



# THERMTECH

## CUSTOMER ORDER WORKSHEET

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 www.thermtech.net • Waukesha, WI 53189

CUSTOMER SERVICE: csr@thermtech.net

SHIPPING: shipping@thermtech.net

QUOTES: sales@thermtech.net

REQUESTED DATE: \_\_\_\_\_

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 \_\_\_\_\_

- FINISHED - HANDLE WITH CARE!     
  WELDED - DOES NOT REQUIRE ANNEALING     
  WELDED - PLEASE ANNEAL FIRST

QTY	PART #	DESCRIPTION	HARDNESS	JOB NUMBER	UNIT WEIGHT	TOTAL WEIGHT COLUMNS
			<b>SAME</b>			
			<b>SAME</b>			
			<b>SAME</b>			

### HOT WORK STEELS

Steel Grade				Process		
<input type="checkbox"/> H-13 Premium	A1885	<input type="checkbox"/> Uddeholm Vidar Supreme	D1830	<input type="checkbox"/> NADCA 207-2008 Class 1	<input type="checkbox"/> Final Temper @ _____ °F	
<input type="checkbox"/> H-13 Superior	B1885	<input type="checkbox"/> Bohler W400 VMR	E1810	<input type="checkbox"/> NADCA 207-2008 Class 2	<input type="checkbox"/> Gas Nitride	
<input type="checkbox"/> Uddeholm Dievar	C1850	<input type="checkbox"/> Uddeholm Vidar Superior	E1825	<input type="checkbox"/> NADCA 207-2008 Class 2 No Certs Charts.	<input type="checkbox"/> Double Temper	
<input type="checkbox"/> Bohler W403 VMR	C1885	<input type="checkbox"/> Kind TG-1	E1820	<input type="checkbox"/> Ford AMTD-DC2010	<input type="checkbox"/> Triple Temper	
<input type="checkbox"/> Ellwood ExEII Hot Die	C1885	<input type="checkbox"/> Thyrotherm E38K	E1850	<input type="checkbox"/> G. M. DC-9999-1	<input type="checkbox"/> Stress Relieve	
<input type="checkbox"/> Kind RPU	C1885	<input type="checkbox"/> ADC 3	E1885	<input type="checkbox"/> Not Aluminum Die Cast	<input type="checkbox"/> Straighten Only	
<input type="checkbox"/> Thyrotherm 2367	C1885	<input type="checkbox"/> Dunn DSS#3	E1885	<input type="checkbox"/> Cryo Treat to (-100°F) / (-300°F)	<input type="checkbox"/> Blast Only	
<input type="checkbox"/> Bohler W300 Isobloc	D1830	<input type="checkbox"/> Ellwood ExEII Tuf-Die	E1885	<input type="checkbox"/> Other	<input type="checkbox"/> Anneal	
<input type="checkbox"/> Thyrotherm 2343 Supra	D1830	<input type="checkbox"/> KDA-1	E1885			
<input type="checkbox"/> Other						

**NADCA 207-2008 Class 2 Requires Certs, Charts, Hardness, & Micro. Level 1 Also Requires Impact Test**

### OTHER TOOL STEELS

Steel Grade			Process		
<input type="checkbox"/> A-2	<input type="checkbox"/> S-5	<input type="checkbox"/> Stavax ESR Superior	<input type="checkbox"/> Age Harden to Condition	<input type="checkbox"/> Stress Relieve	
<input type="checkbox"/> A-6	<input type="checkbox"/> S-7	<input type="checkbox"/> Mirrax ESR	<input type="checkbox"/> Vacuum Harden & Temper	<input type="checkbox"/> Straighten Only	
<input type="checkbox"/> A-10	<input type="checkbox"/> Caldie	<input type="checkbox"/> 410 SS	<input type="checkbox"/> Vacuum Harden & Double Temper	<input type="checkbox"/> Blast Only	
<input type="checkbox"/> D2	<input type="checkbox"/> K340 Isoblock	<input type="checkbox"/> 416 SS	<input type="checkbox"/> Vacuum Harden & Triple Temper	<input type="checkbox"/> Cryo Treat to (-100°F) or (-300°F)	
<input type="checkbox"/> CPM 3 V	<input type="checkbox"/> Vanadis 4 Extra	<input type="checkbox"/> 420 SS	<input type="checkbox"/> Full Anneal	<input type="checkbox"/> Straighten Only To:	
<input type="checkbox"/> CPM 9 V	<input type="checkbox"/> Vanadis 6	<input type="checkbox"/> 440 C SS	<input type="checkbox"/> Sub-Critical Anneal	<input type="checkbox"/> Final Stress Temper @ _____ °F	
<input type="checkbox"/> CPM 10 V	<input type="checkbox"/> Vanadis 10	<input type="checkbox"/> 17-4 PH	<input type="checkbox"/> Solution Anneal	<small>(for parts that have been already hardened and need a temper to remove stresses. If parts were hardened at Thermtech then the packing list number of that hardening job will be required.)</small>	
<input type="checkbox"/> CPM 15 V	<input type="checkbox"/> Vanadis 23	<input type="checkbox"/> 17-7 PH			
<input type="checkbox"/> M-2	<input type="checkbox"/> W360 Isoblock	<input type="checkbox"/> 15-5PH			
<input type="checkbox"/> Z-A11	<input type="checkbox"/> H-19/H-21	<input type="checkbox"/> DC53			
<input type="checkbox"/> Other					

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

### ADDITIONAL PROCESSING

STRAIGHTEN TO \_\_\_\_\_  SHOT BLAST   
  HAND BLAST   
  RUST INHIBITOR

\*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.

### 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

COMMENTS/SPECIAL INSTRUCTIONS OR SHIP TO ADDRESS:

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

## **STATEMENT OF LIABILITY**

### **ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS:**

(Adopted by the Metal Treating Institute.) It is generally recognized that even after employing all the science known to us and capable men with years of training, there still remain hazards in heat treating. Therefore, our liability to our customers shall not exceed twice the amount of our charges for the work done on any material, (first to reimburse for the charges and second to compensate in the amount of the charges), except by written agreement. Warranty will be assumed by us only when made in writing and signed by both you and us. In such event a higher charge will be made for our services. No claims for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by written agreement, as above, nor in any case for rupture caused by subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of materials (i.e., make, brand, and grade of steel) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing assembling or any other work has been done on said material. No agent or representative is authorized to alter these rules and conditions, except by writing duly approved by us.