

Design Challenge –

Craft Knife handles have been designed in a similar fashion for a number of years – market known brands such as Stanley have made a style that has remained unchanged for a number of years.

With the focus more on the ergonomic interaction of the end user and the product, a focus has been drawn to the development of the comfort of grip during use of the product, a change in aesthetics and improvement with the anthropometric proportions of the handle.

Design Criteria:

The product MUST:

- Fit the hand

- Be comfortable to hold

- Be easy to grip

- Accommodate a standard 'Stanley' blade

- Include a method to hang the product up after use for storage

- Include the manufacturers logo / brand



Timescale:

You should use 3 hours to research and design your proposals. In September there will be 2 weeks to prototype and complete proposals and must include a range of 2D / 3D models from a range of media. Final proposals are to be photographed and presented with full annotation for how the proposal meets the design criteria.

Design Challenge –

Included with the challenge with the Craft Knife handles, you are to develop the range of sketching skills you have to deliver your design concepts in a mixture of 2D and 3D design sketches – continue to review the work you undertake and use some / all of the initial thoughts to develop your conceptual thinking further.

Design Criteria:

The product MUST:

Have 2D sketches

3D sketches

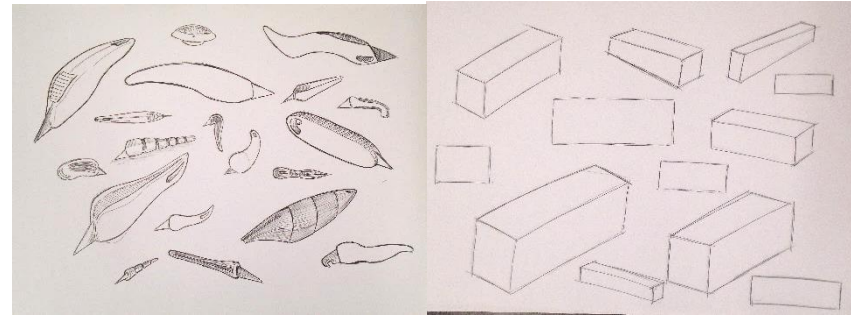
Some detail for grip

Method of hanging the proposal after use

Added tone for key areas

Some colour to emphasise preferred proposal

Annotation for key areas



Timescale:

You should allocate a minimum of 2 hours to complete the challenge – remember there are no wrong answers so if a design is not to your liking – no rubbing out thanks – leave it and move on. Try sketching with a pen – it means you cannot rub it out. Be bold be confident.

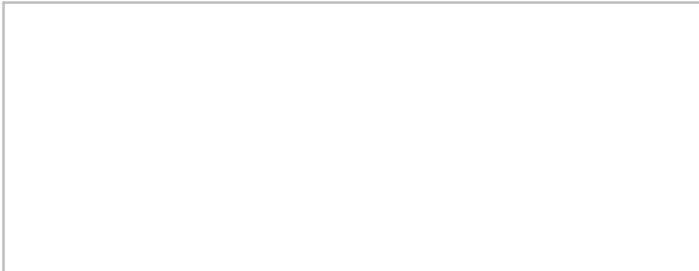
Top View



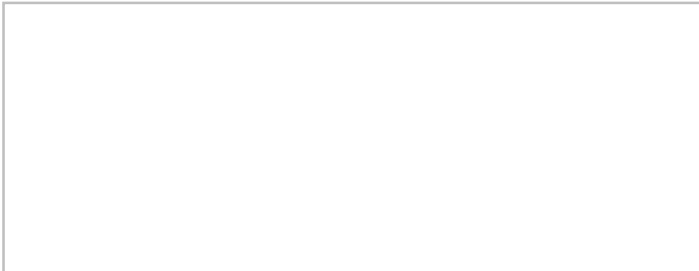
Side View



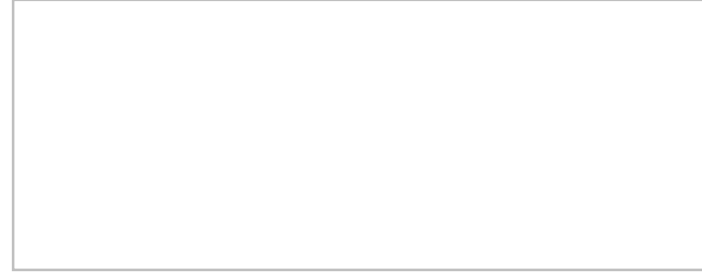
Top View



Side View



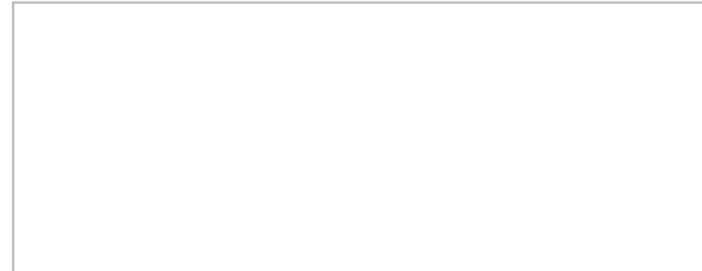
Top View



Side View



Top View



Side View

