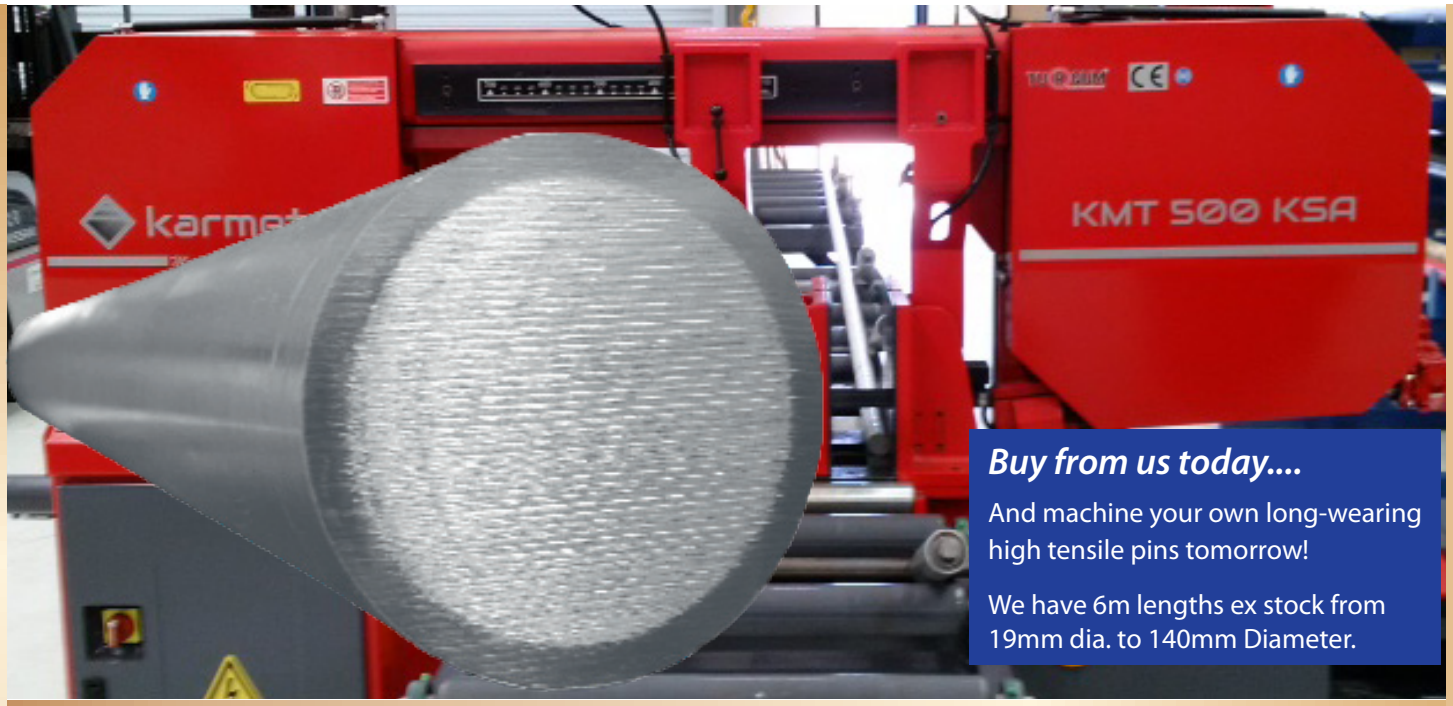
Induction Hardened K1045 Bright Shaft

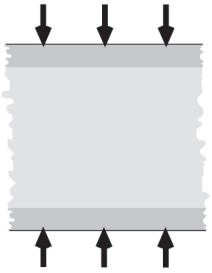


Buy from us today....

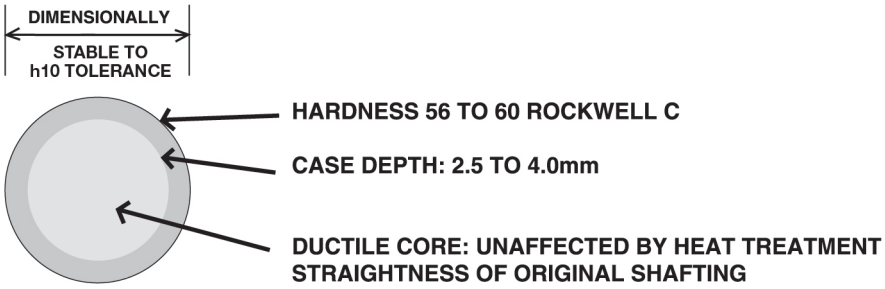
And machine your own long-wearing high tensile pins tomorrow!

We have 6m lengths ex stock from 19mm dia. to 140mm Diameter.

For this improved engineering concept:



HEAVY WALL CASE COMPRESSING DUCTILE CORE GIVES HI - TENSILE STRENGTH!



This ***Pre-Hardened Shafting*** is easily machined with Tungsten Carbides such as Mitsubishi VP15TF and Iscar IC907 Carbide, Whisker reinforced Ceramics etc.

Part it off in the lathe!

Using Iscar IC908, IC354 or IC328 Tungsten Tips, Tungaloy

Machine circlip grooves!

As narrow as 1.2mm with Iscar IC908

Cross- Drill bolt holes!

With masonry drills, solid carbide etc, or spot anneal with flame, then drill with High Speed Steel.

Bore it!

With conventional tools within 5mm of surface!

Mill it!

With Iscar IC908 & IC830 tungsten inserts.

Weld it!

With general purpose electrodes & MIG Welding.

THE EARTHMOVING ENGINEER'S FIRST CHOICE:

Most pins used in earthmoving equipment by original manufacturers are ***Induction Hardened K1045.***

Toughness - the ability to resist breaking ~ is best produced by ***Induction Hardening*** resulting in much higher tensile shear and yield strength than ***Hardened & Tempered 4140***.

Surface hardness - the ability to resist wear by abrasion ~ is produced to greater depths by ***Induction Hardening*** to an optimum 58 Rockwell C (625 brinell) giving wear life up to 10 times longer than ***Hardened & Tempered 4140***

THE EARTHMOVING ENGINEER'S ULTIMATE PIN

KSet Super Pin material is made by ***Induction Hardening*** the precision ground ***Hardened & Tempered 4140*** steel (as available from steel stores) to 58 Rockwell C

Never use ordinary ***Hardened & Tempered 4140*** again!