ISO 9001 : 2000 Registered QMS

THERM-TECH OF WAUKESHA, INC.

CUSTOMER ORDER WORKSHEET

Phone (262) 549-1878 • Fax (262) 549-4320
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 —Allen Ladd

MTI METAL TREATING INSTITUTE

TOOL & DIE & MACHINING ASSOCIATION OF WISCONSIN, INC.

ASR AMERICAN SYSTEMS REGISTRAR

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

PROCESSES (CHECK THOSE THAT APPLY)

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

☐ **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 ☐ BLACK OXIDE

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: _____