








**Solid Rivets**

Inch

Rivets solide

Pouce

| C-1008 SOFT STEEL - HARDNESS ROCKWELL B-60, MAX. |       |   |   |   |   | Plain Finish |            |  | PKG QTY. 100  |   |
|--|-------|---|---|---|---|--------------|------------|--|---|---|
| RIVET SIZE                                       |       |  |  |  |  | RIVET SIZE   |            |  |  |  |
| DIA.   | L.    | ROUND   | FLAT  | TRUSS   | 90° CTSK.   | DIA.         | L.         | ROUND  | FLAT  | TRUSS   |
| 1/8"   | 1/4   | RVT-50  | RVT-49  | 291-177   | 291-029   | cont'd.      | 1          | RVT-5  |   | RVT-106   |
|  | 5/16  | 291-001   | 291-180   | B-1675  |   |              | 1-1/4      | RVT-6  |   | RVT-107   |
|  | 3/8   | RVT-7   |   | B-1625  | 291-F14-1A  |              | 1-1/2      | RVT-64   | RVT-128   | RVT-108   |
| 1/8"   | 1/2   | RVT-51  |   | 291-182   |   | 1/4"         | 1-3/4      | RVT-65   |   | RVT-109   |
|  | 3/4   | RVT-52  |   |   |   |              | 2          | RVT-66   |   |   |
| 3/16"  | 1     | RVT-53  |   |   |   | 5/16"        | 2-1/2      | 291-F06-1N   |   |   |
|  | 3/8   | RVT-54  | RVT-85  | RVT-92  | RVT-114   |              | 1/2        | RVT-67   | RVT-90  | RVT-110   |
|  | 7/16  | RVT-55  |   |   |   |              | 5/8        | B-1693   | RVT-258   | RVT-111   |
|  | 1/2   | RVT-1   | RVT-86  | 291-F07-1C  | RVT-115   |              | 3/4        | RVT-68   |   | RVT-112   |
|  | 9/16  |   | 291-181   |   |   |              | 7/8        | RVT-69   | B-1614  |   |
|  | 5/8   | B-1696  |   | RVT-95  |   |              | 1          | RVT-70   |   | RVT-113   |
|  | 3/4   | RVT-56  |   | RVT-96  | 291-F25-1X  |              | 1-1/4      | RVT-71   |   |   |
| 7/8  | RVT-2 |   | 291-F24-1M  |   | 1-3/4   | RVT-12       |            |  |   |   |
| 1/4"   | 1     | RVT-3   |   | RVT-98  |   | 3/8"         | 2          |  |   |   |
|  | 1-1/4 | RVT-57  |   |   |   |              | 1/2        | RVT-72   |   |   |
|  | 1-1/2 | RVT-58  |   | RVT-100   |   |              | 5/8        | 291-F22-1K   |   |   |
|  | 1-3/4 | 291-F21-1T  |   | RVT-132   |   |              | 3/4        | RVT-74   | RVT-91  |   |
| 1/4"   | 2     |   |   | RVT-101   |   | 7/8          | RVT-75     |  |   |   |
|  | 2-1/4 |   |   | RVT-133   |   | 1            | 291-F03-1P | B-1699   |   |   |
|  |       |   |   |   |   | 1-1/8        | RVT-77     | B-1659   |   |   |
| cont'd.  | 3/8   | RVT-60  | RVT-87  | RVT-102   | RP-66   | 7/16"        | 1-1/4      | RVT-78   |   |   |
|  | 7/16  | RVT-61  |   |   |   |              | 1-5/16     | 291-F05-1C   |   |   |
|  | 1/2   | RVT-155   | RVT-88  | 291-F15-1P  | RVT-117   |              | 1-5/8      |  | 291-033   |   |
|  | 5/8   | RVT-62  | B-1677  | RVT-104   |   | 2            | RVT-80     |  |   |   |
|  | 3/4   | RVT-4   |   | RVT-105   | RVT-118   |              |            |  |   |   |
|  | 7/8   | RVT-63  | 291-183   |   | 291-178   |              |            |  |   |   |

— ADDITIONAL SIZES —

NOTE: Special Head, Diameters and Plating Finishes, listed on chart below.

PKG QTY. 100

| SPAENAU No. | Dia. x Lgth.    | Head Style | Head Dia. | Finish | SPAENAU No. | Dia. x Lgth.   | Head Style | Head Dia. | Finish |
|-------------|-----------------|------------|-----------|--------|-------------|----------------|------------|-----------|--------|
| 291-021     | 5/32" x 5/8"    | Round      | 9/32"     | Zinc   | 291-028     | 1/8" x 5/16"   | Pan        | 7/32"     | Plain  |
| 291-022     | 3/16" x 1-3/8"  | Round      | 11/32"    | Zinc   | 291-012     | 9/64" x 1-5/8" | Truss      | 9/32"     | Plain  |
| 291-024     | 3/16" x 2-1/2"  | Round      | 11/32"    | Zinc   | 291-013     | 3/16" x 1-5/8" | Truss      | 7/16"     | Zinc   |
| 291-025     | 1/4" x 2-15/16" | Round      | 7/16"     | Zinc   | RVT-132ZP   | 3/16" x 1-3/4" | Truss      | 7/16"     | Zinc   |
| 291-026     | 1/4" x 3"       | Round      | 7/16"     | Zinc   | 291-F13-1X  | 3/16" x 1-7/8" | Truss      | 7/16"     | Zinc   |
| 291-003     | 3/32" x 5/32"   | Flat       | 3/16"     | Zinc   | 291-015     | 3/16" x 2-5/8" | Truss      | 7/16"     | Zinc   |
| 291-004     | 1/8" x 7/32"    | Flat       | 1/4"      | Zinc   | 291-030     | 3/16" x 15/32" | 90° Ctsk.  | 11/32"    | Zinc   |
| 291-007     | 3/16" x 1/4"    | Flat       | 3/8"      | Zinc   | 291-017     | 5/32" x 47/64" | L-P Rd.▲   | 1/4"      | Plain  |
| 291-009     | 3/16" x 9/32"   | Flat       | 21/64"    | Zinc   | 291-018     | 3/16" x 3/4"   | L-P Rd.▲   | 5/16"     | Zinc   |
| 291-F01-1X  | 3/16" x 13/32"  | Flat       | 3/8"      | Zinc   | 291-019     | 3/16" x 1-5/8" | L-P Rd.▲   | 5/16"     | Zinc   |
| RVT-90ZP    | 5/16" x 1/2"    | Flat       | 5/8"      | Zinc   |             |                |            |           |        |

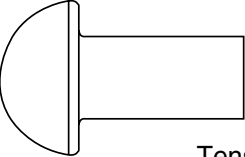
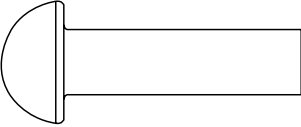
▲ Low Profile Round

Inch

Solid Rivets / Rivet Installation Tools

Pouce

Rivets solide/ Outils d'installation de rivets

| <div style="display: flex; justify-content: space-between;">  <div style="text-align: center;"> <h2 style="margin: 0;">BUTTON HEAD RIVETS</h2> <h3 style="margin: 0;">STEEL - PLAIN FINISH</h3> <p style="margin: 0;">Dimensions are to ASME/ANSI B18.1.2, 1972 (R 1983).<br/>Tensile strength: 52,000 to 62,000 P.S.I.      Annealed, for cold driving.</p> </div>  </div> |                 |              |          |         |                 |              |          |  |                 |              |          |
|---|-----------------|--------------|----------|---------|-----------------|--------------|----------|--|-----------------|--------------|----------|
| Dia.  | Length (Inches) | SPAENAUR No. | PKG QTY. | Dia.    | Length (Inches) | SPAENAUR No. | PKG QTY. | Dia.   | Length (Inches) | SPAENAUR No. | PKG QTY. |
| 1/2"  | 1-1/4           | 291-F20-1N   | 50       | 3/4"    | 1-3/4           | RVT-191      | 25       | 7/8"   | 3-1/2           | RVT-214      | 20       |
|   | 1-1/2           | RVT-176      | 50       |         | 2               | RVT-193      | 25       |  | 3-3/4           | RVT-215      | 20       |
|   | 1-3/4           | RVT-177A     | 50       |         | 2-3/8           | RVT-195      | 25       |  | 4               | RVT-216      | 20       |
|   | 2               | RVT-178      | 50       |         | 2-3/4           | RVT-198      | 25       |  | 4-1/4           | RVT-217      | 20       |
|   | 2-1/2           | RVT-179      | 50       |         | 3-1/4           | RVT-200      | 25       |  | 4-1/2           | RVT-218      | 20       |
| 5/8"  | 1-1/4           | RVT-180A     | 50       | 7/8"    | 4               | RVT-202      | 20       | 1"   | 2-1/2           | RVT-221      | 20       |
|   | 1-1/2           | RVT-181      | 50       |         | 4-1/2           | RVT-203      | 20       |  | 3               | RVT-223      | 20       |
|   | 1-3/4           | RVT-182      | 50       | cont'd. | 2               | RVT-205      | 25       |  | 3-1/2           | RVT-224      | 20       |
|   | 1-7/8           | RVT-183      | 50       |         | 2-1/2           | RVT-208      | 25       |  | 4               | RVT-225      | 10       |
|   | 2               | RVT-184      | 50       |         | 2-3/4           | RVT-210      | 25       |  |                 |              |          |
|   | 2-1/8           | RVT-185      | 50       |         | 2-7/8           | RVT-211      | 25       |  |                 |              |          |
|   | 2-1/4           | RVT-186      | 50       | 3       | RVT-212         | 20           | 4-1/2    | RVT-226  | 10              |              |          |
|   | 3-1/2           | RVT-189      | 25       | 3-1/4   | RVT-213         | 20           |          |  |                 |              |          |
| 4   | RVT-190A        | 25           |          |         |                 |              |          |  |                 |              |          |
| <b>UNANNEALED</b>   |                 |              |          | 3/4"    | 2-1/4           | 291-F08-1K   | 25       | "HOW TO MEASURE RIVET LENGTHS"<br>See page E4. |                 |              |          |
| 1/2"  | 1               | 291-F18-1N   | 50       |         | 2-1/2           | 291-F11-1W   | 25       |  |                 |              |          |
| 5/8"  | 2-1/2           | 291-F12-1M   | 50       |         | 3               | 291-F16-1Y   | 25       |  |                 |              |          |
|   | 3               | 291-F23-1W   | 25       |         | 3-1/2           | 291-F02-1A   | 25       |  |                 |              |          |
| 3/4"  | 1-7/8           | 291-F10-1K   | 25       | 3-1/2   | 291-F04-2Y      | 20           |          |  |                 |              |          |

**Straight Type for Solid Rivets**

Tool Grade Steel  
Heat Treated

| Rivet Dia.           | Length "L" | SPAENAUR No. | PKG QTY. |
|----------------------|------------|--------------|----------|
| <b>Round Cupping</b> |            |              |          |
| 1/8"                 | 3-1/2"     | 876-1762     | 1        |
| 3/16"                | 3-1/2"     | 876-1763     | 1        |
| 1/4"                 | 3-1/2"     | 876-1764     | 1        |
| <b>Flat Cupping</b>  |            |              |          |
| 1/8"                 | 3-1/2"     | 876-1767     | 1        |
| 3/16"                | 3-1/2"     | 876-1768     | 1        |
| 1/4"                 | 3-1/2"     | 876-1769     | 1        |

**Straight Type for Flaring Tubular Rivets**

|       |        |          |   |
|-------|--------|----------|---|
| 1/8"  | 3-1/2" | 876-1779 | 1 |
| 3/16" | 3-1/2" | 876-1780 | 1 |
| 1/4"  | 3-1/2" | 876-1781 | 1 |

**Straight Bell Type for Solid Rivets**

|                      |        |           |   |
|----------------------|--------|-----------|---|
| <b>Round Cupping</b> |        |           |   |
| 5/16"                | 3-1/2" | 876-1765  | 1 |
| 3/8"                 | 3-1/2" | 876-1766  | 1 |
| 3/8"                 | 3-1/2" | *876-1866 | 1 |
| <b>Flat Cupping</b>  |        |           |   |
| 5/16"                | 3-1/2" | 876-1770  | 1 |

**Rivet Sets for Pneumatic Riveting Hammers**

with .401" Dia. Shank

(\*with .498" Dia. Shank)

Select desired Rivet Set by rivet diameter and desired Cupping Style.



Also available for Brazier, Button and Universal style.



