

## Parts Price List

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# Monotype-Thompson Type-Caster

**"20% PRICE INCREASE"**

**EFFECTIVE, *March 1, 1941***

**(Revised April 2, 1942)**

*Subject to change without notice*

**Lanston Monotype Machine Company**

**Philadelphia, Pa.**



432-4-42-550



## Parts Price List

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# Monotype-Thompson Type-Caster

With a preface which gives: 1. Our guarantee and charges. 2. Directions for ordering parts including a simple explanation of our method of designating parts and the way they are arranged in this book.

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This Price List is for use with machines 10300 and following. For machines prior to 10300 consult Philadelphia

Lanston Monotype Machine Company  
Philadelphia, Pa.

Parts Price List

# Monotype-Thompson Type-Caster

With a price which gives it our guarantee and  
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# PRICE LIST OF PARTS

## GUARANTEE AND CHARGES

WE GUARANTEE every article to be free from all defects of material or workmanship, and will gladly replace (f.o.b. our factory) any parts that are not up to this standard of Monotype quality.

ALL PRICES are net f.o.b. our factory, and are subject to change without notice; all expenses for freight, expressage, postage or special requirements of customers are additional.

SUPERSEDED PARTS will be furnished at list prices as long as we have them in stock. When our stock is exhausted, the improved parts which have superseded them must be furnished instead or, if the superseded parts are made special, they will be charged accordingly.

SPECIAL WORK of any kind, such as alterations, changes, rebuilding, repairing, or applying of parts, will be charged extra, in addition to the parts used, unless specifically stated to the contrary.

## DIRECTIONS FOR ORDERING PARTS (A Careful Reading Is Important)

All of these directions are essential. You will save time, trouble and money by reading them carefully before ordering any parts.

If you are not familiar with the Monotype-Thompson terms here used, read "Designation of Parts" which follow these "Directions for Ordering Parts."

**To enable us to fill orders correctly you must give us the following information:**

- (1) Give the number of the machine for which the part is required (stamped on the Name Plate).
- (2) Give the name of the part.
- (3) Give the symbol of the part (give every character in the symbol exactly as printed—every one means something).
- (4) Give the quantity required of each part.

**To insure getting the correct name and symbol:**

Use the Plate Book to find number of part; then refer to Translation of Symbols in back of this book and order by this symbol, price of which may be found in this Price List.

To order a complete attachment for a machine give the number of the machine and the name of the attachment.

## DESIGNATION OF PARTS

(Name)	(Quantity)	(Classification Number)	(Symbol)	(Price each)
Base Bearing Cap Screw	(4)	25	a1TC3	★.13

NAME: Shows that these Screws are the ones that hold the "Bearing Cap."

QUANTITY: Four of these Screws; where no quantity is given "1" is understood.

CLASSIFICATION NUMBER: Standard pieces which may be used in several places under different symbols are given classifying numbers; those numbers beginning with "1" are bolts, "2" screws, "3" nuts, "4" washers, "5" dowels, "6" springs, "7" rivets, "8" spring pins and posts, "9" cotters. All pieces having the same classification number are alike without regard to what their symbols may be.

SYMBOL: Identifies and locates the part. The letters "TC" indicate that these Screws are part of the Thompson Caster. The figure 1 preceding the letters indicate that these Screws are in group 1 (groups being numbered consecutively from one up). The figure 3 following the letters indicates that these Screws are the third piece of this group (the individual pieces comprising each group are numbered consecutively). If lowercase letter precedes the first figure in the symbol (for example, a1TC3 Screw) it indicates there have been one or more changes in the piece and the new piece is not interchangeable with the superseded one without changing or altering other parts. If the letter "T" is repeated as the last character of the symbol (for example, 17TC1T) it indicates that this piece is furnished only assembled with one or more other pieces, in which case a reference mark replaces the price and a note at the end of the group gives details and price for the assembly. When a cap "X" is the first character of the symbol (for example, Xa65TC) it calls for the complete group as listed above it.

PRICE: Always given for one piece and must be multiplied by the "quantity" to obtain the total. If a price is given, the piece can be furnished separately. If a black star (★) precedes price, this amount is included in the price of an assembled part given in one of the notes following the group but may be purchased separately if desired. If the price is replaced by a reference mark, it indicates the piece is furnished only assembled with one or more other pieces and the price given in the note at the end of that group includes the price of all pieces in the assembly. The price opposite the complete symbol (symbol starting with "X") is for all the parts in the group as indicated.

(+) Where black cross is shown consult Philadelphia for price.

(♦) Refers to information at bottom of group.

# CONTENTS

The Contents contains a complete list of all Groups on the Monotype-Thompson Type-Caster Machine and its Attachments, arranged in numerical order of its symbols. Use Contents when the symbol of a part is known but its correct name is NOT known. The contents gives the symbol and the name of the part, its location in the Price List being in numerical order.

1TC Base	34TC Matrix Holder (Cellular)	66TC Oil Pipe
2TC Cam Shaft	35TC Matrix Holder (English Cellular)	67TC Oil-pipe Cover
3TC Cam-shaft Bearing (R. H.)	36TC Matrix Holder (Ludlow Matrices)	68TC Piston
4TC Cam-shaft Bearing (L. H.)	37TC Melting Pot	69TC Piston Lever
5TC Cam-lever Shaft	38TC Melting-pot Yoke	70TC Piston-lever Fulcrum Pin
6TC Choker-cam Lever	39TC Melting-pot-yoke Lock	71TC Piston-lever Link
7TC Choker Valve	40TC Melting-pot-yoke Stud	72TC Piston Spring
8TC Choker-valve Lever	41TC Micrometer-set-adjusting Device	73TC Piston-lever Spring
9TC Choker spring-rod	42TC Mold and Matrices	74TC Piston-spring Tension Pulley
10TC Clutch	43TC Mold Jet Ejector	75TC Piston-spring-tension-pulley Pawl
11TC Clutch-shifter-rod Latch	44TC Type Body Piece	76TC Pump-cam Lever
12TC Door (lower)	45TC Type-body-piece Plate	77TC Pump Stop
13TC Door (side)	46TC Type-body-piece-plate Adjusting Screw	78TC Pump-cam Cover Plate
14TC Door (upper)	47TC Vertical Mold Blade	79TC Type-receiving Plate
15TC Door-spring Latch	48TC Mold-body Lever	80TC Type-receiving Shoe
16TC Foot Plow	49TC Mold-body-cam Lever	81TC Type Stick
17TC Friction Plate	50TC Mold-body-lever Shaft	82TC Type-box Bracket
18TC Friction Wheel	51TC Mold-body-lever Cross Block	83TC Water-drain Cup
19TC Friction-wheel-shaft Oil Cup	52TC Vertical-mold-blade Lever	84TC Stop Motion
20TC Gas Burner	53TC Vertical-mold-blade-cam Lever	85TC Vertical-mold-blade Stop Screw
21TC 72-Point Gauge	54TC Mold Stand	86TC Automatic-feeder-bracket Clamp
22TC Jet Box	55TC Mold-stand Screws (rear)	87TC Matrix Holder (Giant Matrices)
23TC Main Stand	56TC Mold-stand Screws (front)	88TC Matrix Holder (English Display)
24TC Main-stand Key	57TC Mold-stand Key	89TC Type Extractor
25TC Main-stand Screw	58TC Motor Base	90TC Pulley
26TC Matrix Carrier	59TC Motor Pinion	91TC Gasoline Burner Support
27TC Matrix Carrier Adjustable	60TC Motor Guard	92TC Pyrometer Support
30TC Matrix-carrier-cam Lever	61TC Name Plate	93TC Motor Switch
31TC Matrix Holder (Linotype and Intertype)	62TC Nozzle	94TC Electric Metal Pot Groups Attachments Miscellaneous Supplies Symbol Translations
32TC Matrix Holder (Monotype and Thompson Display)	63TC Nozzle Plate	
33TC Matrix Holder (Foundry Mat- rices)	64TC Oil Guard (over 17TC1T)	
	65TC Oil Guard (over a18TC1T)	

