

Case Study | Saw and Process Review

Customer: Steel Service Center

Challenges:

1. Slow cut time and inconsistent cut quality on high density/high cost 6" solid round
2. Multiple blade types used creating confusion for operators
3. Machine performance is unpredictable

Benchmarking:

1. Saw condition – check all systems, operating conditions
2. Measure current speeds and feeds, blade life
3. Measure change over time/labor
4. Measure current cost per cut



Solution: Saw tune up and calibration, part profile and material analysis, created cut sheets for all operators to follow optimum cutting rates, speeds

Results:

- Replaced bearings and guides, improving straightness of cut
- Recommended 3 blades
 - One for 6" round HD
 - reduced cost per cut from \$5.63 to \$3.18 = **44% reduction**
 - Balance of materials: reduced 3 blades to 2.
 - Eliminated inventory and 33% of change over.
 - Eliminated 2 week lead time from previous supplier to next day delivery of all blades.



**TA Industrial
Solutions**

supplying the way
to maximum yield