



RIVTAC®

High-speed joining
with the pneumatic hand tool RIVTAC® Portable

BOLLHOFF

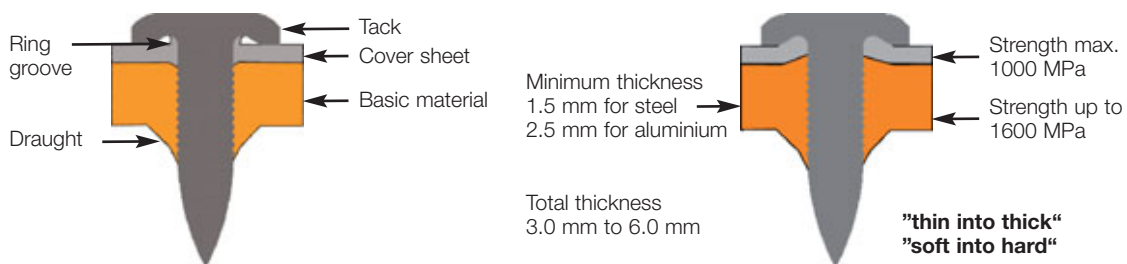
RIVTAC® High-speed joining

The RIVTAC® technology is suitable for joints of aluminium, steel, plastics, non-ferrous metals as well as for mixed joints, multiple-layer joints and hybrid joints of these materials.



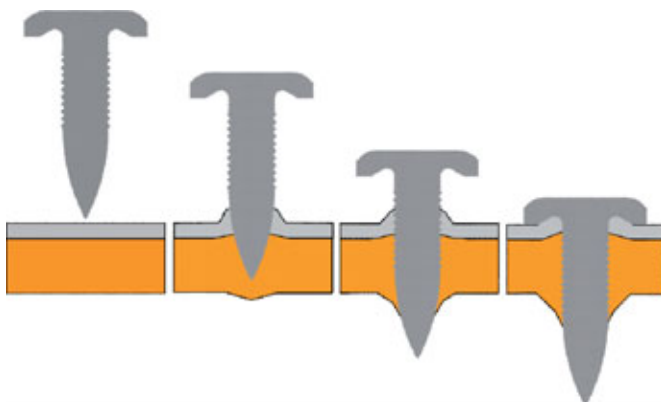
Benefits

- Joining without pre-punching in case of one-sided accessibility
- Reduction of joining and cycle times to a minimum
- Joining of high-strength materials
- Flexible application for mixed joints, multiple-layer joints and hybrid joints
- Optimal possibility of combining with adhesion technology



Procedure

1. Positioning 2. Entering 3. Penetration 4. Bracing

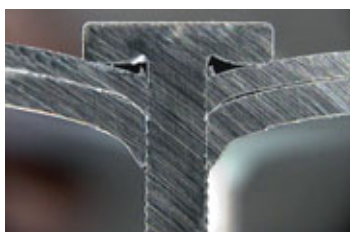


The tack hits the components to be joined at high speed. The speed, which can be controlled via the adjustable pressure, depends on the materials to be joined and on the component thicknesses. The tack penetrates both components. Due to a short-term rise in temperature in the joining zone and the resulting improved flowability, the joining part material can be displaced into the straight knurlings of the tack shaft. As a result, there is a high form fit in the joint. Moreover, for higher-strength steel materials, there is a non-positive connection due to grouting and compression of the material.

