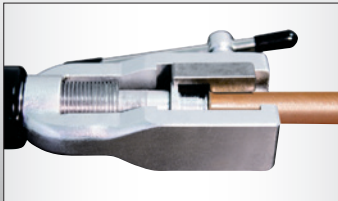
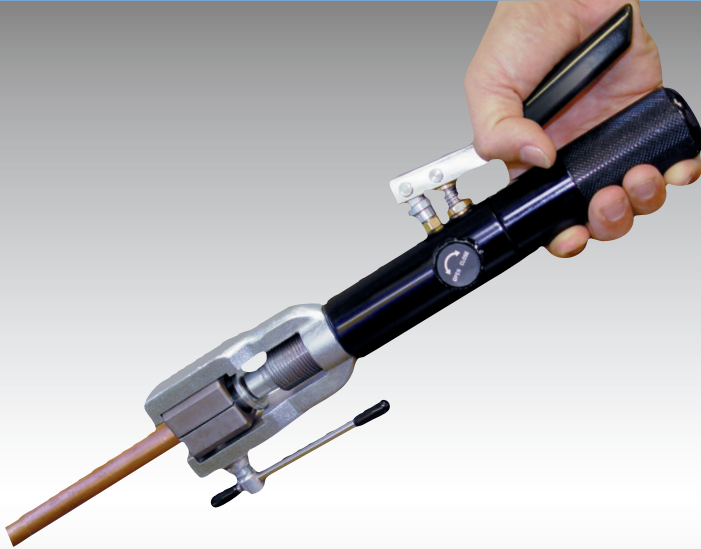


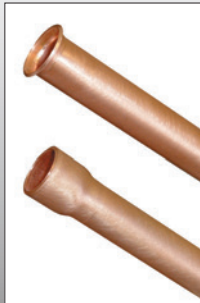


Mastercool[®] Inc.
"World Class Quality"

71700 HYDRAULIC FLARING & SWAGING TOOL



The copper tube is secured in the holding fixture by the forming dies. The hydraulic pump pushes in the forming adapter to fabricate the flare or swage. This cut-away photo shows the forming process.



DEALER DESIGN AWARDS

the **NEWS** | **GOLD**

Mastercool was recognized for excellence in product design in the 13th annual Dealer Design Awards Program sponsored by The Air Conditioning Heating & Refrigeration News magazine. An independent panel of contractors acted as judges in the contest that had 88 entries.

Mastercool's Hydraulic Flaring And Swaging Tool was the **Gold Award Winner** in the Electronic and Hand Tools category. The ACHR News is the leading trade magazine in the heating, ventilating, air conditioning, and refrigeration industries.

This kit features a hand-held hydraulic press that accurately flares & swages copper tubing. Once the die and adapter are secured in the fixture, a few pumps of the handle and you're done! This tool really takes the work out of swaging and flaring, especially on larger tube sizes. The kit includes dies and adapters for flaring and swaging copper tubing sizes 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 and 7/8." Comes in custom molded carrying case.

PATENT# 5,782,128

Kit includes:

- | | |
|---------------------------------------|-----------------------------------------|
| 71700-A Flaring & Swaging Pump | 71700-14 7/8" Swaging Adapter |
| 71700-B Yoke Assembly | 71700-104 1/4" Die Set |
| 71700-PB Plastic Molded Box | 71700-105 5/16" Die Set |
| 71700-01 45° Flaring Cone | 71700-106 3/8" Die Set |
| 71700-04 1/4" Swaging Adapter | 71700-108 1/2" Die Set |
| 71700-05 5/16" Swaging Adapter | 71700-110 5/8" Die Set |
| 71700-06 3/8" Swaging Adapter | 71700-112 3/4" Die Set |
| 71700-08 1/2" Swaging Adapter | 71700-114 7/8" Die Set |
| 71700-10 5/8" Swaging Adapter | 71685 Inner-Outer Reamer |
| 71700-12 3/4" Swaging Adapter | 70087 Steel Brush Thread Cleaner |



PART NO.	DESCRIPTION	FIG NO.
	ADAPTER	A
	DIE BLOCK	B
	YOKE	C
	ALLEN SET SCREW	D
71700-15	PISTON CAP	E
71700-16	SPRING	G
	VALVE ASSEMBLY KIT	H
71500-40K-NEW	NEW VALVE ASSEMBLY KIT WITH .187" SILVER BALL	H1
71500-40K-OLD	OLD VALVE ASSEMBLY KIT WITH .250" SILVER BALL	H2
71700-17-R	PISTON SHAFT	I
71700-18-B0	BACKUP O-RING	J
71700-18-0	O-RING	K
	RESERVOIR COVER	L
71500-001A-1	HANDLE SHAFT ASSEMBLY CAP	N P
71500-52	OIL RESERVOIR O-RING	Q
71200-51	OIL RESERVOIR	R
71201-001A-49	CHECK VALVE (BACK)	S
71201-001A-20	CHECK VALVE (FRONT)	T
71700-Y-T	YOKE "T" HANDLE	U
71500-37B	FRONT PIN	01
71500-37A	BACK PIN	02
71700-A	FLARING & SWAGING PUMP	
71700-B	YOKE ASSEMBLY	
71700-01	45° FLARING CONE	
71700-PB	PLASTIC MOLDED BOX	

71700 PARTS DIAGRAM