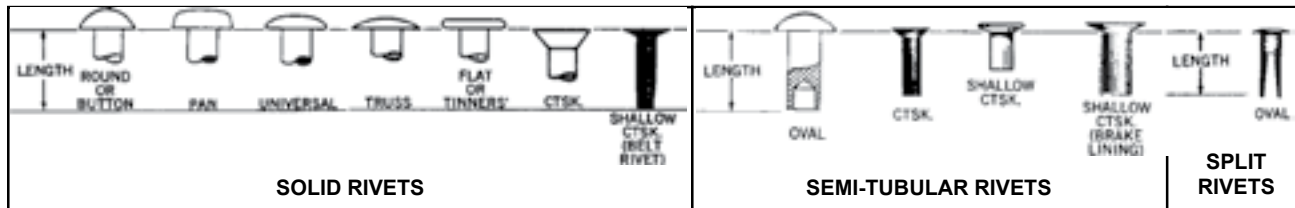
**Solid Rivets**

Inch

Rivets solide

Pouce

**HOW TO MEASURE RIVET LENGTHS**



Aluminum Alloy No.  
1100-F (2-S)

**SOLID ALUMINUM RIVETS**

PKG QTY. 100

E

| Order Rivet Size by SPAENAUR No. |          |                       |            |          |          |          |           |  |
|----------------------------------|----------|-----------------------|------------|----------|----------|----------|-----------|--|
| DIA.                             | Length   | ROUND                 | UNIVERSAL  | TRUSS    | PAN      | FLAT     | 90° CTSK. |  |
| 1/16"                            | 3/8"     | RVT-3016              |            | 286-016  |          | 286-027  |           |  |
| 3/32"                            | 1/4"     | 286-013               |            |          |          | 286-102  | RVT-3019  |  |
|                                  | 1/2"     | 286-014               |            |          | RVT-3018 | 286-028  | 286-040   |  |
| 1/8"                             | 3/16"    |                       |            | 286-017  | RVT-3013 |          | 286-002   |  |
|                                  | 1/4"     | 286-003               |            |          |          | 286-011  | 286-099   |  |
|                                  | 5/16"    |                       |            | 286-018  |          |          | 286-041   |  |
|                                  | 3/8"     | B-800                 |            |          |          | 286-012  | RVT-3032  |  |
| 1/2"                             | 1/2"     | B-1197                | RVT-3012   |          | RVT-3017 |          | RVT-3021  |  |
|                                  | 3/4"     | RVT-3020              |            |          |          | 286-029  | 286-042   |  |
|                                  | 1"       | B-801                 |            | 286-020  |          | 286-030  | 286-043   |  |
| 5/32"                            | 1/4"     |                       | 286-007    | 286-021  |          | 286-046  |           |  |
|                                  | 5/16"    |                       | B-131      | 286-022  |          |          |           |  |
|                                  | 3/8"     | 286-W07-1X            |            |          |          | 286-031  |           |  |
|                                  | 7/16"    | RVT-3001              |            |          |          |          | 286-009   |  |
|                                  | 1/2"     |                       |            |          |          |          |           |  |
| 3/16"                            | 9/16"    | B-1727                |            |          |          |          |           |  |
|                                  | 3/4"     |                       | 286-W05-1W | 286-023  |          | 286-032  |           |  |
|                                  | 5/16"    | B-730                 |            | B-132    | RVT-3010 |          |           |  |
|                                  | 3/8"     | RVT-3005              | B-1682     | 286-024  | RVT-3002 | 286-004  | 286-044   |  |
|                                  | 7/16"    | RVT-3006              | B-1700     |          |          |          |           |  |
|                                  | 1/2"     | B-731                 | B-133      | 286-008  | RVT-3014 | RVT-3022 | RVT-3025  |  |
|                                  | 5/8"     | RVT-3007              | B-1118     |          |          |          | RVT-3027  |  |
|                                  | 3/4"     | B-732                 |            |          | B-194    | 286-033  | RVT-3024  |  |
| 7/8"                             | RVT-3008 |                       | B-1119     |          |          |          |           |  |
| 1"                               | RVT-3009 |                       |            |          | 286-034  | RVT-3030 |           |  |
| 1/4"                             | 1-3/8"   |                       |            | RVT-3026 |          |          |           |  |
|                                  | 1-1/2"   | 286-015               | RVT-3015   |          |          | 286-035  | 286-045   |  |
|                                  | 3/8"     |                       | B-1574     |          |          |          |           |  |
|                                  | 1/2"     | B-1142                |            |          |          | RVT-3023 | RVT-3031  |  |
| 5/16"                            | 3/4"     | B-1143                |            | B-802    |          | 286-005  |           |  |
|                                  | 1"       | B-1144                |            |          |          | 286-006  |           |  |
|                                  | 1-1/2"   | B-1665                |            |          |          |          |           |  |
|                                  | 1"       | B-1666                |            |          |          |          |           |  |
| 3/8"                             | 1-5/8"   | 286-010               |            |          |          |          |           |  |
|                                  | 1"       | 286-101               |            |          |          |          |           |  |
| 1/16"                            | 3/8"     | RVT-3029              |            |          |          |          |           |  |
| 1/16"                            | 3/8"     | 286-W03-1T (78° CTSK) |            |          |          |          |           |  |

Solid Type Aluminum Collar Rivet  
SPAENAUR No. 286-100  
PKG QTY. 100




CATALOG 14  
SPAENAUR

Inch

Solid Rivets




Pouce

Rivets solide




| 18-8 STAINLESS STEEL<br>Solid Rivets |        |   |   |   |
|--------------------------------------|--------|---|---|---|
| RIVET SIZE                           |        |  |  |  |
| DIA.                                 | Lgth.  | ROUND   | FLAT  | 90° CTSK.   |
| 1/8"                                 | 3/16"  | RVT-2005  |   |   |
|                                      | 1/4"   | RVT-2007  | RVT-2006  |   |
|                                      | 3/8"   | RVT-2001  | RVT-2008  | RVT-2003  |
|                                      | 1/2"   | *RVT-2002   | RVT-2009  | RVT-2010  |
|                                      | 5/8"   | RVT-2012  | RVT-2011  | RVT-2013  |
|                                      | 3/4"   | RVT-2015  | RVT-2014  | RVT-2016  |
|                                      | 1"     | RVT-2018  | RVT-2017  | RVT-2019  |
| 5/32"                                | 1/4"   |   | RVT-2082  |   |
|                                      | 1/2"   |   | RVT-2081  |   |
| 3/16"                                | 1/4"   | RVT-2021  | ▲294-021  |   |
|                                      | 17/64" |   |   |   |
|                                      | 3/8"   | RVT-2023  | RVT-2022  | RVT-2024  |
|                                      | 1/2"   | RVT-2026  | RVT-2025  | RVT-2027  |
|                                      | 5/8"   | RVT-2029  | RVT-2028  | RVT-2030  |
|                                      | 3/4"   | RVT-2032  | RVT-2031  | RVT-2033  |
|                                      | 1"     | 294-W01-1P  | RVT-2034  | RVT-2036  |
|                                      | 1-1/4" | RVT-2038  | RVT-2037  | RVT-2039  |
|                                      | 1-3/8" | ▲294-020  |   |   |
|                                      | 1-1/2" | RVT-2041  | RVT-2040  |   |
|                                      | 1-3/4" | 294-001   |   |   |
|                                      | 2"     | RVT-2004  |   |   |
| 1/4"                                 | 3/8"   | RVT-2043  | RVT-2042  |   |
|                                      | 1/2"   | RVT-2044  | RVT-2000  | RVT-2045  |
|                                      | 5/8"   | RVT-2047  | RVT-2046  | RVT-2048  |
|                                      | 3/4"   | RVT-2050  | RVT-2049  | RVT-2051  |
|                                      | 1"     | RVT-2053  | RVT-2052  | RVT-2054  |
|                                      | 1-1/4" | RVT-2055  |   | RVT-2056  |
|                                      | 1-1/2" | RVT-2057  |   |   |
|                                      | 2"     | RVT-2058  |   |   |
| 5/16"                                | 5/8"   | RVT-2060  | RVT-2059  |   |
|                                      | 3/4"   | RVT-2062  | RVT-2061  |   |
|                                      | 1"     | RVT-2064  | RVT-2063  |   |
|                                      | 1-1/4" | RVT-2065  |   |   |
|                                      | 1-1/2" | RVT-2067  | RVT-2066  |   |
|                                      | 2"     | RVT-2068  |   |   |
| 3/8"                                 | 5/8"   | RVT-2069  |   |   |
|                                      | 3/4"   | RVT-2070  |   |   |
|                                      | 1"     | RVT-2071  |   |   |
|                                      | 1-1/4" | RVT-2072  |   |   |
|                                      | 1-1/2" | RVT-2073  |   |   |
|                                      | 2"     | RVT-2075  |   |   |

▲ 430 Stainless Steel  
\* 294-200 316 Stainless Steel

All items on this page  
PKG QTY. 100

| BRASS<br>Solid Rivets |        |   |   |   |
|-----------------------|--------|---|---|---|
| RIVET SIZE            |        |  |  |  |
| DIA.                  | LGTH.  | ROUND   | 90° CTSK.   | FLAT  |
| 1/8"                  | 1/4"   | RVT-558   |   |   |
|                       | 3/8"   | RVT-559   |   |   |
|                       | 1/2"   | RVT-560   |   |   |
| 5/32"                 | 17/32" |   | 288-007   |   |
| 3/16"                 | 5/16"  |   |   | 288-005   |
|                       | 3/8"   | RVT-577   |   |   |
|                       | 1/2"   | RVT-561   |   |   |
|                       | 5/8"   | RVT-562   | RVT-563   |   |
|                       | 3/4"   | RVT-564   | RVT-565   |   |
|                       | 1"     | RVT-555   |   |   |
| 1/4"                  | 1/2"   | RVT-566   |   |   |
|                       | 3/4"   | RVT-567   | RVT-554   |   |
|                       | 1"     | RVT-568   |   |   |
|                       | 1-1/4" | 288-002   |   |   |
|                       | 1-3/4" | RVT-569   | RVT-570   |   |

| COPPER<br>Solid Rivets |        |   |   |   |
|------------------------|--------|---|---|---|
| RIVET SIZE             |        |  |  |  |
| DIA.                   | LGTH.  | ROUND   | 90° CTSK.   | FLAT  |
| .087"                  | 5/16"  |   | RVT-4000  |   |
| 3/32"                  | 5/16"  | 290-017   |   |   |
| 1/8"                   | 3/8"   | RVT-4040  |   |   |
|                        | 1/2"   | 290-G02-1K  | RVT-4055  | ■290-016  |
|                        | 5/8"   | 290-010   |   |   |
|                        | 3/4"   | 290-G03-1W  | RVT-4038  |   |
|                        | 1"     | RVT-4018  | RVT-4051  |   |
| 3/16"                  | 3/8"   | RVT-4032  | RVT-4053  |   |
|                        | 1/2"   | RVT-4019  | RVT-4020  |   |
|                        | 5/8"   | RVT-4039  | RVT-4036  |   |
|                        | 3/4"   | RVT-4044  |   |   |
|                        | 7/8"   |   | RVT-4037  |   |
|                        | 1"     | RVT-4016  | RVT-4017  |   |
|                        | 1-1/4" |   | 290-001   |   |
|                        | 1-1/2" | RVT-4035  | RVT-4034  |   |
| 1/4"                   | 1/2"   | RVT-4050  |   |   |
|                        | 3/4"   | RVT-4045  | RVT-4046  |   |
|                        | 1"     | RVT-4043  | RVT-4052  |   |
|                        | 1-1/2" |   | RVT-4022  |   |
|                        | 2"     |   | RVT-4049  |   |
| 5/16"                  | 1-1/4" |   | RVT-4048  |   |
|                        | 2"     |   | 290-G01-1T  |   |

■ 7/32" Head Dia.

For Copper TUBULAR Rivets see page E16.

**Solid Rivets - Tinnings'**

Inch

**Rivets solide - Tinnings'**

Pouce

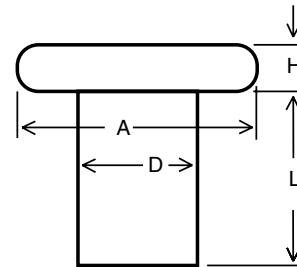
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**TINNERS' RIVETS**

**FLAT HEAD - SOLID**

PKG QTY. 100

Dimensions shown are subject to normal commercial tolerances



E

**STEEL  
TINNED  
FINISH**

| SPAENAUR No. | D Dia. | L Length | A Head Dia. | H Head Thickness | *Size Number (Metric Equiv.) |
|--------------|--------|----------|-------------|------------------|------------------------------|
| RVT-136      | .088"  | 5/32"    | .225"-.205" | .036"-.024"      | 8 oz. (.23 kg)               |
| 291-F19-1T   | .104"  | 3/16"    | .265"-.245" | .037"-.025"      | 12 oz. (.34 kg)              |
| RVT-138ZP    | .110"  | 13/64"   | .285"-.265" | .040"-.028"      | 1 lb (.45 kg)                |
| RVT-139      | .119"  | 7/32"    | .295"-.275" | .045"-.033"      | 1-1/4 lb. (.57 kg)           |
| 291-F17-1C   | .143"  | 17/64"   | .341"-.319" | .050"-.036"      | 2 lb. (.90 kg)               |
| RVT-142      | .147"  | 9/32"    | .311"-.289" | .069"-.055"      | 2-1/2 lb. (1.13 kg)          |
| 291-F09-1W   | .159"  | 5/16"    | .329"-.303" | .073"-.059"      | 3lb (1.36 kg)                |
| RVT-144      | .175"  | 11/32"   | .368"-.342" | .076"-.062"      | 4 lb. (1.81 kg)              |
| 291-F26-1A   | .185"  | 3/8"     | .388"-.362" | .084"-.070"      | 5 lb. (2.27 kg)              |
| •RVT-146     | .202"  | 25/64"   | .419"-.393" | .090"-.076"      | 6 lb. (2.72 kg)              |
| RVT-147      | .223"  | 7/16"    | .475"-.445" | .101"-.085"      | 8 lb. (3.63 kg)              |

