

NEW Spit IWI 280 Impact Wrench



ITW CONSTRUCTION PRODUCTS

HEAD OFFICE

Fleming Way, Crawley
West Sussex RH10 9DP

CUSTOMER SERVICES

R8 Blair Court, 100 Borrton Street
Port Dundas Business Park
Glasgow G4 9XG

Main Telephone - 0141 342 1660
Main Facsimile - 0141 332 7489

Ireland Free Phone Orderline 1 800 946 791
Ireland Free Fax Orderline - 1 800 946 792

Free Phone Orderline - 0800 833 381
Free Fax Orderline - 0800 521 077

TECHNICAL HELPLINE

Free Phone UK 0800 731 4924
Free Phone ROI 1 800 882 388

www.itwcp.co.uk
www.itwcp.ie

YOUR LOCAL DISTRIBUTOR:



NEW Spit IWI 280 Impact Wrench

Tool and accessories

Eurocode	Description
054200	Spit IWI 280 18V Impact Wrench, 2 x 2.6 Ah NiMH batteries, charger, heavy duty carry case and instruction manual.
054201	18V / 2.6 Ah NiMH Battery for IWI 280
924240	230V Charger
016707	10mm Impact Socket (1/2" drive) 80mm long
016708	13mm Impact Socket (1/2" drive) 80mm long
921552	14mm Metrinch Socket
921553	19mm Metrinch Socket
016656	T25 x 25mm Drive Bit (Bag of 10)
016626	T25 x 70mm Drive Bit (Bag of 10)
016658	T30 x 25mm Drive Bit (Bag of 10)
016705	T30 x 70mm Drive Bit (Bag of 10)
921550	T40 x 25mm Drive Bit
054226	Deep access 1/4" Bit Holder
016704	Torque Limiter



Tapcon® Fixing Guide

The IWI 280 is ideal to install the Tapcon® concrete screw range. Tapcon® screws tap their own thread into concrete and masonry. (A small pilot hole needs to be pre-drilled.)

Tapcon®

Tapcon® Hex Head LDT

LDT 7.5mm (14mm flange).
Tensile Load 140kg*.

Eurocode	Description	Drill ø
016670	7.5 x 35	6mm
016671	7.5 x 45	6mm
016672	7.5 x 60	6mm
016673	7.5 x 80	6mm
016674	7.5 x 100	6mm

LDT 10mm (20mm flange).
Tensile Load = 180kg*.

921372	10 x 45	8mm
921419	10 x 64	8mm
921373	10 x 76	8mm
921420	10 x 101	8mm
921421	10 x 128	8mm

LDT 12mm (22mm flange).
Tensile Load 430kg*.

921422	12 x 76	11mm
921423	12 x 101	11mm
921424	12 x 127	11mm
921425	12 x 152	11mm

Tapcon® LDT 16mm and 20mm also available.

Tapcon® Washered

Big head (14mm flange)
small drill hole.
Tensile load = 110 kg*.

Eurocode	Description	Drill ø
603903	6.5 x 32	5mm

* Tensile loads given at minimum embedment in C20/25 concrete. Higher loads possible at deeper embedment or in higher strength concrete.

Tapcon® Fixing Guide continued

Standard pipe clamp installed
using NEW Tapcon® Stud



Tapcon®

NEW IMPROVED Tapcon® Rod

7.5mm Tapcon® screw with
assembled M8 or M10 couplers.
Tensile load = 140kg*.

Eurocode	Description	Drill ø
016648	7.5 x 35 M8	6mm
016649	7.5 x 35 M10	6mm
016650	7.5 x 55 M8	6mm
016651	7.5 x 35 M10	6mm

NEW Tapcon® Stud

7.5mm Tapcon® screw with
M8 Sinuloc Wave thread.
Tensile load = 140kg*.

Eurocode	Description	Drill ø
016652	7.5 x 35 M8	6mm
016653	7.5 x 35 M8	6mm

Tapcon® Dome

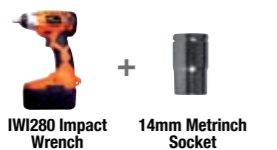
Low profile, large diameter
(16mm) head.
Tensile load = 140kg*.

Eurocode	Description	Drill ø
016718	7.5 x 35	6mm
016717	7.5 x 45	6mm
016716	7.5 x 60	6mm

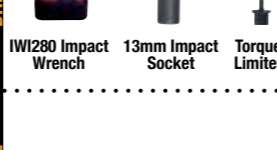
* Tensile loads given at minimum embedment in C20/25 concrete. Higher loads possible at deeper embedment or in higher strength concrete.

DRILL

Drive



Drive



Spit

Multiple soft grip zones

Sturdy / protective aluminium gearbox

Large ventilation grilles



Powerful

The NEW Spit IWI 280 is a powerful yet compact Impact Wrench designed specifically to compliment the Tapcon® concrete screw range.



Standard 1/2" square drive



3 position swivel lighting system



Spit IWI 280 Technical Specification

Code	054200
Weight (with battery)	2.2kg
Voltage	18V
Battery capacity	2.6 Ah NiMH
No load speed	2800 r.p.m
Impact rate per minute	3200
Torque	220Nm (Maximum) 55Nm (Sustained)
Battery charge time	1 hour

• Power and Performance:

Extreme torque up to 220Nm with an electronic switch and reverse trigger, allows the user to work on the most demanding applications.

• Robust and Reliable:

A metal gear housing protects against external shocks whilst providing excellent heat distribution which is enhanced by large air vents. Tool and battery showed no failures in 0.9 metre drop tests.

• Ease of use:

Lightweight design featuring a slimline soft grip handle, large switch and a swivel lighting system, all enhance ease of use.

Can be safely used one handed, leaving other hand free to support item being fixed, e.g. channel.

Safe one-handed operation

No "Kick Back"

Due to the impact mechanism, there is no "Kick Back".

No risk of injury to the wrist

Hand Arm Vibration
HAV = 8m/s²



Torque Limiter



Applications

Electricians

- Fixing electrical systems and cables.
- Fixing electrical accessories: Tapcon® Rod Hangers.
- Fixing electrical channel, fixing and assembling support systems.

Plumbers

- Installing pipe networks.
- Installing radiators.

Dryliners

- Setting suspended ceilings with steel brackets.

Carpenters

- Driving long / large diameter wood screws for:
 - frames
 - decking, etc...

General contractors

- Pallet Racking.
- Fencing.
- Push / pull bars.