

# VJT Hitech Csk Pozi

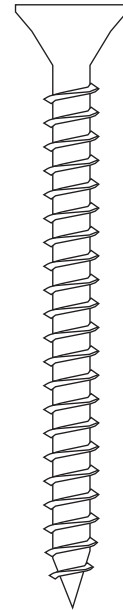
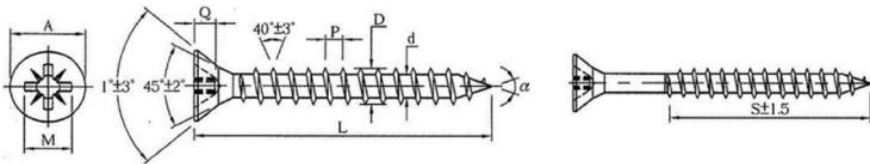
## Z & Y Chipboard Woodscrews

### Technical Data Sheet

#### Typical Applications

This screw is ideal for a variety of woodworking applications, including both softwood and hardwood projects, as well as for working with timber materials.

<b>Head:</b>	Pozi, Double Countersunk
<b>Thread:</b>	Fully Threaded up to 60mm, partially threaded on all sizes thereafter
<b>Finish:</b>	Zinc & Yellow, waxed



Screw Size	3mm	3.5mm	4mm	4.5mm	5mm	6mm
Pozi Drive Recess	Pozi 1	Pozi 2				Pozi 3
Drive Recess Depth (mm) Q	1.60 to 2.05	1.60 to 2.10	2.05 to 2.50	2.60 to 3.10	3.00 to 3.45	3.00 to 3.45
Thread Pitch (mm) P	1.35	1.6	1.8	2	2.2	2.6
Thread Diameter (mm) D	2.75 to 3.00	3.20 to 3.50	3.70 to 4.00	4.20 to 4.50	4.70 to 5.00	5.70 to 6.00
Head Diameter (mm) A	5.50 to 6.00	6.50 to 7.00	7.50 to 8.00	8.50 to 9.00	9.50 to 10.00	11.50 to 12.00
Shank Diameter (mm) d	1.70 to 2.00	1.90 to 2.20	2.20 to 2.50	2.45 to 2.70	2.80 to 3.10	3.50 to 3.80
Surface Hardness (HV)	500 - 750					
Core Hardness (HRC)	30 - 45					

Diameter	Embedment depth (mm)	Ultimate Pullout (kN)	Ultimate Mechanical Performance (kN)	
		C16 Timber	Tensile Strength	Shear Strength
3.0mm	20	1.3	3.9	2.0
	25	2.1		
3.5mm	25	1.6	5.0	2.2
	35	2.8		
4.0mm	25	2.5	5.0	2.7
	45	4.8		
4.5mm	25	2.0	8.1	3.8
	45	4.5		
5.0mm	25	2.0	10.3	6.5
	45	4.4		
6.0mm	25	2.1	13.2	7.1
	45	4.5		

#### Features and Benefits

- Manufactured from C1022, case hardened steel.
- The double countersunk design helps prevent head shear and ensures smoother countersinking for a flush finish.
- Zinc & yellow (Z&Y) corrosion resistant coating (3 microns of passivation).
- Fully threaded up to 60mm, longer sizes partially threaded.
- Waxed to reduce friction.

Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTLSP83 based on ISO6892-1, and BS EN 1382:2016 (methods available on request).

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