•Zinc Plated

**18-8  
STAINLESS  
STEEL**

| SPAENAUR No. | D Dia. | L Length | A Head Dia. | H Head Thickness | *Size Number (Metric Equiv.) |
|--------------|--------|----------|-------------|------------------|------------------------------|
| RVT-2100     | .089"  | 5/32"    | .225"-.205" | .036"-.024"      | 8 oz. (.23 kg)               |
| RVT-2103     | .111"  | 13/64"   | .285"-.265" | .040"-.028"      | 1 lb. (.45 kg)               |
| RVT-2104     | .120"  | 7/32"    | .295"-.275" | .045"-.033"      | 1-1/4 lb. (.57 kg)           |
| RVT-2105     | .130"  | 15/64"   | .316"-.294" | .046"-.034"      | 1-1/2 lb. (.68 kg)           |
| RVT-2106     | .144"  | 17/64"   | .341"-.319" | .050"-.036"      | 2 lb. (.90 kg)               |
| RVT-2107     | .148"  | 9/32"    | .311"-.289" | .069"-.055"      | 2-1/2 lb. (1.13 kg)          |
| RVT-2108     | .160"  | 5/16"    | .329"-.303" | .073"-.059"      | 3 lb. (1.36 kg)              |
| RVT-2110     | .186"  | 3/8"     | .388"-.362" | .084"-.070"      | 5 lb. (2.27 kg)              |
| RVT-2111     | .203"  | 25/64"   | .419"-.393" | .090"-.076"      | 6 lb. (2.72 kg)              |
| RVT-2112     | .224"  | 7/16"    | .475"-.445" | .101"-.085"      | 8 lb. (3.63 kg)              |
| RVT-2113     | .238"  | 15/32"   | .505"-.475" | .104"-.088"      | 10 lb. (4.54 kg)             |
| RVT-2114     | .259"  | 1/2"     | .532"-.498" | .108"-.090"      | 12 lb. (5.44 kg)             |

**COPPER**

| SPAENAUR No. | D Dia. | L Length | A Head Dia. | H Head Thickness | *Size Number (Metric Equiv.) |
|--------------|--------|----------|-------------|------------------|------------------------------|
| RVT-4023     | .110"  | 13/64"   | .285"-.265" | .040"-.028"      | 1 lb. (.45 kg)               |
| RVT-4024     | .119"  | 7/32"    | .295"-.275" | .045"-.033"      | 1-1/4 lb. (.57 kg)           |
| RVT-4025     | .129"  | 15/64"   | .316"-.294" | .046"-.034"      | 1-1/2 lb. (.68 kg)           |
| RVT-4026     | .143"  | 17/64"   | .341"-.319" | .050"-.036"      | 2 lb. (.90 kg)               |
| RVT-4027     | .147"  | 9/32"    | .311"-.289" | .069"-.055"      | 2-1/2 lb. (1.13 kg)          |
| RVT-4028     | .159"  | 5/16"    | .329"-.303" | .073"-.059"      | 3 lb. (1.36 kg)              |
| RVT-4030     | .185"  | 3/8"     | .388"-.362" | .084"-.070"      | 5 lb. (2.27 kg)              |
| RVT-4031     | .202"  | 25/64"   | .419"-.393" | .090"-.076"      | 6 lb. (2.72 kg)              |

\* Size numbers refer to approximate weight of 1000 rivets.

CATALOG 14

SPAENAUR

Inch

**Shoulder Rivets / Belt Rivets / Copper Burrs**

Pouce

**Rivets à épaulement / Rivets pour courroie / Fraises pour cuivre**



## STEEL SHOULDER RIVETS

### Solid Type



| SPAENAUR No.      | B Diameter of Small Shoulder | A Length of Small Shoulder | D Diameter of Large Shoulder | C Length of Large Shoulder | H Diameter of Head | L Length Over-All | Head Style | Finish | PKG QTY. |
|-------------------|------------------------------|----------------------------|------------------------------|----------------------------|--------------------|-------------------|------------|--------|----------|
| <b>293-602</b>    | 5/64"                        | 5/64"                      | 3/32"                        | 3/32"                      | 9/64"              | 13/64"            | Flat       | Plain  | 100      |
| <b>293-603</b>    | 1/8"                         | 5/32"                      | 11/64"                       | 9/64"                      | 9/32"              | 3/8"              | Flat       | Plain  | 100      |
| <b>293-D06-1Y</b> | 1/8"                         | 3/16"                      | 5/32"                        | 1/16"                      | 5/16"              | 1/4"              | Truss      | Plain  | 100      |
| <b>293-D01-1W</b> | 3/16"                        | 5/32"                      | 1/4"                         | 5/32"                      | 3/8"               | 13/32"            | Flat       | Plain  | 50       |
| <b>293-D04-1A</b> | 3/16"                        | 7/32"                      | 1/4"                         | 3/16"                      | 1/2"               | 1/2"              | Flat       | Plain  | 50       |
| <b>B-949</b>      | 7/32"                        | 1/8"                       | 5/16"                        | 5/32"                      | 1/2"               | 3/8"              | Flat       | Plain  | 50       |
| <b>B-916</b>      | 1/4"                         | 5/32"                      | 5/16"                        | 3/8"                       | 1/2"               | 19/32"            | Flat       | Plain  | 50       |
| <b>B-1129</b>     | 9/32"                        | 7/32"                      | 3/8"                         | 3/16"                      | 5/8"               | 17/32"            | Flat       | Plain  | 50       |

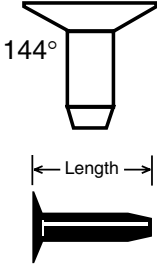


## STEEL SHOULDER RIVETS - Tubular Type



| SPAENAUR No.      | B Diameter of Small Shoulder | A Length of Small Shoulder | D Diameter of Large Shoulder | C Length of Large Shoulder | H Diameter of Head | L Length Over-All | Head Style | Finish | PKG QTY. |
|-------------------|------------------------------|----------------------------|------------------------------|----------------------------|--------------------|-------------------|------------|--------|----------|
| <b>293-610</b>    | 5/64"                        | 13/64"                     | 1/8"                         | 3/32"                      | 1/4"               | 11/32"            | Flat       | Zinc   | 100      |
| <b>293-D03-1X</b> | 1/8"                         | 3/16"                      | 3/16"                        | 3/32"                      | 9/32"              | 11/32"            | Flat       | Zinc   | 100      |
| <b>293-606</b>    | 1/8"                         | 9/64"                      | 3/16"                        | 5/64"                      | 5/16"              | 9/32"             | Truss      | Plain  | 100      |
| <b>293-D02-1M</b> | 11/64"                       | 5/32"                      | 15/64"                       | 5/32"                      | 7/16"              | 3/8"              | Flat       | Brass  | 100      |
| <b>293-609</b>    | 23/64"                       | 13/64"                     | 27/64"                       | 7/64"                      | 25/32"             | 27/64"            | Flat       | Zinc   | 100      |

## COPPER BELT RIVETS



**PKG QTY. 100**  
*(Rivets Only)*


### SHALLOW COUNTERSUNK FLAT HEAD - SOLID TYPE

Rivet Number refers to the Stubs iron wire gauge number of the stock used in the shank of the rivet

| Rivet Number      | 10                  | 8                       |
|-------------------|---------------------|-------------------------|
| <b>Shank Dia.</b> | 0.136"-0.130"       | 0.167"-0.161"           |
| <b>Head Dia.</b>  | 0.417"-0.395"       | 0.481"-0.455"           |
| <b>Length</b>     | <b>SPAENAUR No.</b> |                         |
| 3/8"              | <b>RVT-4006</b>     | <b>RVT-4011</b>         |
| 1/2"              | <b>RVT-4007</b>     | <b>RVT-4012</b>         |
| 5/8"              | <b>RVT-4008</b>     | <b>RVT-4013</b>         |
| 11/16"            |                     | <b>290-002</b>          |
| 3/4"              | <b>RVT-4009</b>     | <b>RVT-4014</b>         |
| 1"                | <b>RVT-4010</b>     | <b>RVT-4015</b>         |
| 1-1/16"           | <b>290-003</b>      |                         |
| 1-1/4"            |                     | <b>290-057</b>          |
| 1-3/8"            | <b>290-004</b>      |                         |
| 1-1/2"            | <b>290-005</b>      | <b>RVT-4047</b>         |
| 1-5/8"            | <b>290-006</b>      |                         |
| 2-1/8"            | <b>290-008</b>      |                         |
| 2-1/4"            | <b>290-009</b>      |                         |
|                   | Use Burr No. W-4001 | Use Burr No. 651-A01-1Y |

## COPPER BURRS

For use with Copper Belt Rivets



| SPAENAUR No.      | Rivet Size | PKG QTY. |
|-------------------|------------|----------|
| <b>W-4001</b>     | #10        | 500      |
| <b>651-A01-1Y</b> | #8         | 250      |

See page D9 for more information on BURRS & WASHERS.

CATALOG 14 SPAENAUR

**Semi-Tubular Rivets**

Inch

**Rivets semi-tubulaires**

Pouce

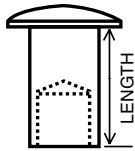
**STEEL**

NICKEL OR ZINC PLATED  
AT OUR OPTION

**SHALLOW TUBULAR - OVAL**

PKG QTY. 100

To permanently fasten assemblies of metal, wood, plastic, ceramic, leather or composition materials with pre-punched or pre-drilled holes. Combines the high shear and compression strength of solid rivets with quick, easy clinching.

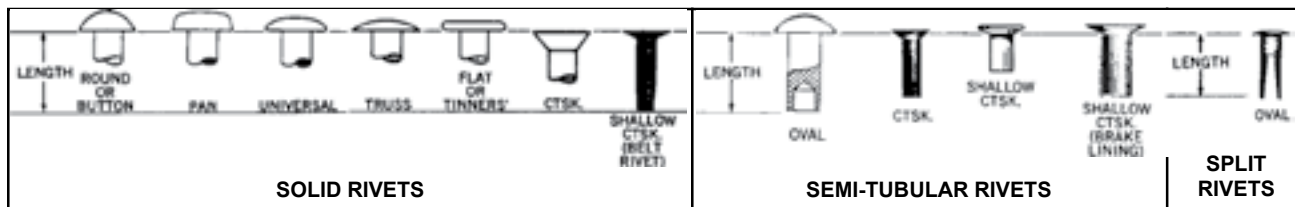


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|                      |  |                 |            |         |         |        |         |            |
|----------------------|--|-----------------|------------|---------|---------|--------|---------|------------|
|                      |  |                 |            |         |         |        |         |            |
| <b>BODY DIAMETER</b> | 1/16"                                  | 3/32"           | 1/8"       | 9/64"   |         | 3/16"  |         | 1/4"       |
| <b>HEAD DIAMETER</b> | 7/64"                                  | 3/16"<br>*5/32" | 7/32"      | 15/64"  | 3/8"    | 5/16"  | 3/8"    | 7/16" 1/2" |
| <b>LENGTH</b>        | ORDER BY SPAENAUR NUMBERS LISTED BELOW |                 |            |         |         |        |         |            |
| 3/32"                | RVT-22                                 |                 | RVT-36     |         |         |        |         |            |
| 1/8"                 | RVT-23                                 | RVT-27          | RVT-16     |         |         |        |         |            |
| 5/32"                | RVT-24                                 | RVT-28          | B-1680     |         |         |        |         |            |
| 3/16"                | RVT-25                                 | 292-K13-1C      | RVT-15     | B-1644  |         | RVT-47 |         |            |
| 7/32"                |  | *RVT-30         | RVT-37     |         |         | RVT-9  |         |            |
| 1/4"                 |  | RVT-31          | RVT-38     | B-1644A | RVT-130 |        | RVT-13  |            |
| 9/32"                |  |                 | RVT-39     |         |         |        |         |            |
| 5/16"                |  | *RVT-33         | RVT-40     |         |         | RVT-48 | RVT-167 |            |
| 11/32"               |  | *RVT-34         | RVT-41     |         |         | 2450   |         |            |
| 3/8"                 |  | *RVT-35         | 292-K15-1T | RVT-45  | RVT-131 |        | RVT-14  | RVT-123    |
| 7/16"                |  |                 | RVT-43     |         |         |        | RVT-168 | RVT-124    |
| 1/2"                 |  |                 | RVT-44     | RVT-46  | RVT-129 | 1462   | RVT-165 | RVT-125    |
| 9/16"                |  |                 | 292-496    |         |         |        | RVT-235 | 292-006    |
| 5/8"                 |  |                 | RVT-154    |         |         |        | RVT-236 | 292-013    |
| 11/16"               |  |                 |            |         |         |        | 292-027 | 292-004    |
| 3/4"                 |  |                 | 292-015    |         |         |        | RVT-157 | RVT-126    |
| 13/16"               |  |                 |            |         |         |        | RVT-158 | RVT-244    |
| 7/8"                 |  |                 |            |         |         |        | RVT-159 | RVT-245    |
| 15/16"               |  |                 |            |         |         |        | RVT-227 | RVT-246    |
| 1"                   |  |                 |            |         |         |        | RVT-152 |            |
| 1-1/16"              |  |                 |            |         |         |        |         | 292-005    |
| 1-1/8"               |  |                 |            |         |         |        |         | 292-026    |
| 1-3/16"              |  |                 |            |         |         |        | RVT-160 | RVT-247    |
| 1-1/4"               |  |                 |            |         |         |        | RVT-161 | RVT-248    |
| 1-5/16"              |  |                 |            |         |         |        | RVT-162 |            |
| 1-3/8"               |  |                 |            |         |         |        | RVT-237 | RVT-250    |
| 1-7/16"              |  |                 |            |         |         |        | RVT-163 | RVT-251    |
| 1-1/2"               |  |                 |            |         |         |        |         | RVT-252    |
| 1-9/16"              |  |                 |            |         |         |        | RVT-164 | RVT-253    |
| 1-5/8"               |  |                 |            |         |         |        |         |            |
| 1-3/4"               |  |                 |            |         |         |        |         | 292-010    |
| 1-13/16"             |  |                 |            |         |         |        |         | 292-002    |
| 2"                   |  |                 |            |         |         |        |         | 292-018    |
| 2-1/4"               |  |                 |            |         |         |        | 292-009 | 292-019    |

More sizes of Steel Tubular Rivets on following pages.