<b>1TC—Base</b> .....	a1TC1T *	
bearing cap (for cam shaft) (2).....	a1TC2 *	
“ “ screw (4).....	a1TC3 ★.13	25..
hinge (for upper and lower doors) (4)	a1TC4 .30	
“ nut (4).....	a1TC5 .09	319..
BASE group.....	<b>Xa1TC 213.80</b>	
*a1TC1T is assembled with a1TC2 and a1TC3. Price assembled..... 212.24		

Machines 10051 to 10299 inclusive were equipped with the following part:

BASE.....	1TC1 +	
and omitted a1TC2, a1TC3, a1TC4 and a1TC5.		

<b>2TC—Cam Shaft</b> .....	a2TC1T *	
collar.....	a2TC16★2.00	
choker cam.....	2TC2 ★	44.0
“ “ screw.....	2TC3 ★.19	
“ “ washer.....	2TC4 ★.08	46..
gear.....	2TC5 *	
key.....	a2TC6 ★.44	
matrix carrier cam.....	a2TC7 *	
“ “ collar.....	a2TC17 *	
“ “ screw (to a2TC10) (4).....	a2TC8 ★.11	214..
“ “ dowel (to a2TC10).....	2TC19 ★.06	7247..
mold body cam.....	2TC9 *	
“ “ auxiliary cam.....	a2TC10 *	
vertical mold blade cam.....	a2TC11 *	
“ “ collar.....	a2TC18 *	
pump cam.....	2TC12T †	
“ “ block.....	2TC13 †	
“ “ dowel (2).....	2TC14 ★.06	7247..
“ “ screw.....	2TC15 ★.06	
CAM SHAFT group.....	<b>Xa2TC 104.00</b>	
*a2TC1T is assembled with 2TC2, 2TC3, 2TC4, 2TC5, a2TC6, a2TC7, a2TC8, 2TC9, a2TC10, a2TC11, a2TC16, a2TC17, a2TC18 and 2TC19. Price assembled..... 83.90		
†2TC12T is assembled with 2TC13, 2TC14 and 2TC15. Price assembled... 20.10		

Machines 10051 to 10449 inclusive were equipped with the following parts:

CAM SHAFT		
matrix carrier cam screw (to 2TC10)...	2TC8 .13	
mold body auxiliary cam.....	2TC10 *	
*This CAM cannot be furnished by itself, but must be assembled with other parts. To replace, order a2TC7 assembled with with a2TC8, a2TC10 and 2TC19. Price assembled..... 33.00		

Machines 10051 to 10299 inclusive were equipped with the following part:

CAM-SHAFT VERTICAL MOLD BLADE CAM..	2TC11 *	
and omitted a2TC18.		
*CAM a2TC11 is interchangeable with CAM 2TC11 if furnished with its COLLAR a2TC18. Price assembled..... 13.00		

Machines 10051 to 10299 were equipped with the following parts:

CAM-SHAFT.....	2TC1T *+	
key.....	2TC6 +	
and omitted a2TC16.		
*2TC1T is assembled with 2TC2 to 2TC15.		

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>3TC—Cam-shaft Bearing (R. H.)</b> .....	3TC1 +	
screw (2).....	3TC2 +	
CAM-SHAFT BEARING (R. H.) group.....	<b>X3TC</b> ♦+	
♦OBSOLETE: X3TC has been discarded.		

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>4TC—Cam-shaft Bearing (L. H.)</b> .....	4TC1 +	
screw (2).....	4TC2 +	
CAM-SHAFT BEARING (L. H.) group.....	<b>X4TC</b> ♦+	
♦OBSOLETE: X4TC has been discarded.		

<b>5TC—Cam-lever Shaft</b> .....	<b>5TC1 2.20</b>	
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<b>6TC—Choker-cam Lever</b> .....	a6TC1TT *	
roller.....	6TC2 ★.88	
“ pin.....	6TC3 ★.55	
“ yoke.....	6TC5T †	
“ “ adjusting screw.....	6TC6 ★.09	2273..
“ “ “ “ lock nut.....	6TC7 ★.08	314..
“ “ fulcrum pin.....	6TC8 ★.47	
“ “ spring.....	6TC9 ★.37	
“ “ “ screw.....	a6TC10 ★.08	2203..
spring.....	6TC11 ★.88	
“ screw (2).....	a6TC12 ★.06	2167..
CHOKER-CAM LEVER group.....	<b>X6TC 23.00</b>	
*a6TC1TT is assembled with 6TC5T, 6TC6, to 6TC9, a6TC10, 6TC11 and a6TC12. Order by complete symbol X6TC.		
†6TC5T is assembled with 6TC2 and 6TC3. Price assembled..... 7.70		

Machines 10051 to 10130 inclusive were equipped with the following parts:

CHOKER-CAM LEVER.....	6TC1T ♦+	
roller yoke spring screw.....	6TC10 +	
spring screw.....	6TC12 +	
♦OBSOLETE: Order instead a6TC1TT.		

<b>7TC—Choker Valve</b> .....	a7TC1T *	
point.....	a7TC2 *	
CHOKER VALVE group.....	<b>Xa7TC 5.50</b>	
*a7TC1T is assembled with a7TC2. Order by complete symbol Xa7TC		

Machines 10051 to 10299 were equipped with the following parts:

CHOKER VALVE.....	7TC1T ♦+	
point.....	7TC2 +	
♦OBSOLETE: Order instead a7TC1T.		

<b>8TC—Choker-valve Lever</b> .....	8TC1T *	
tooth.....	8TC2 *	
adjusting screw.....	8TC3 .12	110..
“ “ washer.....	8TC4 .21	
rocker arm (alter for Center Jet Mold)..	a8TC5 †	
“ “ link.....	8TC6T †	
“ “ “ pin (top).....	8TC7 .43	
“ “ “ “ nut.....	8TC8 .08	314..
“ “ “ “ (bottom).....	8TC9 ★.43	
“ “ “ spring.....	8TC10 .21	6256..
“ “ trunion (2).....	8TC11 1.20	
“ “ “ set-screw (2).....	a8TC12 .07	2263..
“ “ pin.....	8TC13 ★.08	
CHOKER-VALVE LEVER group.....	<b>X8TC 32.75</b>	
*8TC1T is assembled with 8TC2. Price assembled..... 6.05		
†8TC6T is assembled with 8TC9. Price assembled..... 10.93		
‡For CENTER JET MOLD; ROCKER ARM, a8TC5, is altered and assembled with ROCKER ARM PIN, 8TC13. Price complete..... 12.18		

Machines 10051 to 10428 were equipped with the following parts:

CHOKER-VALVE LEVER ROCKER ARM.....	8TC5 ♦+	
set-screw (2).....	8TC12 +	
♦OBSOLETE: Order instead a8TC5. When ordering for the first time order with it the a8TC12 set-screws.		

