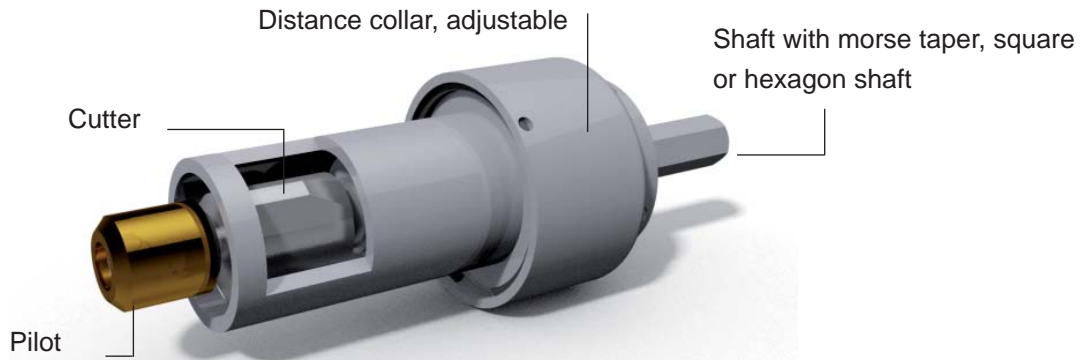


Tube end facer type TF 50

The tube end facer TECHNODATA type TF 50 is a special tool for manual cutting of tube protrusions from the tube sheet. It is fitted to a driving motor with suitable speed range by means of a morse taper, square or hexagon-shaft. The cutter is equipped with an interchangeable pilot for centering during the cutting procedure, according to the tube inside diameter. An adjustable distance collar touches the tube sheet face when the required tube end position is reached and guarantees a repeatable cutting of tubes. A selection of pilots, cutters and distance collars makes the tool adaptable for each tube size between 10 mms - 38 mms outside diameter.



code no.	pc.	DENOMINATION			
010....10	1	size 0	O.D. 10,0 - 14,0 mm		hexagon shank 10 mm
010....20	1	size 0	O.D. 10,0 - 14,0 mm		square shank 9,5 mm (3/8")
010....30	1	size 0	O.D. 10,0 - 14,0 mm		morse taper shank MT 2
010....11	1	size 1	O.D. 14,1 - 25,0 mm		hexagon shank 10 mm
010....21	1	size 1	O.D. 14,1 - 25,0 mm		square shank 9,5 mm (3/8")
010....31	1	size 1	O.D. 14,1 - 25,0 mm		morse taper shank MT 2
010....12	1	size 2	O.D. 25,1 - 38,0 mm		hexagon shank 12 mm
010....22	1	size 2	O.D. 25,1 - 38,0 mm		square shank 12,0 mm (3/8")
010....32	1	size 2	O.D. 25,1 - 38,0 mm		morse taper shank MT 2
<u>spot facer</u>					
110....00	1	spot facer, size 0, diam. 10,5 - 12,5 mm			
110....00	1	spot facer, size 0, diam. 13,0 - 16,5 mm			
110....01	1	spot facer, size 1, diam. 14,0 - 19,5 mm			
110....01	1	spot facer, size 1, diam. 20,0 - 23,5 mm			
110....01	1	spot facer, size 1, diam. 24,0 - 27,5 mm			
110....02	1	spot facer, size 2, diam. 24.0 - 27.5 mm			
110....02	1	spot facer, size 2, diam. 28.0 - 32.0 mm			
110....02	1	spot facer, size 2, diam. 32.0 - 40.0 mm			
<u>pilot</u>					
210....00	1	pilot for size 0 diameter upto 11 mm			
210....01	1	pilot for size 1 diameter upto 18 mm			
210....02	1	pilot for size 2 diameter upto 35 mm			

Bevelling machines type MINI-TDA

For different reasons tube ends of most different tube dimensions - and materials must be machined.

This should be obtained quickly, economically and precise, because the machining result is often determining the efficiency of the following operations, p.e. welding.

For the entire field TECHNODATA offers a range of bevelling machines with internal or external locking.

The bevelling machine **MINI TDA** is designed for precise and economical bevelling and shortening of tube ends. Locking is internal. By mounting three different cutters, three different faces at the tube end can be obtained in one operation. The standard model is pneumatic driven and equipped with manual locking and manual feeding, for tube I. D. range 20 to 42 mms (.78" to 1.65"), optional 12 to 21 mms (.49" to .83"), and is delivered in a durable metal case. Electric drive, pneumatic locking, pneumatic feeding and models with more capacity as well as special grippers p.e. for elbow bevelling are available.



