








Solid Rivets

Inch

Rivets solide

Pouce

E

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		
	3/4	RVT-52					2	RVT-66		RVT-109
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			RVT-132			3/4	RVT-74	RVT-91	
1/4"	2	291-F21-1T		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	1-1/4	RVT-78			
	7/16	RVT-61				1-5/16	291-F05-1C			
1/4"	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		7/16"	1-1/2	RVT-83	RVT-255	

— ADDITIONAL SIZES —

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

PKG QTY. 100

SPAENAUR No.	Dia. x Lgth.	Head Style	Head Dia.	Finish	SPAENAUR 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

CATALOG 14

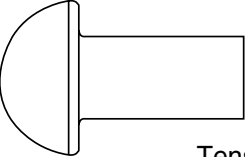
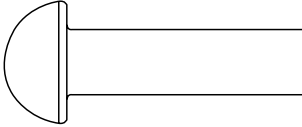
SPAENAUR

Inch

Solid Rivets / Rivet Installation Tools

Pouce

Rivets solide/ Outils d'installation de rivets

<div style="display: flex; justify-content: space-between; align-items: center;">  <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). 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		cont'd.	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		4-1/2	4	RVT-225	10
	2	RVT-184	50		2-3/4	RVT-210	25			4-1/2	RVT-226	10
	2-1/8	RVT-185	50		2-7/8	RVT-211	25					
	2-1/4	RVT-186	50		3	RVT-212	20	"HOW TO MEASURE RIVET LENGTHS" See page E4.				
	3-1/2	RVT-189	25	3-1/4	RVT-213	20						
	4	RVT-190A	25									
	UNANNEALED				3/4"	2-1/4	291-F08-1K					
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.
Round Cupping			
1/8"	3-1/2"	876-1762	1
3/16"	3-1/2"	876-1763	1
1/4"	3-1/2"	876-1764	1
Flat Cupping			
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

Round Cupping			
5/16"	3-1/2"	876-1765	1
3/8"	3-1/2"	876-1766	1
3/8"	3-1/2"	*876-1866	1
Flat Cupping			
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.



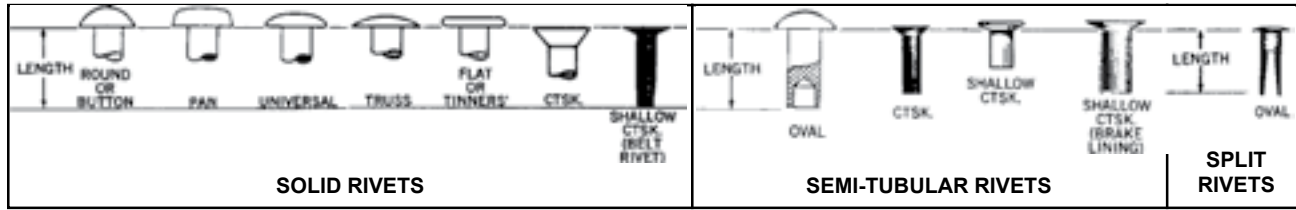
Solid Rivets

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	
1-3/8"				RVT-3026			
1-1/2"	286-015	RVT-3015			286-035	286-045	
1/4"	3/8"		B-1574				
	1/2"	B-1142				RVT-3023	RVT-3031
	3/4"	B-1143		B-802		286-005	
	1"	B-1144				286-006	
5/16"	3/4"	B-1665					
	1"	B-1666					
	1-1/2"	286-010					
	1-5/8"	286-101					
3/8"	1"	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

E4

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

For Plastic Blind Rivets, see page E33

Inch

Solid Rivets




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


Rivets solide

18-8 STAINLESS STEEL 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 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 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'

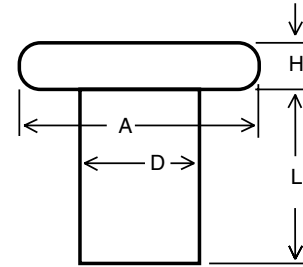
Inch

Rivets solide - Tinnings'

