SNAD®

SNap ADhesively attached

YKK USA introduces its expand line of unique an innovative SNAD snap component for industrial users. Unlike the conventional metal scew studs used in many marine and related blind side applications, this product does not require a hole to be made into the substrate to securely attach the snap componnents.

What's even more amazing about the SNAD fasteners is how they are secured in position. On the underside of each part is a pad of 3M™, VHB™ acrylic comformable foam adhesive that enables the snap to be adhered without damaging the urface to whichit is to be attached!

For more than 20 years the VHB™ product line has proven in marine, automotive, medical, aerospace and even architectural applications. In order to bring flexibility, speed, convenience and cost effective attachedments to discriminating industrial users, YKK has adapted its use for out patented SNAD socket and stud designs. Installation is simple. Clean the surface where the snap is to be applied, peel off the protective paper backing, position in place and firmly hold the SNAD socket or stud in place and release. No tools, no splits, no holes!

Applicationsare wherever a conventional screw stud might be used (& quite a few where they cannot) :

- Marine carpeting for decks
- Canvas for decks, bulkheads or panels
- Upholstery cushions and seating
- Use to replace existing screw studs eliminating the need to fill-in the screw hole.
- Use where screw studs are impossible to be used because substrate won't hold a screw in place or cannot be penetrated
- Now as SNAD socket is an equally viable option.

SNAD FASTENER OPTIONS

RIGID DOME

FLEXIBLE BASE

YKK (U.S.A.) Inc.
Snap and Button Products

YKK
Little Parts. Big Difference.®

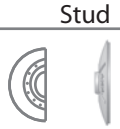
Features:

- Attaches to a variety of high energy surfaces with adhesive. No holes!
- DIY friendly, no tools required for installation
- 3M™, VHB™ Tape adhesive for quick, simple application
- Conformable foam fills in surface " nooks and crannies"
- Automotive grade POM with UV inhibitor
- Components compatible with any brand of Style 2 Snaps meeting Mil Spec 10884
- Versions designed for flat surfaces or curved (convex or concave)
- Flexible base can accommodate layered substrates
- Withstands pressure of 0.6 to 1.0 bar for 5 minutes
- Field tested by marine canvas professionals coast to coast
- Can be engineered with a selection of resins and VHB formulations to meet specific requirements.
- Stud and socket versions available.
- Standard Colors - White and Black - Custom colors are available with volume commitment.

Benefits:

- Provides secure attachments without damaging substrates.
- Misplacement easily corrected
- 25 years of documented performance under various conditions in a variety of applications.
- Conforms to non-slip on panel patterns.
- Work with the snaps you are using now or those on mating components.
- Ensures consistent snap action over repeated use.
- Confidence in using a "revolutionary" snap concept.
- Replace existing screw studs without the extra time and effort required.
- Expands potential for attachments on thin wall construction
- Versatility in appearance and application.
- New design freedom for engineers, designers, and craftmen.

Basic Specifications

Part	Part #	Diameter	O/A Height	Material	Color	Adhesive
Domed Socket 	PG1	40mm 1 9/16"	5.1 mm 7/32"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
Domed Stud 	PG3	PG3 1 9/16"	6.5 mm 1/4"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
Dome Stud 	QW9	25 mm 1"	5.4 mm 7/32"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
Flexible Base Socket 	QR8	25 mm 1"	6 mm 15/64"	SSTL Socket Silicone Body	White Black Gray	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
Flexible Base Stud 	QL7	25 mm 1"	8 mm 5/16"	SSTL Stud Silicone Body	White Black Gray	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray

Design Criteria – For detailed product specifications and applications design criteria see SNAD Technical Brochure at www.ykksnap-america.com/marine

Surface Preparation Instructions and Application Guidelines
Snap component will adhere to most clean, dry and well-unified (high energy) surfaces. Typical surface cleaning solvent is a 50/50 isotropy alcohol (rubbing alcohol) and water mixture.

Application Pressure:
Bond strength is dependent upon the amount of adhesive to surface contact. Firm application pressure develops a better adhesive bond thus improves bond strength.

Application Temperature:
Ideal application temperature is 70 F to 100 F (21 C to 38 C).

Dwell Time:
After application, the bond strength continues to increase and approaches the ultimate bond strength after 72 hours at 10 (21 C). Typical bond strength build up: 20 minutes 50%, one hour 75%, one day 90% and three days 100%.