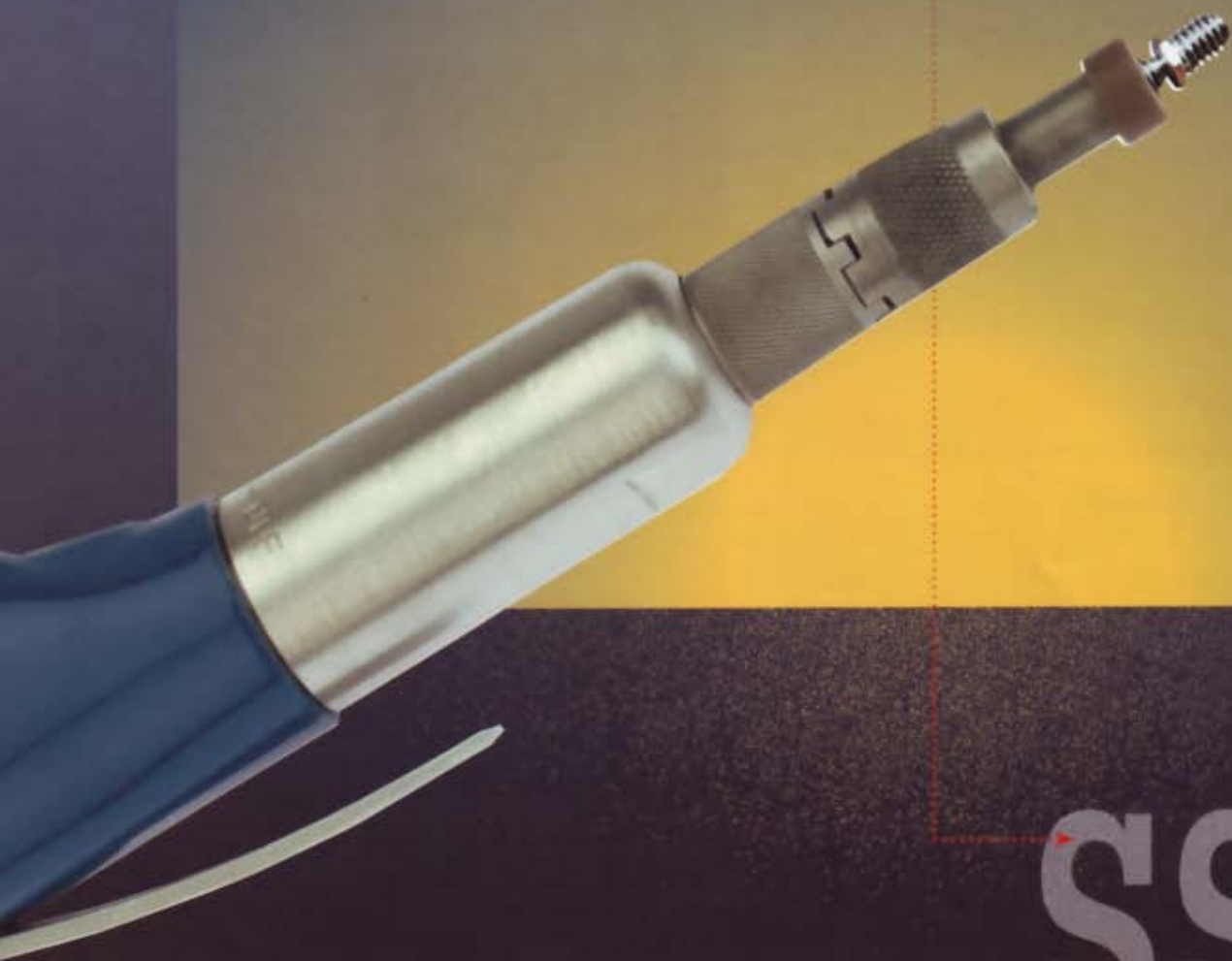


STICKSCREW®

 STICKSCREW®

 SYSTEM

BULLETIN



SST

THE STICKSCREW® SYSTEM

The StickScrew® system offers manufacturers an extremely fast, accurate and efficient method of small screw insertion. The new and improved StickShooter® driver is designed to accommodate interchangeable nose assemblies.