Pouce

ASME/ANSI
B18.1.1

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.
293-602	5/64"	5/64"	3/32"	3/32"	9/64"	13/64"	Flat	Plain	100
293-603	1/8"	5/32"	11/64"	9/64"	9/32"	3/8"	Flat	Plain	100
293-D06-1Y	1/8"	3/16"	5/32"	1/16"	5/16"	1/4"	Truss	Plain	100
293-D01-1W	3/16"	5/32"	1/4"	5/32"	3/8"	13/32"	Flat	Plain	50
293-D04-1A	3/16"	7/32"	1/4"	3/16"	1/2"	1/2"	Flat	Plain	50
B-949	7/32"	1/8"	5/16"	5/32"	1/2"	3/8"	Flat	Plain	50
B-916	1/4"	5/32"	5/16"	3/8"	1/2"	19/32"	Flat	Plain	50
B-1129	9/32"	7/32"	3/8"	3/16"	5/8"	17/32"	Flat	Plain	50

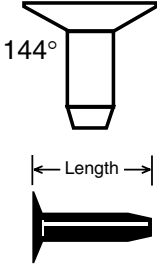


STEEL SHOULDER RIVETS - Tubular Type



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.
293-610	5/64"	13/64"	1/8"	3/32"	1/4"	11/32"	Flat	Zinc	100
293-D03-1X	1/8"	3/16"	3/16"	3/32"	9/32"	11/32"	Flat	Zinc	100
293-606	1/8"	9/64"	3/16"	5/64"	5/16"	9/32"	Truss	Plain	100
293-D02-1M	11/64"	5/32"	15/64"	5/32"	7/16"	3/8"	Flat	Brass	100
293-609	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
Shank Dia.	0.136"-0.130"	0.167"-0.161"
Head Dia.	0.417"-0.395"	0.481"-0.455"
Length	SPAENAUR No.	
3/8"	RVT-4006	RVT-4011
1/2"	RVT-4007	RVT-4012
5/8"	RVT-4008	RVT-4013
11/16"		290-002
3/4"	RVT-4009	RVT-4014
1"	RVT-4010	RVT-4015
1-1/16"	290-003	
1-1/4"		290-057
1-3/8"	290-004	
1-1/2"	290-005	RVT-4047
1-5/8"	290-006	
2-1/8"	290-008	
2-1/4"	290-009	
	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.
W-4001	#10	500
651-A01-1Y	#8	250

See page D9 for more information on BURRS & WASHERS.

Semi-Tubular Rivets

Inch

Rivets semi-tubulaires

Pouce

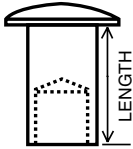
STEEL

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.

