



ISO 9001 : 2000
Registered
QMS



THEM-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



TOOL & DIE MACHINING
ASSOCIATION OF WISCONSIN, INC.



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
- 0-1
- 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

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: _____