## **TINNERMAN NUTS & BODY WASHERS** 100 Degree SELECTION CHART

E-Mail: sales@asapspares.com.au



**TINNERMAN SPEED NUTS** 

Our Part Number	TYPE B SCREW SIZE	DESIGN VARIANT	PANEL THICKNESS RANGE	``A″ LENGHT	<sup>"</sup> В″ WIDTH	"C" MAX CENTRE OF HOLE TO EDGE	"G" PANEL HOLE DIA	"T" MATERIAL THICKNESS	Stocked
A1784-6Z1D	#6	E	.025051	0.610	0.440	0.281	0.250	0.025	*
A1785-6Z1D	#6	E	.025064	0.840	0.440	0.500	0.281	0.025	*
D1274-8-1	#8	DEH	.025032	0.500	0.500	0.250	0.281	0.028	
A1789-8Z1D	#8	E	.025051	0.610	0.440	0.281	0.250	0.028	*
A1787-8Z1D	#8	E	.025064	0.840	0.440	0.500	0.281	0.028	*
A1788-8Z1D	#8	AE	.025064	0.840	0.440	0.500	0.170	0.028	
A1348-8Z1D	#8	AE	.025064	0.730	0.500	0.343	0.170	0.028	
A1932-8Z1D	#8	ΒE	.032051	0.580	0.500	0.265	0.343	0.025	
A1786-8Z1D	#8	СЕН	.040051	0.530	0.500	0.218	0.250	0.028	
A1350-10Z1D	#10	AE	.025064	0.730	0.500	0.343	0.218	0.031	
A1787-10Z1D	#10	E	.025064	0.840	0.440	0.500	0.281	0.031	*
A1758-10Z1D	#10	E	.081094	0.620	0.440	0.281	0.281	0.031	



OWER LEG





IMPRESSION TURNED 90"

All measurements are Imperial.

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#### TINNERMAN SPEED NUTS (NAS446) FLAT TYPE

Used to replace threaded nuts, lock washers, and spanner washers; weigh less than other types of self-locking aircraft fasteners. Can be applied faster, easier, and are vibration resistant. Provide maximum holding power at minimum cost per fastener. Turned-up ends prevent scoring of surfaces. Use with type B tapping screws.

Our Part Number	TYPE B SCREW SIZE	LENGTH	WIDTH	MATERIAL THICKNESS	Stocked
A1776-4Z1D	#4	.500	.310	.022	*
A1181-6Z1D	#6	.510	.310	.025	
A1777-6Z1D	#6	.630	.440	.025	*
A1778-8Z1D	#8	.630	.440	.028	*
A1779-10Z1D	#10	.880	.500	.028	*



#### **Anchor Type**

Riveted or welded in position. Attach access plates, doors or any part that must be fastened securely, yet easily removed with fasteners retained in a blind location. Install with MS20426AD3-Dash length to suit.

Our Part Number	TYPE B SCREW SIZE	DESIGN VARIATION	"H" hole Diameter	MATERIAL THICKNESS	Stocked
A6191-6Z1D	#6				*
A6191-8Z1D	#8		.105	.028	*
A6195-6Z1D	#6	A	.105	.025	*
A6195-8Z1D	#8	A	.105	.028	*

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## TINNERMAN NUTS & BODY WASHERS 100 Degree SELECTION CHART

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#### 100 Degree TINNERMAN WASHERS

No. 8 Tinnerman style washer with the same O.D. as a # 10 (0.75). Great for those oversize holes in fairings. Unlike the No. 10 washer with a No. 8 screw, these washers will tighten down on the fairing (not bottom out on the cone) thus providing the proper "clamp up" between the fastener and the fairing.

The G-8 washers are Made in the USA from 304 (1/2 hard) Stainless Steel and are machine tumbled for a shiny finish.

	Description	Our Part Number	Stocked
	G-8 TINNERMAN WASHER	04-01989	*

#### Countersunk Washers (Structural)

Use with 100° flat head screws to provide reinforced, low-profile attachments.

	Size	Material Type	Our Part Number	Stocked
	6	Steel Cad plated	NAS1169-6	*
	8	Steel Cad plated	NAS1169-8	*
	10	Steel Cad plated	NAS1169-10	*
6	6	Stainless Steel	NAS1169C6	*
	6	Stainless Steel (Thin)	NAS1169C6L	*
	8	Stainless Steel	NAS1169C8	*
	8	Stainless Steel (Thin)	NAS1169C8L	*
	10	Stainless Steel	NAS1169C10	*
	10	Stainless Steel (Thin)	NAS1169C10L	*
	1/4″	Stainless Steel (Thin)	NAS1169C416L	*

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## TINNERMAN NUTS & BODY WASHERS 100 Degree SELECTION CHART

#### E-Mail: sales@asapspares.com.au

#### 100° Countersunk Fairing Washers. (non structural)

For use with 100° flat-head screws to provide reinforced, low-profile attachments. Made of spring steel.



Our Part Number	Size	Inner Diameter	Outer Diameter	Thickness	Stocked
A3236-012-193	#6	.140"147"	.500"	.012"	*
A3135-017-193	#8	.171"	.562"	.017"	*
A3235-020-24A	#10	.196"	.750"	.020"	*

All measurements are Imperial.

\*Carried on shelf

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