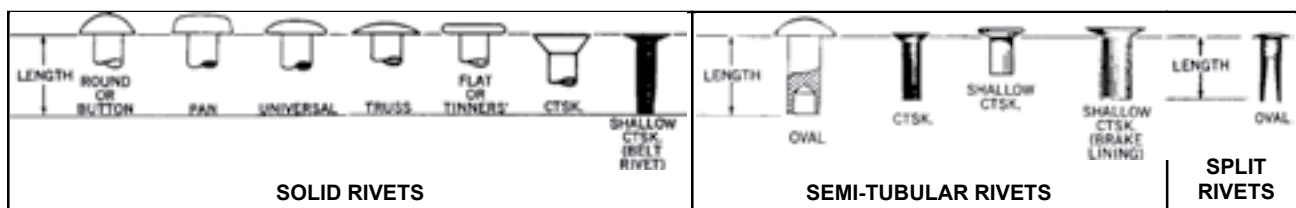


E

BODY DIAMETER	1/16"	3/32"	1/8"	9/64"		3/16"		1/4"	
HEAD DIAMETER	7/64"	3/16" *5/32"	7/32"	15/64"	3/8"	5/16"	3/8"	7/16"	1/2"
LENGTH	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	292-006
7/16"			RVT-43				RVT-168	RVT-124	292-013
1/2"			RVT-44	RVT-46	RVT-129	1462	RVT-165	RVT-125	292-004
9/16"			292-496				RVT-235		292-011
5/8"			RVT-154				RVT-236	RVT-126	292-K01-1C
11/16"							292-027		
3/4"			292-015				RVT-157	RVT-244	292-007
13/16"								RVT-245	292-008
7/8"							RVT-158		RVT-151
15/16"							RVT-227	RVT-246	292-005
1"							RVT-159		
1-1/16"							RVT-152		292-026
1-1/8"								RVT-160	RVT-247
1-3/16"								RVT-161	RVT-248
1-1/4"								RVT-162	RVT-254
1-5/16"								RVT-237	RVT-250
1-3/8"								RVT-163	RVT-251
1-7/16"									RVT-252
1-1/2"								RVT-164	RVT-253
1-9/16"									
1-5/8"								292-022	292-010
1-3/4"									292-002
1-13/16"									292-018
2"									292-019
2-1/4"							292-009		

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

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

Steel Tubular Rivet Finish - Legend

Continued on next page

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

CATALOG 14

SPAENAUR

Semi-Tubular Rivets

Inch

Rivets semi-tubulaires

Pouce

Continued from Previous Page

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

PKG QTY. 100

Continued on next page

Steel Tubular Rivet Finish - Legend

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

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

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

CATALOG 14

SPAENAUR

Semi-Tubular Rivets



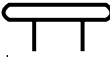

Inch

Rivets semi-tubulaires

Pouce

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
Oval Head - cont'd.					Countersunk Head 				
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
Round Head 					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.
Flat Head 					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
Undercut Head 					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

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

CATALOG 14

SPAENAUR

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

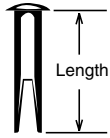
Inch

Rivets fendus / Capuchons de rivets

Pouce

Split Rivets - Oval Head

BRASS

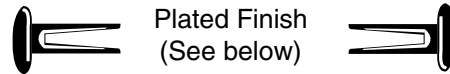


Plain Finish
*(except B-1266
Nickel Plated)

PKG QTY. 100

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

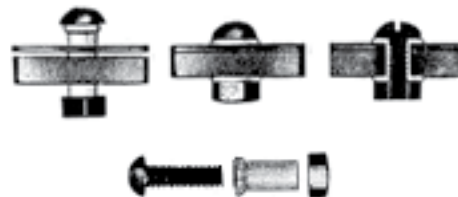


NYLITE HEADED SLEEVE

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 NYLITE HEADED SLEEVE WORKS

A NYLITE 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 NYLITE sleeve is compressed, and cold-flows into a new shape, forming washer-like discs at both ends.

NYLITE Headed Sleeves found on Page D71

CATALOG 14



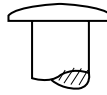
SPAENAUR

Inch

Semi-Tubular Rivets

Pouce

Rivets semi-tubulaires

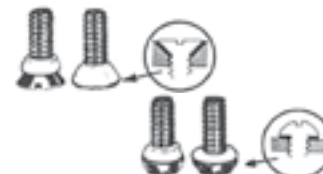
Aluminum Alloy No. 1100-F (2-S)				TUBULAR ALUMINUM RIVETS					PKG QTY. 100
SPAENAUR No.	Dia. x Lgth.	Head Style	Head Dia.	SPAENAUR No.	Dia. x Lgth.	Head Style	Head Dia.		
Truss Head				Oval Head					
B-1783	1/8" x 1/4"	Truss	7/32"	286-057	5/64" x 5/32"	Oval	9/64"		
B-1703	9/64" x 9/16"	Truss	5/16"	286-060	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"		
Pan Head				286-W09-1P					
B-1694	1/8" x 5/16"	Pan	7/32"	286-063	1/8" x 3/16"	Oval	7/32"		
Flat Head				286-063					
286-096	9/64" x 7/32"	Flat	5/16"	286-064	1/8" x 3/8"	Oval	7/32"		
Countersunk Head				286-065					
286-W08-1A	1/8" x 5/32"	90° Ctsk.	7/32"	286-067	1/8" x 1/2"	Oval	7/32"		
286-W06-1M	1/8" x 1/2"	150° Ctsk.	1/4"	286-W02-1W	1/8" x 13/32"	Oval	9/32"		
286-050	9/64" x 3/16"	150° Ctsk.	5/16"	286-W01-1C	1/8" x 5/16"	Oval	5/16"		
RVT-3011	1/4" x 3/4"	150° Ctsk.	3/8"	286-075	9/64" x 5/16"	Oval	5/16"		
Solid Aluminum Rivets shown on page E4.				286-077					
				286-079					
				286-080					
				286-081					
				286-082					
				286-083					
				286-087					
				286-088					
				286-089					
				286-090					
				286-091					
				286-092					
				286-001					
				RVT-3004					
				286-094					
				286-093					



