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TUBING EXPANDER/SWAGER For 5/16" to 1-5/8" O.D.



60407



With long handles for comfortable leverage, easily expand 5/16" to 1-1/8" O.D. soft copper and aluminum tubing in seconds. Select from nine expander heads to attach to the front of the handles.

- Precise swaging on the job
- Re-round deformed tubes and fittings
- Salvage shorts and scrap to make couplings
- Handles, tapered expanding pin, and other moving surfaces heat treated for durability
- Use on 0.063" wall soft copper and aluminum to 1-5/8" O.D. (anneal hard copper prior to use)
- Use on 0.047" wall soft steel to 7/8" O.D.
- Kit includes six expander heads; three optional sizes sold separately

Sets in case

UPC#	Description
60407	Expander kit with handles; heads for 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8" tubing O.D.; deburring tool, carrying case, instructions
60412	Expander handles
60405	Nut and bolt
60410	Expander handle hinge bolt (9 mm)
60411	Blue case
60427	Steel roller
60429	Drive pin

Expander heads

UPC#	Description	Maximum wall thickness	Swage depth	Segment stretch
60413*	5/16" Expander head	0.039"	0.24"	—
60414	3/8" Expander head	0.039"	0.35"	0.06"
60415	1/2" Expander head	0.047"	0.43"	0.06"
60416	5/8" Expander head	0.047"	0.57"	0.06"
60417	3/4" Expander head	0.047"	0.59"	0.06"
60418	7/8" Expander head	0.047"	0.71"	0.06"
60420	1-1/8" Expander head	0.063"	0.77"	0.90"
60422*	1-3/8" Expander head	0.063"	0.77"	0.90"
60424*	1-5/8" Expander head	0.063"	0.77"	0.90"

* Optional sizes sold separately.

HYDRAULIC TUBE EXPANDER KIT

- Hydraulic power
- Eliminates fittings



60493

PUNCH-TYPE SWAGING TOOL



60475

- Expands one end of copper tubing for connecting same size tubes
- Heat-treated and plated alloy steel
- Made in the USA

Swaging sets

UPC#	Description
60475	Set - 4 piece in pouch for 1/4", 3/8", 1/2" and 5/8"
60476	Set - 5 piece in pouch for 1/4", 5/16", 3/8", 1/2" and 5/8"
60461	Set with clamping bar and 6 punches 3/16" to 5/8"
60462	Clamping bar only



MADE IN THE USA

60460

Single tools

UPC#	Description
60460	Multi-swage punch, 6 sizes 3/16" to 5/8"
60463	3/16" O.D. punch
60464	1/4" O.D. punch
60465	5/16" O.D. punch
60466	3/8" O.D. punch
60467	1/2" O.D. punch
60468	5/8" O.D. punch
60469	3/4" O.D. punch
60470	7/8" O.D. punch

- Lightweight and portable
- Easy one-hand operation

UPC#	Description
60493	Deluxe hydraulic expander kit: heads for 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8" and 1-5/8" tubing O.D.; small cutter, tube reamer, carrying case and instructions
60495	Replacement expander pin 3/8" to 1-5/8"
60498	Replacement case
60499	Replacement grease tube
60413-24	Replacement expander heads (see above)