<b>9TC—Choker Spring-rod</b> .....	a9TC1	1.75
block.....	a9TC2	2.50
“ guide rod.....	a9TC3	.35
collar.....	9TC4	.83
knob.....	a9TC6	.95
“ pin.....	a9TC7	.05
spring.....	9TC8	.53
“ abutment (adjustable).....	a9TC9	2.20
“ “ clamp screw.....	a9TC10	.09
<b>CHOKER SPRING-ROD group</b> .....	<b>X9TC</b>	<b>9.25</b>

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>CHOKER SPRING-ROD</b> .....	9TC1T	◆+
block.....	9TC2	+
“ guide rod.....	9TC3	+
collar.....	9TC4	+
knob.....	9TC6	+
“ dowel.....	9TC7	+
spring abutment (adjustable).....	9TC9	+
clamp screw.....	9TC10	+

◆**OBSOLETE:** 9TC1T was assembled with 9TC2, 9TC3, 9TC4, 9TC6, 9TC7, 9TC9 and 9TC10. Order instead X9TC, which is interchangeable with it.

**10TC—Clutch**

gear (7") (right).....	b10TC1T	*
“ jaw.....	a10TC31	*
“ “ pin (rivet) (2).....	a10TC29	* 7250
“ “ “ rivet.....	a10TC30	* 7272
“ key (No. 4 Woodruff).....	a10TC2	.11
“ (3 1-2") (left).....	10TC3T	†
“ jaw.....	10TC4	†
“ pin (long) (2).....	10TC5	★.06
“ “ (short) (2).....	10TC6	★.06
“ (double clutch).....	b10TC7T	‡
“ bushing.....	a10TC27	3.30
“ jaw (2).....	a10TC8	‡
“ “ rivet (4).....	a10TC9	★.06
shaft.....	a10TC10	8.80
“ gear (7").....	10TC11	6.60
“ “ key.....	10TC12	.12
“ hand wheel.....	10TC13T	§
“ “ “ handle.....	10TC14	★.83
“ “ “ key.....	10TC15	.11
“ “ “ nut.....	10TC16	.15
“ “ “ stud (for stop motion).....	10TC17	★2.75
“ oil cup.....	10TC18	.16
“ plug (in end of shaft).....	10TC19	.06
shifter.....	10TC20	4.40
“ rod.....	a10TC21	1.75
“ “ knob.....	a10TC22	.85
“ “ “ lock nut.....	a10TC28	.55
“ “ “ set-screw (2).....	10TC23	.13
yoke.....	a10TC24	24.64
“ screw (3).....	a10TC26	.12
<b>CLUTCH group</b> .....	<b>Xb10TC</b>	<b>128.50</b>

\*b10TC1T is assembled with a10TC29, a10TC30 and a10TC31. Price assembled..... 22.00

†10TC3T is assembled with 10TC4, 10TC5 and 10TC6. Price assembled... 12.30

‡b10TC7T is assembled with two of a10TC8 and four of a10TC9. Price assembled..... 26.40

§10TC13T is assembled with 10TC14 and 10TC17. Price assembled..... 15.58

Machines prior to March 14, 1939 were equipped with the following parts:

<b>CLUTCH GEAR</b> .....	a10TC1	+
and omitted a10TC29, a10TC30 and a10TC31, also		
<b>CLUTCH GEAR (double clutch)</b> .....	a10TC7	+
and omitted one of a10TC8		

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>CLUTCH</b>		
gear (7") (right).....	10TC1	+
“ dowel.....	10TC2	+
“ (double clutch).....	10TC7T	*+
“ jaw.....	10TC8	+
“ “ rivet (4).....	10TC9	+
shaft.....	10TC10	+
shifter rod.....	10TC21	+
yoke.....	10TC24	+
“ adjusting screw (4).....	10TC25	+
“ screw (2).....	10TC26	+

\*10TC7T is assembled with 10TC8 and four of 10TC9. Improved parts are interchangeable.

<b>11TC—Clutch-shifter-rod Latch</b> .....	a11TC1	1.67
screw.....	a11TC2	.08
<b>CLUTCH-SHIFTER-ROD LATCH group</b> .....	<b>Xa11TC</b>	<b>1.75</b>

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>CLUTCH-SHIFTER-ROD LATCH</b> .....	11TC1	+
screw.....	11TC2	+

<b>12TC—Door (lower)</b> .....	a12TC1T	*
latch.....	a12TC2	★.40
“ pin knob.....	a12TC4	★.45
hinge pin (2).....	a12TC5	.08
<b>Door (lower) group</b> .....	<b>Xa12TC</b>	<b>7.30</b>

\*a12TC1T is assembled with a12TC2 and a12TC4. Price assembled..... 7.14

Machines 10051 to 10299 were equipped with the following parts:

<b>Door (lower)</b> .....	12TC1T	*+
latch (2).....	12TC2	+
“ pin (2).....	12TC3	+
“ “ knob.....	12TC4	+
hinge pin (4).....	12TC5	+

\*12TC1T is assembled with 12TC2, 12TC3 and 12TC4.

<b>13TC—Door (side)</b> .....	a13TC1T	*
clip (2).....	13TC2	★.40
“ screw (4).....	13TC3	★.09
latch.....	a13TC4	★.40
“ pin knob.....	a13TC6	★.45
<b>Door (side) group</b> .....	<b>Xa13TC</b>	<b>7.35</b>

\*a13TC1T is assembled with 13TC2, 13TC3, a13TC4 and a13TC6.

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>Door (side)</b> .....	13TC1T	*+
clip (2).....	13TC2	+
“ screw (4).....	13TC3	+
latch (2).....	13TC4	+
“ pin (2).....	13TC5	+
“ “ knob.....	13TC6	+

\*13TC1T is assembled with 13TC2 to 13TC6, inclusive.

<b>14TC—Door (upper)</b> .....	a14TC1	5.49
hinge pin (2).....	a14TC2	.08
<b>Door (upper) group</b> .....	<b>Xa14TC</b>	<b>5.65</b>

Machines 10051 to 10299 inclusive were equipped with the following parts:

<b>Door (upper)</b> .....	14TC1	+
hinge pin (2).....	14TC2	+

<b>15TC—Door-spring Latch (for a14TC1)</b>	15TC1	1.29
screw.....	241.. a15TC2	.06
<b>DOOR-SPRING LATCH group</b> .....	<b>Xa15TC</b>	<b>1.35</b>

Machines 10051 to 10299 inclusive were equipped with the following part:

<b>DOOR-SPRING LATCH SCREW</b> .....	15TC2	+
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**16TC—Foot Plow**

No. 1—.070" thick.....	16TC1	3.30
No. 2—.110" thick.....	16TC1	3.30
No. 3—.140" thick.....	16TC1	3.30
adjusting screw.....	a16TC2	.44
bracket.....	a16TC3	3.50
" screw (long).....	233 a16TC4	.08
" " (short).....	2203 a16TC10	.08
clamping nut.....	a16TC5	.91
" " screw.....	2252 a16TC6	.09
FOOT PLOW group.....	<b>Xa16TC</b>	<b>15.00</b>

Center Jet Molds require:

**FOOT PLOW**

No. 1—.070" thick.....	16TC11	3.85
No. 2—.110" thick.....	16TC11	3.85
No. 3—.140" thick.....	16TC11	3.85
angle plate.....	16TC7	2.30
bracket.....	a16TC8	17.50
liner (one for each point size).....	16TC9	2.10

Machines 10051 to 10133 inclusive were equipped with the following part:

FOOT-PLOW BRACKET SCREW (to Mold Stand).....	16TC4	+
and omitted a16TC10.		