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

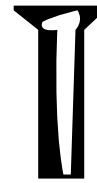
Rivets semi-tubulaires / pour garniture d'embrayage

Pouce

BRASS

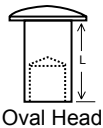
CLUTCH FACING RIVETS

Deep-drilled Tubular

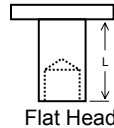


BODY DIAMETER	9/64"	9/64"	9/64"	3/16"	3/16"	1/4"
	SPAENAUR No. Nom. Hd. Dia.	SPAENAUR No. Nom. Hd. Dia.	SPAENAUR No. Nom. Hd. Dia.	SPAENAUR No. Nom. Hd. Dia.	SPAENAUR No. Nom. Hd. Dia.	SPAENAUR No. Nom. Hd. Dia.
LGTH. UNDER HD.	ORDER BY SPAENAUR NUMBERS LISTED BELOW					
5/16"	RVT-544 5/16"		RVT-514 3/8"		RVT-522 3/8"	RVT-528 1/2"
3/8"			RVT-516 3/8"	RVT-523 23/64		
7/16"						
1/2"		RVT-510 19/64"	RVT-517 23/64"	RVT-524 3/8"	RVT-529 1/2"	
9/16"						RVT-537 1/2"
5/8"						
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



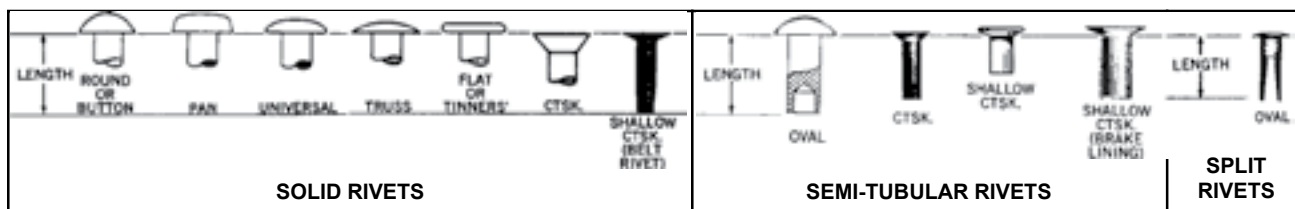
SPAENAUR No.	Dia. x Lgth.	Head Style	Head Dia.
290-012	3/32" x 3/32"	Oval	3/16"
290-013	1/8" x 21/32"	Oval	7/32"
290-014	9/64" x 13/64"	Oval	15/64"
290-015	1/8" x 1/4"	Flat	7/32"

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

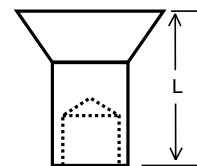
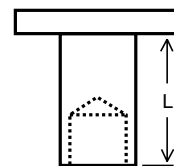
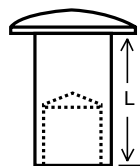
Brass Tubular Rivets

