

Tapcon® Fixing Guide

The IWI 285 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® LDT 7.5mm (Hex)

LDT 7.5mm (14mm flange).



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

DRILL

Drive



IWI 285 Impact Wrench (054276) + 10mm Impact Socket (016707) + Torque Limiter (016704)

Tapcon® LDT

LDT 10mm (20mm flange).



Eurocode	Description	Drill ø
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

DRILL



IWI 285 Impact Wrench (054276) + 14mm Metrinch Socket (921552)

LDT 12mm (22mm flange).

Eurocode	Description	Drill ø
921422	12 x 76	11mm
921423	12 x 101	11mm
921424	12 x 127	11mm
921425	12 x 152	11mm

DRILL



IWI 285 Impact Wrench (054276) + 19mm Metrinch Socket (921553)

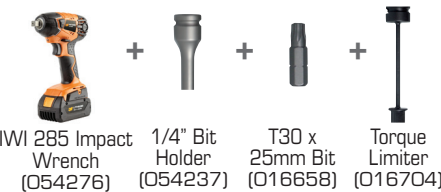
Tapcon® Washered Pan

Big head (14mm flange)
Small drill hole.



Eurocode	Description	Drill ø
603903	6.5 x 32	5mm

DRILL



IWI 285 Impact Wrench (054276) + 1/4" Bit Holder (054237) + T30 x 25mm Bit (016658) + Torque Limiter (016704)

Tapcon® Rod Hanger

7.5mm Tapcon® screw with assembled M8 or M10 couplers.



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 55 M10	6mm

DRILL



IWI 285 Impact Wrench (054276) + 13mm Impact Socket (016708) + Torque Limiter (016704)

Tapcon® Stud

7.5mm Tapcon® screw with M8 Sinuloc Wave thread.



Eurocode	Description	Drill ø
016652	7.5 x 35 M8	6mm
016653	7.5 x 55 M8	6mm

DRILL



IWI 285 Impact Wrench (054276) + 10mm Impact Socket (016707) + Torque Limiter (016704)

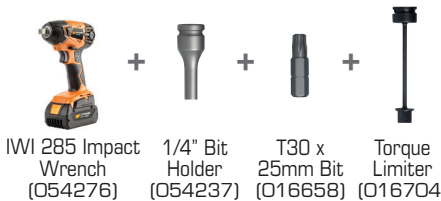
Tapcon® Dome

Low profile, large diameter head (16mm).



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

DRILL



IWI 285 Impact Wrench (054276) + 1/4" Bit Holder (054237) + T30 x 25mm Bit (016658) + Torque Limiter (016704)

Assembling support systems



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 and radiators

Dryliners

- Setting suspended ceilings with steel brackets

Carpenters

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

General contractors

- Pallet racking, fencing and push / pull bars

Accessories:

Eurocode	Description	Box Qty
054284	2.6 Ah Li-ion Battery	1
054286	230V Battery Charger	1

Refer to page 103 for more accessory details.

Tapcon Accessories

Eurocode	Description	Box Qty
016704	Torque Limiter	1
016707	10mm Impact Socket (1/2" drive) 80mm long	1
016708	13mm Impact Socket (1/2" drive) 80mm long	1
921552	14mm Metrinch Socket	1
921553	19mm Metrinch Socket	1
016656	T25 x 25mm Drive Bit (Bag of 10)	1
016626	T25 x 70mm Drive Bit (Bag of 10)	1
016658	T30 x 25mm Drive Bit (Bag of 10)	1
016705	T30 x 70mm Drive Bit (Bag of 10)	1
054237	Impact Wrench 1/4" Bit Adaptor	1

Refer to pages 104 - 105 for more details.

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

Spit Drill Driver Installation Accessories

Condrive Kit and Accessories

Eurocode	Description	Qty	For use with
921159	Condrive Drill Driver Installation Kit Kit includes: Condrive Sleeve, Drill Drive Adaptor, Phillips N° 2 & N° 3 Bits, 6.5mm & 8mm Magnetic Nut Setters, Drive Adaptor for Phillips Bits, 4 x 110mm and 5 x 110mm Drill Bit.	1	Countersunk & Hex Head
921160	Drill Drive Adaptor for Condrive Sleeve	1	Countersunk & Hex Head



Condrive Drill Driver Installation Kit



Phillips Drive Adaptor



Drill Bit

Drill Bits

Eurocode	Description	Qty	For use with
921126	4 x 110 Tapcon Drill Bit	1	Countersunk & Hex Head
921127	4 x 140 Tapcon Drill Bit	1	Countersunk & Hex Head
921138	5 x 110 Tapcon Drill Bit	1	Countersunk & Hex Head
921139	5 x 140 Tapcon Drill Bit	1	Countersunk & Hex Head
921140	5 x 165 Tapcon Drill Bit	1	Countersunk & Hex Head

Drive Bits and Sockets (Includes 1/4" Hex Drive)

