Stud Welding Products, Inc.

SOUTHERN CA.
9455 WASHBURN RD.
DOWNEY, CA 90242
(562) 923-7883

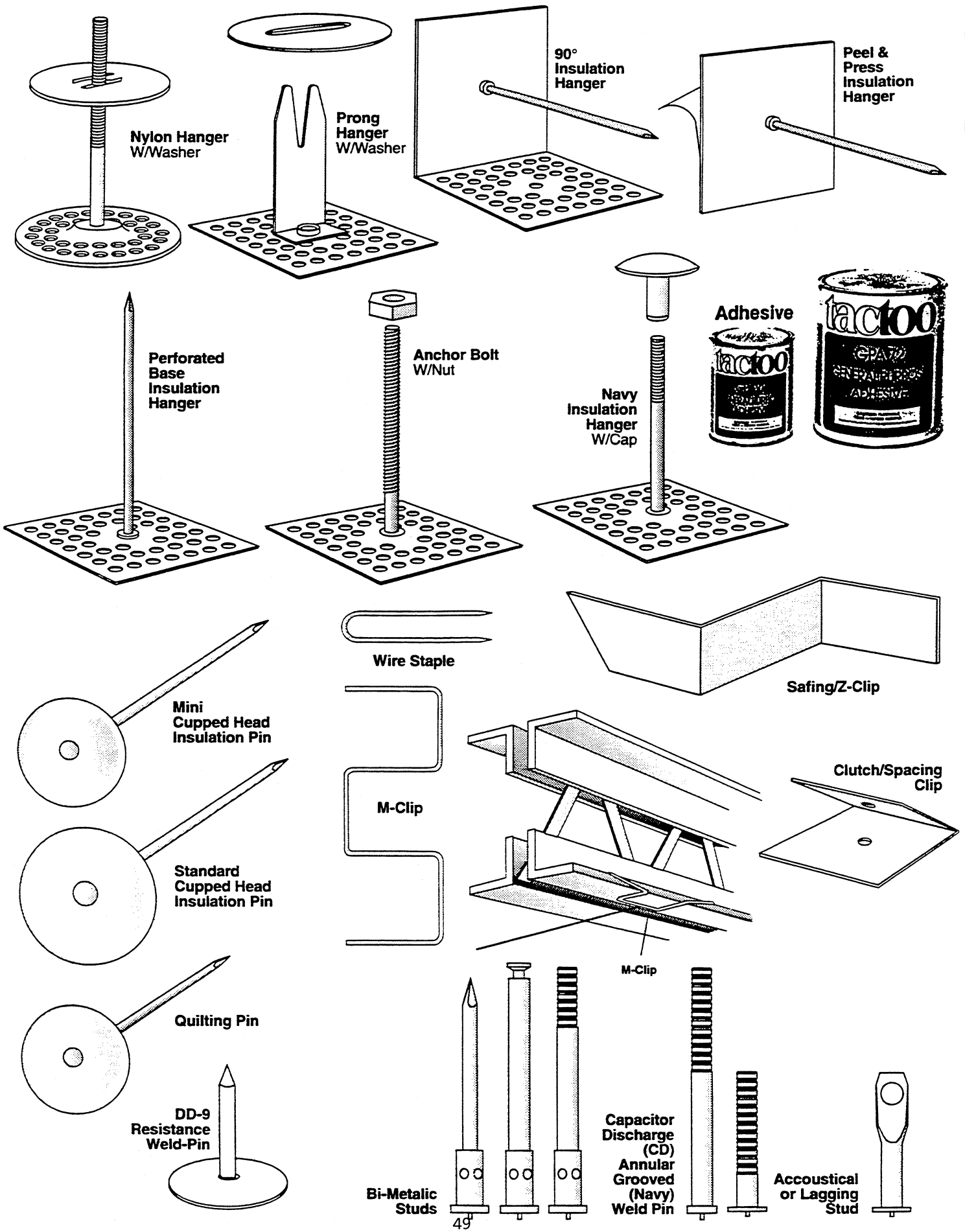
NORTHERN CA.
2391 AMERICAN AVE.
HAYWARD, CA 94545
(510) 782-7883

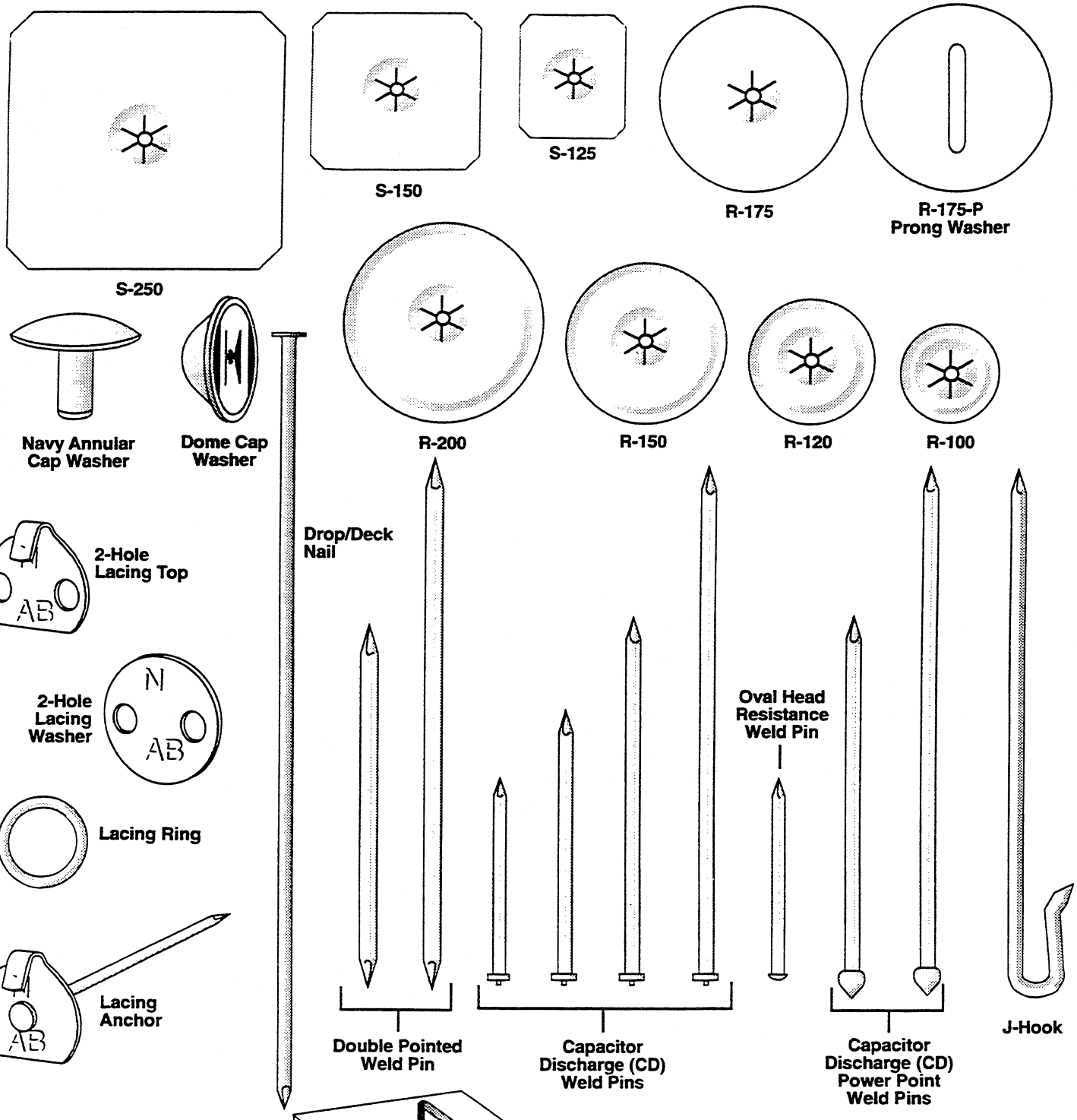
" THE NEW SOURCE FOR INSULATION FASTENERS"

Stud Welding Products, Inc. is California's newest and most complete source for insulation fasteners. With personnel accounting for over 50 years in the stud welding industry, Stud Welding Products, Inc. has field and sales representatives available for technical assistance with your insulation fastening requirements.

In addition to our technical assistance, we offer one of the most complete fastening product lines on the West Coast, stocking quality AGM Industries products.

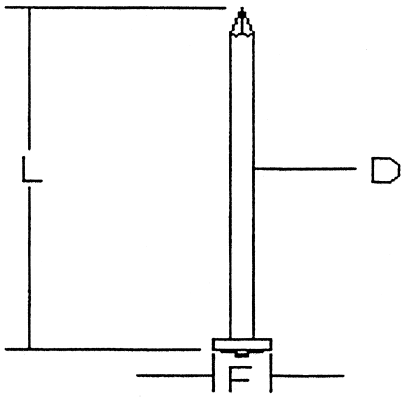
Stud Welding Products takes pride in it's advanced and rapid repair program. We have the capabilities of repairing all makes and models of pin welders to assure you minimal coasts and down time.


