

Technical Datasheet

## TIOS<sup>®</sup> EN18-2

Battery Blind Rivet Nut Tool for installing  
blind rivet nuts M3 - M10, and  
blind rivet studs M5 - M8



# TIOS® EN18-2

Battery Blind Rivet Nut Tool for installing blind rivet nuts M3 – M10, and blind rivet studs M5 – M8

### 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 blind rivet nuts and blind rivet studs.
- Great advice and support available from your local Titgemeyer sales office.



### Working range

Blind rivet nuts	M3	M4	M5	M6	M8	M10
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.

### Working range

Blind rivet studs	M5	M6	M8
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	M3 - M10 mm
Tool weight (with standard battery)	2.58 kg
Setting force	18000 N
Force control configuration	Yes
Force steps	0 to 99% in 1% steps.
Setting stroke	10 mm
Stroke control configuration	Yes
Stroke steps	0.1 mm
Number of force / stroke configuration settings that can be stored in the tool.	10
Cycle time (free cycling)	3.0
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, 5Ah = 135 Minutes
Tool length	260 mm
Tool height (with standard battery)	270 mm
Tool width	75 mm
Emergency mandrel reverse function	Yes, motorised and manual.
Display	Stroke, force, counting.
Counter	Yes
Brushless motor	Yes
LED light	Yes
Suspension hook	Yes
Pulling head equipment supplied with tool	For M3, M4, M5, M6, M8, and M10 blind rivet nuts
Carry case	Yes
Compliance	CE
Warranty	12 Months

**Scope of delivery**

Description	Article No.	Mandrel	Nosepiece
Riveting tool	350 400 000		
Mandrel and nosepiece M3		350 400 007	350 400 001
Mandrel and nosepiece M4		350 400 008	350 400 002
Mandrel and nosepiece M5		350 400 009	350 400 003
Mandrel and nosepiece M6		350 400 010	350 400 004
Mandrel and nosepiece M8		350 400 011	350 400 005
Mandrel and nosepiece M10		350 400 012	350 400 006
Battery 18V 2.5 AH LI-ION	350 500 000		
18V LI-ION Charger	350 600 000		
Allen key	350 400 032		
Change nosepiece key	350 400 031		
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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Technical Datasheet

## TIOS<sup>®</sup> 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



# 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

### 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]	[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	350 200 017	350 200 022	350 200 024	D
(INSTALLED AS DEFAULT)				
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				

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