



**ADVANTAGE
OF TX DRIVES**
Over PH & PZ Drives

OSC
FASTER FASTENERS

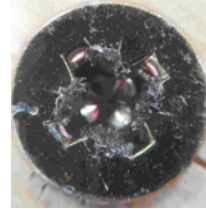
1

INSTALLATION OF PZ DRIVE IN WOOD

KDH screw due to PZ drive, requires application of a great pressure on the tool so a bit remains in the drive. However a bit can jump out, damaging both the drive and the drill bit.



PZ Before Installation

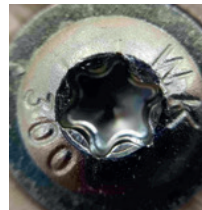


PZ After Installation

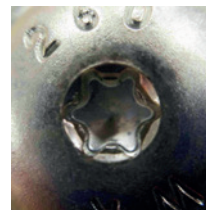
2

INSTALLATION OF TX DRIVE IN WOOD

Both the WKCP-6 and WKCP-10 screws did not cause any problems during installation. TX drive, with its shape, holds a bit deep inside, preventing its accidental jumping out. After installation the drives, despite a significant torque, remained undamaged.



TX Before Installation

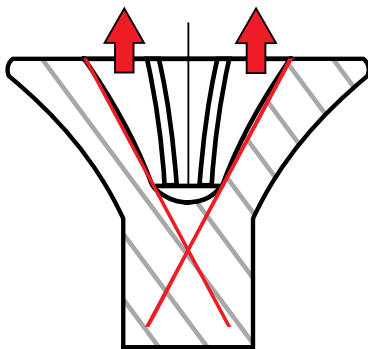


TX After Installation

3

PZ DRIVE

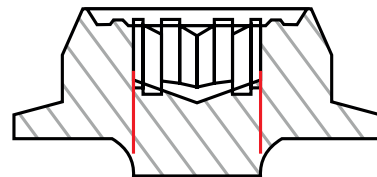
PZ and PH drives have walls at an angle. With this a bit jumps out, and such issue gets even stronger once an applied torque is increased.



4

TX DRIVE

With internal side walls of the TX drive in parallel, a bit does not generate forces causing a bit to jump out.



ADVANTAGE OF TX DRIVES OVER PH & PZ DRIVES



5

WKCS SCREW WITH TX DRIVE

TX drive guarantees optimum torque transfer and full sinking of the head in the fastened member

6

SCREW WITH PZ DRIVE

Lower torque prevented the head from being fully flush with the substrate.

7

TX DRIVE, COMPARED WITH CONVENTIONAL SCREW PROFILES, CAN TRANSFER HIGHER TORQUE WITHOUT DAMAGING BITS AND SCREWS
Such extension of life of the tool and the screw results from application of lower radial forces.

8

TX DRIVE REQUIRES NO PRESSURE UNLIKE FLAT AND CROSS PROFILES

Slipping off the tool, as in the case of flat profile, is prevented. Much higher torques can be transferred with the same force input.

9

STRONGER AND SAFER FIXING

A key advantage of the TX system is that it allows a higher torque to be transferred compared to other drive systems, which makes fixing stronger and thus safer.



FASTER FASTENERS

SUMMARY:

- There is no need to apply a high pressure on the tool when screwing as in the case of PH & PZ drives, a bit remains in the drive by itself, does not jump out, or fall out.
- Bit is held firmly in drive when screwing.
- Much less probability of damaging the drive fixings with no possibility of unscrewing a screw / bolt without special tools.
- Longer life of bits.
- Possibility of transferring much higher forces - Nm torque, which results in better tightening.

The Forge
Wheeler Lane
Linton, Kent
ME17 4BN

w: www.oscsales.co.uk

e: sales@oscsales.com

t: 0845 241 9862