Nylon Hanger
W/Washer
Prong
Hanger
W/Washer
90°
Insulation
Hanger
Peel &
Press
Insulation
Hanger
Perforated
Base
Insulation
Hanger
Anchor Bolt
W/Nut
Navy
Insulation
Hanger
W/Cap
Adhesive
Wire Staple
Safing/Z-Clip
Mini
Cupped Head
Insulation Pin
M-Clip
Clutch/Spacing
Clip
Standard
Cupped Head
Insulation Pin
M-Clip
Quilting Pin
DD-9
Resistance
Weld-Pin
Bi-Metalic
Studs
Capacitor
Discharge
(CD)
Annular
Grooved
(Navy)
Weld Pin
Accoustical
or Lagging
Stud


S-250
S-150
S-125
R-175
R-175-P
Prong Washer
Navy Annular
Cap Washer
Dome Cap
Washer
R-200
R-150
R-120
R-100
2-Hole
Lacing Top
AB
2-Hole
Lacing
Washer
N
AB
Lacing Ring
Lacing
Anchor
AB
Drop/Deck
Nail
Oval Head
Resistance
Weld Pin
Double Pointed
Weld Pin
Capacitor
Discharge (CD)
Weld Pins
Capacitor
Discharge (CD)
Power Point
Weld Pins
J-Hook
CD-250-P
Capacitor Discharge Stud
Welder
CD-250-P

Spec. Sheet CWP-1

WELD PINS
CAPACITOR DISCHARGE



STANDARD INSULATION PINS

SPECIFICATIONS

D	F	LENGTH
12 GA .106	.187	AS REQ'D
10 GA .135	.218	AS REQ'D

MATERIAL — MILD STEEL, TYPE 302HQ STAINLESS STEEL AND ALUMINUM

PLATING — MILD STEEL PINS ARE COPPER PLATED

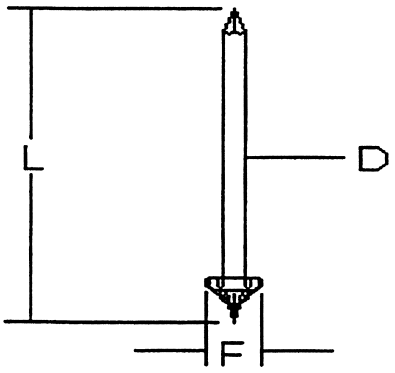
WASHERS — SEE SPEC SHEET SLW-1 FOR VARIOUS TYPES OF STEEL, STAINLESS STEEL, AND ALUMINUM SELF-LOCKING WASHERS.

F.O.B. – Brockton, MA

AGM Industries, Inc.
16 Jonathan Drive, Brockton, MA 02301
Tel: (508)587-3900/800-225-9990 ~Fax: (508)587-3283

Spec. Sheet PB-1

POWERBASE® WELD PINS



POWERBASE® INSULATION PINS

SPECIFICATIONS

D	F	LENGTH
12 GA .106	.165	AS REQ'D
10 GA .135	.188	AS REQ'D

MATERIAL — MILD STEEL AND TYPE 302HQ STAINLESS STEEL

WASHERS — SEE SPEC. SHEET SLW-1 FOR VARIOUS TYPES OF STEEL AND STAINLESS STEEL SELF-LOCKING WASHERS.

NOTE → WE DO NOT RECOMMEND THE USE OF POWERBASE® WELD PINS ON METALS LESS THAN 1/16" THICK.

F.O.B. – Brockton, MA

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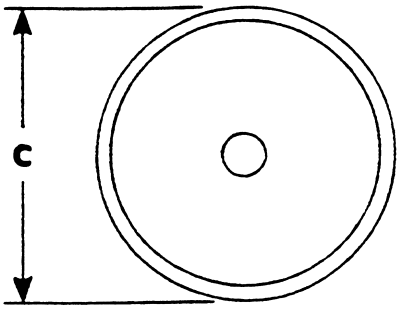
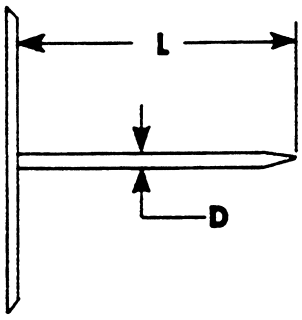
WELD PINS
CUPPED HEAD

CUPPED HEAD & MINI-CUP WELD PINS





PART NO.	D	C	LENGTH
CH-12	.106	1-1/2"	AS REQUIRED
CH-10	.135	1-1/2"	AS REQUIRED
MC-14	.080	1-3/16"	UP TO 2-1/8"
MC-12	.106	1-3/16"	AS REQUIRED

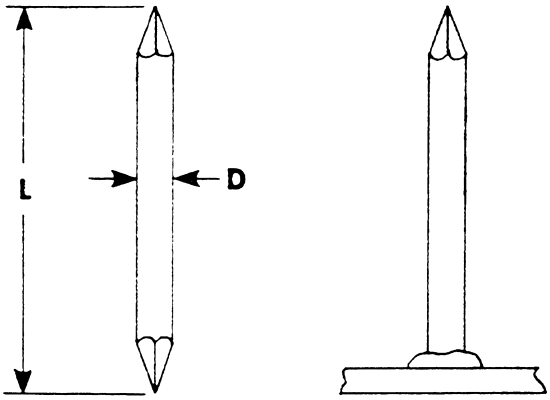
MATERIAL — MILD STEEL. STAINLESS STEEL AVAILABLE ON SPECIAL ORDERS. HEADS ARE GALVANIZED STEEL. SPINDLES ARE PRE-PLATED MILD STEEL.

ANNEALING — ALL PINS ARE ANNEALED.

PINS ALSO AVAILABLE INSULATED FOR WELDING THROUGH FOIL-FACED INSULATION MATERIALS.

Spec. Sheet No. AWP-1

WELD PINS
ARC TYPE

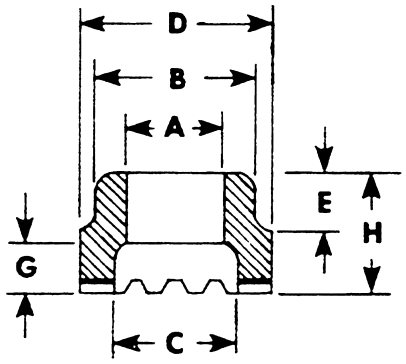


DOUBLE POINTED INSULATION PINS

SPECIFICATIONS

D	LENGTH	FERR.
10GA .135	AS REQ'D	F-135

MATERIAL	MILD STEEL AND TYPE 302 STAINLESS STEEL
PLATING	MILD STEEL PINS ARE COPPER PLATED
ANNEALING	ALL PINS ARE ANNEALED
WASHERS	SEE SELF-LOCKING WASHER SHEETS FOR VARIOUS TYPES OF STEEL AND STAINLESS STEEL WASHERS. AVAILABLE IN SIZES UP TO 2-1/2" SQUARE.



ALL ORDERS INCLUDE FERRULES WHICH ARE A COMPONENT OF THE WELD PIN AND ARE NOT SOLD SEPARATELY.

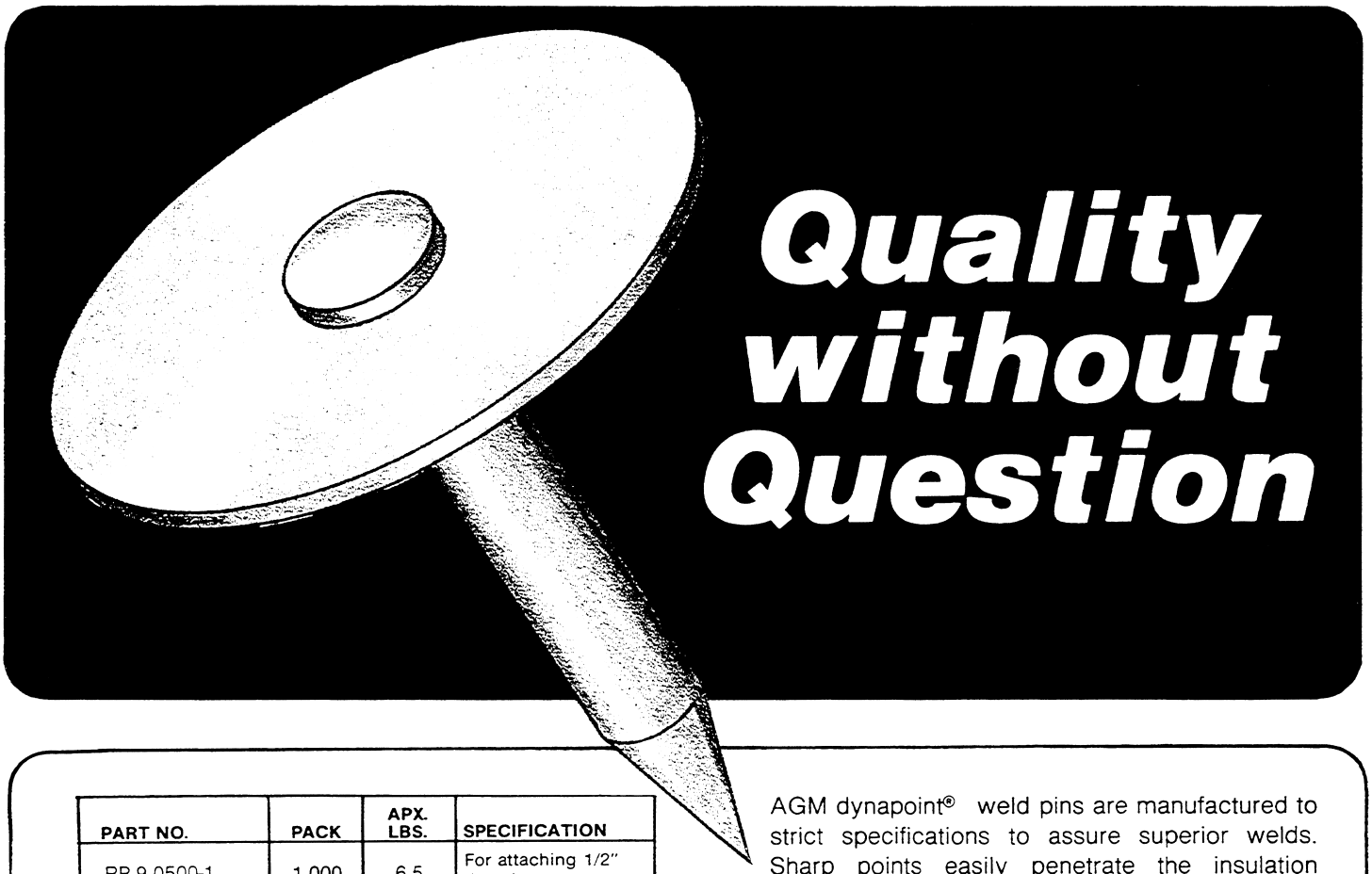
NO	A	B	C	D	E	G	H
F-135	.154	.281	.190	.375	.156	.065	.390

F.O.B. - Canton, MA

TERMS: 1%-10 NET 30

dynapoint® pin

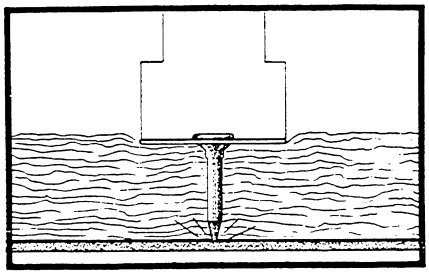
series RP-9



Quality without Question

PART NO.	PACK	APX. LBS.	SPECIFICATION
RP-9-0500-1	1,000	6.5	For attaching 1/2" duct liner to galvanized sheet metal duct.
RP-9-0500-5	5,000	32	
RP-9-0750-1	1,000	7	For attaching 1" duct liner to galvanized sheet metal duct.
RP-9-0750-5	5,000	36	
RP-9-1000-1	1,000	9	For attaching 1" high density insulation materials to galvanized sheet metal duct.
RP-9-1000-5	5,000	44	
RP-9-1500-1	1,000	11	For attaching 1-1/2" or 2" duct liner to galvanized sheet metal duct.
RP-9-1500-3	3,000	33	
RP-9-2000-1	1,000	13	For attaching 2" duct liner to galvanized sheet metal duct.
RP-9-2000-3	3,000	39	

AGM dynapoint® weld pins are manufactured to strict specifications to assure superior welds. Sharp points easily penetrate the insulation without tearing and allow a positive electrical contact with the base material. These pins have been designed for use with manual or automatic resistance type pin welders.