**HOW TO MEASURE RIVET LENGTHS**



CATALOG 14

SPAENAUR

Inch

**Semi-Tubular Rivets**

Pouce

**Rivets semi-tubulaires**

| <b>ADDITIONAL SIZES</b> NOTE: <i>Special Head, Diameters and Plating Finishes, listed on chart below.</i> |                     |                   |                  |               |                     |                     |                   |                  |               | <b>PKG QTY. 100</b> |
|---|---------------------|-------------------|------------------|---------------|---------------------|---------------------|-------------------|------------------|---------------|---------------------|
| <b>SPAENAUR No.</b>   | <b>Dia. x Lgth.</b> | <b>Head Style</b> | <b>Head Dia.</b> | <b>Finish</b> | <b>SPAENAUR No.</b> | <b>Dia. x Lgth.</b> | <b>Head Style</b> | <b>Head Dia.</b> | <b>Finish</b> |                     |
| <b>292-043</b>  | 5/64" x 1/8"        | Oval              | 9/64"            | Zinc          | <b>292-099</b>      | 1/8" x 3/16"        | Oval              | 7/32"            | ZD-CY         |                     |
| <b>292-044</b>  | 5/64" x 5/32"       | Oval              | 9/64"            | Zinc          | <b>292-101</b>      | 1/8" x 1/4"         | Oval              | 7/32"            | Ant. Cu.      |                     |
| <b>292-047</b>  | 5/64" x 3/16"       | Oval              | 9/64"            | Nickel        | <b>292-102</b>      | 1/8" x 1/4"         | Oval              | 7/32"            | Zinc          |                     |
| <b>292-050</b>  | 5/64" x 7/32"       | Oval              | 9/64"            | Zinc          | <b>292-104</b>      | 1/8" x 17/64"       | Oval              | 7/32"            | Nickel        |                     |
| <b>292-053</b>  | 5/64" x 1/4"        | Oval              | 9/64"            | Brass         | <b>292-105</b>      | 1/8" x 9/32"        | Oval              | 7/32"            | Zinc          |                     |
| <b>292-055</b>  | 5/64" x 9/32"       | Oval              | 9/64"            | Nickel        | <b>292-106</b>      | 1/8" x 5/16"        | Oval              | 7/32"            | Brass         |                     |
| <b>292-057</b>  | 5/64" x 13/32"      | Oval              | 9/64"            | Nickel        | <b>292-108</b>      | 1/8" x 11/32"       | Oval              | 7/32"            | Zinc          |                     |
| <b>292-060</b>  | 5/64" x 1/2"        | Oval              | 9/64"            | Nickel        | <b>292-109</b>      | 1/8" x 3/8"         | Oval              | 7/32"            | Zinc          |                     |
| <b>292-062</b>  | 5/64" x 21/32"      | Oval              | 9/64"            | Zinc          | <b>292-K17-1W</b>   | 1/8" x 3/8"         | Oval              | 7/32"            | Brass         |                     |
| <b>292-064</b>  | 5/64" x 3/32"       | Oval              | 5/32"            | Nickel        | <b>292-113</b>      | 1/8" x 15/32"       | Oval              | 7/32"            | Nickel        |                     |
| <b>292-065</b>  | 5/64" x 7/16"       | Oval              | 5/32"            | Zinc          | <b>292-114</b>      | 1/8" x 15/32"       | Oval              | 7/32"            | Zinc          |                     |
| <b>292-067</b>  | 5/64" x 9/32"       | Oval              | 3/16"            | Nickel        | <b>292-115</b>      | 1/8" x 17/32"       | Oval              | 7/32"            | Zinc          |                     |
| <b>292-068</b>  | 5/64" x 5/16"       | Oval              | 3/16"            | Nickel        | <b>292-116</b>      | 1/8" x 9/16"        | Oval              | 7/32"            | Blk. Ox.      |                     |
| <b>292-070</b>  | 3/32" x 1-3/8"      | Oval              | 9/64"            | Nickel        | <b>292-118</b>      | 1/8" x 5/8"         | Oval              | 7/32"            | Zinc          |                     |
| <b>292-072</b>  | 3/32" x 3/8"        | Oval              | 5/32"            | Zinc          | <b>292-120</b>      | 1/8" x 11/16"       | Oval              | 7/32"            | Nickel        |                     |
| <b>292-073</b>  | 3/32" x 3/32"       | Oval              | 3/16"            | Zinc          | <b>292-121</b>      | 1/8" x 11/16"       | Oval              | 7/32"            | Blk. Ox.      |                     |
| <b>292-074</b>  | 3/32" x 1/8"        | Oval              | 3/16"            | Zinc          | <b>292-015</b>      | 1/8" x 3/4"         | Oval              | 7/32"            | Nickel        |                     |
| <b>292-075</b>  | 3/32" x 3/16"       | Oval              | 3/16"            | Nickel        | <b>292-123</b>      | 1/8" x 3/4"         | Oval              | 7/32"            | Zinc          |                     |
| <b>292-076</b>  | 3/32" x 3/16"       | Oval              | 3/16"            | Zinc          | <b>292-K09-1P</b>   | 1/8" x 13/16"       | Oval              | 7/32"            | Zinc          |                     |
| <b>292-079</b>  | 3/32" x 1/4"        | Oval              | 3/16"            | Nickel        | <b>292-125</b>      | 1/8" x 27/32"       | Oval              | 7/32"            | Nickel        |                     |
| <b>292-081</b>  | 3/32" x 9/32"       | Oval              | 3/16"            | Brass         | <b>292-126</b>      | 1/8" x 7/8"         | Oval              | 7/32"            | Zinc          |                     |
| <b>292-086</b>  | 3/32" x 1/2"        | Oval              | 3/16"            | Nickel        | <b>292-128</b>      | 1/8" x 1"           | Oval              | 7/32"            | Zinc          |                     |
| <b>292-087</b>  | 3/32" x 1/2"        | Oval              | 3/16"            | Zinc          | <b>292-129</b>      | 1/8" x 1-1/32"      | Oval              | 7/32"            | Nickel        |                     |
| <b>292-089</b>  | 1/8" x 1-1/8"       | Oval              | 13/64"           | Nickel        | <b>292-130</b>      | 1/8" x 1-1/8"       | Oval              | 7/32"            | Zinc          |                     |
| <b>292-090</b>  | 1/8" x 1/8"         | Oval              | 7/32"            | Zinc          | <b>292-131</b>      | 1/8" x 1-3/16"      | Oval              | 7/32"            | Nickel        |                     |
| <b>292-091</b>  | 1/8" x 1/8"         | Oval              | 7/32"            | ZD-CY         | <b>292-134</b>      | 1/8" x 1-21/64"     | Oval              | 7/32"            | Nickel        |                     |
| <b>292-092</b>  | 1/8" x 1/8"         | Oval              | 7/32"            | Br.Jp.H.      | <b>292-135</b>      | 1/8" x 1-23/64"     | Oval              | 7/32"            | Nickel        |                     |
| <b>292-094</b>  | 1/8" x 5/32"        | Oval              | 7/32"            | Zinc          | <b>292-136</b>      | 1/8" x 1-13/32"     | Oval              | 7/32"            | Zinc          |                     |
| <b>292-095</b>  | 1/8" x 5/32"        | Oval              | 7/32"            | Brass         | <b>292-138</b>      | 1/8" x 1-7/16"      | Oval              | 7/32"            | Zinc          |                     |
| <b>292-096</b>  | 1/8" X 5/32"        | Oval              | 7/32"            | Blk. Ox.      | <b>292-139</b>      | 1/8" x 1-25/32"     | Oval              | 7/32"            | Nickel        |                     |
| <b>292-097</b>  | 1/8" x 9/64"        | Oval              | 7/32"            | Nickel        | <b>292-K07-1X</b>   | 1/8" x 5/32"        | Oval              | 9/32"            | Nickel        |                     |
| <b>292-098</b>  | 1/8" x 3/16"        | Oval              | 7/32"            | Zinc          | <b>292-142</b>      | 1/8" x 3/16"        | Oval              | 9/32"            | Zinc          |                     |

**Steel Tubular Rivet Finish - Legend**

Continued on next page

|                                      |                                     |                                     |                                      |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| <b>Ant.Br.</b> Antique Brass         | <b>Blk.Ox.</b> Black Oxide          | <b>Gy.Jp.H.</b> Grey Japanned Head  | <b>ZD-C</b> Zinc Di-chromate         |
| <b>Ant.Cu.</b> Antique Copper        | <b>Blu.Jp.H.</b> Blue Japanned Head | <b>Park.</b> Parkerize              | <b>ZD-CY</b> Zinc Di-chromate Yellow |
| <b>Blk.Jp.</b> Black Japanned        | <b>Br.Jp.H.</b> Brown Japanned Head | <b>Wh.Jp.</b> White Japanned        |                                      |
| <b>Blk.Jp.H.</b> Black Japanned Head | <b>Gn.Jp.H.</b> Green Japanned Head | <b>Wh.Jp.H.</b> White Japanned Head |                                      |

CATALOG 14

SPAENAUR



# Semi-Tubular Rivets

Inch

## Rivets semi-tubulaires

Pouce

| Continued from Previous Page |                     |                   |                  |               |                     |                     |                   |                  |               |
|------------------------------|---------------------|-------------------|------------------|---------------|---------------------|---------------------|-------------------|------------------|---------------|
| <b>SPAENAUR No.</b>          | <b>Dia. x Lgth.</b> | <b>Head Style</b> | <b>Head Dia.</b> | <b>Finish</b> | <b>SPAENAUR No.</b> | <b>Dia. x Lgth.</b> | <b>Head Style</b> | <b>Head Dia.</b> | <b>Finish</b> |
| <b>292-029</b>               | 1/16" x 7/64"       | Oval              | 7/64"            | Zinc          | <b>292-206</b>      | 9/64" x 5/16"       | Oval              | 5/16"            | Nickel        |
| <b>292-030</b>               | 1/16" x 7/32"       | Oval              | 7/64"            | Nickel        | <b>292-209</b>      | 9/64" x 11/32"      | Oval              | 5/16"            | Plain         |
| <b>292-036</b>               | 1/16" x 17/64"      | Oval              | 1/8"             | Nickel        | <b>292-210</b>      | 9/64" x 11/32"      | Oval              | 5/16"            | Blk. Ox.      |
| <b>292-145</b>               | 1/8" x 1/4"         | Oval              | 9/32"            | Bl.Jp.        | <b>292-211</b>      | 9/64" x 11/32"      | Oval              | 5/16"            | Nickel        |
| <b>292-146</b>               | 1/8" x 9/32"        | Oval              | 9/32"            | Nickel        | <b>292-212</b>      | 9/64" x 11/32"      | Oval              | 5/16"            | Zinc          |
| <b>292-149</b>               | 1/8" x 13/32"       | Oval              | 9/32"            | Nickel        | <b>292-214</b>      | 9/64" x 3/8"        | Oval              | 5/16"            | Nickel        |
| <b>292-150</b>               | 1/8" x 1-3/16"      | Oval              | 9/32"            | Zinc          | <b>292-217</b>      | 9/64" x 3/8"        | Oval              | 5/16"            | Ant. Br.      |
| <b>292-154</b>               | 1/8" x 5/16"        | Oval              | 5/16"            | Zinc          | <b>292-218</b>      | 9/64" x 7/16"       | Oval              | 5/16"            | Nickel        |
| <b>292-158</b>               | 1/8" x 1-21/32"     | Oval              | 5/16"            | Nickel        | <b>292-219</b>      | 9/64" x 7/16"       | Oval              | 5/16"            | Zinc          |
| <b>292-166</b>               | 9/64" x 1/4"        | Oval              | 15/64"           | Zinc          | <b>292-221</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Gn.Jp.H.      |
| <b>292-151</b>               | 9/64" x 1/4"        | Oval              | 5/16"            | Zinc          | <b>292-222</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Gy.Jp.H.      |
| <b>292-172</b>               | 9/64" x 49/64"      | Oval              | 15/64"           | Zinc          | <b>292-224</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Plain         |
| <b>292-173</b>               | 9/64" x 7/32"       | Oval              | 1/4"             | Zinc          | <b>292-225</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Nickel        |
| <b>292-174</b>               | 9/64" x 17/64"      | Oval              | 1/4"             | Nickel        | <b>292-226</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Zinc          |
| <b>292-175</b>               | 9/64" x 9/32"       | Oval              | 1/4"             | Zinc          | <b>292-227</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Brass         |
| <b>292-178</b>               | 9/64" x 3/8"        | Oval              | 1/4"             | Nickel        | <b>292-228</b>      | 9/64" x 1/2"        | Oval              | 5/16"            | Blk. Ox.      |
| <b>292-179</b>               | 9/64" x 7/16"       | Oval              | 1/4"             | Nickel        | <b>RVT-228</b>      | 9/64" x 9/16"       | Oval              | 5/16"            | Nickel        |
| <b>292-180</b>               | 9/64" x 9/16"       | Oval              | 17/64"           | Nickel        | <b>292-232</b>      | 9/64" x 9/16"       | Oval              | 5/16"            | Blk. Ox.      |
| <b>292-182</b>               | 9/64" x 7/32"       | Oval              | 9/32"            | Zinc          | <b>292-233</b>      | 9/64" x 9/16"       | Oval              | 5/16"            | Wh.Jp.H.      |
| <b>292-183</b>               | 9/64" x 15/64"      | Oval              | 9/32"            | Nickel        | <b>292-K02-1N</b>   | 9/64" x 5/8"        | Oval              | 5/16"            | Nickel        |
| <b>292-184</b>               | 9/64" x 1/4"        | Oval              | 9/32"            | Nickel        | <b>292-235</b>      | 9/64" x 11/16"      | Oval              | 5/16"            | Nickel        |
| <b>292-188</b>               | 9/64" x 1/2"        | Oval              | 9/32"            | Zinc          | <b>292-236</b>      | 9/64" x 23/32"      | Oval              | 5/16"            | Nickel        |
| <b>292-189</b>               | 9/64" x 5/8"        | Oval              | 9/32"            | Blk. Ox.      | <b>RVT-259</b>      | 9/64" x 1-3/8"      | Oval              | 5/16"            | Nickel        |
| <b>292-193</b>               | 9/64" x 1-7/16"     | Oval              | 9/32"            | Zinc          | <b>292-238</b>      | 9/64" x 5/16"       | Oval              | 21/64"           | Nickel        |
| <b>292-K06-1M</b>            | 9/64" x 3/16"       | Oval              | 5/16"            | Nickel        | <b>292-240</b>      | 9/64" x 5/16"       | Oval              | 3/8"             | Nickel        |
| <b>292-196</b>               | 9/64" x 3/16"       | Oval              | 5/16"            | Zinc          | <b>292-242</b>      | 9/64" x 5/16"       | Oval              | 3/8"             | Brass         |
| <b>292-199</b>               | 9/64" x 1/4"        | Oval              | 5/16"            | Nickel        | <b>292-243</b>      | 9/64" x 3/8"        | Oval              | 3/8"             | Zinc          |
| <b>292-K10-1A</b>            | 9/64" x 1/4"        | Oval              | 5/16"            | Zinc          | <b>292-244</b>      | 9/64" x 3/8"        | Oval              | 3/8"             | Ant. Cu.      |
| <b>292-201</b>               | 9/64" x 1/4"        | Oval              | 5/16"            | Brass         | <b>292-245</b>      | 9/64" x 3/8"        | Oval              | 3/8"             | Blk. Jp.      |
| <b>292-202</b>               | 9/64" x 1/4"        | Oval              | 5/16"            | Blk. Ox.      |                     |                     |                   |                  |               |
| <b>292-203</b>               | 9/64" x 1/4"        | Oval              | 5/16"            | Plain         |                     |                     |                   |                  |               |
| <b>292-205</b>               | 9/64" x 19/64"      | Oval              | 5/16"            | Blk. Ox.      |                     |                     |                   |                  |               |

