ETP | CUBIT®

The ultimate way to profile precision

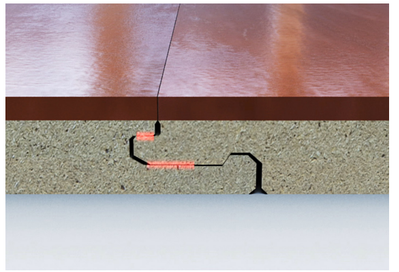
AMBIENTE

Imagine a living room
with a soft fascinating atmosphere
created by the most tasteful furnishing,
great decorating and accessories
in a perfect harmony.

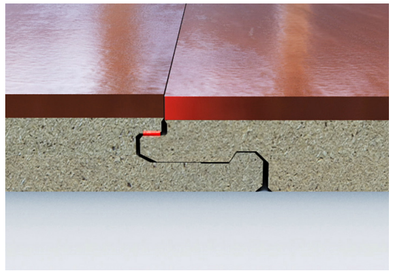
What could possibly
be more annoying than
a groaning floor?

PROFILE PRECISION

The profile precision is the most sensible part of a floor. Both the product quality and the company´s profitability will suffer from lack of precision.



If the click profile is too tight, it means an unhappy customer who suffers with a groaning floor and likely a warranty claim.



If the profile is not tight enough you will get an uneven joint and the floor board must be scrapped.

ETP CUBIT

We are now introducing the innovation ETP-CUBIT. CUBIT has a unique patented technology different to all other existing adjustable systems. Profiling of the tongue and groove in the flooring industry can now efficiently be done with extreme precision and repeatability.

REDUCED SET UP TIME BY MORE THAN 50%

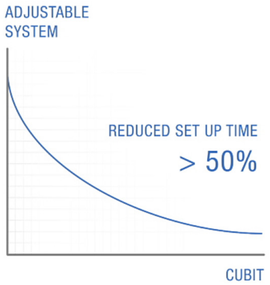
Thanks to the unrivalled repeatability and the user friendly design. The operator can always feel confident with the result and there is no need for any trial and error adjustment.

INCREASED RUN TIME ON TOOLS 30-50%

The CUBIT has a minimal run out and the high precision make it possible for each diamond to cut exactly the same every turn.

REDUCED SCRAP AND IMPROVED FLOORING QUALITY

Cost savings in terms of less rejected panels, improved flooring quality that emphasis a strong reputation and brand name on the market are additional benefits by using the CUBIT.



THE ULTIMATE WAY TO PROFILE PRECISION

The adjustable patented ETP CUBIT concept has extremely high precision and unrivalled repeatability. The concept is made for two part tools that can be precise adjusted by 0,01 mm every time. The adjusting system is completely covered in the adjustable unit and there are no other small parts. The CUBIT hydro sleeve has two independent separate hydraulic systems providing a maximum performance and a minimal run out.

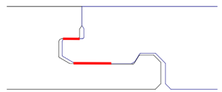
USER FRIENDLY DESIGN AND MAXIMUM PRODUCTIVITY

CUBIT can be used on horizontal, vertical and tilted spindle positions. The range of products include versions for either axially or radially accessibility for the pressurizing and profile adjustment. Each type developed providing maximum ease of use and productivity. The CUBIT range of products includes units for the most frequent size of machine shafts and versions.

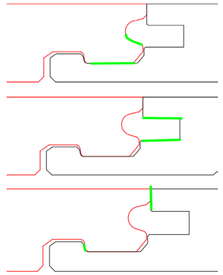
QUICK, EASY AND PRECISE

Innovative and user-friendly design together with an extra-ordinary performance let you in just three easy steps reach profile success.

Illustrated are surfaces that are adjusted by CUBIT.



2G profile



5G profile, short side of panel

THREE STEPS TO PROFILE SUCCESS

1

Release pressure against the profile tool by using an allen T-wrench at the red position A.

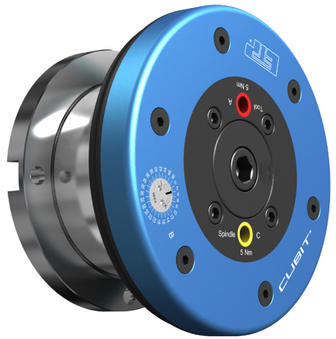
2

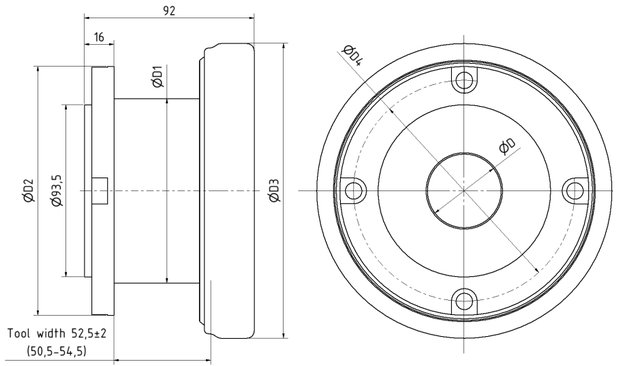
The extreme precise adjustment is easily done on the adjusting device by using the special designed bits. Each snap is equal to 0.01 mm movement between the two profile tools.

