

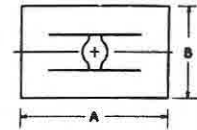
TINNERMAN *Speed Nut*[®] FASTENERS

FLAT TYPE

The Flat Type Speed Nut is the basic design from which thousands of Speed Nut brand fasteners have been developed.

Flat Type Speed Nuts replace threaded nuts and lock washers; weigh less than other types of self-locking fasteners. They can be applied faster, easier, and are vibration resistant. Turned-up ends on Flat Type Speed Nuts prevent scoring of surfaces.

-1 Finish: Phosphate and 3 coats phenolic paint, baked.



FOR SHEET METAL SCREWS

PART NUMBER	SCREW SIZE	A LENGTH	B WIDTH
A1776-4Z-1	4	.500	.310
A1181-6Z-1	6	.510	.310
A1777-6Z-1	6	.630	.440
A1778-8Z-1	8	.630	.440
A1779-10Z-1	10	.880	.500

FOR MACHINE SCREWS

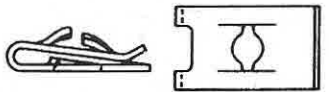
PART NUMBER	SCREW SIZE
A105-440-1	4-40
A1321-632-1	6-32
A1322-832-1	8-32

"U" TYPE

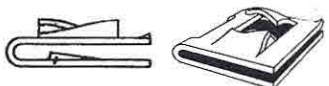
FOR SHEET METAL SCREWS



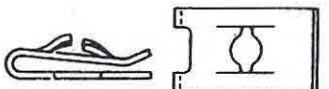
VARIATION 1
Partial Extrusion
Straight Upper Leg
Turned-up Corner



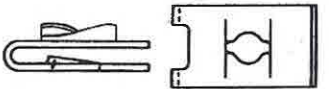
VARIATION 2
Partial Extrusion
Bent Upper Leg
Relief Notch



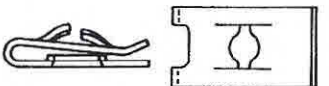
VARIATION 3
Partial Extrusion
Straight Upper Leg
Turned-up Corner
Relief Notch
90° Impression



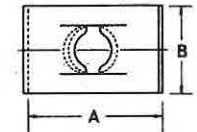
VARIATION 4
No Extrusion
Bent Upper Leg
Relief Notch



VARIATION 5
Partial Extrusion
Straight Upper Leg
Relief Notch
90° Impression



VARIATION 6
Full Extrusion
Bent Upper Leg
Relief Notch



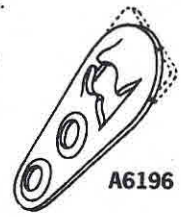
Self-retaining "U" Type press easily into locked-on position over panel edges. They hold themselves in a screw-receiving position and are ideally suited for blind assembly or hard-to-reach locations. This basic design is stocked in a number of variations as indicated below. To order, use Tinnerman part number.

TINNERMAN PART NUMBER	NAS PART NUMBER	SCREW SIZE	DESIGN VARIATION	PANEL THICKNESS	A LENGTH	B WIDTH
A6187-4Z-1	395-1	4	1	.025—.032	.375	.312
A1784-6Z-1	395-6	6	2	.025—.051	.640	.437
A1785-6Z-1	395-7	6	2	.025—.064	.843	.437
A6052-6Z-1	395-3	6		.032—.040	.468	.500
A1274-8Z-1	395-14	8	3	.025—.032	.500	.500
A1348-8Z-1	395-17	8	4	.025—.064	.750	.500
A1786-8Z-1	395-12	8	5	.040—.051	.531	.500
A1787-8Z-1	395-18	8	2	.025—.064	.843	.437
A1788-8Z-1	None	8		.025—.064	.843	.437
A1789-8Z-1	395-16	8	2	.025—.051	.640	.437
A1932-8Z-1	396-4	8	6	.032—.051	.593	.500
A1350-10Z-1	395-25	10	4	.025—.064	.750	.500
A1758-10Z-1	395-24	10	2	.081—.094	.640	.437
A1787-10Z-1	None	10	2	.025—.064	.843	.437
A1794-10Z-1	395-23	10		.032—.064	.640	.437

PART NUMBER	SCREW SIZE B or Z	MATERIAL THICKNESS
A6162-8Z-1	8	.028
A6163-8Z-1	8	.028
A6191-8Z-1	8	.028
A6195-6Z-1	6	.025
A6195-8Z-1	8	.028
A6196-6Z-1	6	.025
A6196-8Z-1	8	.028

ANCHOR SPEED NUTS

For attaching access plates, doors, or any part that must be fastened securely, yet be easily removed with fasteners retained in blind location. Type A6191 is not dimpled for countersunk rivets. All others use 3/32" diameter 100° flat head rivets.



INSTRUMENT MOUNTING NUT

For use with brass 6-32 machine screw on page 5

NAS PART NO.	TINNERMAN PART NO.	PANEL THICKNESS	A
487-13	A8938-632-24J	.062	.437
487-14	A8939-632-24J	.091	.468
487-15	A6939-632-24J	.125	.500
487-16	A8940-632-24J	.187	.562
487-17	A8941-632-24J	.250	.625
487-18	A8942-632-24J	.313	.687
487-20	A8943-632-24J	.375	.750
487-21	A8944-632-24J	.375	.750



Cage-type Speed Nuts permit mounting of aircraft instruments to the front face of the panel. Cage is easily compressed with finger-pressure to allow insertion of legs into clearance holes. When fully inserted from the back of the panel and pressure is released, legs spring apart, retaining speed Nut in screw-receiving position. Turned-down corners hold firm against force of inserting screw and screw-tightening torque. Non-magnetic, conforms to MIL-N-3336. Cadmium Plated per QQ-P-416. Restraining torque is approximately 1/2 inch pound.