

# Castings and Rotors

Design + Expertise Equals a Perfect Match



**Riverside Engineering**

Refining Scrap Metal Recycling

**866.764.7567**

**megashredder.com**



## CASTINGS

Designed to provide the lowest cost per ton, we provide a complete line of Casting products. Our unique combination of engineering design and manufacturing expertise ensures a perfect match to your application.

### Complete Line of Wear Parts

- » Hammers
- » Grates
- » Pin Protectors
- » Reject Doors
- » Liners
- » Caps
- » Feed Roll Teeth
- » Anvils



INTEGRATED  
RELATIONSHIP  
WITH PROVEN,  
DEPENDABLE  
FOUNDRIES



INDEPENDENT  
QUALITY  
CONTROL  
LAYERED WITH  
THE FOUNDRY'S  
OWN QUALITY  
CONTROL



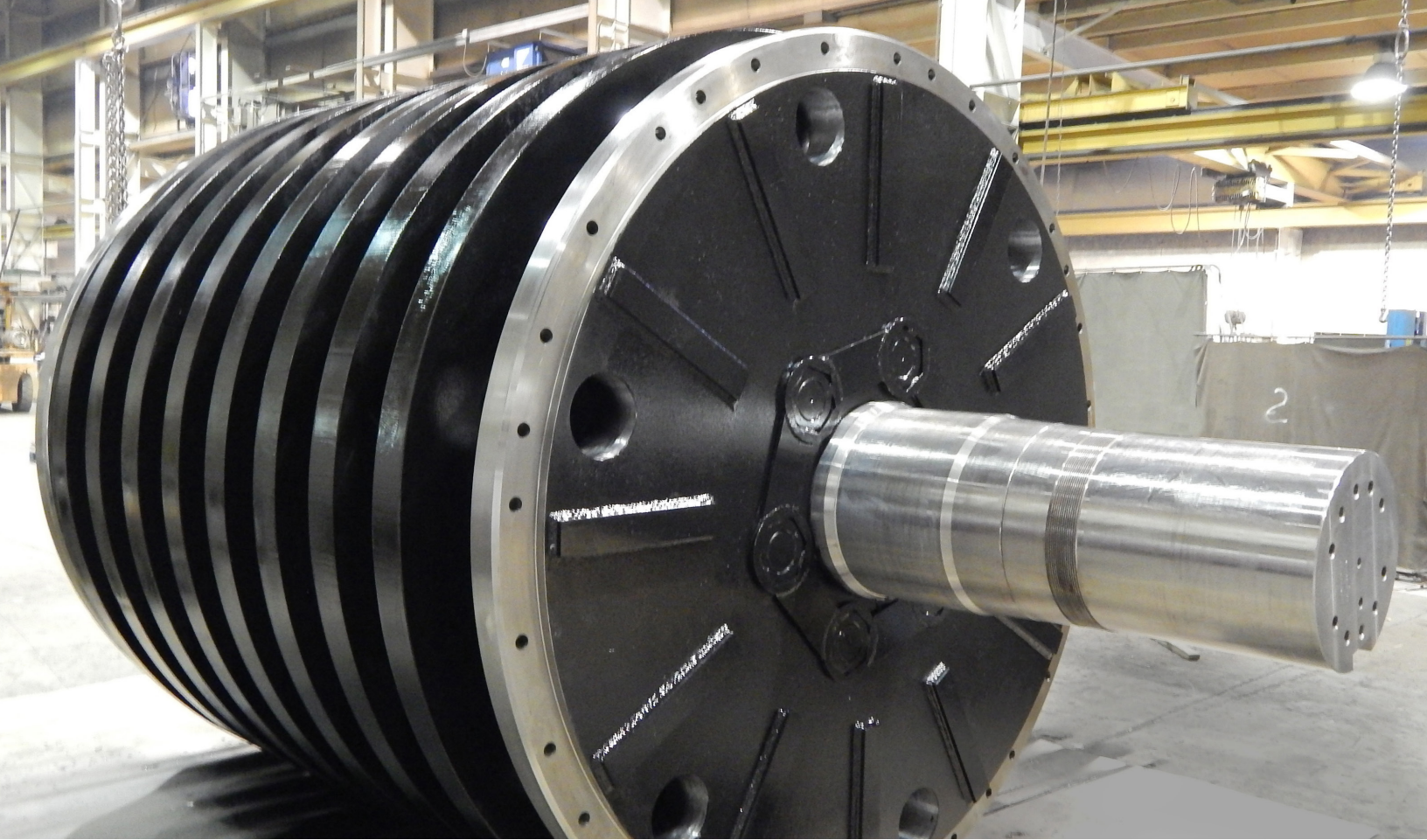
VERIFIED  
CHEMISTRY OF  
CASTINGS  
AT LAB IN  
UNITED STATES



PROVEN  
HADFIELD  
MANGANESE



COMPETITIVE  
PRICING  
WITHOUT  
COMPROMISING  
QUALITY



## ROTORS

Developed and built to perfection, we offer a unique combination of engineering design and manufacturing expertise. In addition, Riverside offers rebuilds of existing rotors at your site or at one of our fabrication shops.

