



ESCRHRD is a partial threaded screw with a head that combines torx and hexagonal drive, suitable for steel to timber assembly.



[EN-ETA-13/0796](#), [UK-DoP-e13/0796](#)

## FEATURES



## Material

- Hardened carbon steel
- Electrogalvanized blue passivated

## Advantages

- **Combi head:** combines both torx and hexagonal drive,
- **Conical Underhead:** for a good centering and tightening effect on steel plate
- **Asymmetric thread:** High withdrawal capacity with low installation torque
- **Toothed point:** for a better screwing start



## APPLICATIONS

### Suitable for

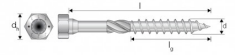
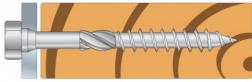
- Steel
- Solid timber, Glulam timber, CLT, wood-based panel

### When to use

- Steel to timber assembly
- Timber to timber assembly

TECHNICAL DATA

Product Dimensions



References	Fastener Dimensions [mm]					
	l	l <sub>g</sub>	d <sub>1</sub>	d	d <sub>h</sub>	Driver Bit
ESCRHRD8.0X80	80	54	5.2	8	12	SW12 - T-30
ESCRHRD8.0X120	120	84	5.2	8	12	SW12 - T-30
ESCRHRD8.0X180	180	100	5.2	8	12	SW12 - T-30
ESCRHRD8.0X240	240	100	5.2	8	12	SW12 - T-30
ESCRHRD10.0X120	120	84	6.1	10	15	SW15 - T-40
ESCRHRD10.0X180	180	108	6.1	10	15	SW15 - T-40
ESCRHRD10.0X240	240	125	6.1	10	15	SW15 - T-40

Structural Parameters - hEN14592

References	Yield Moment - M <sub>y,k</sub> [Nm]	Withdrawal Parameter - f <sub>ax,k,90°</sub> [N/mm <sup>2</sup> ]	Head Pull-Through Parameter - f <sub>head,k</sub> [N/mm <sup>2</sup> ]	Characteristic tensile capacity - f <sub>tens,k</sub> [kN]	Torsional Strength f <sub>tor,k</sub>
ESCRHRD8.0	22.6	10.9	14.6	22	24.8
ESCRHRD10.0	33	9.8	16.7	32	44.8

