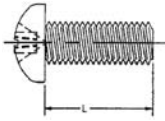


ALLOY/STRUCTURAL — MACHINE SCREWS

MS51957 / MS51958 STAINLESS MACHINE SCREWS



- Phillips Pan Head
- 300 Series Stainless Steel
- Finish - Passivate per QQ-P-35



| Thread | Length | Phillips Part No. | Price Each | Thread | Length | Phillips Part No. | Price Each |
|--------|--------|-------------------|------------|--------|--------|-------------------|------------|
| 2-56 | .188 | MS51957-2 | \$0.05 | 6-32 | .500 | MS51957-30 | \$0.06 |
| | .250 | MS51957-3 | \$0.05 | | .625 | MS51957-31 | \$0.08 |
| | .312 | MS51957-4 | \$0.05 | | .750 | MS51957-32 | \$0.09 |
| | .375 | MS51957-5 | \$0.04 | | .875 | MS51957-33 | \$0.10 |
| | .438 | MS51957-6 | \$0.06 | | 1.00 | MS51957-34 | \$0.10 |
| | .500 | MS51957-7 | \$0.07 | | .250 | MS51957-41 | \$0.09 |
| | .750 | MS51957-9 | \$0.07 | | .312 | MS51957-42 | \$0.09 |
| | .875 | MS51957-10 | \$0.08 | | .375 | MS51957-43 | \$0.09 |
| | .188 | MS51957-12 | \$0.05 | | .438 | MS51957-44 | \$0.08 |
| 4-40 | .250 | MS51957-13 | \$0.05 | 8-32 | .500 | MS51957-45 | \$0.11 |
| | .312 | MS51957-14 | \$0.06 | | .625 | MS51957-46 | \$0.10 |
| | .375 | MS51957-15 | \$0.05 | | .750 | MS51957-47 | \$0.11 |
| | .438 | MS51957-16 | \$0.06 | | .875 | MS51957-48 | \$0.10 |
| | .500 | MS51957-17 | \$0.05 | | 1.00 | MS51957-49 | \$0.14 |
| | .625 | MS51957-18 | \$0.06 | | .312 | MS51958-60 | \$0.12 |
| | .750 | MS51957-19 | \$0.08 | | .375 | MS51958-61 | \$0.14 |
| | .875 | MS51957-20 | \$0.11 | | .438 | MS51958-62 | \$0.16 |
| | 1.00 | MS51957-21 | \$0.07 | | .500 | MS51958-63 | \$0.13 |
| 6-32 | .188 | MS51957-25 | \$0.06 | 10-32 | .625 | MS51958-64 | \$0.15 |
| | .250 | MS51957-26 | \$0.06 | | .750 | MS51958-65 | \$0.18 |
| | .312 | MS51957-27 | \$0.06 | | .875 | MS51958-66 | \$0.16 |
| | .375 | MS51957-28 | \$0.05 | | 1.00 | MS51958-67 | \$0.19 |
| | .438 | MS51957-29 | \$0.07 | | 1.25 | MS51958-68 | \$0.19 |

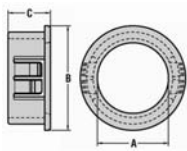
Fingertip Assembly



SNAP BUSHINGS
Ideal for abrasion and cutting protection of wiring, antenna leads, tubing, cables, etc. that are routed through bulkheads, ribs and other internal aircraft structures. Made of hard black nylon. Drill a hole about 1/8" larger than bushing I.D. and insert bushing. Spring-like fingers snap out to hold it in place. Special sizes on request with 100 piece minimum. *For .062" max. bulkhead thickness. All others for .125" max. bulkhead thickness.

| Mounting Part No. | Hole Dia. | Bushing I.D. | Price Ea. | Mounting Part No. | Hole Dia. | Bushing I.D. | Price Ea. |
|-------------------|-----------|--------------|-----------|-------------------|-----------|--------------|-----------|
| 04-05700* | .250 | 1/8" | \$0.08 | 04-05753 | .500 | 3/8 | \$0.12 |
| 04-05710* | .312 | 3/16" | \$0.12 | 04-05775 | .625 | 1/4" | \$0.29 |
| 04-05730 | .375 | 1/4" | \$0.09 | 04-05773 | .625 | 1/2" | \$0.13 |
| 04-05738 | .437 | 1/4" | \$0.12 | 04-05790 | .750 | 3/8" | \$0.23 |
| 04-05758 | .500 | 1/4" | \$0.16 | 04-05793 | .750 | 9/16" | \$0.17 |

*For .062" max. bulkhead thickness. All others for .125" max. bulkhead thickness. Less 15% Discount on 100 pieces per size.