Eurocode	Description	Qty	For use with
016656	T25 x 25mm Drive Bit	10	Pan Head
016626	T25 x 70mm Drive Bit	10	Pan Head
016658	T30 x 25mm Drive Bit	10	Washed Pan, Dome Head, Prolong Ø 8mm & Frame Fixing Screws
016705	T30 x 70mm Drive Bit	10	Washed Pan, Dome Head, Prolong Ø 8mm & Frame Fixing Screws
922827	T30 x 25mm Drive Bit Pack of 10 with Magnetic Bit Holder	1	Washed Pan, Dome Head & Prolong Ø 8mm & Frame Fixing Screws
922828	T40 x 25mm Drive Bit Pack of 10 with Magnetic Bit Holder	1	Prolong Ø 10mm
137996	Proscrows TX Bit Set	10	Proscrows
921100	PSD 2-2 Square Drive Bit	1	Teks Screws
921557	6.5mm Magnetic Nut Setter Hex (1/4" hex drive)	1	Hex Head (Ø 5mm) & Teks Screws
921469	8mm Magnetic Nut Setter Hex (1/4" hex drive)	1	Hex Head (Ø 6mm) & Teks Screws
921846	10mm Magnetic Nut Setter Hex (1/4" hex drive)	1	LDT 7.5mm
921847	13mm Magnetic Nut Setter Hex (1/4" hex drive)	1	Rod Hanger
921098	Phillips N° 2 Drive Bit	1	Countersunk (Ø 5mm) & Teks Screws
921099	Phillips N° 3 Drive Bit	1	Countersunk (Ø 6mm) & Teks Screws
921162	6.5mm Torque Control Hex Socket	1	Hex Head (Ø 5mm)
921163	8mm Torque Control Hex Socket	1	Hex Head (Ø 6mm)
921406	Rod Hanger Tapcon Vertical Installation Socket	1	Original Rod Hanger Vertical for Concrete & Rod Hanger Vertical for Steel



6.5mm Magnetic Nut Setter Hex



8mm Magnetic Nut Setter Hex



10mm Magnetic Nut Setter Hex



13mm Magnetic Nut Setter Hex



Vertical Installation Socket



Proscrows TX Bit Set



Phillips N° 2 and N° 3 Bits



T25 x 25mm Drive Bit



T25 x 70mm Drive Bit



T30 x 25mm Drive Bit



T30 x 70mm Drive Bit



6.5mm & 8mm Hex Socket

Spit Impact Wrench 1/2" Square Head Installation Accessories

Electric Tools

Impact Wrench Installation Accessories

Eurocode	Description	Qty	For use with
O54237	Impact Wrench 1/4" Adaptor (38mm Long)	1	Impact Wrench (Spit IWI 285)
O16704	Torque Limiter for using Impact Wrench	1	Washed Pan, Dome Head, LDT 7.5mm, Rod Hanger & Stud



1/4" Bit Holder



Torque Limiter

Impact and Metrinch Sockets

Eurocode	Description	Qty	For use with
O16707	10mm Impact Socket Hex	1	LDT 7.5mm & Stud
O16708	13mm Impact Socket Hex	1	Rod Hanger
921552	14mm Metrinch Socket	1	LDT 10mm
921553	19mm Metrinch Socket	1	LDT 12mm



10mm Impact Socket Hex



13mm Impact Socket Hex



14mm Metrinch Socket



19mm Metrinch Socket

Spit SDS+ Drill Installation Accessories

Condrive Kit and Accessories

Eurocode	Description	Qty	For use with
921405	Rod Hanger Tapcon Universal Condrive Kit (Socket included)	1	Original Rod Hanger Vertical for Concrete & Rod Hanger Vertical for Steel
921437	Condrive Sleeve for SDS	1	Condrive Installation Kit
921556	12.5mm SDS Socket Driver	1	LDT Metrinch Sockets & Stud



Universal Condrive Kit



Condrive Sleeve



12.5mm SDS Socket Driver

SDS+ Hex Shoulder Tapcon Drill Bits for use with Condrive Sleeve

Eurocode	Description	Qty	For use with
921137	SDS+ Hex 4 x 180 Tapcon Drill Bit (3SD180)	1	Countersunk, Hex Head & Pan Head 5.5mm
921154	SDS+ Hex 5 x 180 Tapcon Drill Bit (4SD180)	1	Countersunk, Hex Head, Pan Head 6.5mm & Washered Pan 6.5mm
920940	SDS+ Hex 6 x 180 Tapcon Drill Bit	1	Dome Head, LDT 7.5mm, Rod Hanger & Stud
921438	SDS+ Hex 6.5 x 130mm Tapcon Drill Bit	1	Original Rod Hanger Vertical for Concrete
921433	SDS+ Hex 6.5 x 170mm Tapcon Drill Bit	1	Original Rod Hanger Vertical for Concrete



SDS+ Hex Drill Bit