If you are presently using 9 ga. cupped pins in your fabrication shop to insulate sheet metal ducts, then look to AGM as the source for a pin that surpasses those you are presently using.

SEND FOR FREE SAMPLES TODAY AND COMPARE

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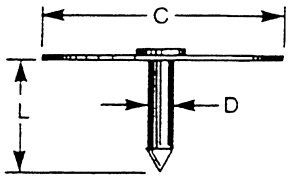
Spec. Sheet No.RP-9

SPECIAL CONFIGURATION PIN DESIGNED FOR
USE WITH RESISTANCE TYPE PIN WELDERS



RESISTANCE TYPE CUPPED WELD PINS		
D	C	L
9 Ga (.148)	1"	1/2" MIN

PART NO.	LENGTH	PACK	WGT/M	RECOMMENDED USE
RP-9-0500-1	1/2"	1M	6.50	For 1/2" Duct Liner
RP-9-0500-5	1/2"	5M	6.50	For 1/2" Duct Liner
RP-9-0750-1	3/4"	1M	7.65	For 1" Duct Liner
RP-9-0750-5	3/4"	5M	7.65	For 1" Duct Liner
RP-9-1000-1	1"	1M	8.65	For 1" High Density Duct Liner
RP-9-1000-5	1"	5M	8.65	For 1" High Density Duct Liner

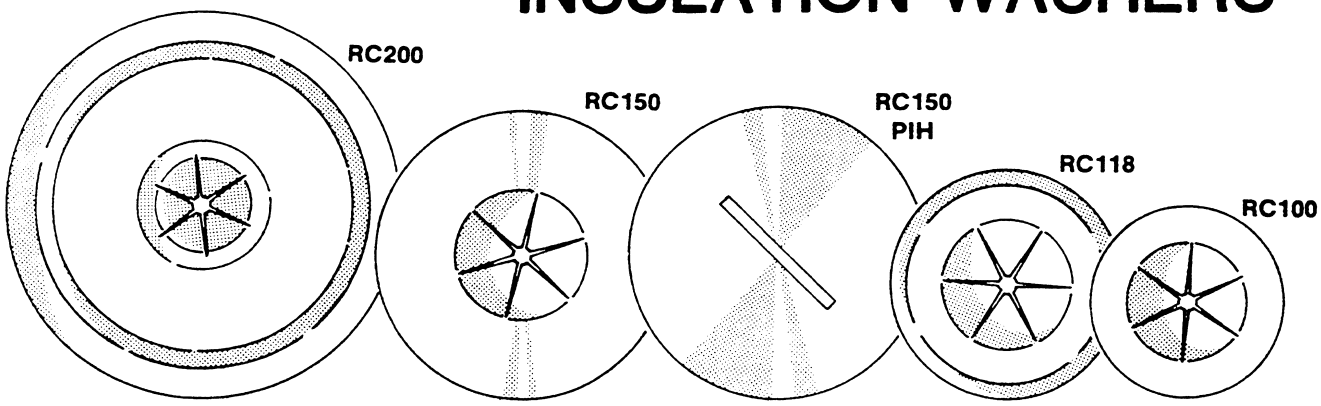
	SPINDLE	WASHER
Material Specification	C 1008	C1008 - C1020
Mechanical Properties	Avail. Upon Request	Avail. Upon Request
Plating	Zinc	Galvanized

Longer lengths are available upon request.

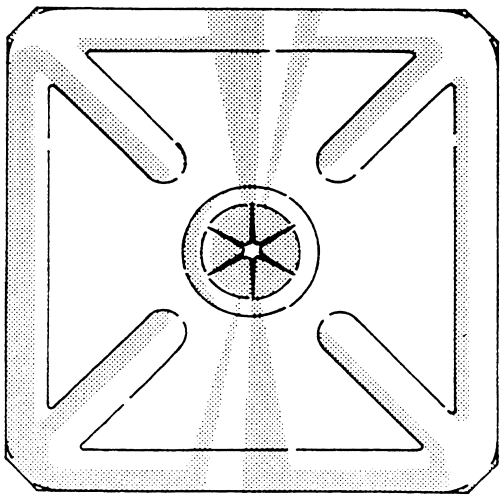
April 1989

Spec. Sheet No. SLW-1

INSULATION WASHERS



style	RC100	RC118	RC150	RC150 PIH	RC200	OC125	SC150	SC250
size/diam.	1"	1-3/16"	1½"	1½"	2"	1⅛"x1¼"	1½"x1½"	2½"x2½"
thickness	.015	.015	.015	.015	.015	.015	.015	.015
finish	GALV	GALV	GALV	GALV	GALV	GALV	GALV	GALV
pack	1,000 5,000	1,000 5,000	1,000 5,000	1,000 5,000	2,000	1,000 5,000	3,000	1,000
approx. wgt/1000	4.2	4.8	8.0	8.0	19.0	6.7	10.3	31.0
other materials	S.S.	S.S.	S.S. ALUM		S.S. ALUM	S.S. ALUM	S.S. ALUM	S.S. ALUM

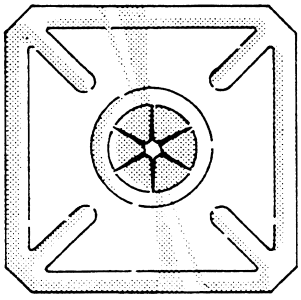


SC250

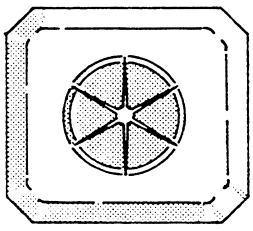
AGM Washers are designed to be used with weld pins, insulation-hangers, lacing anchors, etc. Specify spindle size when ordering.

Special hole sizes are available upon request.

SC250 available .020 thick on special request.



SC150

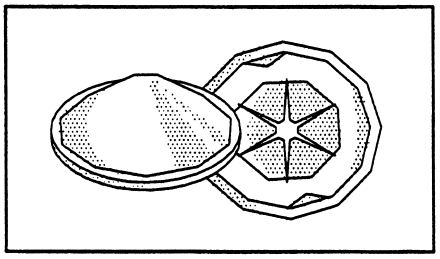


OC125

ALL WASHERS SHOWN ACTUAL SIZE.

SEE WASHER PRICE SHEET FOR MORE DETAILS AND PRICING.

PRICE LIST SLW-4



CAPPED WASHERS

PART NO.	DOME FINISH	WGT/M	PRICE/M
ADC-**	PLAIN ALUMINUM	4.0	114.55
BDC-**	BLACK ALUMINUM	4.0	186.65
SDC-**	STAINLESS STEEL	6.0	222.25
WDC-**	WHITE ALUMINUM	4.0	151.80

SPECIFICATIONS

MATERIAL: ALL CAPS HAVE **STAINLESS STEEL** 10, 12 OR 14 GAUGE SPEED WASHER SECURELY INSERTED INTO THE DOME.

** PLEASE INDICATE GAUGE OF PIN WHEN ORDERING

APPLICATIONS: DOMED CAPS ARE DESIGNED TO BE USED WHERE APPEARANCE AND SAFETY ARE MAJOR CONCERNS. FOR BEST RESULTS, PINS SHOULD BE 1/4" LONGER THAN THE INSULATION THICKNESS.

SEE PAGE 1 FOR PRICING POLICIES, TERMS, AND CONDITIONS.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

F.O.B. BROCKTON, MASSACHUSETTS

WEIGHTS ARE APPROXIMATE AND MAY VARY

SEPT 2001

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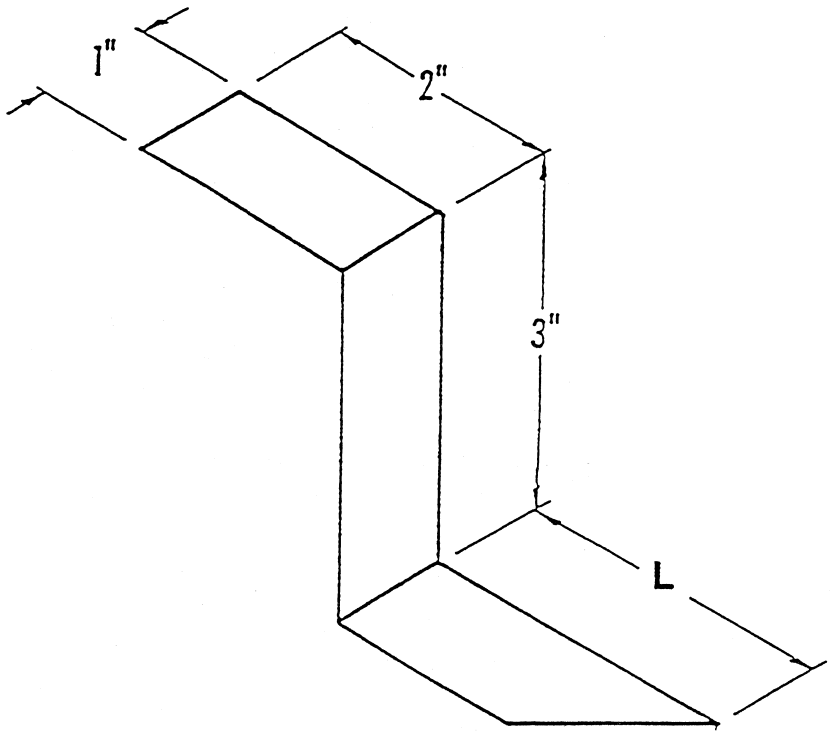
PRICE LIST SIC