Machines 10051 to 10112 inclusive were equipped with the following parts:

<b>FOOT PLOW</b>		
adjusting screw.....	16TC2	+
bracket.....	16TC3	◆+
clamping nut.....	16TC5	+
" " screw.....	16TC6	+

◆OBSOLETE: Order instead a16TC3 and with the first order include a16TC2, a16TC5 and a16TC6 which are necessary.

**17TC—Friction Plate**

ball bearing (complete).....	17TC2	2.30
shaft.....	17TC3	★4.50
" bearing.....	17TC4	17.60
" " screw (3).....	17TC5	.21
" " grease cup.....	17TC6	.22
" cover.....	17TC7	.42
spring.....	17TC8	1.20
" adjusting pin (3).....	17TC9	.16
" " nut (on 17TC4).....	17TC10	4.40
" bushing.....	17TC11	4.85
" stop collar.....	17TC12	1.40
FRICION PLATE group.....	<b>X17TC</b>	<b>83.00</b>

\*17TC1T is assembled with 17TC3. Price assembled..... 49.50

**18TC—Friction Wheel**

ring (fiber).....	18TC2	★4.40
" clamping ring.....	18TC3	★4.95
" " " screw (6).....	2276 a18TC4	★.11
shaft.....	a18TC5T	†
" bearing.....	a18TC6	4.40
" " screw (2).....	149 a18TC7	.19
" collar.....	a18TC27	2.00
" " ".....	a18TC8	.72
" " set screw.....	2263 a18TC9	.07
" key.....	a18TC10	★.66
" " screw (2).....	240 a18TC11	★.06
" gear (4").....	a18TC12	4.95
" " key.....	a18TC13	.08
" " (7").....	a18TC14T	‡
" " (3 1-2").....	18TC15	★5.50
" " bushing.....	18TC16	‡
" " pin (for a18TC14 and 18TC15).....	18TC17	‡
shifter.....	a18TC18	18.70
" grease cup.....	18TC19	.19
" retaining ring.....	a18TC20	*
" " " screw (3).....	229 a18TC21	★.08
" operating screw.....	a18TC22	6.05
" " " knob.....	a18TC23	1.05
" " " " pin.....	7178 a18TC24	.05

**18TC—Friction Wheel (continued)**

shifter operating screw nut.....	326 a18TC28	.08
" " " lock nut.....	391 a18TC29	.12
" stop (right).....	a18TC30	.33
" " (left).....	a18TC31	.33
FRICION WHEEL group.....	<b>Xa18TC</b>	<b>121.80</b>
*a18TC1T is assembled with 18TC2, 18TC3, a18TC4, a18TC20 and a18TC21. Price assembled.....	52.80	
†a18TC5T is assembled with a18TC10 and a18TC11. Price assembled..	11.90	
‡a18TC14T is assembled with 18TC15, 18TC16 and 18TC17. Price assembled.....	17.60	

Machines 10051 to 10725 inclusive were equipped with the following parts:

FRICION WHEEL.....	18TC1T	◆+
ring (fiber).....	18TC2	+
" clamping ring.....	18TC3	+
" " " screw (6).....	18TC4	+

◆OBSOLETE: Order instead a18TC1T.

Machines 10051 to 10725 inclusive were equipped with the following parts:

FRICION WHEEL SHIFTER RETAINING RING.....	18TC20	◆+
screw (3).....	18TC21	+

◆OBSOLETE: Order instead a18TC1T.

Machines 10051 to 10299 inclusive were equipped with the following parts:

FRICION WHEEL		
shaft.....	18TC5T	*+
" bearing.....	18TC6	+
" " set-screw.....	18TC7	+
" collar.....	18TC8	+
" " set-screw.....	18TC9	+
" key.....	18TC10	+
" " screw (2).....	18TC11	+
" gear (4").....	18TC12	+
" " dowel pin.....	51 18TC13	+
shifter.....	18TC18	+
" operating screw.....	18TC22	+
" " " knob.....	18TC23	+
" " " " pin.....	18TC24	+

and omitted a18TC27, a18TC28, a18TC29, a18TC30 and a18TC31. \*18TC5T is assembled with 18TC10 and 18TC11.

**19TC—Friction-wheel-shaft Oil Cup... 19TC1 .16**

<b>20TC—Gas Burner</b> .....	a20TC1	1.40
air regulating plate.....	20TC2	.30
" " " spring.....	6253 20TC3	.45
mixer.....	20TC4	.83
" nipple (bottom).....	20TC5	.27
" " nozzle.....	20TC15	.13
" " (top).....	20TC6	.27
pipe (1-8").....	20TC7	.27
" elbow.....	20TC8	.08
" hose connection.....	20TC9	.65
supporting stud.....	20TC10	.34
" " nut.....	319 20TC11	.09
" " set screw.....	255 a20TC12	.05
top plate.....	20TC13	.55
" " bolt and nut (2).....	20TC14	.06
GAS BURNER group.....	<b>Xa20TC</b>	<b>5.80</b>

NOTE: If natural gas is used, omit Nozzle 20TC15 and substitute the following:

GAS BURNER NOZZLE.....	20TC16	.13
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Machines 10051 to 10329 inclusive were equipped with the following parts:

GAS BURNER.....	20TC1T	◆+
supporting stud set-screw.....	20TC12	+

◆OBSOLETE: Order instead a20TC1 together with a20TC12.

**21TC—72-Point Gauge**

bottom block.....	21TC1T	*
side wall (2).....	21TC2	*
screw (4).....	233	21TC3 ★.08
72-POINT GAUGE group.....	<b>X21TC</b>	<b>18.00</b>

\*21TC1T is assembled with 21TC2 and 21TC3. Order by complete symbol X21TC.

NOTE: In ordering designate American or Didot point.

**22TC—Jet Box..... 22TC1 2.50**

**23TC—Main Stand..... a23TC1 71.50**

*Machines 10051 to 10299 inclusive were equipped with the following part:*

MAIN STAND.....	23TC1	+
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*Machines 10051 to 10299 inclusive were equipped with the following part. Not used on Machine 10300 and following:*

**24TC—Main-stand Key (2)..... 24TC1 .27**

**25TC—Main-stand Screw**

(front) (to base) (2).....	159	a25TC1	.48
nut (2).....	327	a25TC2	.12
(rear) (2).....	2187	a25TC3	.55
MAIN-STAND SCREW group.....	<b>Xa25TC</b>		<b>2.30</b>

*Machines 10051 to 10299 inclusive were equipped with the following part:*

MAIN-STAND SCREW (to base) (4).....	25TC1	+
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and omitted a25TC2 and a25TC3.

