

Inch
Pouce

southco®

Drive Rivets
Rivets à expansion

ALUMINUM

DRIVE PIN – Stainless Steel is being replaced by aluminum pin



METAL TO METAL

METAL TO WOOD

Structural - Self-plugging rivets

- **EASILY INSTALLED**
No special tools required... just a hammer.
- **HIGH SHEAR STRENGTH**
Drive Rivets are plugged the full length of the rivet sleeve, providing full shear strength values for structural or load-bearing applications.

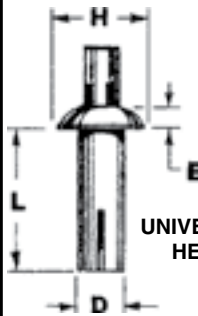
RIVET SIZE SPECIFICATIONS AND HOLE SIZE DATA

(Approximate Metric mm equivalent shown in brackets.)			UNIVERSAL HEAD			BRAZIER HEAD		100° FLUSH HEAD	
NOM. RIVET DIA.	HOLE DIA. FOR THRU HOLE	HOLE DIA. RANGE FOR BLIND HOLE	D RIVET DIA.	H HEAD DIA.	E HEAD THICK.	H HEAD DIA.	E HEAD THICK.	H HEAD DIA.	E HEAD THICK.
1/8 (3.2)	.128 (3.3)	.128-.140 (3.3-3.5)	.125	.250	.054			.216	.042
5/32 (4.0)	.161 (4.0)	.161-.172 (4-4.3)	.156	.312	.067			.278	.055
3/16 (4.8)	.191 (4.9)	.191-.219 (4.9-5.5)	.188	.375	.080	.469	.094	.344	.070-
1/4 (6.4)	.257 (6.5)	.266-.281 (6.7-7)	.250	.500	.107	.625	.125	.458	.095
5/16 (7.9)	.323 (8.2)	.344-.375 (8.7-9.5)	.313	.625	.138			.594	.125
3/8 (9.5)	.386 (9.8)	.437-.468 (11-12)	.375	.750	.166			.718	.156

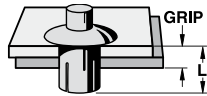
TIPS ON INSTALLATION

1. Measure your total material thickness.
2. Select the correct grip length rivet from tables on the following pages by comparing your total sheet thickness with the MIN. and MAX. values in columns headed GRIP RANGE.

Thru Hole Application

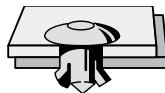


UNIVERSAL HEAD



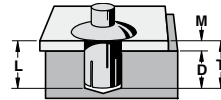
GRIP = total thickness of sheets to be fastened.

3. INSERT A RIVET
Seat head firmly against outer surface.



4. HIT THE PIN
Drive pin flush with rivet head.
Expanding prongs clinch sheets tightly, eliminating gaps.

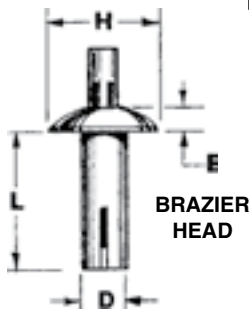
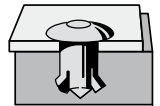
Blind Hole Application



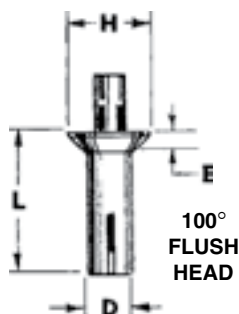
To determine length of rivet under the head: Select a rivet with the L dimension equal to M (Thickness of outer panel) + D (Hole depth in wood or inner panel).

The total hole depth (T) should be at least .06" (2mm) greater than the length of the rivet.

Metal and wood pulled tightly together. Nothing protrudes through wood.




BRAZIER HEAD



100° FLUSH HEAD

ALUMINUM RIVETS with Stainless or Aluminum Pins

Drive Rivets					SPAENAUR No.
D RIVET DIA.	GRIP RANGE			L Lgth. Max.	
	Nom.	Min.	Max.		 UNIVERSAL HEAD
1/8" (3.2) Standard Grip	3/32"	.078"	.109"	3/16"	304-K02-1P 304-K01-1A
	5/32"	.140"	.171"	1/4"	
	3/16"	.172"	.203"	9/32"	304-303
5/32" (4.0) Standard Grip	1/8"	.109"	.141"	1/4"	304-306
	7/32"	.203"	.234"	11/32"	304-309 304-310
	1/4"	.234"	.266"	3/8"	
	5/16" 3/8"	.297" .359"	.328" .391"	7/16" 1/2"	304-311 304-312

PKG QTY. 500

Continues on Next Page

Drive Rivets

Rivets à expansion



Inch

Pouce

ALUMINUM Drive Rivets

PKG QTY. 500

Cont'd. from previous page.

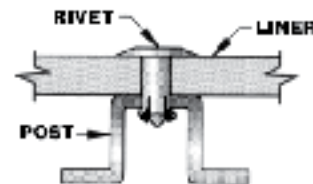
SPAENAUR NUMBERS

	G GRIP RANGE			L Lgth. Max.	SPAENAUR NUMBERS		
	Nom.	Min.	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

ALUMINUM TRAILER LINER DRIVE RIVETS

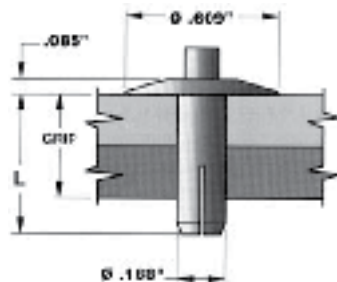
with aluminum drive pin

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 Max. Lgth.	SPAENAUR No.
	Min.	Max.		
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.