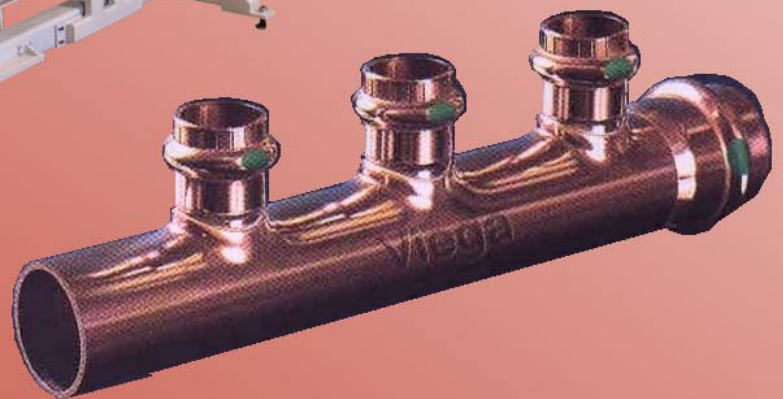
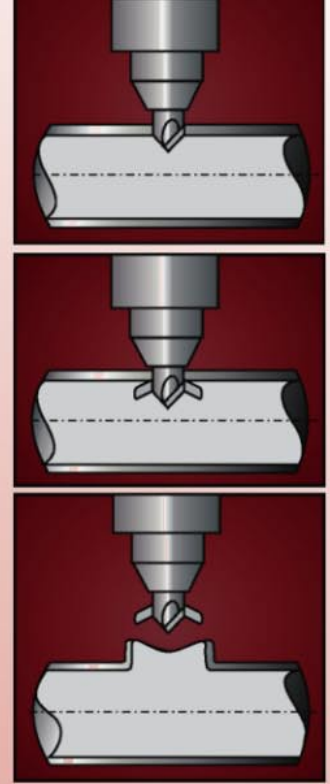
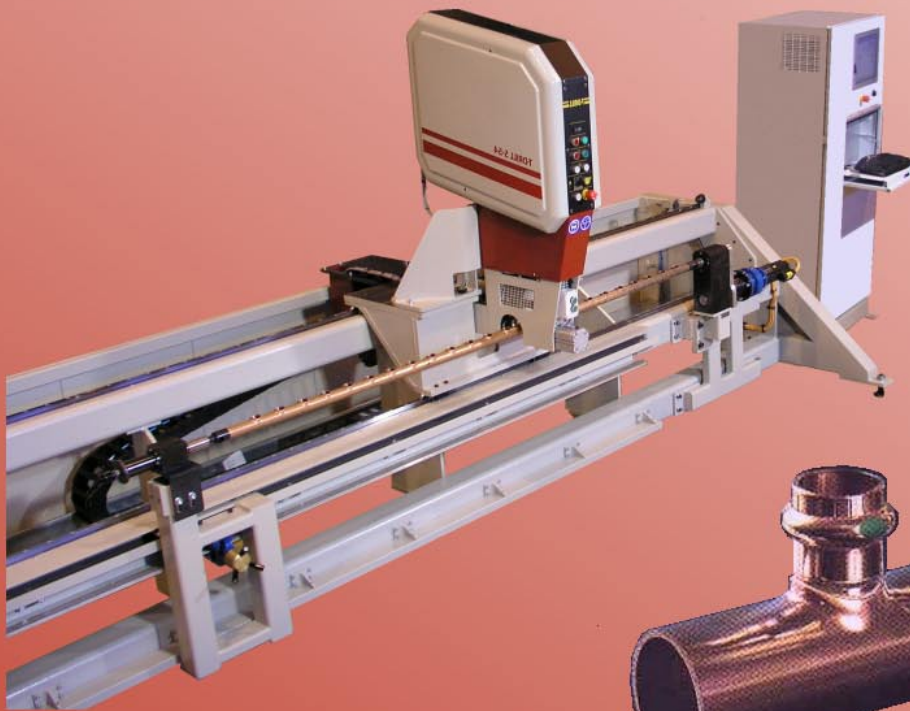


T-DRILL

S-54 TBC



T-DRILL's Tube Branching Center - TBC - offers unique solution for automatic branching of collars in manifolds. The system includes user friendly PC-controls providing 2-axis positioning of collars for diameter range 6 - 54 mm (1/4" - 2 1/8"). The TBC is using standard collaring unit S-54.