*Machines prior to the adoption of the Adjustable Matrix Carrier were equipped with the following parts:*

**26TC—Matrix Carrier** (for Monotype Display, Thompson or Linotype Matrices)

adjusting screw.....	26TC1	+	
“ “ knob (graduated).....	26TC2	+	
“ “ “ nut.....	a26TC3	+	
“ “ “ pin.....	26TC4	+	
“ “ “ indicator pin.....	26TC5	+	
handle.....	26TC6T	*+	
“ stud.....	26TC7	+	
“ “ screw.....	26TC18	+	
rivet (4).....	7164	a26TC8	+
side wall (left).....	a26TC9T	†+	
“ “ bearing plate.....	a26TC10	+	
“ “ “ “ screw.....	246	a26TC11	+
“ “ bushing (for dowel).....	26TC12	+	
“ “ (right).....	26TC13	+	
“ “ bushing (for dowel).....	26TC14	+	
top plate.....	26TC15	+	
“ “ screw (4).....	26TC16	+	
“ “ dowel (2).....	26TC17	+	

MATRIX CARRIER group..... **Xa26TC** +

\*26TC6T is assembled with 26TC7 and 26TC18..... +

†a26TC9T is assembled with 26TC1, 26TC2, a26TC3, 26TC4, 26TC5, 26TC6T, a26TC10, a26TC11 and 26TC12 to 26TC18 inclusive..... +

*For casting from American Cellular Matrices, held in Holder X34TC, or English Cellular Matrices, held in Holder X35TC, then placed in Holder Xa31TC, this Matrix Carrier was equipped with the following:*

MATRIX CARRIER SIDE WALL (left).....	a26TC19	+
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and then symbolized complete as:

**Matrix Carrier..... Xa26TC19 +**

*For casting from Ludlow Matrices held in Holder X36TC, this Matrix Carrier was equipped with the following part:*

MATRIX CARRIER SIDE WALL (left).....	a26TC20	+
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and then symbolized complete as:

**Matrix Carrier..... Xa26TC20 +**

**26TC—Matrix Carrier** (continued)

*To adapt Matrix Carrier Xa26TC20 for use with Monotype Display or Thompson Matrices it is necessary to furnish:*

MATRIX CARRIER SIDE WALL BEARING PLATE.....	a26TC21	+
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*To adapt Matrix Carrier Xa26TC20 for use with Linotype Matrices furnish:*

MATRIX CARRIER SIDE WALL BEARING PLATE.....	a26TC22	+
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*For casting from English Display Matrices held in Holder X88TC, this Matrix Carrier is equipped with the following:*

MATRIX CARRIER SIDE WALL (left).....	a26TC23	+
bearing plate.....	a26TC24	+

NOTE: The above parts are used in place of a26TC9T and a26TC10 in Matrix Carrier Xa26TC, and is then symbolized complete as:

**Matrix Carrier..... Xa26TC23 +**

*To adapt Matrix Carrier Xa26TC23 for use with Linotype Matrices furnish:*

MATRIX CARRIER SIDE WALL BEARING PLATE.....	a26TC24	+
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NOTE: The above part is used in place of a26TC10 in Matrix Carrier Xa26TC23.

*To adapt Matrix Carrier Xa26TC23 for use with Monotype Display or Thompson Matrices it is necessary to furnish:*

MATRIX CARRIER SIDE WALL BEARING PLATE.....	a26TC25	+
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**27TC—Matrix Carrier** (adjustable side wall) (for Thompson and Monotype Display Matrices)

adjusting screw.....	27TC1	★7.15
“ “ knob.....	27TC2	★11.00
“ “ “ nut.....	a27TC3	★2.20
“ “ “ pin.....	27TC4	★.05
“ “ “ indicator pin.....	27TC5	★1.10
handle.....	27TC6	★.55
“ stud.....	27TC7	★3.30
“ “ screw.....	27TC19	★.09
side wall (left).....	b27TC8T	*
“ “ bushing (for dowel).....	27TC9	★.05
“ “ wedge.....	a27TC10	★25.00
“ “ “ adjusting screw.....	a27TC11	★.33
“ “ “ clamp screw.....	27TC12	★.30
“ “ (right).....	27TC13	*
“ “ bushing (for dowel).....	27TC14	★.05
top plate.....	27TC15	*
“ “ screw (4).....	27TC16	★.11
“ “ dowel (2).....	27TC17	★.05
rivet (4).....	7248	27TC18 ★.04

MATRIX CARRIER group..... **Xa27TC 175.00**

\*b27TC8T is assembled with 27TC1, 27TC2, a27TC3, 27TC4, 27TC5, 27TC6, 27TC7, 27TC9, a27TC10, a27TC11 and 27TC12 to 27TC19 inclusive. Order by complete symbol Xa27TC.

*Matrix Holders shipped prior to July, 1930 were equipped with the following part:*

MATRIX CARRIER SIDE WALL WEDGE ADJUSTING SCREW.....	27TC11	+
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*For casting from Giant Caster Matrices held in Holder X87TC furnish in place of Wedge a27TC10:*

MATRIX CARRIER SIDE WALL WEDGE.....	a27TC20	25.00
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and symbol complete as:

**Matrix Carrier..... Xa27TC20 175.00**

*For casting from Intertype, Linotype and Foundry Style Matrices held in Matrix Holder Xa31TC furnish in place of Wedge a27TC10:*

MATRIX CARRIER SIDE WALL WEDGE.....	a27TC21	25.00
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and symbol complete as:

**Matrix Carrier..... Xa27TC21 175.00**

For casting from American Cellular Matrices held in Holder X34TC which fits in Holder Xa31TC; casting from English Cellular Matrices held in Holder X35TC which fits in Holder Xa31TC; casting from English Display Matrices held in Holder X88TC and from Ludlow Matrices held in Holder X36TC, furnish in place of Wedge a27TC10 and Screw a27TC11:

MATRIX CARRIER SIDE WALL WEDGE.....	a27TC24	25.00
screw.....	a27TC23	.33

and symbol complete as:

**Matrix Carrier ..... Xa27TC24 175.00**

<b>30TC—Matrix-carrier-cam lever</b> .....	30TC1T	*
extension (upper lever).....	30TC2T	†
“ fork (for matrix carrier).....	30TC3T	‡
“ “ pin (2).....	30TC4	★.04
“ “ releasing pin.....	30TC5	★.50
“ “ “ “ knob.....	30TC6	★.80
“ “ “ “ spring.....	30TC7	★.37
roller.....	30TC8	2.20
“ stud.....	30TC9	.92
“ “ nut.....	30TC10	.09
spring.....	30TC11	.55
“ bolt.....	30TC12	.33
“ “ nut.....	30TC13	.50
“ “ washer.....	30TC14	.27
“ pin (in 30TC1).....	30TC15	★.11
“ “ (in 30TC2).....	30TC16	.55
“ “ nut.....	30TC17	.09

**MATRIX-CARRIER-CAM LEVER group..... X30TC 56.45**

\*30TC1T is assembled with 30TC15. Price assembled..... 16.50  
 †30TC2T is assembled with 30TC5, 30TC6 and 30TC7. Price assembled... 17.95  
 ‡30TC3T is assembled with 30TC4. Price assembled..... 16.50

**31TC—Matrix Holder (for Linotype or Intertype Matrices)**

body.....	a31TC1T	*
aligning plate.....	31TC2	†
“ “ dowel.....	31TC3	★.07
“ “ screw (2).....	31TC4	★.08
bushing (for 27TC1).....	31TC5	★1.38
“ clamp screw (headless).....	a31TC6	★.06
“ dowel pin (2).....	31TC7	★.06
“ (for 31TC3).....	31TC8	★.08
clamping plate.....	31TC9	†
shoe (top).....	a31TC10	†
“ clamping lever.....	31TC11	†
“ “ “ fulcrum screw.....	a31TC12	★.55
“ “ screw.....	31TC13	★.22
“ “ “ lock nut.....	31TC14	★.22
“ screw (2).....	a31TC15	★.06

**MATRIX HOLDER group..... Xa31TC 85.00**

\*a31TC1T is assembled with 31TC2 to 31TC5 inclusive, a31TC6, 31TC7, 31TC8, 31TC9, a31TC10, 31TC11, a31TC12, 31TC13, 31TC14 and a31TC15. Order by complete symbol Xa31TC.  
 †Must be fitted in our factory.