SNAP BUSHINGS
Converts raw-edged holes to smooth, neat, insulated holes. Locking fingers "snap" into holes with fingertip pressure. Locking finger steps are designed at fractional increments to accommodate a range of panel thicknesses up to .250" (6.4 mm). Withstands a push back force of 35 pounds.

| Panel Dimensions | | | | P/N | UL/CSA Designation | Part Dimensions | | | | | |
|-------------------|---------------|---------------|-------------|-------------------|--------------------|-----------------|------------------|----------------|------|------|------|
| Maximum Thickness | Mounting Hole | Hole Dia. | Color | A Inside Diameter | | B Head Diameter | C Overall Height | Overall Height | | | |
| in. | mm. | in. | mm. | Black | in. | mm. | in. | mm. | | | |
| .125 | 3,2 | 1.093 - 1.125 | 27, 28-28.6 | 2163 | SB1093 - 14 | .875 | 22,2 | 1.218 | 30,9 | .453 | 11,5 |
| .125 | 3,2 | 1.093 - 1.125 | 27, 28-28.6 | 2166 | SB1093 - 15 | .937 | 23,8 | 1.218 | 30,9 | .453 | 11,5 |

Model 2163 P/N 04-01985 \$0.23

Model 2166 P/N 04-01986 \$0.35

AN535 DRIVE SCREWS

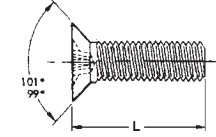


Hardened steel screws to make permanent fastenings to ferrous and non-ferrous castings, heavy gauge steel, plastics, etc. Cadmiumplated. Spec. MS21318

| AN535 Dash # | MS21318 Dash # | Dia. In. | Length In. | Sugg. Drill Size | Price Each |
|--------------|----------------|----------|------------|------------------|------------|
| -00-4 | -3 | .060 | 1/4 | #55 (.052") | \$0.76 |
| -0-4 | -9 | .075 | 1/4 | #51 (.067") | \$0.06 |
| -2-3 | -14 | .100 | 3/16 | #44 (.086") | \$0.06 |
| -2-4 | -15 | .100 | 1/4 | #44 (.086") | \$0.06 |
| -4-4 | -21 | .116 | 1/4 | #37 (.104") | \$0.06 |
| -00-2 | -1 | .060 | 1/8 | #55 (.052") | \$0.05 |
| -00-3 | -2 | .060 | 3/16 | #55 (.052") | \$0.06 |
| -0-2 | -7 | .075 | 1/8 | #51 (.067") | \$0.06 |
| -0-3 | -8 | .075 | 3/16 | #51 (.067") | \$0.06 |
| -2-2 | -13 | .100 | 1/8 | #44 (.086") | \$0.06 |
| -4-3 | -20 | .116 | 3/16 | #37 (.104") | \$0.07 |
| -4-5 | -22 | .116 | 5/16 | #37 (.104") | \$0.07 |

NAS514 MACHINE SCREWS

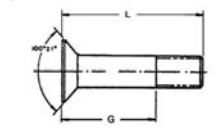
- Phillips 100° Flat Head
- Fully Threaded
- Alloy Steel (8740)
- Finish - Cadmium per QQ-P-416 Type II
- Tensile - 125,000 145,000 PSI



| Thrd. | Length | Phillips Part No. | Price Ea. |
|-------|-----------------|-------------------|-----------|
| 4-40 | .250 | NAS514P440-4P | \$0.07 |
| | .312 | NAS514P440-5P | \$0.08 |
| | .375 | NAS514P440-6P | \$0.08 |
| | .438 | NAS514P440-7P | \$0.08 |
| | .500 | NAS514P440-8P | \$0.08 |
| | .625 | NAS514P440-10P | \$0.08 |
| 6-32 | .750 | NAS514P440-12P | \$0.16 |
| | .188 | NAS514P632-3P | \$0.13 |
| | .250 | NAS514P632-4P | \$0.11 |
| | .312 | NAS514P632-5P | \$0.08 |
| | .375 | NAS514P632-6P | \$0.08 |
| | .438 | NAS514P632-7P | \$0.08 |
| | .500 | NAS514P632-8P | \$0.10 |
| | .625 | NAS514P632-10P | \$0.12 |
| | .750 | NAS514P632-12P | \$0.10 |
| | .875 | NAS514P632-14P | \$0.13 |
| 8-32 | 1.00 | NAS514P632-16P | \$0.09 |
| | .250 | NAS514P832-4P | \$0.11 |
| | .312 | NAS514P832-5P | \$0.13 |
| | .375 | NAS514P832-6P | \$0.13 |
| | .438 | NAS514P832-7P | \$0.14 |
| | .500 | NAS514P832-8P | \$0.14 |
| | .625 | NAS514P832-10P | \$0.16 |
| | .750 | NAS514P832-12P | \$0.12 |
| | .875 | NAS514P832-14P | \$0.14 |
| | 1.00 | NAS514P832-16P | \$0.28 |
| 10-32 | 1.25 | NAS514P832-20P | \$0.15 |
| | .250 | NAS514P1032-4P | \$0.13 |
| | .312 | NAS514P1032-5P | \$0.12 |
| | .375 | NAS514P1032-6P | \$0.13 |
| | .438 | NAS514P1032-7P | \$0.16 |
| | .500 | NAS514P1032-8P | \$0.13 |
| | .625 | NAS514P1032-10P | \$0.18 |
| | .750 | NAS514P1032-12P | \$0.14 |
| | .875 | NAS514P1032-14P | \$0.19 |
| | 1.00 | NAS514P1032-16P | \$0.16 |
| 1.25 | NAS514P1032-20P | \$0.19 | |

