BAND-IT®
THE CLAMPING EXPERTS

IDEX CORPORATION

Product & Application FAQ

Question: Which style preformed clamp, Ultra-Lok®, Jr.® Smooth ID, or Center Punch, is best for my hose assembly application?



Center Punch Clamp



BAND-IT Junior Smooth I. D. Clamp



Ultra-Lok Clamp

The World's Leader in Quality Engineered Band Clamping Systems.

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Answer:
BAND-IT offers 3 styles of preformed band clamps in addition to a worm gear style clamps for lighter duty or temporary hose assemblies.

To help make the right choice, first consider the application of the hose assembly.
•What type of hose is being used?
•What's the pressure and temperature rating on the hose?
•What materials will be transferred through the hose?
•What type of fitting will be used?
•What are the service conditions - light or heavy duty?

Advancements in hose technology have resulted as many variables in hose construction as items being transferred within these hoses. Wall thickness, laminated layers, material types and hose fitting barb designs should be considered when choosing the best clamp to meet your needs.

Below is a guide to help you in your decision making.

Guidelines	Good →	Better →	Best
Material corrosion resistance	Galvanized Carbon Steel	Type 201SS	Type 201SS - Type 316SS
Material Strength	Galvanized Carbon Steel	Type 316SS	Type 201SS - 1/4 Hard Type 201SS
Leak Prevention	Center Punch	Junior Smooth ID	SID Ultra-Lok
Clamping Force	Center Punch	Junior Smooth ID	SID Ultra-Lok
Locking Strength	Center Punch	Junior Smooth ID	SID Ultra-Lok
ID Range	Center Punch	Junior Smooth ID	SID Ultra-Lok
Width Range	Center Punch	Junior Smooth ID	SID Ultra-Lok

Hints and Help:

Good Center Punch	**Better** BAND-IT Junior® Smooth ID	**Best** Ultra-Lok®
1. Quick and easy installation.	1. Quick and easy installation.	1. Quick, easy and consistant
2. Good lock by conical tool punch.	2. Easily confirmed, vibration resistant lip lock.	2. Unequaled strength.
3. Two band widths.	3. Smooth Inside Diamter design reduces leak potential.	3. Patented, protected lock design.
4. Two material choices.	4. Five band widths.	4. Locks under full tension.
5. Sizes: 20.6375-203.2 mm max. diameter.	5. Three material choices.	5. Two super high tensile SS band widths.
6. Applied with a choice of two hand operated, manual tools and one air driven production tool, the SM1700.	6. Sizes: 20.6375-203.2 mm max. diameter.	6. Preformed: 38.1-228.6 mm; plus larger length Free-end Clamps.
	7. Applied with a choice of three hand operated, manual tools and two air driven production tools, the S75099 and the S35099.	7. Clamps applied with an electric powered tool and a fully portable battery powered tool.

***CAUTION** – BAND-IT recommends hose assemblies are tested per established industry test methods and tagged for your safety prior to use.*

For More Information or Instruction Manuals, Please Visit www.uespromura.com.au

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