SAFING IMPALING CLIP



PART NUMBER	MATERIAL	LENGTH (L)	CARTON WEIGHT	PIECES PER CTN	PRICE PER M
SIC2000	STEEL	2"	37	500	120.55
SIC3000	STEEL	3"	43	500	117.50

WEIGHTS ARE APPROXIMATE AND MAY VARY
SEE PAGE 1 FOR PRICING POLICIES, TERMS & CONDITIONS
F.O.B.: BROCKTON, MA

SEPT 2001

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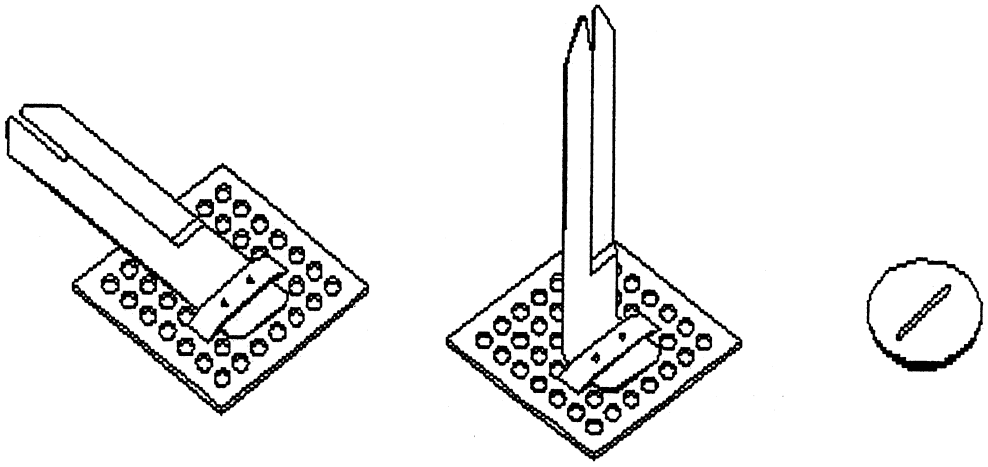
Spec. Sheet PIH

PRONG HANGERS



LENGTH: 2-3/4", for use up to 2" insulation
4-3/4", for use up to 4" insulation

MATERIAL: Galvanized steel perforated plate
Galvanized steel prongs

PACKAGING: 500 pieces per carton

F.O.B. Brockton, MA

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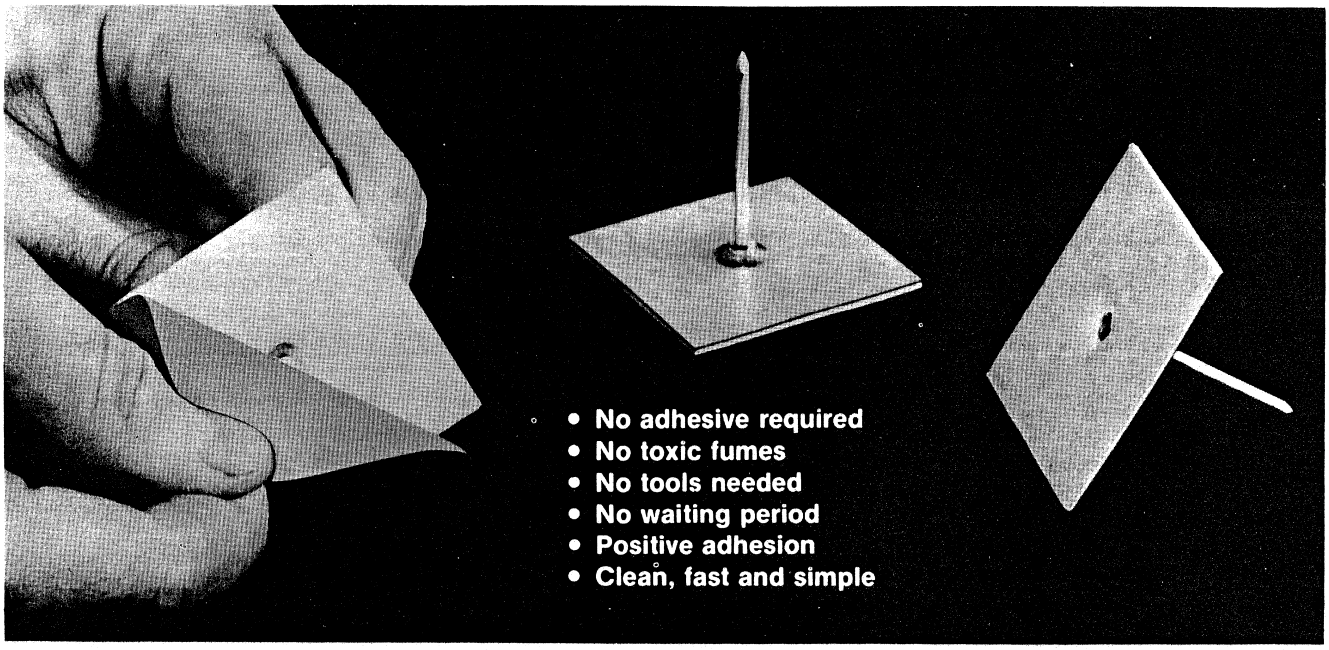
tactoo® SELF-ADHERING Insul-Hangers

series TSA



TACTOO® Self-Adhering Insul-Hangers have 12 ga. (.106"/2.7mm) diameter mild steel spindles with a corrosion resistant coating. The base plate is 2" (51mm) square and is made of galvanized steel with a pre-applied, pressure-sensitive adhesive protected by a release paper. Standard lengths range from 1" (25mm) through 8" (203mm) and are packed 1,000 pieces per carton up to 2-1/2" (64mm); 500 pieces per carton for longer sizes. Other materials (Stainless Steel, Aluminum), packaging (100 packs) and configurations (nibbed) are available on special order. Please see price lists for standard lengths and shipping weights.

A complete line of Self-Locking Washers is available for use with TACTOO® Self-Adhering Insul-Hangers. See Spec. Sheet No. SLW-1 for more details.

Application of hangers is quick and simple. Peel away the release paper, position the hanger and press firmly onto the surface. That's all there is to it! Applying adhesive is eliminated. The most important feature is the time that you will save.

TACTOO® Self-Adhering Insul-Hangers are designed to be applied only to clean, dry, smooth, non-porous surfaces. Due to the nature of adhesives, it is important that the user first read the guidelines issued by AGM. It is the responsibility of the user to determine the suitability of the intended application.

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Toll Free
• Tel: 800-225-9990
• Fax: 800-342-5246

AGM Industries, Inc.

16 Jonathan Drive, Brockton, MA 02301 Tel: 508-587-3900 Fax: 508-587-3283

IMPORTANT NOTICE TO PURCHASER AND ANY USER

WARRANTY DISCLAIMER AND LIMITATIONS

ALL STATEMENTS, RECOMMENDATIONS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE, BUT THE ACCURACY OR COMPLETENESS THEREOF IS NOT GUARANTEED.
THE PURCHASER AND USER AGREE THAT THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR OTHERWISE AND, IN ANY EVENT, THE MANYFACTURER'S AND SELLER'S ONLY OBLIGATION SHALL BE TO REPLACE ONLY THAT PORTION OF THE SHIPMENT PROVED TO BE DEFECTIVE. NEITHER THE MANUFACTURER NOR THE SELLER SHALL BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE APPLICATION, USE OR INABILITY TO USE THIS PRODUCT, WHETHER DUE IN WHOLE OR IN PART TO MANUFACTURER'S NEGLIGENCE, DEFECTIVE MATERIAL OR WORKMANSHIP, DESIGN, OR WHETHER DUE TO ANY OTHER CAUSE. BEFORE ATTEMPTING TO USE THE PRODUCT, THE USER SHOULD DETERMINE ITS SUITABILITY FOR INTENDED APPLICATION AND PURPOSE. THIS DISCLAIMER OF LIABILITY AND LIMITATION OF LIABILITY MAY NOT BE ALTERED EXCEPT BY AGREEMENT SIGNED BY THE OFFICERS OF THE MANUFACTURER AND SELLER.

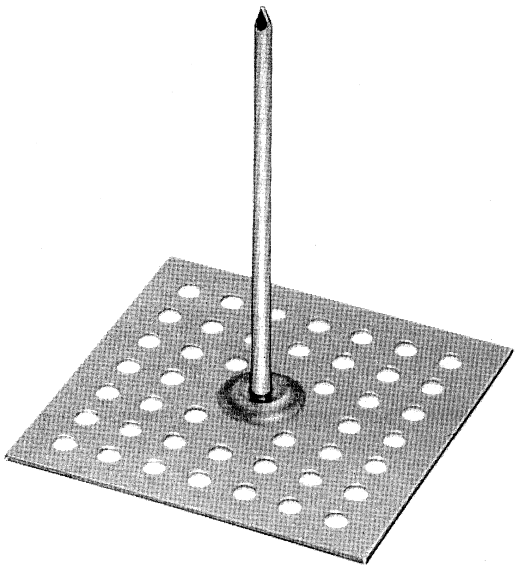
GUIDELINES FOR SELF-ADHERING HANGERS

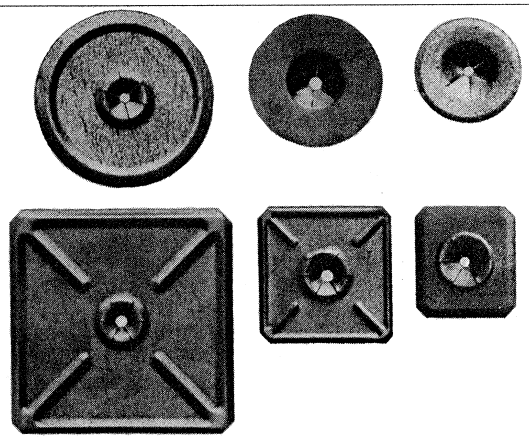
USE: These hangers are designed to mechanically hold insulation material to various surfaces. It is very important for the user to determine the suitability of this product for each application. Discretion must be used in application, and we recommend that the user first perform a test application to satisfy himself of the desirability of using the product for the user's particular purpose.
CAUTION: The user is responsible for determining the suitability of the application. Hangers must be applied to a **clean, dry, non-porous surface** that is **free of all oil, films, dust, rust, etc.** Self-adhering hangers are **not** recommended for concrete or painted surfaces. It is important that they **not be used** where operating temperatures can exceed 150° F at the point of adhesion. Hangers **should not be used** on ceilings or roofs of metal buildings or any surface the reverse side of which may be exposed to heat concentration from sunlight, etc., direct or otherwise. Load per anchor **should not exceed 3 lbs.**
APPLICATION: Best results are obtained when ambient temperature is above 40° F at the time of application. Remove the release paper from the base plate and apply hanger to a suitable **flat** surface. A firm straight, forward pressure should be used. **Do not twist.** Due to the quick-tack nature of the adhesive, it is very important that the release paper **not** be removed until ready to apply the hanger. Insulation may be applied immediately after properly securing the hanger. Hangers should be stored at 75° F and 50% relative humidity. **It is important that stock be rotated.** Shelf life is estimated at 2 years if stored as recommended.

notice to purch.doc

tactoo® Insul-Hangers

series T





Self-Locking Washers
- Complete line stocked in various styles and materials.