PKG QTY. 100

Continued on next page

### Steel Tubular Rivet Finish - Legend

|                                      |                                     |                                     |                                      |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| <b>Ant.Br.</b> Antique Brass         | <b>Blk.Ox.</b> Black Oxide          | <b>Gy.Jp.H.</b> Grey Japanned Head  | <b>ZD-C</b> Zinc Di-chromate         |
| <b>Ant.Cu.</b> Antique Copper        | <b>Blu.Jp.H.</b> Blue Japanned Head | <b>Park.</b> Parkerize              | <b>ZD-CY</b> Zinc Di-chromate Yellow |
| <b>Blk.Jp.</b> Black Japanned        | <b>Br.Jp.H.</b> Brown Japanned Head | <b>Wh.Jp.</b> White Japanned        |                                      |
| <b>Blk.Jp.H.</b> Black Japanned Head | <b>Gn.Jp.H.</b> Green Japanned Head | <b>Wh.Jp.H.</b> White Japanned Head |                                      |

CATALOG 14

SPAENAUR

Inch

**Semi-Tubular Rivets**

Pouce

**Rivets semi-tubulaires**

| Continued from Previous Page |                 |            |           |          | PKG QTY. 100 |                  |            |           |        |
|------------------------------|-----------------|------------|-----------|----------|--------------|------------------|------------|-----------|--------|
| SPAENAUR No.                 | Dia. x Lgth.    | Head Style | Head Dia. | Finish   | SPAENAUR No. | Dia. x Lgth.     | Head Style | Head Dia. | Finish |
| 292-247                      | 9/64" x 15/32"  | Oval       | 3/8"      | Zinc     | 292-302      | 3/16" x 13/32"   | Oval       | 3/8"      | Nickel |
| 292-248                      | 9/64" x 17/32"  | Oval       | 3/8"      | Zinc     | 292-K08-1A   | 3/16" x 7/16"    | Oval       | 3/8"      | Zinc   |
| 292-249                      | 9/64" x 9/16"   | Oval       | 3/8"      | Nickel   | 292-304      | 3/16" x 1/2"     | Oval       | 3/8"      | Zinc   |
| 292-251                      | 9/64" x 9/16"   | Oval       | 7/16"     | Nickel   | 292-K18-1M   | 3/16" x 3/4"     | Oval       | 3/8"      | Zinc   |
| 292-253                      | 9/64" x 7/16"   | Oval       | 15/32"    | Brass    | 292-307      | 3/16" x 7/8"     | Oval       | 3/8"      | Zinc   |
| 292-256                      | 5/32" x 3/16"   | Oval       | 9/32"     | Nickel   | 292-308      | 3/16" x 15/16"   | Oval       | 3/8"      | Zinc   |
| 292-257                      | 5/32" x 5/16"   | Oval       | 9/32"     | Nickel   | 292-309      | 3/16" x 1"       | Oval       | 3/8"      | Zinc   |
| 292-258                      | 5/32" x 3/16"   | Oval       | 5/16"     | Zinc     | 292-311      | 3/16" x 1-1/16"  | Oval       | 3/8"      | Zinc   |
| 292-260                      | 5/32" x 13/64"  | Oval       | 5/16"     | Zinc     | 292-312      | 3/16" x 1-3/32"  | Oval       | 3/8"      | ZD-CY  |
| 292-263                      | 5/32" x 7/32"   | Oval       | 5/16"     | Nickel   | 292-313      | 3/16" x 1-1/8"   | Oval       | 3/8"      | Nickel |
| 292-265                      | 5/32" x 9/32"   | Oval       | 5/16"     | Blk. Ox. | 292-314      | 3/16" x 1-3/16"  | Oval       | 3/8"      | ZD-CY  |
| 292-266                      | 5/32" x 1/2"    | Oval       | 5/16"     | Nickel   | 292-316      | 3/16" x 1-1/4"   | Oval       | 3/8"      | Zinc   |
| 292-269                      | 5/32" x 11/16"  | Oval       | 5/16"     | Nickel   | 292-317      | 3/16" x 1-5/16"  | Oval       | 3/8"      | Zinc   |
| 292-270                      | 5/32" x 15/16"  | Oval       | 5/16"     | Nickel   | 292-318      | 3/16" x 1-3/8"   | Oval       | 3/8"      | Zinc   |
| 292-273                      | 3/16" x 7/32"   | Oval       | 5/16"     | Zinc     | 292-320      | 3/16" x 1-15/32" | Oval       | 3/8"      | Zinc   |
| 292-274                      | 3/16" x 7/32"   | Oval       | 5/16"     | Brass    | 292-321      | 3/16" x 1-1/2"   | Oval       | 3/8"      | ZD-CY  |
| 292-275                      | 3/16" x 1/4"    | Oval       | 5/16"     | Zinc     | 292-322      | 3/16" x 1-1/2"   | Oval       | 3/8"      | Zinc   |
| 292-278                      | 3/16" x 5/16"   | Oval       | 5/16"     | Zinc     | 292-323      | 3/16" x 1-9/16"  | Oval       | 3/8"      | Zinc   |
| 292-279                      | 3/16" x 9/16"   | Oval       | 5/16"     | Zinc     | 292-326      | 3/16" x 1-7/8"   | Oval       | 3/8"      | Zinc   |
| 292-280                      | 3/16" x 9/16"   | Oval       | 5/16"     | Nickel   | 292-327      | 3/16" x 1-15/16" | Oval       | 3/8"      | Zinc   |
| 292-K12-1Y                   | 3/16" x 19/32"  | Oval       | 5/16"     | Zinc     | 292-328      | 3/16" x 2-1/4"   | Oval       | 3/8"      | Zinc   |
| 292-282                      | 3/16" x 11/16"  | Oval       | 5/16"     | Zinc     | 292-329      | 3/16" x 2-3/4"   | Oval       | 3/8"      | Zinc   |
| 292-283                      | 3/16" x 13/16"  | Oval       | 5/16"     | Zinc     | 292-330      | 3/16" x 3/8"     | Oval       | 15/32"    | Zinc   |
| 292-284                      | 3/16" x 27/32"  | Oval       | 5/16"     | Nickel   | 292-331      | 3/16" x 1/4"     | Oval       | 1/2"      | Nickel |
| 292-285                      | 3/16" x 1"      | Oval       | 5/16"     | Zinc     | 292-332      | 3/16" x 7/16"    | Oval       | 1/2"      | Nickel |
| 292-286                      | 3/16" x 1-1/16" | Oval       | 5/16"     | Zinc     | 292-016      | 3/16" x 1-9/16"  | Oval       | 1/2"      | Nickel |
| 292-287                      | 3/16" x 1-5/16" | Oval       | 5/16"     | Zinc     | 292-333      | 7/32" x 1-3/16"  | Oval       | 3/8"      | Nickel |
| 292-288                      | 3/16" x 1-3/8"  | Oval       | 5/16"     | Zinc     | 292-014      | 7/32" x 5/8"     | Oval       | 7/16"     | Nickel |
| 292-289                      | 3/16" x 1-7/16" | Oval       | 5/16"     | Zinc     | 292-334      | 1/4" x 1"        | Oval       | 3/8"      | Nickel |
| 292-290                      | 3/16" x 2-1/8"  | Oval       | 5/16"     | Zinc     | 292-336      | 1/4" x 5/16"     | Oval       | 7/16"     | Zinc   |
| 292-291                      | 3/16" x 7/32"   | Oval       | 3/8"      | Zinc     | 292-337      | 1/4" x 7/16"     | Oval       | 7/16"     | Zinc   |
| 292-292                      | 3/16" x 7/32"   | Oval       | 3/8"      | Nickel   | 292-K16-1K   | 1/4" x 1/2"      | Oval       | 7/16"     | Zinc   |
| 292-293                      | 3/16" x 1/4"    | Oval       | 3/8"      | Zinc     | 292-340      | 1/4" x 9/16"     | Oval       | 7/16"     | Zinc   |
| 292-297                      | 3/16" x 9/32"   | Oval       | 3/8"      | Zinc     | 292-341      | 1/4" x 13/16"    | Oval       | 7/16"     | Nickel |
| 292-299                      | 3/16" x 5/16"   | Oval       | 3/8"      | Zinc     | 292-343      | 1/4" x 1"        | Oval       | 7/16"     | Zinc   |
| 292-300                      | 3/16" x 3/8"    | Oval       | 3/8"      | Zinc     | 292-K04-1K   | 1/4" x 1-1/4"    | Oval       | 7/16"     | Nickel |
| 292-K11-1P                   | 3/16" x 25/64"  | Oval       | 3/8"      | Zinc     | 292-347      | 1/4" x 2-1/4"    | Oval       | 7/16"     | Nickel |

Continued on next page

**Steel Tubular Rivet Finish - Legend**

|                                      |                                     |                                     |                                      |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| <b>Ant.Br</b> Antique Brass          | <b>Blk.Ox.</b> Black Oxide          | <b>Gy.Jp.H.</b> Grey Japanned Head  | <b>ZD-C</b> Zinc Di-chromate         |
| <b>Ant.Cu</b> Antique Copper         | <b>Blu.Jp.H.</b> Blue Japanned Head | <b>Park.</b> Parkerize              | <b>ZD-CY</b> Zinc Di-chromate Yellow |
| <b>Blk.Jp.</b> Black Japanned        | <b>Br.Jp.H.</b> Brown Japanned Head | <b>Wh.Jp.</b> White Japanned        |                                      |
| <b>Blk.Jp.H.</b> Black Japanned Head | <b>Gn.Jp.H.</b> Green Japanned Head | <b>Wh.Jp.H.</b> White Japanned Head |                                      |

