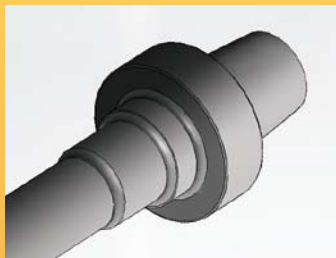


Flanged-End Forging Solutions from Scot Forge



Custom Flanged-End Forgings



We can forge a variety of high-strength flanged-end parts with custom heads, such as:

- Kelly Bars
- Tie Rods
- Eye Bolt Shafts
- Stepped Hollows
- Tapered Spindles
- End Journals
- Controllable Pitch Propeller Shafts



Where can you get high-strength flanged-end parts without high cost and long lead time?

How can you prevent field failure of a head that is welded or machined down from a larger diameter bar?

Who do you turn to if your part has high volume or repeatable usage?

Scot Forge is the answer!

The Benefits of Working with Scot Forge

Flanged-End Forgings

Scot Forge can provide custom flanged-end forgings with heads that are upset in a variety of shapes, including single, tapered, or multiple diameters. Using custom-made or in-house tooling, we can upset:

- Bars from 3.75" to 12" starting diameters in 15' to 50' lengths
- Finished head diameters 5" to 15" (up to 24" with open upset)



21" flanged-end open upset forging

Starting Stock Options

Starting stock can be an in-house Scot Forge forged bar, from 6" to 12" diameter, or we can convert your 3 3/4" to 12" outsourced bar stock. Scot Forge maintains an extensive

inventory of material, including carbon, alloy, and stainless.

Material Savings with Near Net Shape

Our upset forging process produces parts close to net shape with forged-in instead of machined-in steps, tapers, and I.D./O.D. dimensions. This avoids excessive material usage, unnecessary machining, and their related costs.

Impact Strength

Proper orientation of grain flow assures maximum impact strength—resulting in superior quality over machining from bar stock.

Repeatable Quality

With an automated integral control system, along with precise production and quality control parameters, our upset press can yield flange ends with accurate and consistent quality.



Our flexibility allows for high or low volume runs.

Flexible Quantities and Fast Delivery

Our upset press handles high or low volume flanged-end parts. Once tooling is produced and bar stock is available, processing can begin immediately, and you can order smaller release quantities based on need. Your flanged-end parts may be available in just a few weeks if no further processing is required.

Value Added Options from One Source

Whether you need your parts "as forged," rough machined, heat treated, tested, or any combination of the above, Scot Forge provides single source responsibility—so you can prevent delays and quality problems that arise with multiple suppliers.

