

Technical Datasheet

TIOS® ER20

Battery Blind Rivet Tool for installing
blind rivets 2.4 mm - 7.5 mm, and
high-strength blind rivets 4.8 mm - 6.4 mm



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Benefits at a glance

- A powerful, fast, and reliable cordless blind rivet installation tool, suitable for the most demanding applications.
- Powerful 2.5Ah Li-Ion battery, for longer operating time between charges. 5Ah battery available as an optional accessory.
- Completely untethered tool, and therefore suitable for both indoor and outdoor applications, large and small.
- Ergonomic and well balanced.
- Reliable and smooth brushless motor.
- LED light to illuminate the work area.
- Large range of pulling heads to suit many types of standard and high- strength blind fasteners.
- Great advice and support available from your local Titgemeyer sales office.

Working range

Rivet Ø [mm]	2.4	3.2	4.0	4.8	5.2	6.0	6.4	7.5
Aluminium, copper	•	•	•	•	•	•	•	•
Steel	•	•	•	•	•	•	•	•
Stainless steel	•	•	•	•	•	•	•	•

Please refer to the accessories and spare manual for this tool, for details of the correct pulling head components to install these fasteners.



Working range - high-strength blind rivets

Fastener	TIBULB®		TIBULB® Plus		TIBOLT® Power		TIBOLT® Plus		TIBULB® Power	
	[mm]		[mm]		[mm]		[mm]		[mm]	
	4.8	6.4	6.4	6.4	4.8	6.4	4.8	6.4	4.8	6.4
Aluminium	•	•			•	•	•	•		
Steel	•	•	•	•	•	•	•	•	•	•
Stainless steel	•	•			•	•	•	•		

Please refer to the accessories and spare manual for this tool, for details of the correct pulling head components to install these fasteners.

Technical specifications

Fastener size capability	2.4 - 7.5 mm
Tool weight (with standard battery)	2.12 kg
Setting force	19.6 N
Setting stroke	25 mm
Cycle time (free cycling)	2.2 Seconds
Type of standard battery included with tool	18V / 2.5Ah
Number of standard batteries included	1
Standard battery weight	0,4 kg
Battery charge indicator	Yes, on tool
Optional battery type available to purchase	18V / 5Ah
Optional battery weight	0.7 kg
Battery charge time	2.5Ah = 65 Minutes / 5Ah = 135 Minutes
Tool length	280 mm
Tool height (with standard battery)	270 mm
Tool width	75 mm
Brushless motor	Yes
LED light	Yes
Suspension hook	Yes
Pulling head equipment supplied with tool	For 3.2mm, 4.8mm, 6.0mm, and 6.4mm standard rivets.
Carry case	Yes
Compliance	CE
Warranty	12 Months

Scope of delivery

DESCRIPTION	Article No.	JAWS	PUSHER	NOSEPIECE
RIVETING TOOL	350 200 000			
3.2 (1/8") RIVET NOSEPIECE	350 200 015	350 200 022	350 200 023	B
4.0 (5/32") RIVET NOSEPIECE	350 200 016	350 200 022	350 200 023	C
4.8 (3/16") RIVET NOSEPIECE (INSTALLED AS DEFAULT)	350 200 017	350 200 022	350 200 024	D
6.0 RIVET NOSEPIECE	350 200 018	350 200 022	350 200 024	E
6.4 RIVET NOSEPIECE	350 200 019	350 200 022	350 200 024	F
SMALL PUSHER	350 200 023			
LARGE PUSHER	350 200 024			
BATTERY 18V 2.5 AH LI-ION	350 500 000			
18V LI-ION CHARGER	350 600 000			
SMALL JAWS (INSTALLED)	350 200 022			
NOSE ASSEMBLY	350 200 020			
JAWS CASE	350 200 021			
SPRING	350 200 025			
WASHER	350 200 026			
KEY	350 200 027			
INSTRUCTION MANUAL				

About us

The Titgemeyer Group is a leading company for fastening technology and vehicle components at 12 locations in Europe.

The traditional company develops, manufactures and sells more than 30,000 fastening elements, tools and vehicle components – in series production and on request.

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