CATALOG 14

SPAENAUR

# Semi-Tubular Rivets



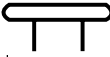

Inch

## Rivets semi-tubulaires

Pouce

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PKG QTY. 100

| SPAENAUR No.   | Dia. x Lgth.    | Head Style | Head Dia. | Finish   | SPAENAUR No.  | Dia. x Lgth.   | Head Style | Head Dia. | Finish   |
|--|-----------------|------------|-----------|----------|---|----------------|------------|-----------|----------|
| <b>Oval Head - cont'd.</b>   |                 |            |           |          | <b>Countersunk Head</b>  |                |            |           |          |
| 292-348  | 1/4" x 2-13/16" | Oval       | 7/16"     | Zinc     | 292-404   | 1/8" x 1/4"    | 90°Ctsk.   | 9/32"     | ZD-CY    |
| 292-350  | 1/4" x 5/16"    | Oval       | 1/2"      | Zinc     | 292-K05-1W  | 1/8" x 1/4"    | 90°Ctsk.   | 15/64"    | Zinc     |
| 292-352  | 1/4" x 1/2"     | Oval       | 1/2"      | Zinc     | 292-409   | 1/8" x 3/16"   | 150°Ctsk.  | 9/32"     | Brass    |
| 292-353  | 1/4" x 9/16"    | Oval       | 1/2"      | Zinc     | 292-411   | 9/64" x 5/32"  | 150°Ctsk.  | 19/64"    | Brass    |
| 292-354  | 1/4" x 11/16"   | Oval       | 1/2"      | Zinc     | 292-412   | 9/64" x 1/4"   | 150°Ctsk.  | 19/64"    | Brass    |
| 292-355  | 1/4" x 3/4"     | Oval       | 1/2"      | Zinc     | 292-413   | 9/64" x 1/4"   | 150°Ctsk.  | 19/64"    | ZD-CY    |
| 292-356  | 1/4" x 1-3/16"  | Oval       | 1/2"      | Nickel   | 292-414   | 9/64" x 1/8"   | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-357  | 1/4" x 1"       | Oval       | 3/4"      | Zinc     | 292-415   | 9/64" x 3/16"  | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-358  | 5/16" x 9/16"   | Oval       | 1/2"      | Nickel   | 292-416   | 9/64" x 3/16"  | 150°Ctsk.  | 5/16"     | Brass    |
| <b>Round Head</b>       |                 |            |           |          | 292-417 9/64" x 3/16" 150°Ctsk. 5/16" Blk. Ox.  |                |            |           |          |
| 292-362  | 9/64" x 1/4"    | Round      | 5/16"     | Brass    | 292-418   | 9/64" x 7/32"  | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-363  | 9/64" x 3/8"    | Round      | 5/16"     | Brass    | 292-419   | 9/64" x 7/32"  | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-364  | 3/16" x 9/16"   | Round      | 5/16"     | Zinc     | 292-420   | 9/64" x 1/4"   | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| <b>Flat Head</b>        |                 |            |           |          | 292-421 9/64" x 1/4" 150°Ctsk. 5/16" Nickel   |                |            |           |          |
| 292-366  | 5/64" x 11/16"  | Flat       | 9/64"     | Zinc     | 292-422   | 9/64" x 5/16"  | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-370  | 1/8" x 31/64"   | Flat       | 15/64"    | Nickel   | 292-423   | 9/64" x 5/16"  | 150°Ctsk.  | 5/16"     | Blu.Jp.H |
| 292-371  | 9/64" x 19/64"  | Flat       | 5/16"     | Nickel   | 292-424   | 9/64" x 5/16"  | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-379  | 1/4" x 1/2"     | Flat       | 5/8"      | Nickel   | 292-425   | 9/64" x 11/32" | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-380  | 5/16" x 3/4"    | Flat       | 1/2"      | Nickel   | 292-426   | 9/64" x 3/8"   | 150°Ctsk.  | 5/16"     | Nickel   |
| <b>Undercut Head</b>  |                 |            |           |          | 292-427 9/64" x 3/8" 150°Ctsk. 5/16" Copper   |                |            |           |          |
| 292-383  | 9/64" x 3/16"   | Flat       | 19/64"    | Ant. Br. | 292-428   | 9/64" x 3/8"   | 150°Ctsk.  | 5/16"     | Brass    |
| 292-384  | 9/64" x 1/4"    | Flat       | 19/64"    | ZD-CY    | 292-429   | 9/64" x 3/8"   | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-387  | 9/64" x 5/16"   | Flat       | 19/64"    | Brass    | RVT-173   | 9/64" x 3/8"   | 150°Ctsk.  | 5/16"     | Blk. Jp. |
| 292-388  | 13/64" x 1/4"   | Flat       | 11/32"    | ZD-CY    | 292-430   | 9/64" x 13/32" | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-390  | 3/16" x 9/32"   | Flat       | 11/32"    | Brass    | 292-431   | 9/64" x 7/16"  | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-391  | 7/32" x 1/4"    | Flat       | 23/64"    | Brass    | 292-434   | 9/64" x 1/2"   | 150°Ctsk.  | 5/16"     | Brass    |
| 292-392  | 3/16" x 9/32"   | Flat       | 23/64"    | Brass    | 292-435   | 9/64" x 1/2"   | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-393  | 3/16" x 5/16"   | Flat       | 23/64"    | ZD-CY    | 292-436   | 9/64" x 1/2"   | 150°Ctsk.  | 5/16"     | Blk.Jp.H |
| 292-460  | 3/16" x 23/64"  | Flat       | 23/64"    | ZD-CY    | 292-437   | 9/64" x 1/2"   | 150°Ctsk.  | 5/16"     | Wh.Jp.H  |
| 292-394  | 3/16" x 3/8"    | Flat       | 23/64"    | ZD-CY    | 292-438   | 9/64" x 9/16"  | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-396  | 13/64" x 1/4"   | Flat       | 23/64"    | ZD-CY    | 292-439   | 9/64" x 9/16"  | 150°Ctsk.  | 5/16"     | Blk. Ox. |
| 292-397  | 13/64" x 5/16"  | Flat       | 23/64"    | ZD-CY    | 292-440   | 9/64" x 5/8"   | 150°Ctsk.  | 5/16"     | Copper   |
| 292-399  | 7/32" x 9/32"   | Flat       | 23/64"    | Brass    | 292-441   | 9/64" x 5/8"   | 150°Ctsk.  | 5/16"     | Nickel   |
| 292-400  | 7/32" x 5/16"   | Flat       | 23/64"    | Brass    | 292-443   | 9/64" x 1/4"   | 150°Ctsk.  | 23/64"    | Brass    |
| 292-401  | 7/32" x 5/16"   | Flat       | 23/64"    | ZD-CY    | RVT-260   | 3/16" x 3/8"   | 150°Ctsk.  | 11/32"    | Plain    |
| 292-402  | 7/32" x 3/8"    | Flat       | 23/64"    | Brass    | 292-444   | 3/16" x 11/16" | 150°Ctsk.  | 23/64"    | Brass    |
| 292-403  | 1/4" x 1/4"     | Flat       | 3/8"      | Zinc     | 292-451   | 1/4" x 9/16"   | 150°Ctsk.  | 1/2"      | Brass    |

### Steel Tubular Rivet Finish - Legend

|                                      |                                     |                                     |                                      |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| <b>Ant.Br.</b> Antique Brass         | <b>Blk.Ox.</b> Black Oxide          | <b>Gy.Jp.H.</b> Grey Japanned Head  | <b>ZD-C</b> Zinc Di-chromate         |
| <b>Ant.Cu.</b> Antique Copper        | <b>Blu.Jp.H.</b> Blue Japanned Head | <b>Park.</b> Parkerize              | <b>ZD-CY</b> Zinc Di-chromate Yellow |
| <b>Blk.Jp.</b> Black Japanned        | <b>Br.Jp.H.</b> Brown Japanned Head | <b>Wh.Jp.</b> White Japanned        |                                      |
| <b>Blk.Jp.H.</b> Black Japanned Head | <b>Gn.Jp.H.</b> Green Japanned Head | <b>Wh.Jp.H.</b> White Japanned Head |                                      |

Inch

**Semi-Tubular Rivets / Rivet Installation Tools**

Pouce

**Rivets semi-tubulaires / Outils d'installation de rivets**

| Continued from Previous Page |              |            |           |        | PKG QTY. 100         |               |            |           |        |
|------------------------------|--------------|------------|-----------|--------|----------------------|---------------|------------|-----------|--------|
| SPAENAUR No.                 | Dia. x Lgth. | Head Style | Head Dia. | Finish | SPAENAUR No.         | Dia. x Lgth.  | Head Style | Head Dia. | Finish |
| <b>Wafer Head</b>            |              |            |           |        | <b>Self-Piercing</b> |               |            |           |        |
| 292-455                      | 1/4" x 1"    | Wafer      | 3/4"      | Zinc   | 292-458              | 5/32" x 3/16" | Flat       | 5/16"     | Nickel |
|                              |              |            |           |        | 292-459              | 5/32" x 1/4"  | Oval       | 5/16"     | Nickel |

| Steel Tubular Rivet Finish - Legend  |                                     |                                     |                                      |  |  |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--|--|
| <b>Ant.Br.</b> Antique Brass         | <b>Blk.Ox.</b> Black Oxide          | <b>Gy.Jp.H.</b> Grey Japanned Head  | <b>ZD-C</b> Zinc Di-chromate         |  |  |
| <b>Ant.Cu.</b> Antique Copper        | <b>Blu.Jp.H.</b> Blue Japanned Head | <b>Park.</b> Parkerize              | <b>ZD-CY</b> Zinc Di-chromate Yellow |  |  |
| <b>Blk.Jp.</b> Black Japanned        | <b>Br.Jp.H.</b> Brown Japanned Head | <b>Wh.Jp.</b> White Japanned        |                                      |  |  |
| <b>Blk.Jp.H.</b> Black Japanned Head | <b>Gn.Jp.H.</b> Green Japanned Head | <b>Wh.Jp.H.</b> White Japanned Head |                                      |  |  |

## 430 Stainless Steel Tubular Rivets

**Oval Head Style**

PKG QTY. 100  
*(Except 294-019 PKG QTY. 50)*

| SPAENAUR No.          | Dia. x Lgth.   | Head Style | Head Dia. | SPAENAUR No. | Dia. x Lgth.  | Head Style | Head Dia. |
|-----------------------|----------------|------------|-----------|--------------|---------------|------------|-----------|
| 294-003               | 3/32" x 7/64"  | Oval       | 3/16"     | 294-011      | 1/8" x 1/4"   | Oval       | 7/32"     |
| 294-004               | 3/32" x 1/8"   | Oval       | 3/16"     | 294-012      | 1/8" x 5/16"  | Oval       | 7/32"     |
| 294-005               | 3/32" x 5/32"  | Oval       | 3/16"     | 294-013      | 1/8" x 9/16"  | Oval       | 7/32"     |
| 294-006               | 3/32" x 11/64" | Oval       | 3/16"     | 294-014      | 9/64" x 5/32" | Oval       | 15/64"    |
| 294-007               | 1/8" x 7/64"   | Oval       | 7/32"     | 294-015      | 9/64" x 9/32" | Oval       | 15/64"    |
| *294-W02-1C           | 1/8" x 1/8"    | Oval       | 7/32"     | 294-016      | 9/64" x 3/16" | Oval       | 5/16"     |
| 294-008               | 1/8" x 1/8"    | Oval       | 7/32"     | 294-017      | 3/16" x 3/16" | Oval       | 3/8"      |
| 294-W03-1C            | 1/8" x 3/16"   | Oval       | 7/32"     | 294-018      | 3/16" x 3/8"  | Oval       | 3/8"      |
| * 302 Stainless Steel |                |            |           | 294-022      | 1/4" x 1-1/8" | Oval       | 7/16"     |
|                       |                |            |           | 294-019      | 1/4" x 1-3/8" | Oval       | 7/16"     |

### HAND SETTING TOOL

**HARDENED STEEL** with Knurled Finish  
For Tubular and Shallow Tubular Rivets

PKG QTY. 1

| SPAENAUR No. | For Rivet Dia.  |
|--------------|-----------------|
| 876-004      | 1/16"           |
| 876-005      | 3/32"           |
| 876-001      | 1/8"            |
| 876-546      | 9/64" and 5/32" |
| 876-547      | 3/16"           |
| 876-006      | 7/32"           |
| 876-548      | 1/4"            |

WAFER HEAD - SHALLOW TUBULAR

### SNOW TRACK RIVETS

Annealed Steel - Zinc Chromated

PKG QTY. 100

| SPAENAUR No. | Dia. | Lgth. Under Head | Head         |
|--------------|------|------------------|--------------|
| RVT-170      | 1/4" | 7/16"            | 3/4" X 1/16" |

CATALOG 14 SPAENAUR

# Split Rivets / Rivet Caps

Inch

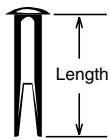
## Rivets fendus / Capuchons de rivets

Pouce

### Split Rivets - Oval Head



#### BRASS

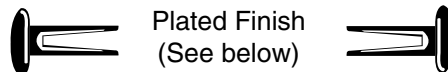


Plain Finish  
\*(except B-1266  
Nickel Plated)

PKG QTY. 100

|              |               |                       |
|--------------|---------------|-----------------------|
| BODY DIA.    | 1/8"          | 9/64"                 |
| HEAD DIA.    | 7/32"         | 5/16"                 |
| LENGTH       | 7/16"<br>1/2" | RVT-550<br>288-A01-1P |
| 5/8"<br>3/4" | *B-1266       | RVT-552<br>RVT-553    |

### Split Rivets - Oval Head STEEL



Plated Finish  
(See below)

| SPAENAUR No. | Dia. x Lgth.  | Head Dia. | Finish |
|--------------|---------------|-----------|--------|
| 293-002      | 1/8" x 1/4"   | 7/32"     | Nickel |
| 2432         | 1/8" x 3/8"   | 7/32"     | Nickel |
| 293-004      | 1/8" x 7/16"  | 7/32"     | Nickel |
| 293-018      | 9/64" x 1/4"  | 5/16"     | Nickel |
| RVT-18       | 9/64" x 5/16" | 5/16"     | Copper |
| RVT-19       | 9/64" x 3/8"  | 5/16"     | Copper |
| 293-D05-1P   | 9/64" x 3/8"  | 5/16"     | Nickel |
| 293-001      | 9/64" x 1/2"  | 5/16"     | Nickel |
| 293-011      | 5/32" x 1/2"  | 5/16"     | Copper |
| RVT-120      | 5/32" x 3/4"  | 5/16"     | Copper |

E

Plain and Plated  
Steel



### RIVET CAPS

USED TO COVER THE CLINCH OF SPLIT  
OR DEEP-DRILLED TUBULAR RIVETS

| SPAENAUR No. | Cap Dia. | Suggested for Rivet Shank Dia. | Back of Cap | Finish | For Use With   |
|--------------|----------|--------------------------------|-------------|--------|----------------|
| RC-1         | 5/16"    |                                | Concave     | Nickel | Split Rivets   |
| RC-3         | 5/16"    |                                | Flat        | Nickel | Tubular Rivets |
| RC-11        | 21/64"   |                                | Flat        | Brass  | Tubular Rivets |
| RC-7         | 9/32"    | 9/64"                          | Concave     | Nickel | Split Rivets   |
| RC-8         | 1/2"     |                                | Concave     | Nickel | Split Rivets   |
| RC-9         | 9/16"    |                                | Concave     | Nickel | Split Rivets   |

PKG QTY. 100

PKG QTY. 100

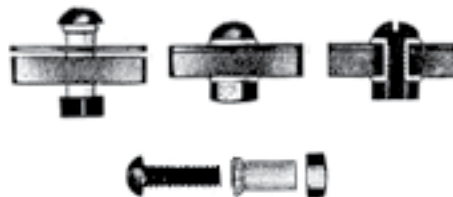


### NYLTITE HEADED SLEEVE

Used with bolt, screw, nail or rivet

- Provides electrical insulation.
- Eliminates electrolytic action.
- Creates a leak-proof seal.
- Acts as grommet, bearing, or housing.
- Reduces "fastener vibration".