NAS517 FLUSH HEAD SCREWS

- Phillips 100 Deg. Flat Head
- Alloy Steel Per Mil-S-6049
- Finish - Cad Plate per



| Thrd | Grip | Lgth | Phillips Part No. | Price Ea. |
|-------|------|-------|-------------------|-----------|
| 8-32 | - | .469 | NAS517-2-1 | \$0.27 |
| | .125 | .531 | NAS517-2-2 | \$0.14 |
| | .188 | .594 | NAS517-2-3 | \$0.15 |
| | .250 | .656 | NAS517-2-4 | \$0.14 |
| | .312 | .719 | NAS517-2-5 | \$0.17 |
| | .375 | .781 | NAS517-2-6 | \$0.19 |
| | .438 | .844 | NAS517-2-7 | \$0.17 |
| | .500 | .906 | NAS517-2-8 | \$0.18 |
| | .562 | .969 | NAS517-2-9 | \$0.13 |
| | .625 | 1.031 | NAS517-2-10 | \$0.27 |
| | .688 | 1.093 | NAS517-2-11 | \$0.12 |
| | .750 | 1.156 | NAS517-2-12 | \$0.13 |
| | - | .406 | NAS517-3-0 | \$0.18 |
| | - | .469 | NAS517-3-1 | \$0.14 |
| 10-32 | .125 | .531 | NAS517-3-2 | \$0.11 |
| | .188 | .594 | NAS517-3-3 | \$0.13 |
| | .250 | .656 | NAS517-3-4 | \$0.14 |
| | .312 | .719 | NAS517-3-5 | \$0.14 |
| | .375 | .781 | NAS517-3-6 | \$0.16 |
| | .438 | .844 | NAS517-3-7 | \$0.17 |
| | .500 | .906 | NAS517-3-8 | \$0.19 |
| | .562 | .969 | NAS517-3-9 | \$0.20 |
| | .625 | 1.031 | NAS517-3-10 | \$0.19 |
| | .688 | 1.093 | NAS517-3-11 | \$0.18 |
| | .750 | 1.156 | NAS517-3-12 | \$0.17 |
| | .812 | 1.219 | NAS517-3-13 | \$0.17 |
| | .875 | 1.281 | NAS517-3-14 | \$0.19 |
| | 1.00 | 1.406 | NAS517-3-16 | \$0.19 |

QQ-P-416 Type II SET SCREWS

Set screws are used to provide immediate, binding location of various parts on shafts. Maximum holding pressure is made by the cup point edge gripping the contact surface. Allen head wrenches are used to operate set screws.

| Part No. | Thread | Length | Price | Part No. | Thread | Length | Price |
|----------|--------|--------|--------|----------|--------|--------|--------|
| 04-00182 | 8-32 | 3/16 | \$0.09 | 04-00184 | 10-32 | 1/4 | \$0.10 |
| 04-00183 | 8-32 | 1/4 | \$0.09 | 04-00189 | 10-32 | 1/2 | \$0.23 |
| | | | | 04-00191 | 1/4-28 | 5/16 | \$0.12 |

10-32 X 1/4 INCH ALLEN SET SCREW

Set Screw - Socket Products Type: Socket Set Screws Point Type: Cup Thread Size: 10-32 Overall Length: 1/4 Material: Alloy Steel - Grade 8 Finish/Coating: Black Oxide. Key Size (Inch): 3/32. Metalworking Book: 2085. Big Book: 1830 P/N 04-01032 \$0.40

SHORTY BUSHING 2820

Material: 6/6 Nylon Certifications: File E15331 File LR8919 Flammability Rating: 94V-2 Material Temperature Index: 125°C (257°F)-Max. temperature on part not to exceed 105°C (221°F) Insulating feed-thru bushings for limited internal clearance applications.

P / N 04-02026 \$0.15