BROOKS forgings
THE NON STANDARD SPECIALISTS

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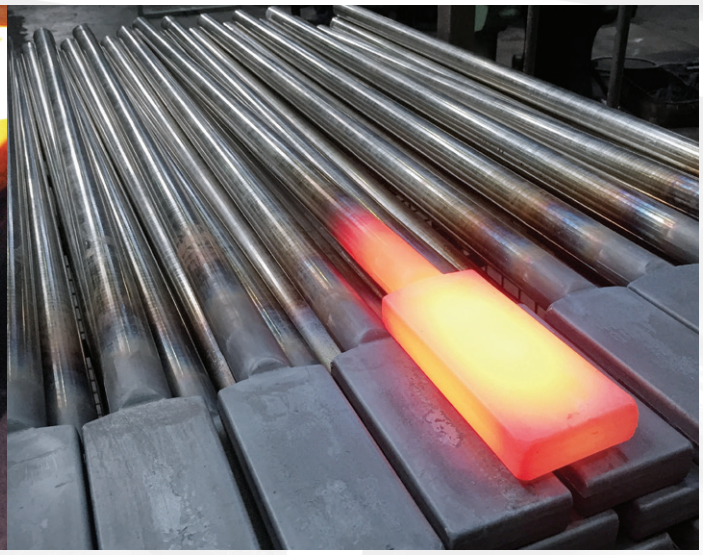
UPSET FORGING

The UK's leading specialist with 16 Upset Forging cells producing components up to 100mm diameter and 6-meter length in standard & specialist materials.



Upset forging is a manufacturing process that increases the diameter of a workpiece by compressing its length.

This is achieved by holding one end of the material while an axial force is applied to the other, causing the material to plastically deform and "upset" or bulge outwards.

The process is commonly used for creating larger heads on fasteners like bolts and screws, or for producing other components requiring an enlarged section at one end such as torsion bars. It also offers benefits such as improved grain structure and mechanical properties, along with material savings compared to machining from larger stock.

Raw bar lengths are typically 3 or 6 metres but our maximum can exceed this if longer lengths are available from stock.

BRITISH MADE

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