



# THERM-TECH OF WAUKESHA, INC.

## CUSTOMER ORDER WORKSHEET

Phone (262) 549-1878 • Fax (262) 549-4320  
www.thermtech.net • Waukesha, WI 53189

301 Travis Lane - Forge/Foundry Plant - Plant Manager: Tim Komar  
305 Travis Lane - Tool Steel Division - Plant Manager: Kirk Springer  
For Quotations Contact: Sales Manager - Jason Kupkovits  
For Shipping/Receiving Contact: Shipping Manager - Mickey Doll  
Quality Control Manager - Tim Riemer



CUSTOMER NAME \_\_\_\_\_ CUSTOMER P.O. NUMBER \_\_\_\_\_

REQUESTED BY \_\_\_\_\_ PHONE # \_\_\_\_\_ DATE \_\_\_\_\_ THERM-TECH QUOTE # \_\_\_\_\_

INSTRUCTIONS: PLEASE USE 1 SHEET PER ALLOY. IF USING THE SAME ALLOY BUT DIFFERENT HARDNESS REQUIREMENTS, THEN USE A SEPARATE SHEET FOR EACH.

CONTAINER DESCRIPTION \_\_\_\_\_ NUMBER \_\_\_\_\_

### PRESENT CONDITION OF PARTS

FINISHED     SEMI     ROUGH     ANNEALED     CARB ONLY     PRETREATED     WELDED

QTY	PART #	DESCRIPTION	HARDNESS	JOB NUMBER	UNIT WEIGHT	TOTAL WEIGHT COLUMNS
			SAME			
			SAME			
			SAME			

### ALLOY SELECTION

- 1018                       4340
- 1045                       8620
- 1075                       GREY IRON
- 1141                       DUCTILE IRON
- 1144                       356 ALUMINUM
- 12L14                      6061 ALUMINUM
- 4140                       OTHER \_\_\_\_\_
- P20
- O-1
- A-6
- A-10

### PROCESSES (CHECK THOSE THAT APPLY)

- AGE TO HARDEN TO CONDITION \_\_\_\_\_     AUSTEMPER
- CARB HARDEN TO \_\_\_\_\_ (EFF/TOTAL)(CASE)     STRESS RELIEVE  
"REQUIRES HARDNESS SPEC."
- CARBURIZE ONLY TO \_\_\_\_\_ DEEP     NORMALIZE
- CARBONITRIDE TO \_\_\_\_\_ (EFF/TOTAL)(CASE)     NORMALIZE AND TEMPER
- GAS NITRIDE TO \_\_\_\_\_ (EFF/TOTAL)(CASE)     STRAIGHTEN ONLY
- DOUBLE TEMPER     HARDEN AND TEMPER
- FLAME HARDEN - NEED PRINT OR DESCRIPTION OF AREA TO BE FLAME HARDENED     BLAST ONLY
- FULL ANNEAL     MAR-QUENCH THROUGH SALT
- SOLUTION ANNEAL     CRYO-TREAT TO (-100F)/(-300F)
- SUB-CRITICAL ANNEAL

WILL PARTS BE EDM'D AFTER HEAT-TREAT? OR COATED? (Parts will receive an additional temper if checked.)

### ADDITIONAL PROCESSING

MASK OR PAINT \_\_\_\_\_

STRAIGHTEN TO \_\_\_\_\_

\*THERM-TECH POLICY IS THAT WE CAN STRAIGHTEN TO A TOLERANCE OF .001" PER INCH OF LENGTH, IF REQUIRED. CALL US IF YOU NEED ANYTHING CLOSER.

SHOT BLAST

HAND BLAST

RUST INHIBITOR

### QUALITY CONTROL REQUIREMENTS

100% HARDNESS INSPECTION REQUIRED     CERTIFICATION OF HEAT-TREATMENT     FURNACE CHARTS REQUIRED     HEAT-TREAT TO THE ATTACHED SPECIFICATION \_\_\_\_\_

CUSTOMER PICK UP

THERM-TECH TRUCK

UPS

CALL

SHIP TO SUSSEX ZINC FOR BLACK OXIDE

COMMENTS/SPECIAL INSTRUCTIONS OR SHIP TO ADDRESS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RECEIVED BY: \_\_\_\_\_