**32TC—Matrix Holder† (for Monotype Display and Thompson Matrices)**

body.....	b32TC1T	*
bushing.....	32TC2	★1.38
“ pin (2).....	32TC3	★.06
“ clamp screw (headless).....	a32TC4	★.06
clamping plate.....	a32TC5	†
“ “ pin.....	32TC16	★.06
“ “ nut (wedge).....	a32TC6	†
“ screw.....	a32TC7	†
“ “ knurled head.....	a32TC8	★.55
“ “ “ “ set-screw... ..	a32TC18	★.06
“ “ spring.....	32TC10	★.33
“ “ “ nut.....	a32TC11	★.49
“ “ “ “ lock nut.....	a32TC12	★.93
top jaw.....	a32TC13	†

**MATRIX HOLDER group..... X32TC 85.00**

**32TC—Matrix Holder‡ (continued)**

\*b32TC1T is an assembly, it includes all parts listed under 32TC in first column. Order by complete symbol X32TC.

†Must be fitted in our factory.

‡CAUTION: MATRIX HOLDER (X32TC) for Flat Matrices is always required for casting low quads and spaces or quotation quads regardless of what other MATRIX HOLDERS are furnished.

*Special part to enable machines having old style set-device to cast from Thompson Matrices driven from Giant Punches order:*

MATRIX HOLDER CLAMPING PLATE.....	a32TC14	+
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**33TC—Matrix Holder (for Foundry Mats)**

body.....	a33TC1T	*
“ cap.....	a33TC2	†
“ “ screw (2).....	a33TC3	★.05
bushing (for 27TC1).....	33TC4	★1.38
“ pin (2).....	33TC5	★.06
“ clamp screw (headless).....	a33TC6	★.06
clamping plate.....	33TC7	†
“ “ fulcrum pin.....	33TC8	★.01
“ “ nut (wedge).....	a33TC9	†
“ screw.....	a33TC10	†
“ “ knurled head.....	a33TC11	★.55
“ “ “ “ set-screw... ..	a33TC15	★.06
“ “ nut.....	a33TC13	★.49
“ “ “ lock nut.....	a33TC16	.93
top jaw.....	33TC14	†

**MATRIX HOLDER group..... X33TC 125.00**

\*a33TC1T is an assembly, it includes all the parts shown above. Order by complete symbol X33TC.

†Must be fitted in our factory.

NOTE: Behind Low Quad Matrices in FOUNDRY HOLDER is required a MATRIX HOLDER PACKING PIECE.....

33TC17	+
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*This Matrix Holder is used in the Matrix Holder for Linotype Matrices Xa31TC.*

**34TC—Matrix Holder (for American Cellular Matrices, sets in Xa31TC. See Wedge a27TC24)**

body.....	34TC1T	*
clamp.....	34TC2	†
“ spring.....	34TC3	★.37
side plate.....	34TC4	†
“ “ screw (2).....	34TC5	★.06
“ “ pin (for 34TC3).....	34TC6	★.01

**MATRIX HOLDER group..... X34TC 85.00**

\*34TC1T is assembled with 34TC2, 34TC3, 34TC4, 34TC5 and 34TC6. Order by complete symbol X34TC.

†Must be fitted in our factory.

NOTE: Certain parts of this HOLDER for Cellular Matrices can also be used for the HOLDER for Intertype and Linotype Matrices. Two HOLDERS are priced at .

150.00

*This Matrix Holder is used in the Matrix Holder for Linotype Matrices Xa31TC.*

**35TC—Matrix Holder (for English Cellular Matrices, sets in Xa31TC. See Wedge a27TC24).**

body.....	35TC1T	*
clamp.....	35TC2	†
“ spring.....	35TC3	★.37
side plate.....	35TC4	†
“ “ screw (2).....	35TC5	★.06
“ “ pin (for 35TC3).....	35TC6	★.01

**MATRIX HOLDER group..... X35TC 85.00**

\*35TC1T is assembled with 35TC2, 35TC3, 35TC4, 35TC5 and 35TC6. Order by complete symbol X35TC.

†Must be fitted in our factory.

NOTE: Certain parts of this HOLDER for English Composition Matrices can also be used for the HOLDER for Intertype and Linotype Matrices. Two HOLDERS

150.00

**36TC—Matrix Holder** (for Ludlow Mats)

body.....	36TC1T	*
bushing (for 27TC1).....	36TC2	★1.38
“ clamp screw (headless)... <b>2266</b> ..	36TC3	★.06
“ dowel pin (2).....	36TC4	★.06
clamping lever.....	36TC5	†
“ “ fulcrum screw.....	36TC6	★.60
“ screw.....	36TC7	★.22
“ “ lock nut.....	36TC8	★.22
side bearing plate (left) (plain).....	36TC9	†
“ “ “ (right) (groove).....	36TC10	†
blank matrix quads.....	36TC11	11.55
MATRIX HOLDER group.....	<b>X36TC</b>	<b>85.00</b>

\*36TC1T is assembled with 36TC2 to 36TC10 inclusive.  
†Must be fitted in our factory.

**37TC—Melting Pot** (electric) (See ATTACHMENT No. 4)

<b>Melting Pot</b> (gas).....	b37TC1TT	*	
choker valve bushing.....	a37TC2	★8.25	
jacket (lower).....	a37TC3	★1.92	
“ (upper).....	37TC4	★3.30	
“ screw (8).....	a37TC5	★.05	
“ rivet (4).....	<b>7170</b>	37TC17	★.01
screw (to 38TC1) (2).....	37TC8	.21	
“ washer (2).....	37TC9	.17	
splash guard.....	37TC10	★.55	
magnesia packing.....	37TC11	★.44	
MELTING POT group.....	<b>Xb37TC</b>	<b>83.00</b>	

\*b37TC1TT is assembled with a37TC2, a37TC3, 37TC4, a37TC5, 37TC10, 37TC11, 37TC17, a7TC1T, 62TC1 and Xa68TC. Price assembled . . . . . 82.24  
NOTE: a37TC2 is larger diameter than 37TC2. It is not interchangeable.

Center Jet Molds require:

MELTING POT			
liner (2 required for each point size) price			
per piece.....	37TC13	2.10	
stud (2).....	37TC14	2.50	
“ washer (2).....	37TC15	.55	
“ nut (4).....	<b>322</b>	37TC16	.11

Machines 10114 to 10389 inclusive were equipped with the following parts:

MELTING POT (gas).....	a37TC1T	◆+
choker valve bushing.....	37TC2	+
jacket (lower).....	37TC3	+
“ screw (8).....	37TC5	+
pin (side) (screw bearing for right and left adjustment) (2).....	37TC6	+
pin (rear) (screw bearing for front and rear adjustment).....	37TC7	+

◆OBSOLETE: Order instead Xb37TC.