PKG QTY. 100- All Sizes



#### HERE IS HOW NYLTITE HEADED SLEEVE WORKS

A NYLTITE headed sleeve, long enough to extend from bolt head to nut before tightening, is either slipped over the bolt before insertion, or dropped into bolt hole. In the latter case, the rim-flange at one end prevents the sleeve from falling through the hole. The rim-flange also insures the positioning of sufficient plastic material between bolt head and work. As the nut is drawn up on the bolt, the NYLTITE sleeve is compressed, and cold-flows into a new shape, forming washer-like discs at both ends.

NYLTITE Headed Sleeves found on Page D71

CATALOG 14



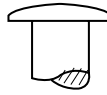


SPAENAUR

Inch

**Semi-Tubular Rivets**

Pouce

**Rivets semi-tubulaires**

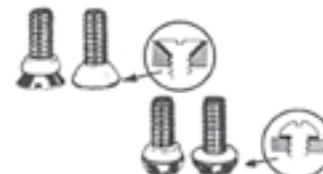
| Aluminum Alloy No. 1100-F (2-S)   |               |            |           | <b>TUBULAR ALUMINUM RIVETS</b>   |                 |            |           |  | PKG QTY. 100 |
|---|---------------|------------|-----------|--|-----------------|------------|-----------|---|--------------|
| SPAENAUR No.  | Dia. x Lgth.  | Head Style | Head Dia. | SPAENAUR No.   | Dia. x Lgth.    | Head Style | Head Dia. |   |              |
| <b>Truss Head</b>  |               |            |           | <b>Oval Head</b>  |                 |            |           |   |              |
| B-1783  | 1/8" x 1/4"   | Truss      | 7/32"     | 286-057  | 5/64" x 5/32"   | Oval       | 9/64"     |   |              |
| B-1703  | 9/64" x 9/16" | Truss      | 5/16"     | 286-060  | 1/8" X 5/32"    | Oval       | 7/32"     |   |              |
| RVT-3003  | 3/16" x 1/4"  | Truss      | 3/8"      | 286-061  | 1/8" x 11/64"   | Oval       | 7/32"     |   |              |
|   |               |            |           | 286-W09-1P   | 1/8" x 3/16"    | Oval       | 7/32"     |   |              |
| <b>Pan Head</b>    |               |            |           |  |                 |            |           |   |              |
| B-1694  | 1/8" x 5/16"  | Pan        | 7/32"     | 286-063  | 1/8" x 7/32"    | Oval       | 7/32"     |   |              |
|   |               |            |           | 286-064  | 1/8" x 3/8"     | Oval       | 7/32"     |   |              |
|   |               |            |           | 286-065  | 1/8" x 13/32"   | Oval       | 7/32"     |   |              |
|   |               |            |           | 286-067  | 1/8" x 1/2"     | Oval       | 7/32"     |   |              |
|   |               |            |           | 286-W02-1W   | 1/8" x 13/32"   | Oval       | 9/32"     |   |              |
| <b>Flat Head</b>   |               |            |           | <b>286-W01-1C</b>  |                 |            |           |   |              |
| 286-096   | 9/64" x 7/32" | Flat       | 5/16"     | 286-075  | 9/64" x 5/16"   | Oval       | 5/16"     |   |              |
|   |               |            |           | 286-077  | 9/64" x 1/2"    | Oval       | 5/16"     |   |              |
|   |               |            |           | 286-079  | 5/32" x 15/16"  | Oval       | 5/16"     |   |              |
|   |               |            |           | 286-080  | 3/16" x 9/16"   | Oval       | 5/16"     |   |              |
|   |               |            |           | 286-081  | 3/16" x 7/32"   | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-082  | 3/16" x 3/8"    | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-083  | 3/16" x 7/16"   | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-087  | 3/16" x 1"      | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-088  | 3/16" x 1-1/4"  | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-089  | 3/16" x 1-7/16" | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-090  | 3/16" x 1-9/16" | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-091  | 3/16" x 2-1/32" | Oval       | 3/8"      |   |              |
|   |               |            |           | 286-092  | 3/16" x 9/16"   | Oval       | 1/2"      |   |              |
|   |               |            |           | 286-001  | 1/4" x 3/8"     | Oval       | 1/2"      |   |              |
|   |               |            |           | RVT-3004   | 1/4" x 1/2"     | Oval       | 1/2"      |   |              |
|   |               |            |           | 286-094  | 1/4" x 9/16"    | Oval       | 1/2"      |   |              |
|   |               |            |           | 286-093  | 1/4" x 1-1/8"   | Oval       | 7/16"     |   |              |
| <p align="center"><b>Solid Aluminum Rivets shown on page E4.</b></p>                                |               |            |           |  |                 |            |           |   |              |



**NYLTITE ROLLED NYLON WASHERS**

Made of DuPont Zytel which meets specs: MIL-M-20693A; MIL-P-17091-B.

Used as an insulator or sealer with bolt, screw, nail or rivet.



**HERE IS HOW NYLTITE ROLLED WASHER WORKS**

The Nytlite washer deforms under pressure to conform and seal with any STANDARD fastener. The nylon flows inward towards the inner cut edges, providing a positive seal around the screw threads. The rolled washers offer this positive seal because they expand and contract with surrounding materials. Note: The absence of flow outward at the rolled edge, eliminates the need for back-up washers.

**NYLTITE Rolled Nylon Washers found on Page D71**

CATALOG 14 SPAENAUR

# Semi-Tubular / Clutch Facing Rivets

Inch

Rivets semi-tubulaires / pour garniture d'embrayage

Pouce

## BRASS

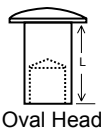
## CLUTCH FACING RIVETS

Deep-drilled Tubular

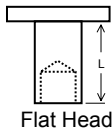


| BODY DIAMETER   | 9/64"                                  | 9/64"                      | 9/64"                      | 3/16"                      | 3/16"                      | 1/4"                       |
|-----------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                 | SPAENAUR No. Nom. Hd. Dia.             | SPAENAUR No. Nom. Hd. Dia. | SPAENAUR No. Nom. Hd. Dia. | SPAENAUR No. Nom. Hd. Dia. | SPAENAUR No. Nom. Hd. Dia. | SPAENAUR No. Nom. Hd. Dia. |
| LGTH. UNDER HD. | ORDER BY SPAENAUR NUMBERS LISTED BELOW |                            |                            |                            |                            |                            |
| 5/16"           | RVT-544 5/16"                          |                            | RVT-514 3/8"               |                            |                            |                            |
| 3/8"            |  |                            |                            | RVT-522 3/8"               | RVT-528 1/2"               |                            |
| 7/16"           |  |                            | RVT-516 3/8"               | RVT-523 23/64              |                            |                            |
| 1/2"            |  |                            |                            |                            |                            |                            |
| 9/16"           |  | RVT-510 19/64"             | RVT-517 23/64"             | RVT-524 3/8"               | RVT-529 1/2"               |                            |
| 5/8"            |  |                            |                            |                            |                            | RVT-537 1/2"               |
| 3/4"            |  |                            |                            | RVT-525 3/8"               | RVT-531 1/2"               |                            |
| 1"              |  |                            |                            | RVT-527 3/8"               |                            |                            |
| 1-1/4"          |  |                            |                            | RVT-502 23/64"             | RVT-534 15/32"             |                            |
|                 | PKG QTY. 100                           |                            |                            |                            |                            |                            |

## Copper Tubular Rivets



Plain Finish  
PKG QTY. 100



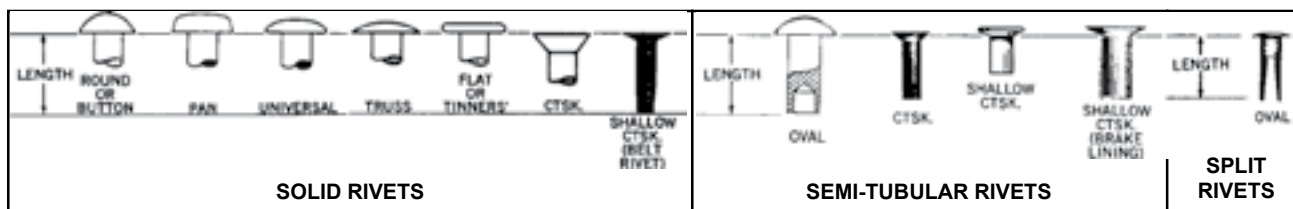
| SPAENAUR No. | Dia. x Lgth.   | Head Style | Head Dia. |
|--------------|----------------|------------|-----------|
| 290-012      | 3/32" x 3/32"  | Oval       | 3/16"     |
| 290-013      | 1/8" x 21/32"  | Oval       | 7/32"     |
| 290-014      | 9/64" x 13/64" | Oval       | 15/64"    |
| 290-015      | 1/8" x 1/4"    | Flat       | 7/32"     |

N.B. - For Solid Copper Rivets see page E5.

## Copper Burrs - for Rivets -

| SPAENAUR No. | B.W. Gauge (or inches) | INSIDE DIAMETER | OUTSIDE DIAMETER | THICKNESS | PKG QTY. |
|--------------|------------------------|-----------------|------------------|-----------|----------|
| W-4000       | 12                     | .101-.104"      | .375-.385"       | .042"     | 500      |
| W-4001       | 10                     | .128-.131"      | .375-.385"       | .042"     | 500      |
| 651-A01-1Y   | 8                      | .157-.160"      | .500-.510"       | .042"     | 250      |
| W-4003       | 3/16"                  | .192-.195"      | .500-.510"       | .042"     | 250      |
| W-4004       | 4                      | .236-.239"      | .625-.635"       | .050"     | 250      |
| W-4005       | 1/4"                   | .257-.260"      | .625-.635"       | .050"     | 100      |
| W-4006       | 5/16"                  | .320-.323"      | .625-.635"       | .050"     | 100      |

## HOW TO MEASURE RIVET LENGTHS



Inch

**Semi-Tubular Rivets**

Pouce

**Rivets semi-tubulaires**

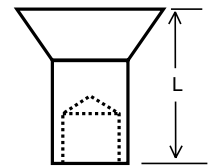
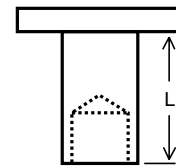
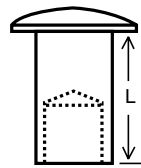
# Brass Tubular Rivets