TACTOO® Insul-Hangers have 12 ga (.106"/2.7mm) diameter mild steel spindles with a corrosion resistant coating. The perforated base plate is 2" (51 mm) square and is made of galvanized steel. Standard lengths range from 1" (25mm) through 9-1/2" (241mm) and are packed 1,000 pieces per carton up to 2-1/2" (64mm); 500 pieces per carton for longer sizes. 9-1/2" (241mm) are packed 250 pieces per carton. Other materials (Stainless Steel, Aluminum), packaging (100 packs), lengths and configurations (curved base, nibbed) are available on special order. Please see price list for standard lengths and shipping weights.

A complete line of Self-Locking Washers is available for use with TACTOO® Insul-Hangers. See Spec. Sheet No. SLW-1 for more details.

TACTOO® Insul-Hangers are secured with General Purpose Adhesive, especially formulated to bond to metal, masonry and other sound substrates. Surfaces must be clean and dry before adhesive is applied. Some protective coatings are not compatible with adhesives and it is recommended that the user make test bonds before proceeding with the application. Please see AGM Spec. Sheet GPA for more complete information regarding use, application, storage, etc.

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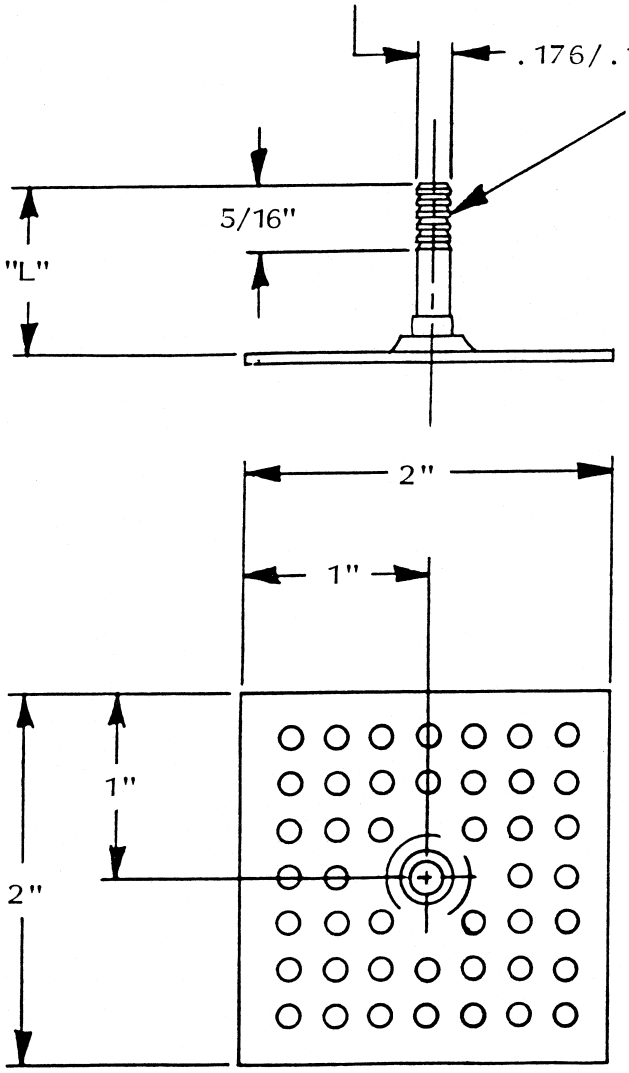
• Fax: 800-342-5246

Spec. Sheet No. TNS

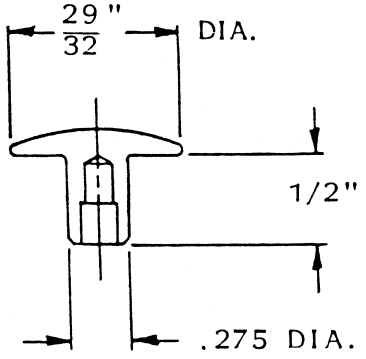
TACTOO® ANNULAR RING INSUL-HANGERS



TACTOO® ANNULAR RING INSUL-HANGERS CAN BE FURNISHED IN ALUMINUM AND STEEL.

VARIOUS STUD LENGTHS CAN BE FURNISHED.

ANNULAR RING DRIVE ON CAPS



ANNULAR RING DRIVE ON CAPS ARE AVAILABLE IN STEEL AND ALUMINUM.

AGM® Industries, Inc.
110 Shawmut Road, Canton, MA 02021 • Tel: (617) 828-4705
Fax: (617) 828-7025 • U.S.A. TOLL FREE FAX 800-342-5246

Spec. Sheet GPA-72

TACTOO® GPA-72
Anchor Adhesive

ASTM E84
Surface Burning Characteristics
APPLIED TO INORGANIC REINFORCED CEMENT BOARD
FLAME SPREAD.....0
SMOKE DEVELOPED.....<5
Rated NFPA Class 1 or A

SPECIAL CHARACTERISTICS:

*Non-slip formula
*Performs in temperatures up to 250°F
*Immediate grab
*Provides excellent water/ mildew resistance

DESCRIPTION:
TACTOO® GPA-72 is a high-strength, heavy-bodied, neoprene rubber adhesive, specifically formulated for adhering anchors for hanging insulation. GPA-72 is also recommended for use as a general purpose construction adhesive in applications requiring a high-strength bond or in applications subjected to high temperatures.

USES:
TACTOO® GPA-72 bonds metal and nylon anchors to metal, concrete or masonry surfaces. Also recommended for installing metal or ceramic wall fixtures in tile applications.

SURFACE PREPARATION:
Surfaces should be clean, dry and free of oil, grease, frost or any other foreign matter that will impair adhesion. Do not use over painted surfaces. Many protective coatings are not compatible with TACTOO® GPA-72. Clean all metal surfaces with 1,1,1, Trichloroethane, Acetone or other degreaser, exercising safe practices as recommended by the manufacturer.

APPLICATION:
Do not apply at temperatures below 30°F. Prepare and install one anchor at a time. Apply a dab (the size of a small walnut) of GPA-72 to the anchor base with a putty knife and immediately press anchor in place with a slight twisting motion (max. open time is 10 minutes). For proper adhesion, insure that the film of adhesive covering the anchor base (after the anchor has been firmly pressed into place) is protruding through the perforated base plate. Application will be dry within approximately 24 – 72 hours, depending on atmospheric conditions. Do not apply load until application is completely dry.

RECOMMENDATION:
When installing metal or ceramic wall fixtures or tile, butter the back with GPA-72 and immediately press in place with a slight twisting motion. Allow 24 – 72 hours before subjecting to use.

Store adhesive at room temperature for at least 24 hours prior to use.

This product is manufactured by TACC International Corporation, formerly Miracle Adhesives.

AGM Industries, Inc.
16 Jonathan Drive, Brockton, MA 02301
Tel: (508)587-3900/800-225-9990 ~Fax: (508)587-3283

Spec. Sheet GPA-72

(CONTINUED)

TYPICAL PHYSICAL PROPERTIES AND TECHNICAL INFORMATION

BASE: Neoprene

SOLVENT: Toluene
COLOR: Dark Green
CONSISTENCY: Heavy Mastic
DO NOT THIN
SOLIDS CONTENT: 38% by weight
WEIGHT/GALLON: 8.2 lbs.
OPEN TIME: 10 minutes

FLAMMABILITY (wet stage): Extremely Flammable
FLASH POINT: 45° F (ASTM D 3278)
WATER RESISTANCE: Excellent
MILDEW RESISTANCE: Resists fungus growth

SERVICE TEMPERATURE: -30°f to 250°F
APPLICATION TEMPERATURE: 30°F to 120°F
STORAGE: Room temperature w/cross Ventilation.
OSHA Class 1B Liquid. Store as per 29 CFR 1910.106

DRY TIME: 48 hours
COVERAGE: 500 - 1000 anchors/gal
THERMAL SHOCK RESISTANCE: Excellent

SHELF LIFE: 12 months
CLEAN-UP: Toluene, exercising safe practices.

WARNING !
FLAMMABLE LIQUID AND VAPOR
VAPOR HARMFUL.

CONTAINS: Toluene
Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation.
NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the content may be harmful or fatal.
PRECAUTIONARY MEASURES: KEEP AWAY FROM HEAT, SPARKS AND FLAME. Vapors may cause a flash fire. Prior to use and until all vapors (odors) are gone: DO NOT smoke; DO NOT use electric switches; DO NOT generate static sparks: EXTINGUISH all flames and pilot lights and TURN OFF all electric and gas appliances, motors and other sources of ignition in work site, nearby rooms and lower floors. Vapors are heavier than air and may travel to such areas. PREVENT build-up of vapors by opening all windows and doors to achieve cross ventilation.
USE ONLY WITH ADEQUATE VENTILATION: To avoid breathing vapors, open windows and doors or use other means to ensure fresh air during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave area. AVOID contact with eyes and skin. DO NOT take internally.
STORAGE/HANDLING: Keep container closed when not removing adhesive. Do not reuse container or transfer adhesive to any other container.
FIRST AID: Inhalation Overexposure - If dizziness or nausea occurs, remove person to fresh air and seek medical attention. **Swallowing** - If swallowed, call Poison Control Center, Hospital Emergency Room or physician immediately. Get medical attention immediately. **Skin contact** - Wash skin thoroughly with warm water and soap.