Machines 10051 to 10113 inclusive were equipped with the following parts:

MELTING POT (gas).....	37TC1T	◆+
choker valve bushing.....	37TC2	+
jacket (lower).....	37TC3	+
“ screw (8).....	37TC5	+
pin (side) (screw bearing for right and left adjustment) (2).....	37TC6	+
“ (rear) (screw bearing for front and rear adjustment).....	37TC7	+

◆OBSOLETE: Order instead Xb37TC.

**38TC—Melting-pot Yoke** (alter for Center Jet Mold)

adjusting screw (rear, for b37TC1T)....	38TC1	55.00
“ “ lock nut..... <b>314</b> ..	38TC2	.35
“ “ (right and left for b37TC1T) (2).....	38TC3	.08
	38TC4	1.10

**38TC—Melting-pot Yoke** (continued)

bracket (for 8TC6 and 71TC1).....	a38TC5	5.50	
“ cover plate.....	a38TC6	.83	
“ “ “ screw (4)... <b>2224</b> ..	a38TC7	.08	
“ screw (2).....	<b>213</b>	38TC9	.11
handle.....	38TC10	.55	
“ stud.....	38TC11	.44	
piston lever support.....	a38TC12	5.50	
“ “ “ screw (2).....	<b>28</b>	38TC14	.12
“ “ “ set-screw (for 70TC1).....	<b>2263</b>	a38TC15	.07
MELTING-POT YOKE group.....	<b>X38TC</b>	*	

\*X38TC is assembled with X8TC, X9TC, X69TC, 70TC1, X71TC. Order by the complete symbol.....**X38TC1TT** **132.60**

Center Jet Molds require:

MELTING-POT YOKE ADJUSTING SCREW (2)	38TC16	1.10
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Machines 10051 to 10399 inclusive were equipped with the following parts:

MELTING-POT YOKE PISTON LEVER SUPPORT.....	38TC12	◆+
set-screw (for 70TC1).....	38TC15	+

◆OBSOLETE: Order instead a38TC12 and with the first order include order for SCREW a38TC15.

Machines 10051 to 10389 inclusive were equipped with the following parts:

MELTING-POT YOKE BRACKET (for 8TC6 and 71TC1).....	38TC5	◆+
cover plate.....	38TC6	+
“ “ screw (4).....	38TC7	+

◆OBSOLETE: Order instead a38TC5 and with the first order include order for parts a38TC6 and a38TC7.

<b>39TC—Melting-pot-yoke Lock</b> .....	39TC1T	*	
handle.....	39TC2	*	
stop pin.....	<b>787</b>	39TC3	★.04
bracket.....	a39TC4	6.63	
“ screw (2).....	39TC5	.14	
“ set-screw.....	<b>2272</b>	a39TC6	.09
MELTING-POT-YOKE LOCK group.....	<b>X39TC</b>	<b>12.50</b>	

\*39TC1T is assembled with 39TC2 and 39TC3. Price assembled..... 5.50

Machines 10051 to 10299 inclusive were equipped with the following parts:

MELTING-POT-YOKE LOCK BRACKET.....	39TC4	◆+
set-screw.....	39TC6	+

◆OBSOLETE: Order instead a39TC4 and with the first order include order for a39TC6 SET-SCREW.

<b>40TC—Melting-pot-yoke Stud</b> .....	a40TC1	5.51	
nut.....	<b>329</b>	a40TC2	.15
washer.....	<b>442</b>	a40TC4	.14
MELTING-POT-YOKE STUD group.....	<b>Xa40TC</b>	<b>5.80</b>	

Machines 10051 to 10299 inclusive were equipped with the following parts:

MELTING-POT-YOKE STUD.....	40TC1	+
nut.....	40TC2	+

and omitted a40TC4.

When Automatic Feeder is applied on Machines 10300 and following where Stud is driven into Top Stand order the following:

MELTING-POT-YOKE STUD.....	b40TC3	+
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When Automatic Feeder is applied to Machines prior to 10300 where Stud is screwed into Top Stand order the following:

MELTING-POT-YOKE STUD.....	a40TC3	+
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**41TC—Micrometer-set-adjusting Device**

body.....	a41TC1T	*
measuring screw.....	a41TC2	*
“ “ collar (graduated).....	a41TC4	*
“ “ “ screw.....	<b>2256</b> a41TC5	★.04
“ “ knob (knurled).....	a41TC6	★.55
“ “ lock nut.....	<b>321</b> a41TC13	★.14
stop (for Mold Blade).....	a41TC8	★10.55
“ clamp screw (knurled head).....	41TC9	★1.10
“ “ “ washer.....	<b>470</b> 41TC10	★.16
screw (front) (to a54TC1) (2).....	<b>29</b> 41TC11	.12
“ (side) (to a54TC1).....	<b>27</b> 41TC12	.12
guard.....	a41TC14	★11.00
“ screw (2).....	<b>2332</b> a41TC15	★.06

MICROMETER - SET - ADJUSTING DEVICE group..... **Xa41TC 58.65**

\*a41TC1T is assembled with a41TC2, a41TC4, a41TC5, a41TC6, a41TC8, 41TC9, 41TC10, a41TC13, a41TC14 and a41TC15. Price assembled. 58.29

*Machines 10051 to 10113 inclusive (except 10066) were equipped with:*

MICROMETER-SET-ADJUSTING DEVICE			
body.....	41TC1	+	
measuring screw.....	41TC2	+	
“ “ sleeve.....	41TC3	+	
“ “ collar (graduated).....	41TC4	+	
“ “ “ screw.....	41TC5	+	
“ “ knob (knurled).....	41TC6	+	
“ “ “ dowel.....	41TC7	+	
stop (for Mold Blade).....	41TC8	+	
and omitted a41TC13, lock nut.			

**42TC—Mold** (See also ATTACHMENTS No. 1 and No. 2)

back wall.....	c42TC1T	*
“ “ filling piece (1-4" long).....	42TC2	*
“ “ “ pin.....	42TC3	*
“ “ “ “ (3-8" x 5-8" x 1-8").....	42TC4	*
“ “ “ “ screw.....	<b>2274</b> 42TC5	.06
“ “ key (7-8" long) (to d42TC16)..	42TC6	*
“ “ “ (1 1-8" long).....	42TC7	*
“ “ “ (3-8" x 5-8" x 1-4").....	42TC8	*
“ “ plug (7-32" dia. x 1-4", brass).....	42TC9	.08
“ “ “ (1-4"-40, brass).....	42TC10	.06
“ “ screw (4).....	c42TC11	.11
“ “ water tube.....	42TC14	.50
“ “ “ “ hose (rubber) (2).....	42TC91	.27
“ “ “ “ bushing.....	a42TC15	.40
“ “ “ “ sleeve.....	a42TC69	.22
“ “ “ “ nut.....	a42TC70	.16
bottom block.....	d42TC16T	*
“ “ filling piece (3-16"x.094"x7-8").....	42TC17	*
“ “ oil pad.....	42TC18	.11
“ “ “ “ holder.....	42TC19	.45
“ “ “ “ screw.....	<b>2251</b> 42TC20	.05
“ “ plug (7-32" dia. x 1-4" long, brass).....	42TC21	.08
“ “ “ (2).....	<b>2235</b> a42TC22	.04
“ “ shoe.....	a42TC23	*
“ “ key.....	42TC24	*
“ “ “ screw (front) (2).....	<b>2270</b> a42TC25	.21
“ “ “ “ (rear) (2).....	<b>2269</b> a42TC26	.21
“ “ water tube (inlet).....	a42TC27T	†
“ “ “ “ bushing.....	a42TC28	.40
“ “ “ “ sleeve.....	a42TC71	.22
“ “ “ “ nut.....	a42TC72	.16
“ “ “ “ nipple (hose connection).....	a42TC29	†
front wall.....	c42TC30	*
“ “ key (1 1-8" long) (to d42TC16) (2).....	42TC31	*
“ “ screw (5-8" long) (4).....	c42TC32	.11
“ “ space plate (one is required for each height of mold and for each height of low spaces and quads).....	42TC33	7.25
front wall space plate screw (2).....	42TC34	.03
jet block.....	b42TC35T	*
“ “ adjusting key.....	42TC36	*
“ “ “ “ screw (2).....	<b>2251</b> 42TC37	.05