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
Oval Head					...Cont'd.				
288-018	1/16" x 7/64"	Oval	7/64"	Plain	288-040	1/8" x 5/16"	Oval	7/32"	Plain
288-019	1/16" x 9/64"	Oval	7/64"	Plain	288-042	1/8" x 25/64"	Oval	15/64"	Plain
288-020	1/16" x 9/32"	Oval	7/64"	Zinc	288-041	1/8" x 9/16"	Oval	7/32"	Plain
288-021	5/64" x 9/64"	Oval	9/64"	Plain	288-054	1/8" x 21/32"	Oval	7/32"	Plain
288-029	5/64" x 9/64"	Oval	3/16"	Plain	288-055	1/8" x 11/16"	Oval	7/32"	Plain
288-028	5/64" x 5/32"	Oval	3/16"	Nickel	288-044	9/64" x 1/4"	Oval	1/4"	Plain
288-026	5/64" x 7/32"	Oval	9/64"	Nickel	288-043	9/64" x 1/4"	Oval	1/4"	Zinc
288-027	5/64" x 1/8"	Oval	3/16"	Plain	288-045	9/64" x 43/64"	Oval	5/16"	Plain
288-030	3/32" x 3/32"	Oval	3/16"	Plain	288-046	9/64" x 3/4"	Oval	5/16"	Plain
RVT-556	1/8" x 1/8"	Oval	7/32"	Plain	288-047	9/64" x 19/64"	Oval	3/8"	Plain
288-036	1/8" x 5/32"	Oval	7/32"	Nickel	288-056	9/64" x 5/16"	Oval	1/4"	Plain
288-037	1/8" x 3/16"	Oval	7/32"	Plain	288-048	9/64" x 5/16"	Oval	3/8"	Plain
288-039	1/8" x 13/64"	Oval	7/32"	Plain	288-049	9/64" x 21/64"	Oval	3/8"	Plain
288-038	1/8" x 7/32"	Oval	7/32"	Plain	RVT-573	9/64" x 3/8"	Oval	5/16"	Plain
288-034	1/8" x 7/32"	Oval	15/64"	Plain	RVT-574	9/64" x 7/16"	Oval	5/16"	Plain
<i>Oval Head continued next column . . .</i>					288-050	5/32" x 1/4"	Oval	5/16"	Plain
					288-051	3/16" x 1/2"	Oval	5/16"	Nickel
					288-053	3/16" x 7/16"	Oval	3/8"	Plain
					RVT-575	3/16" x 1"	Oval	3/8"	Plain
					RVT-576	1/4" x 3/4"	Oval	1/2"	Plain
					Flat Head				
					288-009	5/64" x 11/64"	Flat	1/8"	Plain
					*288-010	3/16" x 5/16"	Flat	23/64"	Plain
					90° Ctsk. Head				
					288-012	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

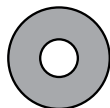
Zinc and Clear Dichromate Finish

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

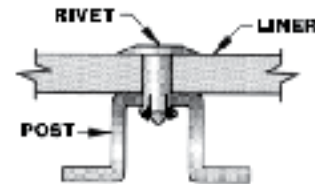
	G GRIP RANGE			L Lgth.	SPAENAUR NUMBERS		
	Nom.	Min.	Max.	Max.	UNIVERSAL HEAD	100° CTSK. HEAD FLUSH HEAD	BRAZIER HEAD
3/16" (4.8 mm) is furnished with Stainless or Aluminum drive pin. Multi-Grip	1/8"	.078"	.172"	9/32"	304-313		304-437
	3/16"	.141"	.234"	11/32"	304-314		304-438
	1/4"	.203"	.297"	13/32"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

E

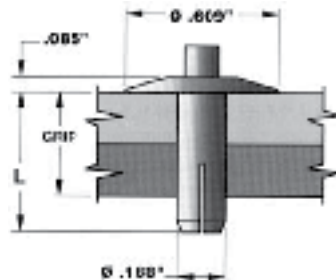
ALUMINUM TRAILER LINER DRIVE RIVETS

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

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