FOLLOW ALL PRECAUTIONS IN THE WORK AREA AND ALL ADJACENT AREAS. BE SURE THAT ALL PERSONS UNDERSTAND AND FOLLOW ALL PRECAUTIONS. KEEP OUT OF THE REACH OF CHILDREN.

AGM Industries, Inc.
16 Jonathan Drive, Brockton, MA 02301
Tel: (508)587-3900/800-225-9990 ~Fax: (508)587-3283

STUD WELDING PRODUCTS, INC.

STRONG BOND INSULATION HANGER ADHESIVE

STUD WELDING PRODUCTS, INC.

DESCRIPTION

Stud Welding Product's adhesive incorporates a new technologically advances solvent/rubber-based formula that meets stringent California VOC requirements. This adhesive provides excellent adhesion and extrusion in all weather conditions. It offers fast grab and high ultimate bond to wet, frozen, and treated-lumber.

Uses: Bonding all wood-to-wood assemblies dry, wet, or frozen. Bonds metal, plastic, masonry, treated lumber, drywall, ceramic tile, slate, concrete and more.

Specifications: Meets the following APA spec AFG-01:ASTM 03496:AGTM E84 tested Conforms to HUD use of materials bulletin UM-60a

Limitation: Do not use on expanded or extruded polystyrene foam.

DANGER EXTREMELY FLAMMABLE. HARMFUL OR FATAL IS SWALLOWED.

Contains Methyl Acatate, Xylene and Acetone. Prevent build up of vapors. Vapors may cause flesh fire. Use only in areas with cross ventilation. Open all windows and doors during application. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapors. Avoid prolonged or repeated skin contact.

KEEP OUT OF REACH OF CHILDREN

******WARNING:*******

This product may contain a chemical known to the state of California to cause birth defects or reproductive harm.

NOTICE:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

FIRST AID:

In case of eye contact flush immediately with plenty of clean water for at least 15 minutes. For skin wash thoroughly with soap and water. If swallowed do not induce vomiting. Call physician immediately. Over exposure to vapors is irritating to eyes and respiratory tract. May cause headaches, dizziness, and anesthetic. If overcome by vapors remove to fresh air. For additional information please refer to MSDS. For medical emergency call Chemtrec at 1-800-424-8300.

V.O.C <50g/l (3% by weight)
(Less water and exempt solvent)

INGREDIENTS	
RESIN 68131-87-3	ACETONE 67-64-1
Clay 1332-58-7	LIMESTONE 1317-65-3
Xylene 1330-20-7	METHYL ACETATE 79-20-9

Made in the USA

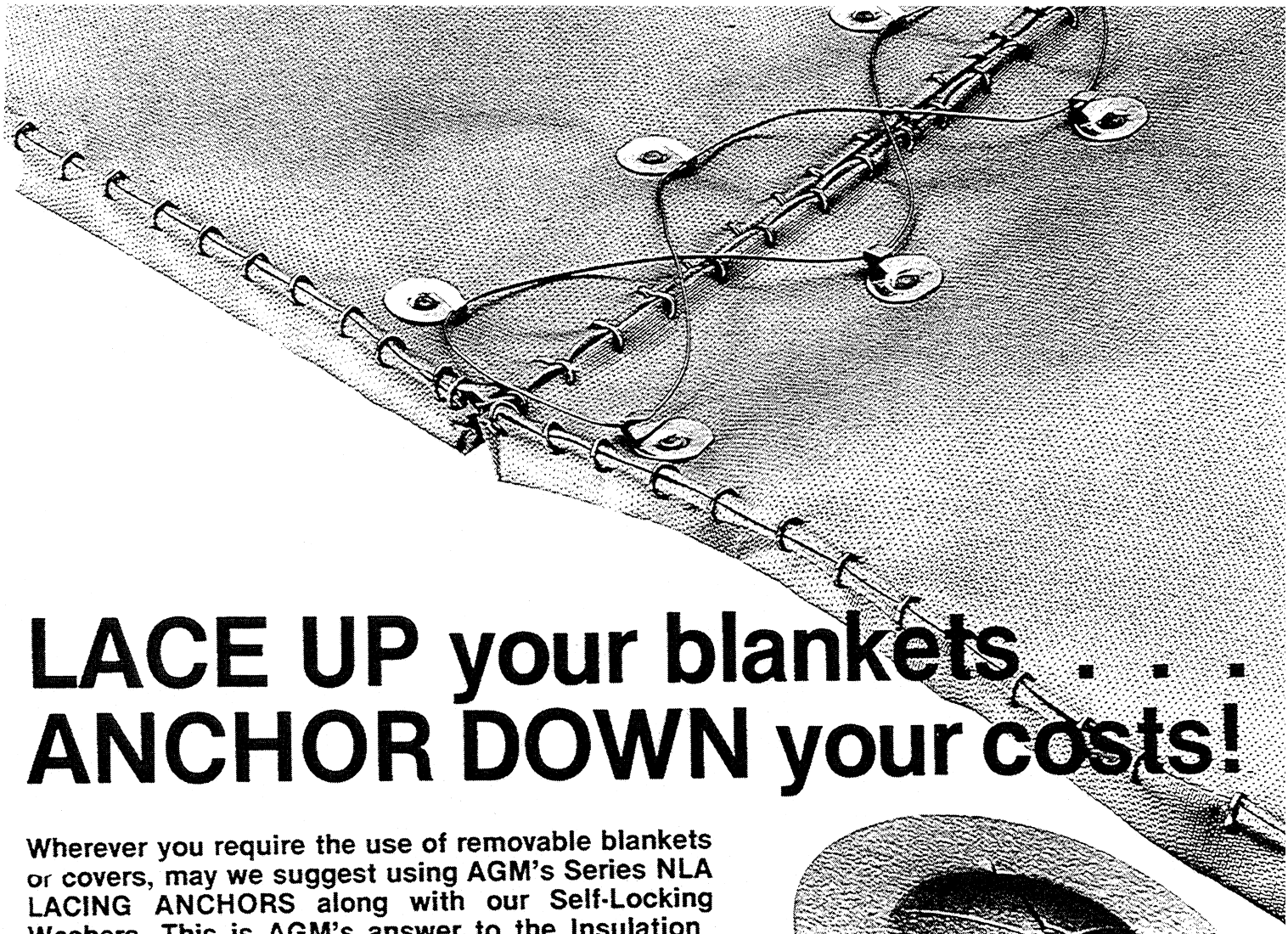
Check us out on the internet www.studweldprod.com or email info@studweldprod.com

Downey, CA
9459 Washburn Rd.
Downey, CA 90242
Phone- 800.252.1919
Fax- 562.862.3022

Hayward, CA
2391 American Ave.
Hayward, CA 94545
Phone- 510.782.7883
Fax- 510.782.7918

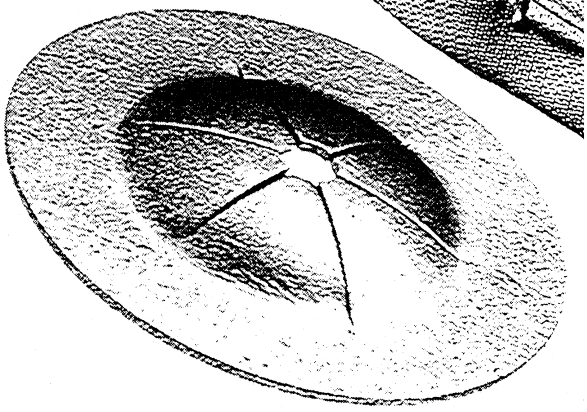
Kent, WA
19038 72nd Ave. South
Kent, WA 98032
Phone- 425.656.9787
Fax- 425.656.9786

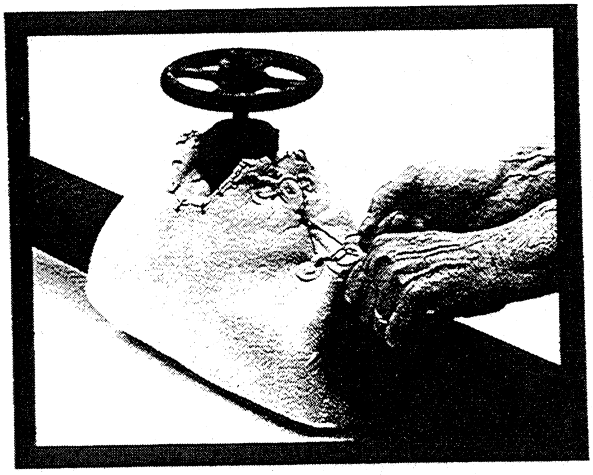
Phoenix, AZ
3535 East Wier Ave., Ste. #4
Phoenix, AZ 85040
Phone- 602.305.9350
Fax- 602.305.4890