3

Pressurize and clamp the tool at the red position A.

PRODUCT OVERVIEW



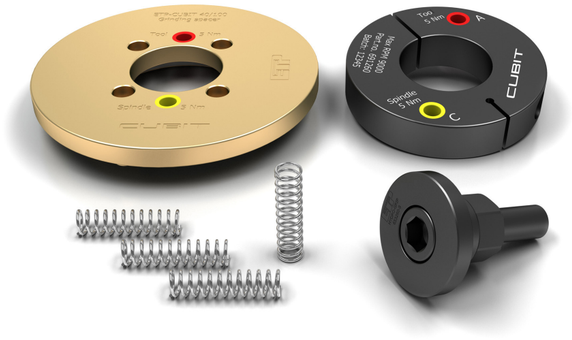


Dimension	Part no.	D	D1	D2	D3	D4	Safety ring	Remarks
ETP-CUBIT 40/100	691030	40	100	135	160	120	653260-9	For spindle with hexagon (Perske KCS 70 D)
ETP-CUBIT 45/110	691220	45	110	145	170	130	691260	
ETP-CUBIT 1 13/16"/110	691230	46,038	110	145	170	130	691270	
ETP-CUBIT 50/110	691055	50	110	145	170	130	691280	
ETP-CUBIT 2 1/8"/110	691240	53,975	110	145	170	130	691290	

INCLUDED IN ALL DIMENSIONS

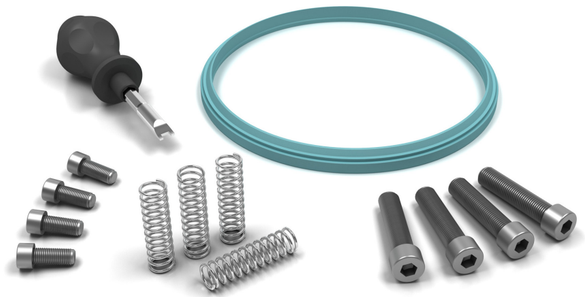
4x screws DIN 912 M6x16 adjustable unit/sleeve
4x screws DIN 912 M8x40 fixed tool/sleeve
4x springs 8x55
Handle with bits

ACCESSORIES



Product no.	Product	
691310	Grinding disc 100 incl. springs	
691320	Grinding disc 110 incl. springs	
653260-9	Safety disc 40 (for spindle with hexagon)	
691260	Safety ring 45	
691270	Safety ring 1 13/16"	
691280	Safety ring 50	
691290	Safety ring 2 1/8"	

SPARE PARTS

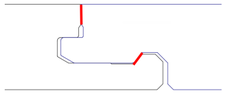


Product no.	Product	Qty/pkg	Remarks
O0621	Handle for bits	1	
O0622	Bits	1	
S0738	Screw M6x16	8	adjustable unit/sleeve
S1158	Screw M8x40	8	fixed tool/sleeve
S6078	Spring	8	
OD0038	Sealing 100	1	
OD0048	Sealing 110	1	

ETP CUBIT INT 40/100

The ETP CUBIT INT is developed and specially designed for combination tools placed on a horizontal or tilted motor spindle. The pressurizing as well as the profile adjustment is easy carried out with the radially accessibility providing a minimal set up time and maximum productivity.

Illustrated is typical surface that is adjusted by CUBIT INT.



2G profile

ETP CUBIT INT 40/100

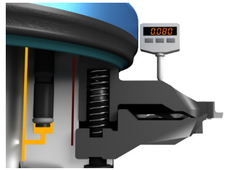
The unique adjusting device is completely covered and integrated into the special hydraulic sleeve. There are no other small parts making it very user friendly and guarantee a consistent high precision.

MAXIMUM PRODUCTIVITY

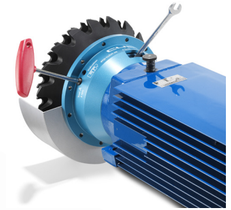
The CUBIT INT brings the set-up time down to an absolute minimum! The adjustment is easily radially accessible and there is no need to change the motor position, dismount or open the dust/exhaust cover which is saving valuable down time and assuring maximum productivity.