This simple, low cost system combines a lightweight driver and "sticks" of up to 130 per 12" serially connected hex head screws. Simply insert the stick in the driver, advance to the second screw, squeeze the trigger, place the tip of the rotating screw into the hole and the screw is driven home, twisting off cleanly when precise seating torque is reached.

Custom screw designs, finishes, and coatings are available to meet the needs of specific applications.

The StickScrew® system benefits include:

- **Self-contained system.** No expensive tooling, jigs, or fixtures are required.
- **Designed to reduce repetitive motion stress injury.** Eliminates manual driving of screws.
- **Torque reliability.** Seating torque is built into the screw eliminating torque testing and ensuring the assembly is properly fastened.
- **Minimum operator training.** System can be applied to your production line with less than ten minutes training.
- **Inventory control simplified.** No loose or mixed screws. Less shelf space required.
- **Major productivity increase in small screw insertion.** Productivity increases are greater as screw diameters decrease since difficulty in handling loose screws is eliminated.
- **Interchangeable nose assemblies** enable quick tooling changeover for all screw hex sizes.

12" length standard.
Optional up to 24" length.

OPERATION



1) Load - Insert the stick into the back of the driver and advance to the second screw.

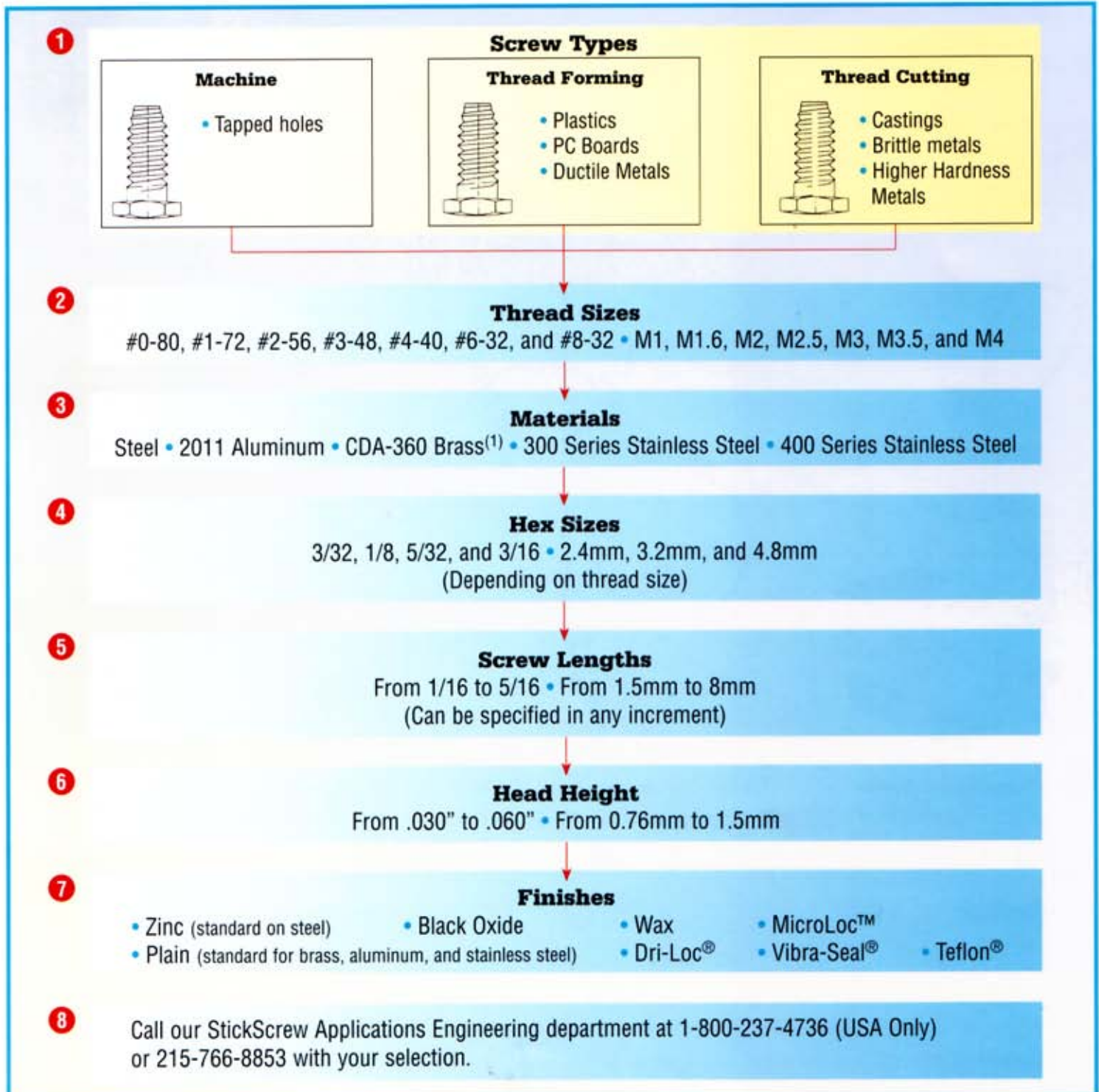
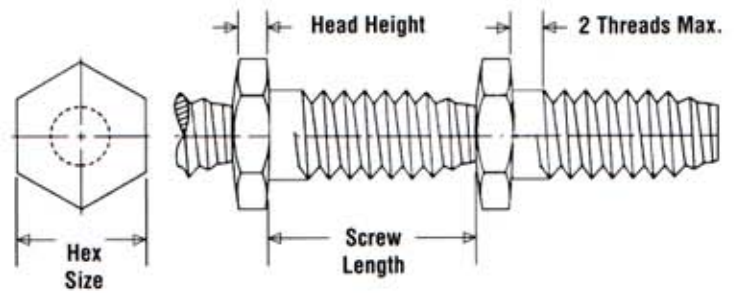


