

FORGED BLANKS & USAGES

Our diverse range of in-house forging processes enable us to produce a wide range of near net solutions in ferrous and non-ferrous materials.



The term 'near net shape' is given to a blank or usage that is forged to be close to the size and shape required for the final component.

This process aims to reduce raw material waste and subsequent machining operations, offering significant cost savings and improved production times.

Forged near-net shapes also have the added benefit of aligned and compressed grain flow giving finished machined components increased strength and resilience over their fully machined or cast counterparts.

MACHINING & FASTENER COMPANIES:

- Substantial raw material savings.
- Strength benefits due to compressed and aligned grain flow.
- Improved machining cycle times.
- Increased shop capacity as a result of improved cycle times.
- Reduced raw material waste.
- Reduced energy costs.
- Reduced tool and tip cost, less material removal in required.

DROP FORGING COMPANIES:

- Remove pre-form operations, improving production cycle times.
- Die size and cost reduced, by removing pre-forming impressions.
- Avoids offset die working, reducing hammer wear and stress.
- Reduced material waste, less flash.
- Reduced energy cost, through improved cycle time.