### Standard Rotor Rebuild Services

- » Disassembly of Rotor, remove Discs/Spiders
- » Shaft testing: ultrasonically & mag particle
- » Machine main shaft body for reuse
- » Re-mill keyways
- » Evaluate and cleanup spacers for reuse
- » Supply new Tie Rods, Nuts & Key Stock
- » Reassembly of components with shrink fit
- » High-quality disc hard-facing
- » Refurbishment of shaft journals
- » Refurbishment of bearing assemblies



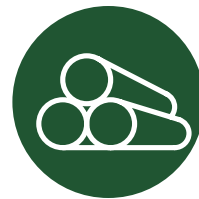
DISC & SPIDER CONFIGURATIONS MADE OF PROPRIETARY PLATE OR CAST ARMOR STEEL



ROTOR SHAFTS ARE HIGH-GRADE FORGED ALLOY, VACUUM DEGASSED FROM US SOURCES



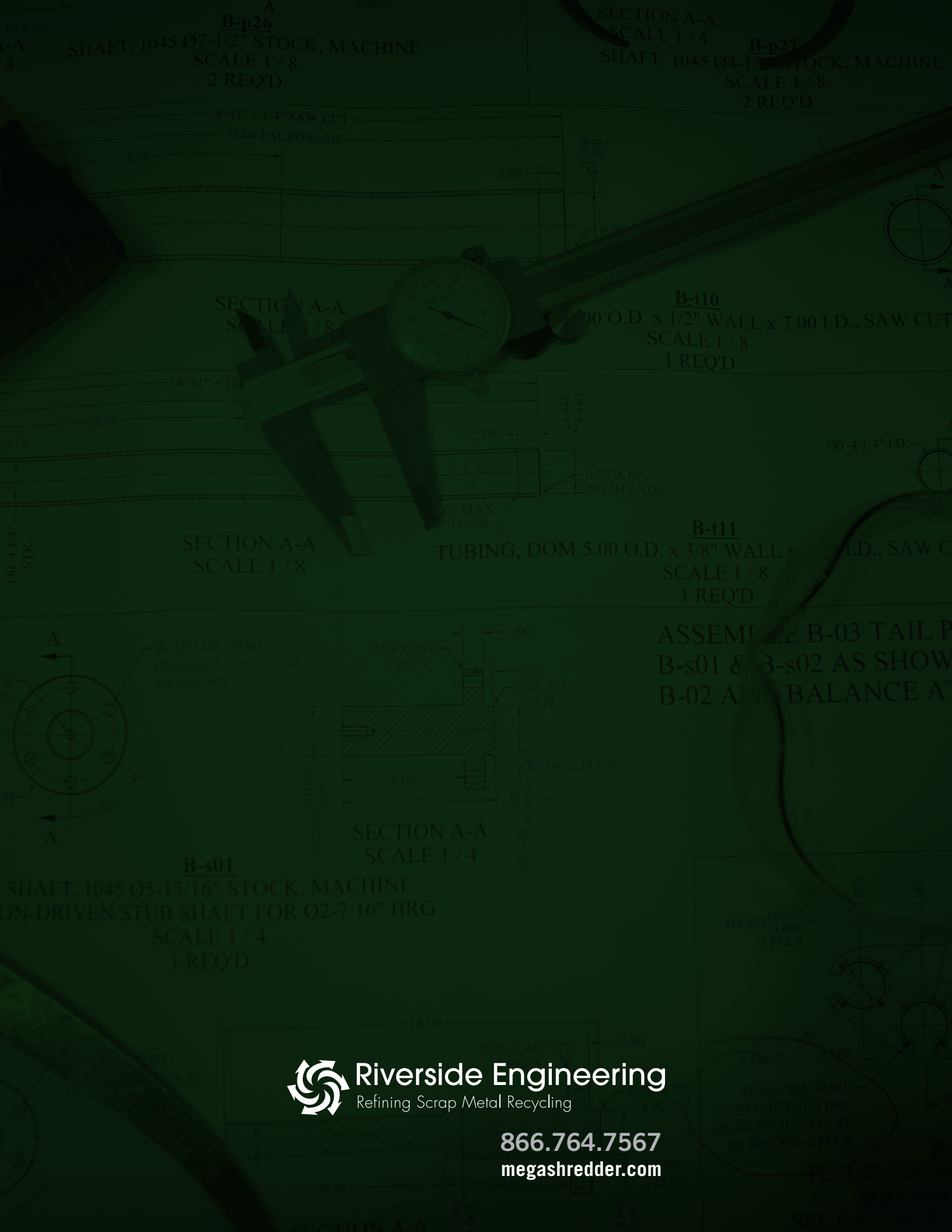
PRECISION SHRINK FITTING FOR OPTIMAL DISC/ SPIDER ADHESION FOR LONGER SERVICE LIFE



RIVERSIDE TEAM HAS DESIGNED AND MANUFACTURED HUNDREDS OF SHREDDER ROTORS



EVERY ROTOR ASSEMBLY ASSIGNED PROJECT MANAGER FOR TIMELY DELIVERY OF HIGH-QUALITY ROTORS



SECTION A-A  
 SCALE 1/8  
 SHAFT, 1045 Ø7-1/2" STOCK, MACHINE  
 SCALE 1/8  
 2 REQ'D

SECTION A-A  
 SCALE 1/4  
 SHAFT, 1045 Ø4-1/2" STOCK, MACHINE  
 SCALE 1/8  
 2 REQ'D

SECTION A-A  
 SCALE 1/8

B-t10  
 Ø7.00 O.D. x 1/2" WALL x 7.00 L.D., SAW CUT  
 SCALE 1/8  
 1 REQ'D

SECTION A-A  
 SCALE 1/8

B-t11  
 TUBING, DOM 5.00 O.D. x 3/8" WALL x 7.25 L.D., SAW CUT  
 SCALE 1/8  
 1 REQ'D

ASSEMBLY B-03 TAIL P  
 B-s01 & B-s02 AS SHOWN  
 B-02 AND BALANCE AT

SECTION A-A  
 SCALE 1/4

B-s01

SHAFT, 1045 Ø5-15/16" STOCK, MACHINE  
 ON-DRIVEN STUB SHAFT FOR Ø2-7/16" BRG  
 SCALE 1/4  
 1 REQ'D



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