Oval, Flat and 90° Ctsk. Head

Oval Head

Flat Head

90° Ctsk. Head



PKG QTY. 100

| SPAENAUR No.                                 | Dia. x Lgth.  | Head Style | Head Dia. | Finish | SPAENAUR No.          | Dia. x Lgth.   | Head Style | Head Dia. | Finish |
|--|---------------|------------|-----------|--------|-----------------------|----------------|------------|-----------|--------|
| <b>Oval Head</b>                             |               |            |           |        | ...Cont'd.            |                |            |           |        |
| <b>288-018</b>                               | 1/16" x 7/64" | Oval       | 7/64"     | Plain  | <b>288-040</b>        | 1/8" x 5/16"   | Oval       | 7/32"     | Plain  |
| <b>288-019</b>                               | 1/16" x 9/64" | Oval       | 7/64"     | Plain  | <b>288-042</b>        | 1/8" x 25/64"  | Oval       | 15/64"    | Plain  |
| <b>288-020</b>                               | 1/16" x 9/32" | Oval       | 7/64"     | Zinc   | <b>288-041</b>        | 1/8" x 9/16"   | Oval       | 7/32"     | Plain  |
| <b>288-021</b>                               | 5/64" x 9/64" | Oval       | 9/64"     | Plain  | <b>288-054</b>        | 1/8" x 21/32"  | Oval       | 7/32"     | Plain  |
| <b>288-029</b>                               | 5/64" x 9/64" | Oval       | 3/16"     | Plain  | <b>288-055</b>        | 1/8" x 11/16"  | Oval       | 7/32"     | Plain  |
| <b>288-028</b>                               | 5/64" x 5/32" | Oval       | 3/16"     | Nickel | <b>288-044</b>        | 9/64" x 1/4"   | Oval       | 1/4"      | Plain  |
| <b>288-026</b>                               | 5/64" x 7/32" | Oval       | 9/64"     | Nickel | <b>288-043</b>        | 9/64" x 1/4"   | Oval       | 1/4"      | Zinc   |
| <b>288-027</b>                               | 5/64" x 1/8"  | Oval       | 3/16"     | Plain  | <b>288-045</b>        | 9/64" x 43/64" | Oval       | 5/16"     | Plain  |
| <b>288-030</b>                               | 3/32" x 3/32" | Oval       | 3/16"     | Plain  | <b>288-046</b>        | 9/64" x 3/4"   | Oval       | 5/16"     | Plain  |
| <b>RVT-556</b>                               | 1/8" x 1/8"   | Oval       | 7/32"     | Plain  | <b>288-047</b>        | 9/64" x 19/64" | Oval       | 3/8"      | Plain  |
| <b>288-036</b>                               | 1/8" x 5/32"  | Oval       | 7/32"     | Nickel | <b>288-056</b>        | 9/64" x 5/16"  | Oval       | 1/4"      | Plain  |
| <b>288-037</b>                               | 1/8" x 3/16"  | Oval       | 7/32"     | Plain  | <b>288-048</b>        | 9/64" x 5/16"  | Oval       | 3/8"      | Plain  |
| <b>288-039</b>                               | 1/8" x 13/64" | Oval       | 7/32"     | Plain  | <b>288-049</b>        | 9/64" x 21/64" | Oval       | 3/8"      | Plain  |
| <b>288-038</b>                               | 1/8" x 7/32"  | Oval       | 7/32"     | Plain  | <b>RVT-573</b>        | 9/64" x 3/8"   | Oval       | 5/16"     | Plain  |
| <b>288-034</b>                               | 1/8" x 7/32"  | Oval       | 15/64"    | Plain  | <b>RVT-574</b>        | 9/64" x 7/16"  | Oval       | 5/16"     | Plain  |
| <i>Oval Head continued next column . . .</i> |               |            |           |        | <b>288-050</b>        | 5/32" x 1/4"   | Oval       | 5/16"     | Plain  |
|  |               |            |           |        | <b>288-051</b>        | 3/16" x 1/2"   | Oval       | 5/16"     | Nickel |
|  |               |            |           |        | <b>288-053</b>        | 3/16" x 7/16"  | Oval       | 3/8"      | Plain  |
|  |               |            |           |        | <b>RVT-575</b>        | 3/16" x 1"     | Oval       | 3/8"      | Plain  |
|  |               |            |           |        | <b>RVT-576</b>        | 1/4" x 3/4"    | Oval       | 1/2"      | Plain  |
|  |               |            |           |        | <b>Flat Head</b>      |                |            |           |        |
|  |               |            |           |        | <b>288-009</b>        | 5/64" x 11/64" | Flat       | 1/8"      | Plain  |
|  |               |            |           |        | <b>*288-010</b>       | 3/16" x 5/16"  | Flat       | 23/64"    | Plain  |
|  |               |            |           |        | <b>90° Ctsk. Head</b> |                |            |           |        |
|  |               |            |           |        | <b>288-012</b>        | 3/16" x 27/32" | 90° Ctsk.  | 21/64"    | Plain  |
|  |               |            |           |        | *Undercut Head        |                |            |           |        |

CATALOG 14 SPAENAUR



Inch and Metric

Blind Rivets / Burrs

Pouce et Métrique

Rivets aveugles / Fraises

# Plastic Blind Rivets

Natural Colour

**Tough! Nylon 6/6**



**Dome Head**

The SPAENAUR Plastic Blind Rivet is highly corrosion-resistant and non-conductive. Self-plugging mandrel.

Especially suited for joining plastic to metal, wood, fiberglass, synthetic materials, plexiglass, etc.

Effective temperature range: **-40°C to +80°C** (-22°F to +176°F).

Melting temperature: **250-255°C** (482-491°F).

Flammable but self-extinguishing.

### CHEMICAL PROPERTIES

Resistant to carbohydrates, oils, fats, propellants, alcohols, diluted alkalines and lyes, trichlorethylene, salt water, hot water conditional, etc.

| SPAENAUR No. | Rivet Dia. | Dimensions in Inches |            |              | Shear Strength |
|--------------|------------|----------------------|------------|--------------|----------------|
|              |            | Length under hd.     | Grip Range | Drill Size   |                |
| 310-A33-1K   | 5/32"      | .315"                | .020-.197" | #20          | 40 lbs.        |
| 310-A34-1W   | (4 mm)     | .468"                | .197-.354" | (.160-.164") |                |
| 310-A35-1M   | 197"       | .315"                | .020-.197" | #7           | 67 lbs.        |
| 310-A36-1X   | (5 mm)     | .468"                | .197-.354" | (.200-.204") |                |
| 310-A37-1A   | .236"      | .315"                | .020-.197" | "C"          | 100 lbs.       |
| 310-A38-1P   | (6 mm)     | .468"                | .197-.354" | (.240-.244") |                |

PKG QTY. 100

## Metric "Extra Length" Blind Rivets

### Dome Head - Open-End

**Aluminum Rivet with Steel Mandrel**

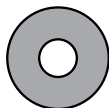
Zinc and Clear Dichromate Finish

PKG QTY. 100



| SPAENAUR No. | Rivet Length under head (mm) | Drill Size (mm) | Rivet Dia. (mm) | Grip Range (mm) |
|--------------|------------------------------|-----------------|-----------------|-----------------|
| 310-A25-1A   | 36.0                         | 5.1 to 5.2      | 5               | 25-30           |
| 310-A26-1P   | 41.0                         |                 |                 | 30-35           |
| 310-A27-1Y   | 46.0                         |                 |                 | 35-40           |
| 310-A28-1C   | 51.0                         |                 |                 | 40-45           |
| 310-A29-1N   | 56.0                         |                 |                 | 45-48           |
| 310-A30-1C   | 61.0                         |                 |                 | 48-52           |
| 310-A31-1N   | 66.0                         |                 |                 | 52-57           |

## Burrs



For use with "Pop" Rivets

| SPAENAUR No. | Material  | For Rivet Dia. | Washers |        |        | PKG QTY. |
|--------------|-----------|----------------|---------|--------|--------|----------|
|              |           |                | O.D.    | Thick. | Finish |          |
| 656-035      | Steel     | 3/32"          | 3/8"    | .035"  | Zinc   | 100      |
| 656-B38-1C   | Steel     | 1/8"           | 7/16"   | .040"  | Zinc   | 100      |
| 656-B55-1X   | Steel     | 5/32"          | 1/2"    | .050"  | Zinc   | 100      |
| 656-B06-1W   | Steel     | 3/16"          | 1/2"    | .047"  | Nickel | 100      |
| 656-B45-1M   | Steel     | 1/4"           | 1-3/16" | .031"  | Zinc   | 50       |
| 647-D01-1E   | Aluminum  | 1/8"           | 3/8"    | .032"  | Plain  | 100      |
| 656-B22-1X   | Aluminum  | 5/32"          | 3/8"    | .032"  | Plain  | 100      |
| 647-W01-1A   | Aluminum  | 3/16"          | 7/16"   | .037"  | Plain  | 100      |
| W-3001       | Aluminum  | 1/4"           | 11/16"  | .047"  | Plain  | 100      |
| 658-B05-1N   | St. Steel | 1/8"           | 3/8"    | .031"  | Plain  | 100      |
| 658-B02-2P   | St. Steel | 3/16"          | 7/16"   | .031"  | Plain  | 100      |
| W-4001       | Copper    | 1/8"           | .380"   | .042"  | Plain  | 500      |

Drive Rivets

Rivets à expansion



Inch

Pouce

**ALUMINUM Drive Rivets**

PKG QTY. 500

Cont'd. from previous page.

**SPAENAUR NUMBERS**

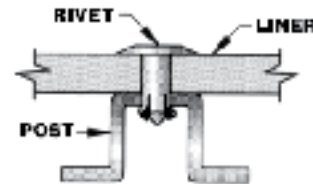
|  | G<br>GRIP RANGE |        |         | L<br>Lgth.<br>Max. | SPAENAUR NUMBERS |                               |                |
|--|-----------------|--------|---------|--------------------|------------------|-------------------------------|----------------|
|  | Nom.            | Min.   | Max.    |                    | UNIVERSAL HEAD   | 100° CTSK. HEAD<br>FLUSH HEAD | BRAZIER HEAD   |
| <b>3/16"</b><br><b>(4.8 mm)</b><br>is<br>furnished<br>with<br>Stainless<br>or<br>Aluminum<br>drive pin.<br><b>Multi-Grip</b>     | 1/8"            | .078"  | .172"   | 9/32"              | <b>304-313</b>   |                               | <b>304-437</b> |
|  | 3/16"           | .141"  | .234"   | 11/32"             | <b>304-314</b>   |                               | <b>304-438</b> |
|  | 1/4"            | .203"  | .297"   | 13/32"             | <b>304-315</b>   |                               | <b>304-434</b> |
|  | 5/16"           | .266"  | .359"   | 15/32"             | <b>304-316</b>   |                               | <b>304-439</b> |
|  | 3/8"            | .328"  | .421"   | 17/32"             | <b>304-317</b>   | <b>304-374</b>                | <b>304-435</b> |
|  | 7/16"           | .391"  | .484"   | 19/32"             | <b>304-318</b>   |                               | <b>304-440</b> |
|  | 1/2"            | .453"  | .547"   | 21/32"             | <b>304-319</b>   |                               |                |
|  | 9/16"           | .516"  | .609"   | 23/32"             | <b>304-320</b>   |                               |                |
|  | 5/8"            | .578"  | .672"   | 25/32"             | <b>304-321</b>   |                               |                |
|  | 7/8"            | .828"  | .922"   | 1-1/32"            | <b>304-323</b>   |                               |                |
| 1"   | .953"           | 1.047" | 1-5/32" | <b>304-324</b>     |                  |                               |                |
| <b>1/4" Dia.</b><br><b>(6.4 mm)</b><br>is<br>furnished<br>with<br>Stainless<br>or<br>Aluminum<br>drive pin.<br><b>Multi-Grip</b> | 1/8"            | .078"  | .172"   | 9/32"              | <b>304-326</b>   |                               | <b>304-376</b> |
|  | 3/16"           | .141"  | .234"   | 11/32"             | <b>304-327</b>   |                               | <b>304-377</b> |
|  | 1/4"            | .203"  | .297"   | 13/32"             | <b>304-328</b>   |                               | <b>304-378</b> |
|  | 5/16"           | .266"  | .359"   | 15/32"             | <b>304-329</b>   |                               | <b>304-379</b> |
|  | 3/8"            | .328"  | .422"   | 17/32"             | <b>304-330</b>   |                               | <b>304-380</b> |
|  | 7/16"           | .391"  | .484"   | 19/32"             | <b>304-331</b>   |                               | <b>304-381</b> |
|  | 1/2"            | .453"  | .547"   | 21/32"             | <b>304-332</b>   |                               | <b>304-382</b> |
|  | 9/16"           | .516"  | .609"   | 23/32"             | <b>304-333</b>   |                               |                |
|  | 5/8"            | .578"  | .672"   | 25/32"             | <b>304-334</b>   |                               |                |
|  | 1-1/8"          | 1.078" | 1.171"  | 1-9/32"            |                  |                               | <b>304-383</b> |

E

**ALUMINUM TRAILER LINER DRIVE RIVETS**

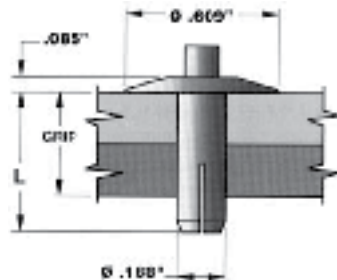
with aluminum drive pin

For fastening plywood or plastic liners in T.I.R. containers.



PKG QTY. 500

Large diameter, low profile head increases bearing surface and eliminates cargo snagging.



| RIVET DIA.                      | GRIP RANGE |       | L<br>Max. Lgth. | SPAENAUR No.    |
|---------------------------------|------------|-------|-----------------|-----------------|
|                                 | Min.       | Max.  |                 |                 |
| <b>3/16"</b><br><b>(4.8 mm)</b> | .075"      | .175" | 9/32"           | <b>304-470</b>  |
|                                 | .175"      | .275" | 25/64"          | <b>304-471</b>  |
|                                 | .275"      | .375" | 31/64"          | <b>304-472</b>  |
|                                 | .375"      | .475" | 37/64"          | <b>304-473</b>  |
|                                 | .475"      | .575" | 11/16"          | <b>304-474</b>  |
|                                 | .575"      | .675" | 25/32"          | <b>304-475</b>  |
|                                 | .775"      | .875" | 63/64"          | <b>*304-477</b> |
|                                 | .875"      | .975" | 1-5/64"         | <b>304-478</b>  |

\*with stainless steel pin - tamper-resistant style - not exactly as illustrated.