Manufacturer:

T-DRILL

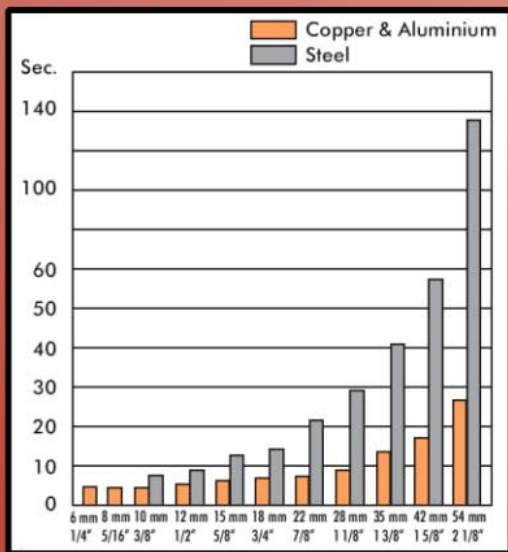
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 Phone +358 6 475 3333
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Distributor:

The information in this brochure is subject to revision without notice. 06/2004

S-54 – Flexibility to workcells

S-54 is modular. It can be easily placed to manual- or fully automatic, robot based workcells.



- Collaring range	6-54 mm 1/4" - 2 1/8"	10-54 mm 3/8" - 2 1/8"
- Run tube range	8-108 mm 5/16" - 4 1/8"	10-108 mm 3/8" - 4 1/8"
- Spindle speed	190-1000 rpm	60-770 rpm
- Rated power	3 kW	3 kW
- Air supply	6 bar / 90 psi	6 bar / 90 psi
- Air consumption	3Nm ³ /h 1.765 Ft ³ /min	3 Nm ³ /h 1.765Ft ³ /min
- Weight (basic unit)	200 Kg / 450 lbs	200 Kg / 450 lbs
- Noise level	< 70dB(A)	< 70dB(A)

Max. wall thickness for copper

	6 mm 1/4"	8 mm 5/16"	10 mm 3/8"	12 mm 1/2"	15 mm 5/8"	18 mm 3/4"	22 mm 7/8"	28 mm 1 1/8"	35 mm 1 3/8"	54 mm 2 1/8"
8 mm 5/16"	0.5 .020	0.5 .020								
10 mm 3/8"	0.8 .030	0.8 .030	1.0 .040							
12 mm 1/2"	0.8 .030	1.0 .040	1.0 .040	1.0 .040						
15 mm 5/8"	0.8 .030	1.0 .040	1.0 .040	1.0 .040	1.2 .045					
18 mm 3/4"	0.8 .030	1.0 .040	1.0 .040	1.0 .040	1.2 .045	1.2 .045				
22 mm 7/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	1.5 .060			
28 mm 1 1/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	2.0 .080	1.5 .060		
35 mm 1 3/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	2.0 .080	2.0 .080	1.5 .060	
54 mm 2 1/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	2.0 .080	2.0 .080	2.0 .080	2.0
79 mm 3 1/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	2.0 .080	2.0 .080	2.5 .100	2.0
104 mm 4 1/8"	0.8 .030	1.0 .040	1.2 .045	1.2 .045	1.5 .060	1.5 .060	2.0 .080	2.0 .080	2.5 .100	2.0

Max. wall thickness for steel

	10 mm 3/8"	12 mm 1/2"	15 mm 5/8"	18 mm 3/4"	22 mm 7/8"	28 mm 1 1/8"	35 mm 1 3/8"	54 mm 2 1/8"
10 mm 3/8"	0.8 .030							
12 mm 1/2"	0.8 .030	0.8 .030						
15 mm 5/8"	1.0 .040	1.0 .040	1.0 .040					
18 mm 3/4"	1.0 .040	1.0 .040	1.0 .040	1.0 .040				
22 mm 7/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.2			
28 mm 1 1/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.2 .045	1.2		
35 mm 1 3/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.4 .055	1.2 .045	1.2	
42 mm 1 5/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.4 .055	1.4 .055	1.4	
54 mm 2 1/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.4 .055	1.4 .055	1.4	1.2
79 mm 3 1/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.4 .055	1.6 .063	1.6 .063	1.6
104 mm 4 1/8"	1.0 .040	1.0 .040	1.2 .045	1.2 .045	1.4 .055	1.6 .063	1.6 .063	1.6