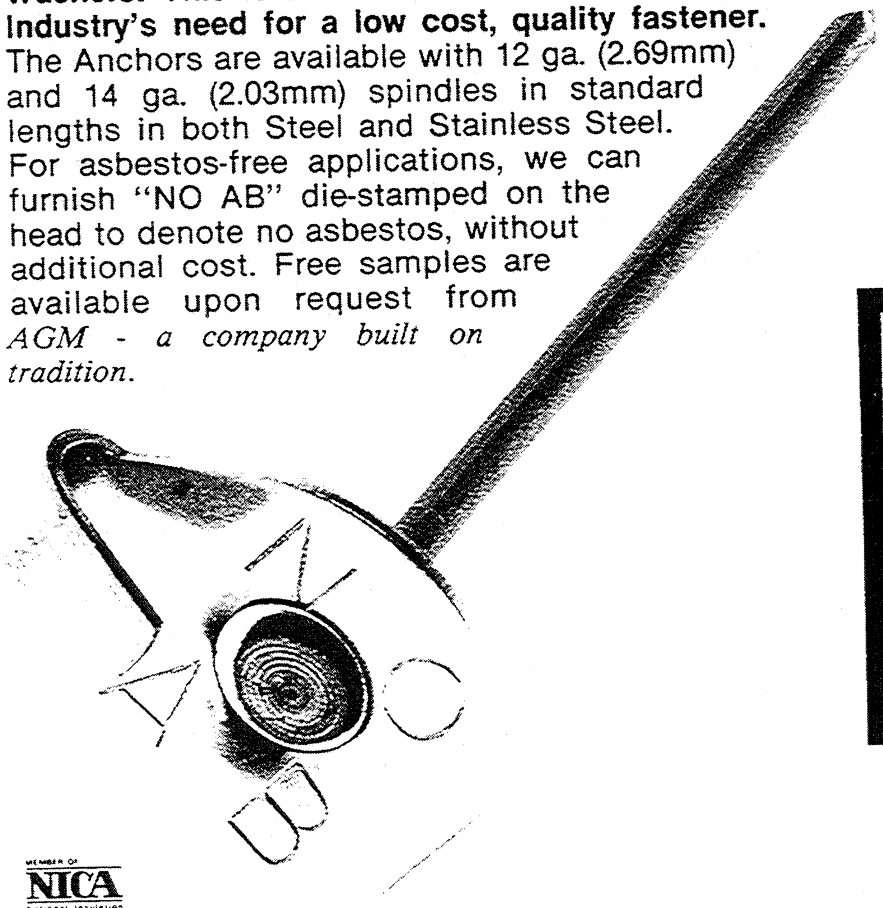


LACE UP your blankets . . . ANCHOR DOWN your costs!

Wherever you require the use of removable blankets or covers, may we suggest using AGM's Series NLA LACING ANCHORS along with our Self-Locking Washers. This is AGM's answer to the Insulation Industry's need for a low cost, quality fastener. The Anchors are available with 12 ga. (2.69mm) and 14 ga. (2.03mm) spindles in standard lengths in both Steel and Stainless Steel. For asbestos-free applications, we can furnish "NO AB" die-stamped on the head to denote no asbestos, without additional cost. Free samples are available upon request from *AGM - a company built on tradition.*



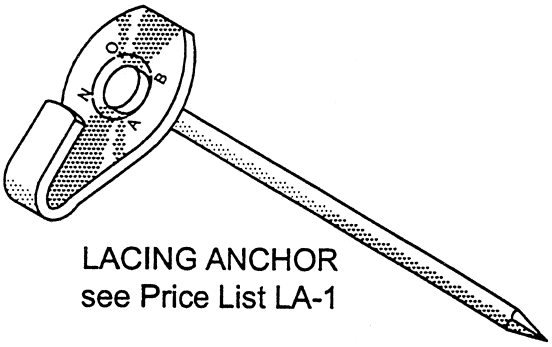




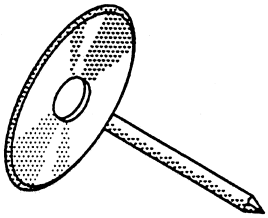
MEMBER OF NICA National Insulation Contractors Association

Litho in USA

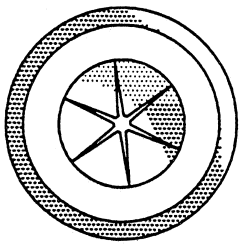
Spec. Sheet LA



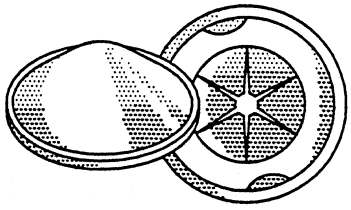
LACING ANCHOR
see Price List LA-1



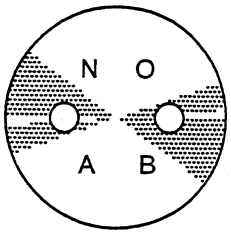
QUILTING PIN
see Price List QP-1



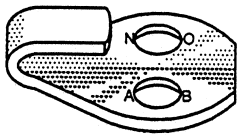
SELF-LOCKING WASHER
see Price List SLW-1, SLW-2 & SLW-3



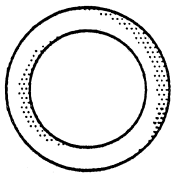
CAPPED SELF-LOCKING WASHER
see Price List SLW-4



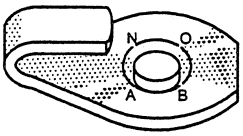
2 HOLE LACING WASHER
see Price List LA-2



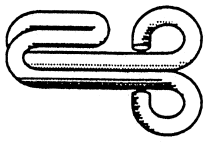
2 HOLE LACING HOOK
see Price List LA-2



LACING RING
see Price List LA-2



1 HOLE LACING HOOK
see Price List LA-2



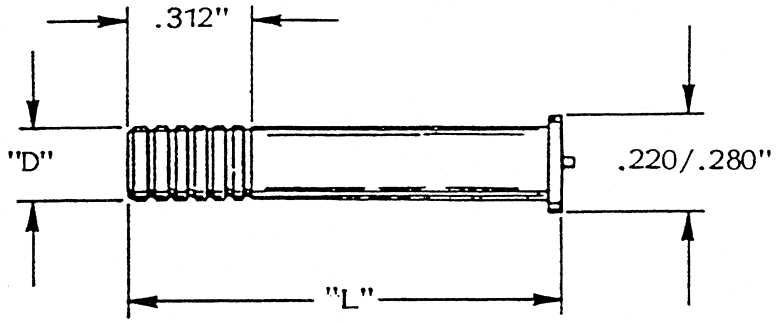
WIRE LACING HOOK
see Price List LA-2

AGM Industries, Inc.

16 Jonathan Drive, Brockton, MA 02301
Tel: (508)587-3900/800-225-9990 Fax: (508)587-3283

Spec. Sheet No. NS-1

ANNULAR RING NAVY STUD



Annular Ring Navy studs are available in both low carbon steel and aluminum. All studs conform to Military specifications as outlined in MIL-S-24149 covering weld studs for Capacitor Discharge (CD) welding.

PART NO.	MATERIAL	"L"	"D"	WGT/M
NS-0875	MILD STEEL	7/8"	.175/.180	6.4
NS-1875	MILD STEEL	1-7/8"	.175/.180	12.9
NS-2875	MILD STEEL	2-7/8"	.175/.180	20.0
NS-3875	MILD STEEL	3-7/8"	.175/.180	28.2
ALNS-0875	ALUMINUM	7/8"	.175/.180	2.2
ALNS-1875	ALUMINUM	1-7/8"	.175/.180	4.7
ALNS-2875	ALUMINUM	2-7/8"	.175/.180	7.5
ALNS-3875	ALUMINUM	3-7/8"	.175/.180	9.9

Special Lengths are available upon request.

All steel studs are copper plated.

Aluminum and Stainless Steel drive-on caps:

Aluminum -------- Part No. ALNC180

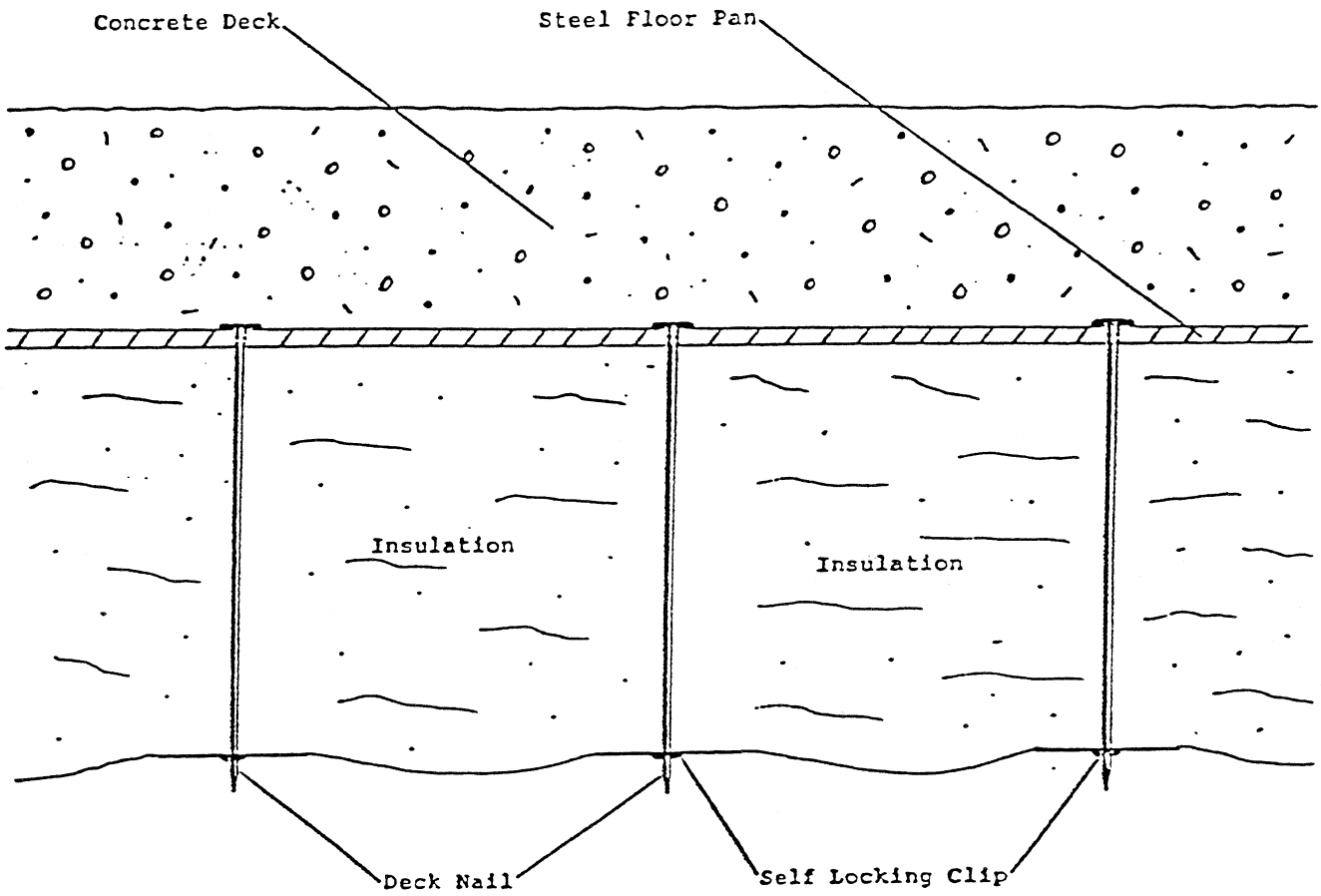
Stainless Steel ---------- Part No. SSNC180

