

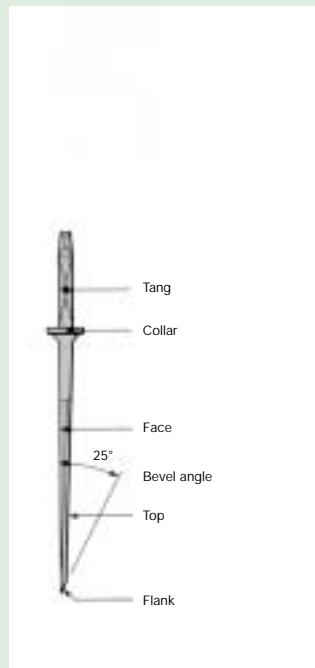
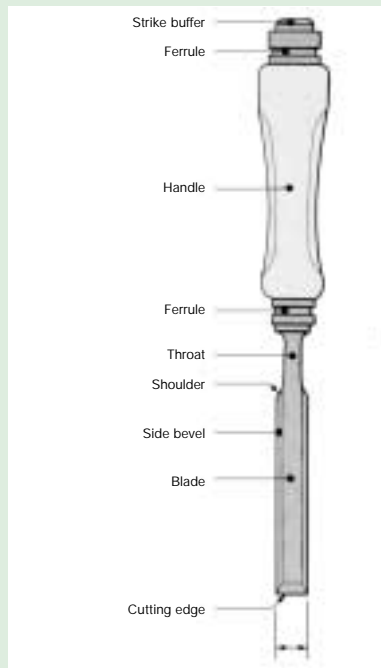
ULMIA firmer - mortise - straight gouge chisels Terminology - Specifications - DIN designations

Characteristics

The process of mortising and the working result achieved depend largely on the properties of the mortising tool. All ULMIA mortising tools possess the necessary high quality characteristics required to achieve perfect results. All chisels are manufactured in high-grade special steel with optimum cutting capability. The blade, throat, collar and tang are the result of meticulous workmanship, and all bevels are precisely ground. The tool handles are made of best quality selected white beech featuring neatly trimmed grip surfaces, the hoop and ferrule made of steel, and a galvanized strike buffer depending on the handle.

Specifications

	Firmer chisel	Mortise chisel	Gouge chisel
Overall length	285 - 315 mm	260 - 240 mm	320 - 360 mm
Blade length	155 mm	140 - 165 mm	160 - 185 mm
Blade width	4 - 40 mm	4 - 32 mm	4 - 16 mm
Hardness (Rockwell)	58 HRC	58 HRC	58 HRC
DIN	5139	5142	5143



Application

Firmer chisels:

Mortising tenons, dovetails and grooves. Recessing hardware, gouging holes (e.g. tenon holes).

Mortise chisels:

Finish mortising of flutes. Carving work. Recessing round hardware.

Straight gouge chisels:

Gouging deep holes (e.g. tenon holes).

