Tube End Spinners

The T-DRILL Tube End Spinners are designed to accept the requirements of a wide range of applications – even the end forming of exceptionally long or complicated, formed tubes common in, for example, ACR, solar panels and mechanical contractor industries. The spinners are fully automatic and suitable for materials such as copper and brass.
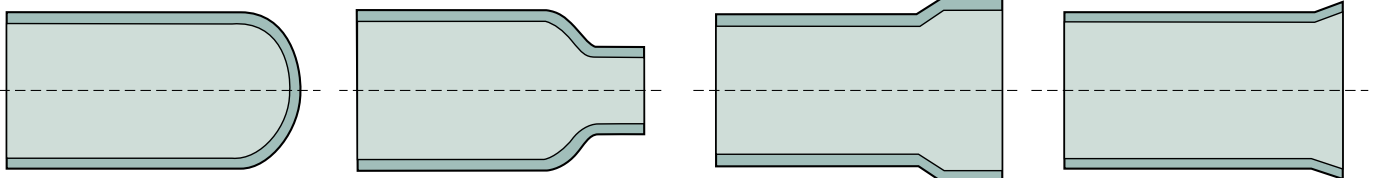
SP 110
✳ max. 4 1/8" (104 mm)
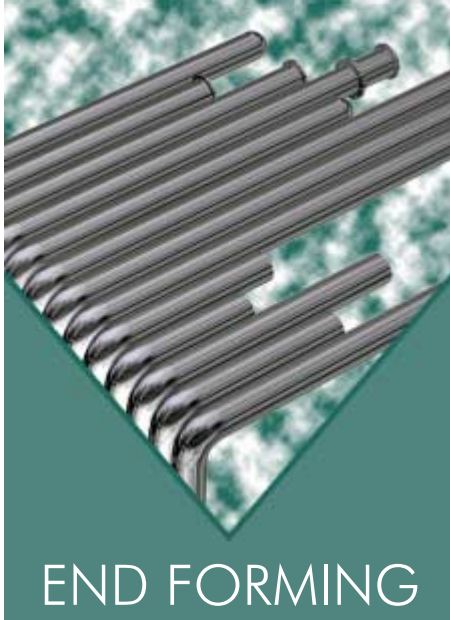
SP 55
✳ max. 2 5/8" (67 mm)

ADVANTAGES
WHEN USING T-DRILL TUBE END SPINNERS

✳ Simple: No need or inventory of expensive fitting pieces
✳ Economical: Reduces the costs of fittings and brazing materials
✳ Fast: Reduces the working time
✳ Quality: Improves product integrity by eliminating leak points

END FORMING

STANDARD FEATURES

Double palm button operator control for additional safety

Quick change of clamps and dies

Operator convenient controls

THE WORK CYCLE

After the work piece has been loaded, the clamp jaws grip the tube and the rotating die is fed against the tube end. The friction of the rotating die and the stationary work piece heats up the tube end, forming it rapidly to the shape of the die.

TECHNICAL DATA

	SP 55	SP 110
Weight	1320 lbs/600 kg	1430 lbs/650 kg
Air pressure	90-115 PSI/ 6-8 bar	90-115 PSI/ 6-8 bar
Air consumption	5CFM/140 l/min	5CFM/140 l/min
Motor	15 HP/11 kW	25 HP/18,5 kW
Power	3-phase 200-480V	3-phase 200-480V
Max. tube size	2 5/8" / 67 mm	4 1/8" / 104 mm
Expansion only	2 1/8" / 54 mm	2 5/8" / 67 mm

WORK PIECE SPECIFICATION WITH STANDARD TOOLS

	SP 55	SP 110
Closing * A drop of solder guarantees fully closed end.	D_o = 2 5/8" / 67 mm L_{min} = 4" / 100 mm S = 0,1" / 3 mm	D_o = 4 1/8" / 104 mm L_{min} = 4" / 100 mm S = 0,1" / 3 mm
Reducing	D_o = 2 5/8" / 67 mm D_o/D_i = Max. 70 % X = 3/8" / 10 mm S = 0,1" / 3 mm	D_o = 4 1/8" / 104 mm D_o/D_i = Max. 70 % X = 3/8" / 10 mm S = 0,1" / 3 mm
Expanding	D_o = 2 1/8" / 54 mm $D_i = D_o$ X = 3/8" / 10 mm S = 0,1" / 3 mm	D_o = 2 5/8" / 67 mm $D_i = D_o$ X = 3/8" / 10 mm S = 0,1" / 3 mm

Other tube end shapes on request.