Selection of material combinations



Aluminium sheet/ Aluminium profile



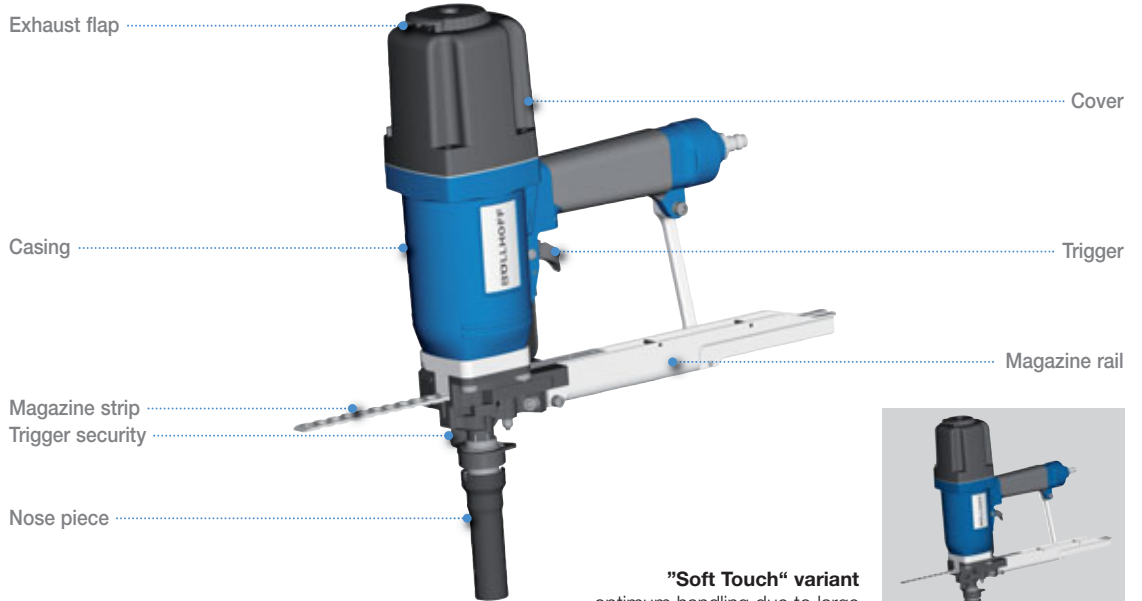
Steel sheet/ Steel sheet



Steel sheet/ Steel profile with adhesive

RIVTAC® Portable

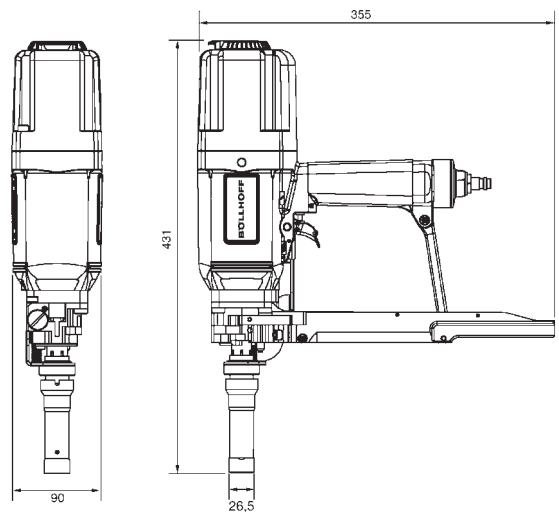
"Small Touch" variant for optimum accessibility



"Soft Touch" variant
optimum handling due to large contact surface and cushioned nose piece

Technical data

Cycle time:	≤ 1 second
Compressed-air connection:	4.5 bar to max. 8 bar
Air consumption at 6 bar:	approx. 2,5 l
Sound level* L _{WA} max.:	107 db (A)
Sound level* L _{PA} max.:	107 db (A)
Sound level* L _{PA} max.:	100 db (A)
(DIN 45635-66-K1.2)	
Vibration values* A h _{wz} :	4,6 m/s ²
Nose piece:	Ø Small Touch 26,5 mm Ø Soft Touch 35 mm
Weight:	3,5 kg
Magazine capacity:	24 pieces
Dimensions:	Height: 431 mm, Width: 90 mm
CE mark:	provided
*Values of similar hand tool	



Order No. 7338 500 3147

RIVTAC® Portable Set
Small Touch

Order No. 7338 500 3146

RIVTAC® Portable Set
Soft Touch

Order No.

9524 639 6922
Pressure unit
(incl. booster)

Order No.

9524 639 6910
Control unit

Order No.

4931 082 7001
Magazine strip



Accessories: **Order No. 9524 639 6978** Hose package (10 m)

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