2) Drive - Squeeze the trigger to start the driver. Place the tip of the rotating screw into the hole and the screw is driven home, twisting off cleanly when precise seating torque is reached. The next screw is automatically indexed into the driving position.



STICKSCREW OPTIONS

The following chart lists the available screw options and takes you through the selection process. **1)** Select the screw type, **2)** Select the material, **3)** Select the thread size, **4)** Choose from the hex sizes available for that thread size, **5)** Choose the screw length, **6)** Select the head height, **7)** Choose the finish, and **8)** Call our StickScrew Applications Engineering department at 800-237-4736 (USA Only) or 215-766-8853 with your selection.



(1) Chromate finish is available on brass screws to prevent tarnishing.

Dri-Loc® and Vibra-Seal® are registered trademarks of Loctite Corporation Teflon® is a registered trademark of Dupont.

TOOLS

Our StickShooter air tools are lightweight, ergonomic, and quiet. These tools provide years of reliable operation. If needed, service and parts are available from the factory.

- Trigger activates pneumatic motor.
- Non-marring tip.
- Interchangeable and adjustable nose assemblies.
- IL-2000 operates on 90 P.S.I. using 1/4" air line.



**In-Line StickShooter
Model IL-2000**



Nose assemblies are easily interchangeable

TOOL OPTIONS



StickScrew Robotic System

- Simultaneous control of X, Y, and Z axes.
- Easily programmable with teaching pendant.



In-Line StickShooter Model EL-2000

- Operates on 115/230V 60/50 Hz.



Pistol Grip StickShooter Model PG-2000

- Operates on 90 P.S.I. using 1/4" air line.



StickScrew FlexArm

- Allows a higher level of consistent quality to be maintained.
- Operator can position the driver to the part more accurately.

*Specifications subject to change without notice.
Check our website for the most up-to-date PDF version of this bulletin.*

PennEngineering®



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