STANLEY
Engineered Fastening

UNI·BIS
INDUSTRY SOLUTIONS

BRF30PB-20

¼" (6.4mm) Process Monitoring Rivet Tool

Significantly Improve Productivity on Critical Applications

STANLEY
Assembly Technologies

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BRF30PB-20

Battery Powered Process Monitoring Blind Rivet Tool

Features

- Force & distance monitoring
- Up to 16 Jobs
- Standalone or MES integrated
- Directly supports Open Protocol, Modbus, ToolsNet, XML, and PFCS
- Pressure switch for rivet seating
- Advanced error proofing, including batch counting
- Onboard display for configuration & application observation
- Stores 30,000 fastening curves and rundowns
- Additional protocols available with a controller
- Low weight ergonomic design
- Can be used in three operating modes

Benefits

- Catch assembly problems before they leave the cell
- Improved reputation from improved quality
- Increased operator mobility via cordless tool
- Industry leading connectivity
- Barcode reader (optional) improves process traceability
- Widely available DEWALT battery platform

Package Contents

Part numbers: • BRF30PB-20*
1 x BRF30PB-20, with TP124-542, TP124-546, TP144-594, and TP144-640 nosepieces
Battery and Charger Options Dependent on Regional Kitting
Optional Barcode scanner
1 x Document Packet including a Quick Start Guide and Test / Calibration Certificate

Specifications

Pull force (kN [lb])	20.0 [4496.18]	
Placing stroke - (mm [in])	30 [1.12]	
Battery type	DEWALT® Li-Ion (readily available, removable, and rechargeable)	
Available battery capacities (Ah)	2 Ah	4 Ah
Tool weight (kg [lb])	2.39 [5.27]	2.66 [5.86]
Battery charge time (mins)	30	60
Tool dimensions L x H - (mm [in])	323 (12.7) x 296.7 (11.7)	323 (12.7) x 316.7 (12.5)
Vibration level	< 2.5 m/s² [8 ft/s²]	
Est. Rivets / Ah	350 Placings with 4.8mm (3/16”) 175 Placings with 6.4mm(1/4”)	
Speed (SD-HS-8)	0.5 seconds	
Compliance standards met	CE, UKCA, IC (FCC), Machinery directive 2006/42/EC	
User interface	Touch screen display, trigger Alpha Tool Box (Web Browser)	
Interface to other devices	Wireless to Controller, or other wireless device: Secure 802.11 (2.4 & 5.0 GHz), USB C	
Process monitoring strategy	Up to 2 programable windows	
Data Interface	Alpha Toolbox (results & placing curve) on tool, controller, or other device CSV download	

Part numbers

BRF30PB-20-QW0000	Bare kitted tool
BRF30PB-20-B-QW0000	Bare kitted tool with barcode
BRF30PB-20-QW1822	Kitted EU tool
BRF30PB-20-B-QW1822	Kitted EU tool with barcode
BRF30PB-20-GB1822	Kitted GB tool
BRF30PB-20-B-GB1822	Kitted GB tool with barcode

Placing Capability

Fastener type	Minimum size	Maximum size
Open End	4.8mm (3/16”)	6.4mm (1/4”)*
Closed End	4.8mm (3/16”)*	6.4mm (1/4”)*
HR (Except SSHR)	4.8mm (3/16”)	6.4mm (1/4”)
Avex®	4.8mm (3/16”)	6.4mm (1/4”)
Avinox® / Avibulb®	4.8mm (3/16”)	6.4mm (1/4”)
T-Lok®	4.8mm (3/16”)	4.8mm (3/16”)
Interlock®	4.8mm (3/16”)	6.4mm (1/4”)
Monobolt®	4.8mm (3/16”)	6.4mm (1/4”)
Avseal®	4.0mm	10.0mm
Q Rivet	4.8mm (3/16”)	6.4mm (1/4”)*
Klamp-Tite BAPK® / BAPKTR®	4.8mm (3/16”)*	6.4mm (1/4”)*
V-Grip	4.8mm (3/16”)	6.4mm (1/4”)

Typical Infrastructure Applications

- Elevator applications
- Electrical switchgear applications

Typical Transportation Applications

- Seating, airbag, and passenger safety
- Soft top and truck bed installation
- Trailer, bus, and coach ancillaries

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