/16 x 3/8 | 0.0615 | 0.0630 | 0.1358 | 0.375 | 0.393 | 0.0312 | 0.0635 | 0.0372 | | | | | | | | | | |
| 212 | 3/32 x 3/8 | 0.0928 | 0.0943 | 0.1202 | 0.375 | 0.393 | 0.0469 | 0.0948 | 0.0529 | F | 3/8 x 1-3/8 | 0.3735 | 0.3755 | 0.4015 | 1.375 | 1.398 | 0.1875 | 0.3760 | 0.1935 |
| 213 | 1/8 x 3/8 | 0.1240 | 0.1255 | 0.1045 | 0.375 | 0.393 | 0.0625 | 0.1260 | 0.0685 | 24 | 1/4 x 1-1/2 | 0.2487 | 0.2505 | 0.5110 | 1.500 | 1.523 | 0.1250 | 0.2510 | 0.1310 |
| | | | | | | | | | | 25 | 5/16 x 1-1/2 | 0.3111 | 0.3130 | 0.4798 | 1.500 | 1.523 | 0.1562 | 0.3135 | 0.1622 |
| 1 | 1/16 x 1/2 | 0.0615 | 0.0630 | 0.1668 | 0.500 | 0.518 | 0.0312 | 0.0635 | 0.0372 | G | 3/8 x 1-1/2 | 0.3735 | 0.3755 | 0.4485 | 1.500 | 1.523 | 0.1875 | 0.3760 | 0.1935 |
| 2 | 3/32 x 1/2 | 0.0928 | 0.0943 | 0.1511 | 0.500 | 0.518 | 0.0469 | 0.0948 | 0.0529 | | | | | | | | | | |
| 3 | 1/8 x 1/2 | 0.1240 | 0.1255 | 0.1355 | 0.500 | 0.518 | 0.0625 | 0.1260 | 0.0685 | 126 | 3/16 x 2-1/8 | 0.1863 | 0.1880 | 0.3073 | 2.125 | 2.160 | 0.0937 | 0.1885 | 0.0997 |
| 4 | 3/32 x 5/8 | 0.0928 | 0.0943 | 0.1981 | 0.625 | 0.643 | 0.0469 | 0.0948 | 0.0529 | 127 | 1/4 x 2-1/8 | 0.2487 | 0.2505 | 0.2760 | 2.125 | 2.160 | 0.1250 | 0.2510 | 0.1310 |
| 5 | 1/8 x 5/8 | 0.1240 | 0.1255 | 0.1825 | 0.625 | 0.643 | 0.0625 | 0.1260 | 0.0685 | 128 | 5/16 x 2-1/8 | 0.3111 | 0.3130 | 0.2448 | 2.125 | 2.160 | 0.1562 | 0.3135 | 0.1622 |
| 6 | 5/32 x 5/8 | 0.1553 | 0.1568 | 0.1669 | 0.625 | 0.643 | 0.0781 | 0.1573 | 0.0841 | 129 | 3/8 x 2-1/8 | 0.3735 | 0.3755 | 0.2135 | 2.125 | 2.160 | 0.1875 | 0.3760 | 0.1935 |
| 61 | 3/16 x 5/8 | 0.1863 | 0.1880 | 0.1513 | 0.625 | 0.643 | 0.0937 | 0.1885 | 0.0997 | 26 | 3/16 x 2-1/8 | 0.1863 | 0.1880 | 0.4323 | 2.125 | 2.160 | 0.0937 | 0.1885 | 0.0997 |
| 7 | 1/8 x 3/4 | 0.1240 | 0.1255 | 0.2455 | 0.750 | 0.768 | 0.0625 | 0.1260 | 0.0685 | 27 | 1/4 x 2-1/8 | 0.2487 | 0.2505 | 0.4010 | 2.125 | 2.160 | 0.1250 | 0.2510 | 0.1310 |
| 8 | 5/32 x 3/4 | 0.1553 | 0.1568 | 0.2299 | 0.750 | 0.768 | 0.0781 | 0.1573 | 0.0841 | 28 | 5/16 x 2-1/8 | 0.3111 | 0.3130 | 0.3698 | 2.125 | 2.160 | 0.1562 | 0.3135 | 0.1622 |
| 9 | 3/16 x 3/4 | 0.1863 | 0.1880 | 0.2143 | 0.750 | 0.768 | 0.0937 | 0.1885 | 0.0997 | 29 | 3/8 x 2-1/8 | 0.3735 | 0.3755 | 0.3385 | 2.125 | 2.160 | 0.1875 | 0.3760 | 0.1935 |
| 91 | 1/4 x 3/4 | 0.2487 | 0.2505 | 0.1830 | 0.750 | 0.768 | 0.1250 | 0.2510 | 0.1310 | | | | | | | | | | |
| 10 | 5/32 x 7/8 | 0.1553 | 0.1568 | 0.2919 | 0.875 | 0.895 | 0.0781 | 0.1573 | 0.0841 | Rx | 1/4 x 2-3/4 | 0.2487 | 0.2505 | 0.4640 | 2.750 | 2.785 | 0.1250 | 0.2510 | 0.1310 |
| | | | | | | | | | | Sx | 5/16 x 2-3/4 | 0.3111 | 0.3130 | 0.4328 | 2.750 | 2.785 | 0.1562 | 0.3135 | 0.1622 |
