

HD

HEAVY DUTY

Hex Head Screws

Carpenters
Mate®

TECHNICAL DATA SHEET



PRODUCT FEATURES

- No pre-drilling required
- Fix 2/3 plies from one side only
- Easy & quick to install
- Metric hex head drive tool
- UK compatible lengths
- Excellent structural properties
- Competitively priced
- Compliant with EN 14592
- Service class 2 corrosion resistant
- Screw length stamped on head

APPLICATIONS

- Multi-ply roof trusses/girders
- Multi-ply open web beams
- Multi-ply EWP (LVL, glulam)
- Multi-ply lintels, trimmers
- Closed panel timber frame
- Panel holding down

SPECIFICATIONS



- 8mm hex head drive tool
- Four lengths:
 - 66mm
 - 87mm
 - 102mm
 - 135mm
- Thread length: 45mm
- Plain shank diameter: 5.95mm
- Outer thread diameter: 7.6mm
- Inner thread diameter: 5.3mm

DESIGN PROPERTIES (EC5)

- $M_{y,k} = 22,000 \text{ Nmm}$
- Design diameter, $d = 5.95\text{mm}$
- Withdrawal parameter:
 $f_{ax,k} = 10\text{N/mm}^{2**}$
- Head pull-through parameter:
 $f_{head,k} = 35\text{N/mm}^{2**}$
 $**(\rho_k=350\text{kg/m}^3)$

HD

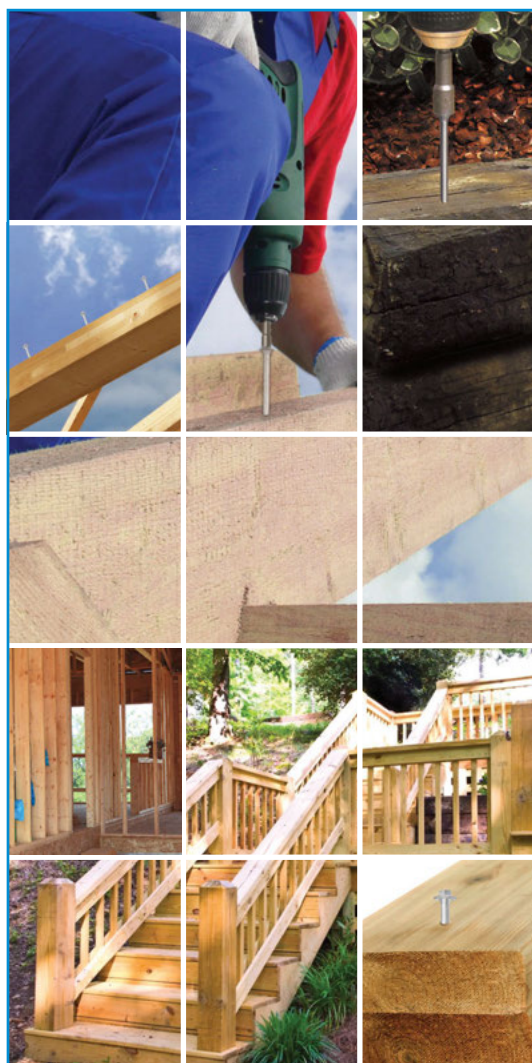
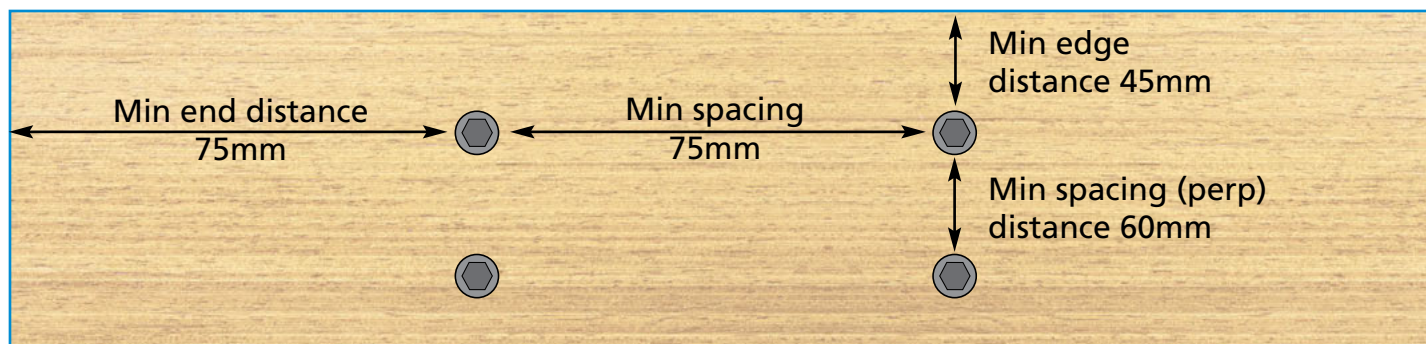
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MINIMUM SCREW SPACING / DISTANCES



FREE SAMPLE PACKS

Free sample packs are available to assist builders, specifiers and architects.

Please call OSC now for a free pack:

0845 241 9862

sales@oscsales.com



TECHNICAL ENQUIRIES

For technical enquiries please contact:

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