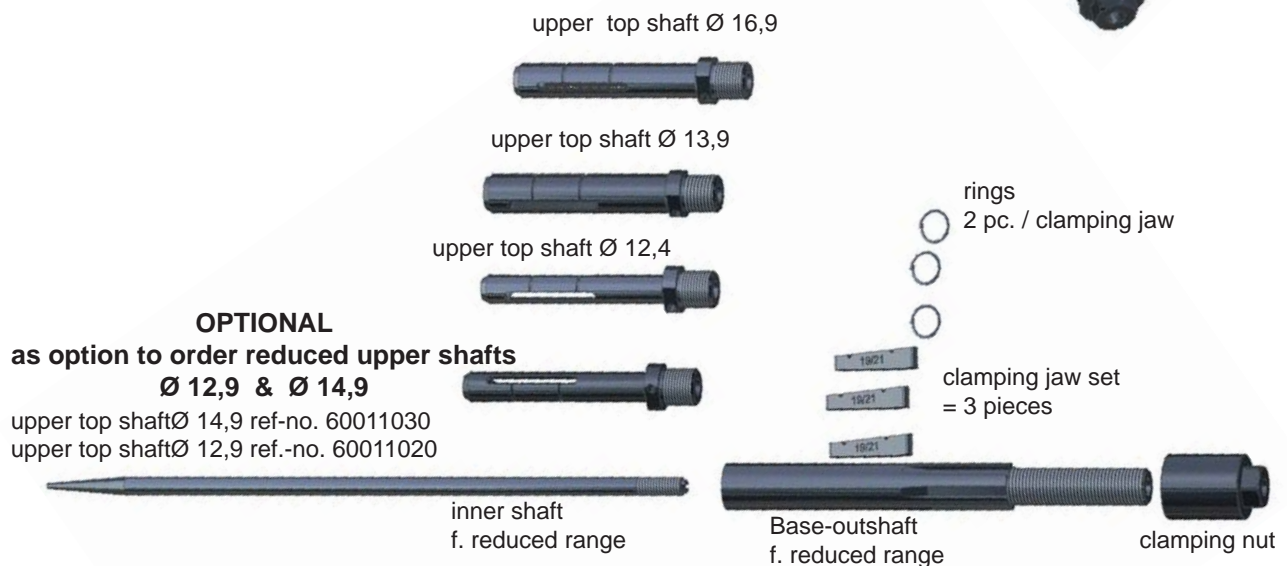
- idle speed: 180 rpm
- power: 0,28 hp
- torque: 21 N.m
- feeding range: 23 (37) mms
- air consumption: 350 - 400 l/min
- air pressure: 6 bar
- weight: 4,5 kgs
- sizes: 67 x 300 mms

Accessories bevelling machine MINI-C / MINI-K

clamping jaws		base shaft	inner shaft
range mm	Ref.-Nr.	Ref.-Nr.	Ref.-Nr.
20,0 - 24,0	60013090	Ø 20,0 mm 60021000	60022000
23,0 - 27,0	60013100		
26,0 - 30,0	60013110		
29,0 - 33,0	60013120		
32,0 - 36,0	60013130		
35,0 - 39,0	60013140		
38,0 - 42,0	60013150		



f. reduced tube range 12,5 - 21,0 mm



upper shafts		clamping jaws		rings	base shaft	inner shaft
Ø mm	Ref.-Nr.	range mm	Ref.-Nr.	Ref.-Nr.	Ref.-Nr.	Ref.-Nr.
12,4	60011010	12,5 - 14,5	60013010	60013010-F	60011000	60012000
		13,0 - 15,0	60013020			
13,9	60011025	14,0 - 16,0	60013030	60013030-F		
		15,0 - 17,0	60013040			
		16,0 - 18,0	60013050			
16,9	60011040	17,0 - 19,0	60013060	60013050-F		
		18,0 - 20,0	60013070			
		19,0 - 21,0	60013080			

Bevelling machine Typ BOILER

For different reasons tube ends of most different tube dimensions - and materials must be machined.

This should be obtained quickly, economically and precise, because the machining result is often determining the efficiency of the following operations, p.e. welding.

For the entire field TECHNODATA offers a range of bevelling machines with internal or external locking.

The bevelling machine type **BOILER** is designed for preparation of tubeends range 28 - 76 mms inside Ø. With special clamping set you can prepare tube ends from inside Ø 20,0 mm.

- idle speed: 110 rpm
- power: 0,55 hp
- torque: 83 N.m
- feeding range: 40 mms
- air consumption: 950 l/min
- air pressure: 6 bar
- weight: 8,3 kgs
- sizes: 80 x 300 mms

fig.: Bevelling machine type
BOILER



Cutter bits

OUTSIDE WORKING



STRAIGHT WORKING



**for further bits and special tools
contact your customer service !**

for further bits and special tools for bevelling machines contact your customer service !