

General Guidelines For Aerosmith Construction Tool & Pin Selection

For Any Given Job:

Select the correct pin for the job.


Select the tool for that pin.

Select the tool components (nose, adapters, magazine).

PIN GUIDE

A. <u>SHANK</u>	<u>MATERIAL TO BE FASTENED</u>	
2.5 (100 series)	Steel-to-Steel	3mm/.118 in. total thickness
	Alum-to-Alum	4mm/.157 in. total thickness
	Wood-to-Steel	3mm/.188 in. total steel
	Wood-to-Alum	4mm/.157 in. total alum.
3.6 (144 series)	Steel-to-Steel	3.1mm/.122 in. up to 8.0mm/.315 in.
	Alum-to-Alum	4.1mm/.161 in. up to 10.0mm/.394 in.
	Wood-to-Steel	8.0mm/.315 in. total steel
	Wood-to-Alum	10.0mm/.394 in. total alum.

Length

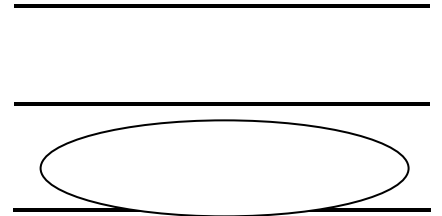
Fastening to steel:	Total thickness of materials to be fastened	_____
	Plus length of pin tip (6mm)	_____
	Plus shank diameter of pin	_____
	Equals total pin length required	

General Guidelines For Construction Tool & Pin Selection (cont.)

Fastening to concrete: Total thickness of materials to be fastened

Plus $\frac{3}{4}$ " to 1"

Equals total pin length required



*Adjust pin length to account for countersink as appropriate.

Tool Guide

- A. **NOSE**: Select the proper nose for the pin diameter and pin length to be utilized. The nose length should allow for the longest pin to be used. In general, the shortest pin used should be no less than one-half (1/2) of the total nose opening.
- B. **ADAPTER**: Select the proper adapter for the types of materials to be fastened.
- C. **MAGAZINE**: Select the proper magazine configuration for the type of pin to be utilized; shank diameter, head, and whether loose, bulk or plastic collated.

**THE ABOVE GUIDELINES ARE ONLY GENERAL.
SPECIFIC JOB CHARACTERISTICS AND SPECIFICATIONS WILL REFINE THE
SELECTION PROCESS.**