| 11 | 3/16 x 7/8 | 0.1863 | 0.1880 | 0.2763 | 0.875 | 0.895 | 0.0937 | 0.1885 | 0.0997 | Tx | 3/8 x 2-3/4 | 0.3735 | 0.3755 | 0.4015 | 2.750 | 2.785 | 0.1875 | 0.3760 | 0.1935 |
| 12 | 7/32 x 7/8 | 0.2175 | 0.2193 | 0.2607 | 0.875 | 0.895 | 0.1093 | 0.2198 | 0.1153 | Ux | 7/16 x 2-3/4 | 0.4360 | 0.4380 | 0.3703 | 2.750 | 2.785 | 0.2187 | 0.4385 | 0.2247 |
| A | 1/4 x 7/8 | 0.2487 | 0.2505 | 0.2450 | 0.875 | 0.895 | 0.1250 | 0.2510 | 0.1310 | Vx | 1/2 x 2-3/4 | 0.4985 | 0.5005 | 0.3390 | 2.750 | 2.785 | 0.2500 | 0.5010 | 0.2560 |
| 13 | 3/16 x 1 | 0.1863 | 0.1880 | 0.3393 | 1.000 | 1.020 | 0.0937 | 0.1885 | 0.0997 | | | | | | | | | | |
| 14 | 7/32 x 1 | 0.2175 | 0.2193 | 0.3237 | 1.000 | 1.020 | 0.1093 | 0.2198 | 0.1153 | R | 1/4 x 2-3/4 | 0.2487 | 0.2505 | 0.6200 | 2.750 | 2.785 | 0.1250 | 0.2510 | 0.1310 |
| 15 | 1/4 x 1 | 0.2487 | 0.2505 | 0.3080 | 1.000 | 1.020 | 0.1250 | 0.2510 | 0.1310 | S | 5/16 x 2-3/4 | 0.3111 | 0.3130 | 0.5888 | 2.750 | 2.785 | 0.1562 | 0.3135 | 0.1622 |
| | | | | | | | | | | T | 3/8 x 2-3/4 | 0.3735 | 0.3755 | 0.5575 | 2.750 | 2.785 | 0.1875 | 0.3760 | 0.1935 |
| B | 5/16 x 1 | 0.3111 | 0.3130 | 0.2768 | 1.000 | 1.020 | 0.1562 | 0.3135 | 0.1622 | U | 7/16 x 2-3/4 | 0.4360 | 0.4380 | 0.5263 | 2.750 | 2.785 | 0.2187 | 0.4385 | 0.2247 |
| 16 | 3/16 x 1-1/8 | 0.1863 | 0.1880 | 0.3853 | 1.125 | 1.145 | 0.0937 | 0.1885 | 0.0997 | V | 1/2 x 2-3/4 | 0.4985 | 0.5005 | 0.4950 | 2.750 | 2.785 | 0.2500 | 0.5010 | 0.2560 |
| 17 | 7/32 x 1-1/8 | 0.2175 | 0.2193 | 0.3697 | 1.125 | 1.145 | 0.1093 | 0.2198 | 0.1153 | | | | | | | | | | |
| 18 | 1/4 x 1-1/8 | 0.2487 | 0.2505 | 0.3540 | 1.125 | 1.145 | 0.1250 | 0.2510 | 0.1310 | 30 | 3/8 x 3-1/2 | 0.3735 | 0.3755 | 0.7455 | 3.500 | 3.535 | 0.1875 | 0.3760 | 0.1935 |
| C | 5/16 x 1-1/8 | 0.3111 | 0.3130 | 0.3228 | 1.125 | 1.145 | 0.1562 | 0.3135 | 0.1622 | 31 | 7/16 x 3-1/2 | 0.4360 | 0.4380 | 0.7143 | 3.500 | 3.535 | 0.2187 | 0.4385 | 0.2247 |
| 19 | 3/16 x 1-1/4 | 0.1863 | 0.1880 | 0.4483 | 1.250 | 1.273 | 0.0937 | 0.1885 | 0.0997 | 32 | 1/2 x 3-1/2 | 0.4985 | 0.5005 | 0.6830 | 3.500 | 3.535 | 0.2500 | 0.5010 | 0.2560 |
| | | | | | | | | | | 33 | 9/16 x 3-1/2 | 0.5610 | 0.5630 | 0.6518 | 3.500 | 3.535 | 0.2812 | 0.5635 | 0.2872 |
| 20 | 7/32 x 1-1/4 | 0.2175 | 0.2193 | 0.4327 | 1.250 | 1.273 | 0.1093 | 0.2198 | 0.1153 | 34 | 5/8 x 3-1/2 | 0.6235 | 0.6255 | 0.6205 | 3.500 | 3.535 | 0.3125 | 0.6260 | 0.3185 |
| 21 | 1/4 x 1-1/4 | 0.2487 | 0.2505 | 0.4170 | 1.250 | 1.273 | 0.1250 | 0.2510 | 0.1310 | 35 | 11/16 x 3-1/2 | 0.6860 | 0.6880 | 0.5893 | 3.500 | 3.535 | 0.3437 | 0.6885 | 0.3497 |
| D | 5/16 x 1-1/4 | 0.3111 | 0.3130 | 0.3858 | 1.250 | 1.273 | 0.1562 | 0.3135 | 0.1622 | 36 | 3/4 x 3-1/2 | 0.7485 | 0.7505 | 0.5580 | 3.500 | 3.535 | 0.3750 | 0.7510 | 0.3810 |

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