** Stainless Steel Navy Studs are available also; please call for quote.

Feb. 98

DROP/DECK NAIL

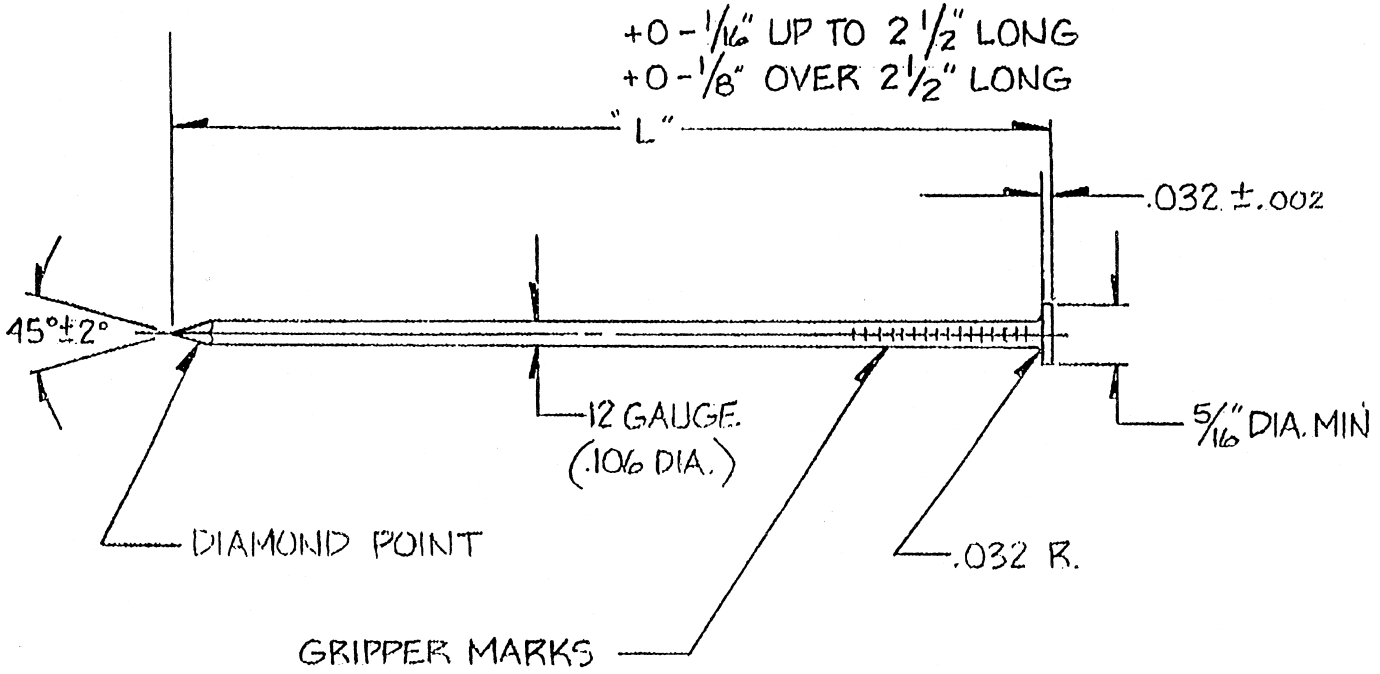
MATERIAL	FINISH	"D"	MIN. "L"	"F"
Low Carbon Steel	Copper coated mild steel	12 GA. (.105)	4"	5/16"



THIS PRODUCT DEVELOPED TO DROP THROUGH THE DECK PAN OF A MULTISTORY STRUCTURE PUT UP DIRECTLY AFTER PAN IS IN PLACE AND BEFORE REINFORCING GRID AND CONCRETE IS INSTALLED.

HIGH LABOR SAVING - AVOIDS ADHESIVE HANGERS OR WELD PINS: CAN BE INSTALLED IN 1/5 OR LESS TIME AS CONVENTIONAL HANGERS OR WELD PINS. AFTER CONCRETE POURED NAIL IS SOLID AND READY

USING A 3/4" OR 1" BAR AT LEAST 4' LONG AND A PUNCH OF .125 PUT INTO ONE END AND SECURED WITH A SET SCREW AN INSTALLER PUNCHES HOLES 12" ON CENTER - ANOTHER MAN FOLLOWS HIM UP AND DROPS THESE NAILS THROUGH THE DECK.



FINISH	PART Nº
NONE	DT-U-"L"000
COPPER *	DT-C-"L"000

WESTERN WELDING SYSTEMS
(A Stud Welding Products, Inc, Co.)
9455 Washburn Road
Downey, CA 90242
800-287-9873

REVISIONS		
A		
G	SK 9.27.91	REDRAWN
H	SK 1.5.93	REMOVED NOTE

TOLERANCES UNLESS INDICATED: DEC. ± .002 FRACT. ± 1/64

USED ON

DO NOT SCALE DRAWING

SCALE FULL

MAT'L. 1008/1010 STEEL

FINISH SEE CHART

DR'N. SK DATE 9·27·91

CH'D. MB DATE 9·30·91

TR'D. DATE

AGM® Industries, Inc.
CANTON, MASSACHUSETTS 02021

PART DROP THROUGH NAIL

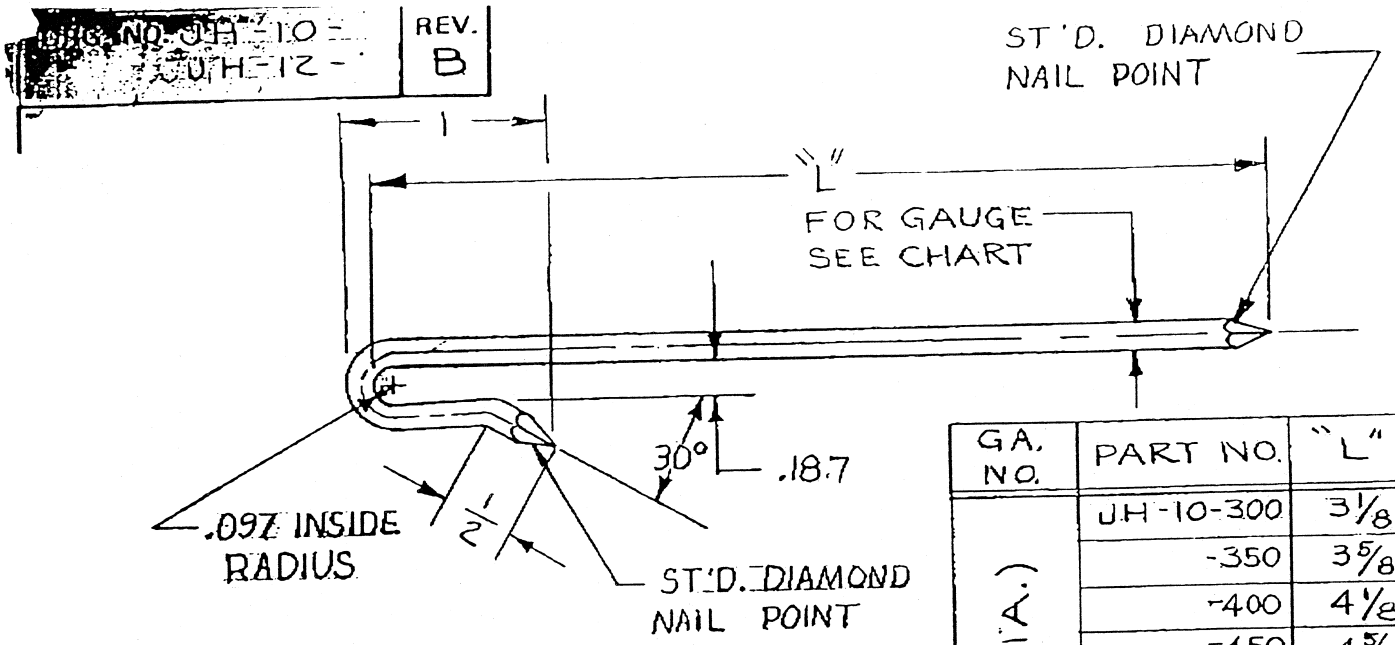
PART NO. A-DT12-

REV. G H

156035
MILLER REPROGRAPHICS CO., INC.

DRG. NO. JH-10-
JH-12-

REV. B



MAT'L: 1010 STEEL
ANNEALED IN PROCESS
PREPLATED WIRE
OR 302 STAINLESS STEEL
(B)

(A)

GA. NO.	PART NO.	"L"	GA. NO.	PART NO.	"L"
10 GAUGE (.135 DIA.)	JH-10-300	3 1/8	12 GAUGE (.106 DIA.)	JH-12-300	3 1/8
	-350	3 5/8		-350	3 5/8
	-400	4 1/8		-400	4 1/8
	-450	4 5/8		-450	4 5/8
	-500	5 1/8		-500	5 1/8
	-550	5 5/8		-550	5 5/8
	-600	6 1/8		-600	6 1/8
	-650	6 5/8		-650	6 5/8
	-700	7 1/8		-700	7 1/8
	-800	8 1/8		-800	8 1/8

REVISIONS		
(A)	1-26-78 R.W.	12 GAUGE ADDED
(B)	9-29-88 M.C.	WAS 304 STAINLESS STEEL

TOLERANCES – ± .002 ON DECIMALS; ± 1/64 ON FRACTIONS UNLESS INDICATED

USED ON:

SAMPLES MUST BE APPROVED BY AGM ENG. DEPT. BEFORE PROCEEDING WITH PRODUCTION.

J - HOOK

MAT'L: SEE NOTE

FINISH: COPPER PLATE

DRAWN R.Y. DATE 8-17-77

CHECKED R.W. DATE 8-17-77

TRACED DATE

SCALE

ENG: APPROV.

AGM Industries, Inc.

CANTON, MASSACHUSETTS 02021

DRG. NO. JH-10-
JH-12-

REV. B