COMPLETE CONCEPT

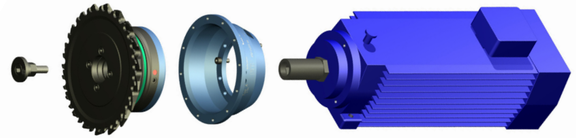
The complete concept consists of the CUBIT DCA (dust cover adapter), CUBIT INT 40/100 and a set of combination tools making it very quick to install on your current machine line. The CUBIT DCA is ready made to fit directly on to the machine motor and your current exhaust hood can easily be modified and bolted to the CUBIT DCA.



Minimal run out, high precision and unrivalled repeatability.



User friendly design and easy to operate.



THREE STEPS TO PROFILE SUCCESS

1

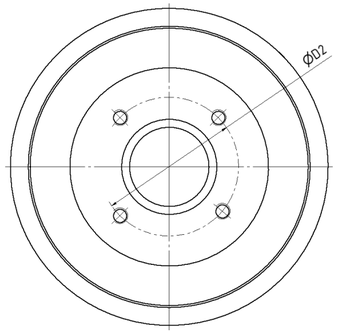
Turn the motor spindle until the red indication is in place. Release the pressure against the tool by using an allen T-wrench.

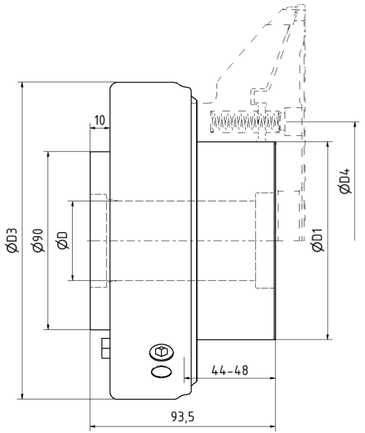
2

The extreme precise adjustment is easily done on the adjusting device by using a ring spanner size 10. Each snap is equal to 0.01 mm movement between the combination tools.

3

Pressurize and clamp the tool.

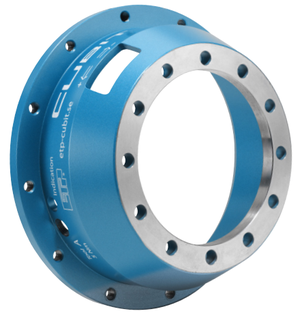




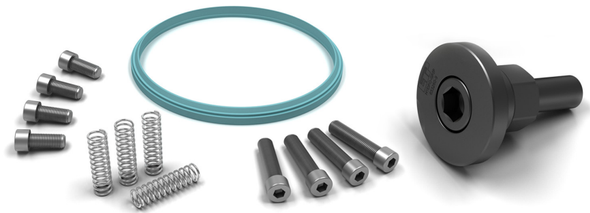
Dimension	Part no.	D	D1	D2	D3	D4	Safety disc 40	Remarks
ETP CUBIT INT 40/100	691160	40	100	70	160	120	653260-9	For spindle with hexagon (Perske KCS 70 D)

INCLUDED

4xscrews DIN 912 M8x22 fixed tool/sleeve
4xscrews DIN 912 M8x40 fixed tool/springs
4x springs 8x55



Product no.	Product	
691160-30	DCA Perske	
691160-50	DCA PDS	
653260-9	Safety disc 40 (for spindle with hexagon)	



Product no.	Product	Qty/pkg	Remarks
S1078	Screw M8x22	8	fixed tool/sleeve
S1158	Screw M8x40	8	fixed tool/springs
S6078	Spring	8	
OD0038	Sealing 100	1	

MAIN OFFICES

IWF AWARD WINNER

The CUBIT were announced as a winner of The Challengers Distinguished Achievement Award® for 2010 and recognized as one of the industry's most innovate products.

The ultimate way to profile precision together with you too?

For more information please visit etp-cubit.se

ETP CUBIT®

ACCURACY THROUGH TIME

It is believed that about 3000 years BC, the Egyptian unit of length came into being.
The ”Royal Cubit Master” was carved out of a block of granite to endure for all times. Workers engaged in building tombs, temples, pyramids, etc. were supplied with cubits made of wood or granite. With this standardization and uniformity of length, the Egyptians achieved surprising accuracy. Thousands of workers were engaged in building the Great Pyramid of Giza. Through the use of cubit sticks, they achieved an accuracy of 0.05%. In roughly 756 feet or 9,069.4 inches, they were within 4 1/2 inches.

ETP Transmission AB
etp-cubit.se

Larsson Offsettryck AB, 2013-04