

TC20

Riveting tools for blind rivets with checking of the TC process

Technical sheet

Technical parameters:

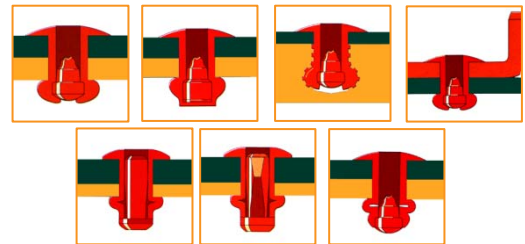
Type	TC20
Maximum pressure	7 bar
Draw force	12,5 kN/6 bar
Working stroke	15,8 mm
Weight	2,4 kg
Height	274 mm
Length	362 mm
Hose connection	ø 6 mm (G 1/4")
Consumption of air per 1 rivet (with exhaustion)	2 l
Consumption of air per 1 rivet (without exhaustion)	0,2 l
Level of acoustic pressure	$L_{PAI} < 70 \text{ dB(A)}$
Vibrations (ISO/FDIS 8662-11)	$a_{hw} < 2,5 \text{ m/s}^2$

Scope of use:

Diameter of the rivet	2,4	3/3,2	4	4,8/5	6	6,4
-----------------------	-----	-------	---	-------	---	-----

Aluminium, Copper, Brass	✓	✓	✓	✓		
Steel	✓	✓	✓	✓		
Stainless	✓	✓	✓	✓		

Nosepieces in the package	✓	✓	✓	✓		
---------------------------	---	---	---	---	--	--



Description of tools:

- integrated **TC** system which together with evaluation of the KRB unit ensures the perfect tool for monitoring and evaluation of the riveting process
- low weight
- economic automatic exhaustion – activation during clamping
- low noise
- low maintenance demands
- simple operation, reliability
- large range of additional equipment
- ergonomic handle – fits into the hand well
- low value of transferred vibrations
- rotary joint air connection
- supply of pressured air optional from right or left which can be very easily modified for right or left handed persons
- curtain
- spare nosepieces on the bottom of the tools
- safety over-pressure valve

TC system manages to distinguish:

- absence of rivets
- rivets which do not correspond to the specification
- damaged or defective rivets
- absence of joining materials
- change in the quality of pre-drilled holes for rivets
- incorrect placing of the rivet into material
- incorrect placing of joined materials
- damaged or defective function of the riveting equipment



supply number: 99-0105

KRB evaluating unit

- Necessary equipment for evaluation of the riveting process which can be connected to a PC

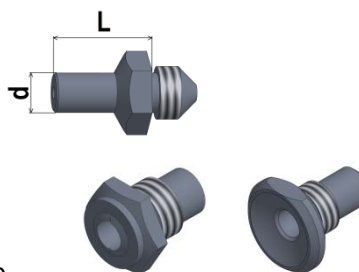


Standard accessories:

- Nosepieces, see table + necessary wrenches for the replacement of nosepieces
- Set for adding oil
- Air joint connection + Allen wrench for tightening air connection
- User and Maintenance Manual, list of spare parts

Other optional accessories:

- Jaws for stainless rivets
- Prolonged nosepieces by 5 mm from $L = 10$ to 25 mm
- Special nosepieces for certain types of rivets, e.g. Bulb-Tite
- Prolonged noses $\varnothing d = 19.5$ mm with lengths $L = 120, 160, 200, 225, 250, 300$ mm
- Noses with smaller $\varnothing d = 16.4$ mm with lengths $L = 75, 200$ mm



- Angular head
- Adapter for removing mandrels by $\varnothing 6$ and $\varnothing 10$ mm hoses