**42TC—Mold** (continued)

jet block lifting stud (2).....	b42TC38	.40
“ “ “ “ screw (2).....	<b>232</b> a42TC67	.08
“ “ “ “ yoke.....	a42TC40	2.75
“ “ oil pad.....	42TC41	.11
“ “ plug.....	<b>2235</b> a42TC42	.04
“ “ water tube (inlet).....	42TC43	.50
“ “ “ “ (discharge).....	42TC44	.50
“ “ “ “ bushing (2).....	a42TC45	.40
“ “ “ “ sleeve (2).....	a42TC73	.22
“ “ “ “ nut (2).....	a42TC74	.16
top block.....	c42TC46T	*
“ “ key.....	42TC47	*
“ “ “ screw (2).....	<b>2251</b> 42TC48	.05
“ “ lifting stud (2).....	b42TC49	.40
“ “ “ “ screw (2).....	<b>232</b> a42TC68	.08
“ “ “ “ yoke.....	a42TC51	2.75
“ “ oil pad.....	42TC52	.11
“ “ plug.....	<b>2235</b> a42TC53	.04
“ “ shoe.....	a42TC54	*
“ “ “ screw (left) (2).....	<b>2267</b> a42TC55	.11
“ “ “ “ (right) (2).....	<b>2268</b> a42TC56	.11
“ “ water tube (2).....	42TC57	.50
“ “ “ “ bushing (2).....	a42TC58	.40
“ “ “ “ sleeve (2).....	a42TC75	.22
“ “ “ “ nut (2).....	a42TC76	.16

MOLD group..... **X42TC 450.00**

\*Must be fitted in our factory.  
†a42TC27T is assembled with a42TC29.  
Price assembled..... 2.75

*Center Jet Molds require:*

MOLD			
back wall.....	c42TC59T	*	
bottom block.....	c42TC60T	*	
“ “ “ “ jet block.....	b42TC61	*	
“ “ “ “ retaining screw.....	b42TC64	.90	
stud.....	a42TC62	.95	
“ nut.....	a42TC63	3.30	
CENTER JET MOLD group.....	<b>X42TC59 620.00</b>		

\*Must be fitted in our factory.

**42TC—Matrices** (see also Misc. Supplies)

*For casting spaces and quads and quotation quads use the following Matrices:*

MATRIX (for low quads and spaces, 2 pt. to 48 pt.) (one is required of each point size for each mold height, cast solid).....	42TC77	6.50
MATRIX (quotation quad, 24 pt. body, 2 x 3 pica, 2 x 4 pica).....	42TC78	10.00
MATRIX (quotation quad, 36 pt. body, 3 x 3 pica, 3 x 4 pica).....	42TC78	10.00
MATRIX (quotation quad, 48 pt. body, 4 x 4 pica).....	42TC78	10.00
MATRICES for Ludlow Height for quotation quads.....	42TC82	10.00
MATRICES are furnished for Didot Height, point and set sizes for quotation quads.....	42TC83	10.00

NOTE: Every variation in depth of MATRIX drive requires a MOLD to correspond, because the depth of MATRIX drive governs the height of a MOLD. A MOLD can have but one height. All point sizes cast from MATRICES of the same depth of drive are cast from one MOLD. Changes from one point size to another are made by changing the TYPE BODY PIECE and JET EJECTOR (if necessary). To cast type from this MOLD it is necessary to add a TYPE BODY PIECE, a VERTICAL MOLD BLADE, and a JET EJECTOR. A TYPE BODY PIECE is required for each point size and for each height of MOLD. A VERTICAL MOLD BLADE is required for each height of MOLD. One JET EJECTOR is required for 5 to 14 point sizes, another for 18 to 30 point sizes, and a third for 36 to 48

**42TC—Matrices** (continued)

point sizes. CENTER JET MOLDS require CENTER JET EJECTORS; one for 6 and 8 point, one for 10 and 12 point, one each for 14, 18, 24, 30, 36, 42 and 48 point, nine in all. With this equipment spaces and quads of shoulder height can be cast, but low spaces and low quads require the substitution of a LOW SPACE and QUAD BODY PIECE, a LOW SPACE and QUAD MATRIX and a MOLD WALL SPACE PLATE. Unless otherwise specified low spaces and quads are cast .763" high. Other standard heights may be specified, but each height requires a LOW SPACE and QUAD BODY PIECE for each point size to be cast, a LOW SPACE and QUAD MATRIX, and a MOLD WALL SPACE PLATE.

**43TC—Mold Jet Ejector**

No. 1, 5 to 14 point.....	43TC1	15.50
No. 2, 18 to 30 point.....	43TC1	15.50
No. 3, 36 to 48 point.....	43TC1	15.50
for Center Jet Mold (9).....	a43TC2	23.50

**44TC—Type Body Piece** (nick on top) . . . **44TC1 20.00**

NOTE: One Body Piece is required for each point size to be cast, for each height of MOLD, and for each height of low spaces and quads. Specify height and point size.

For casting from Cellular or Giant Matrices order the following part:

TYPE BODY PIECE (nick on bottom).....	a44TC2	25.00
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NOTE: One Body Piece is required for each point size to be cast, for each height of MOLD, and for each height of low spaces and quads. Specify height and point size.

For casting corner pieces order the following part:

QUAD BODY PIECE (for corner quads).....	a44TC3	37.50
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**45TC—Type-body-piece Plate**..... 45TC1 37.95

connecting pin (to a46TC1).....	45TC2	1.38
“ “ clamp screw.....	45TC3	.27
TYPE-BODY-PIECE PLATE group.....	<b>X45TC</b>	<b>39.60</b>

**46TC—Type-body-piece-plate Adjusting Screw**..... a46TC1 4.65

adjusting nut.....	a46TC2	6.05
lock nut (outside).....	a46TC3	.55
“ “ (inside).....	a46TC4	1.55
TYPE-BODY-PIECE-PLATE ADJUSTING SCREW group.....	<b>X46TC</b>	<b>12.80</b>

Machines 10051 to 10299 inclusive were equipped with the following parts:

TYPE-BODY-PIECE-PLATE ADJUSTING SCREW	46TC1	◆+
adjusting nut.....	46TC2	+
lock nut (outside).....	46TC3	+
“ “ (inside).....	46TC4	+

◆OBSELETE: Order instead X46TC.

**47TC—Vertical Mold Blade**..... **47TC1 35.00**

To cast character 52 to 60 pts. set-ways requires:

VERTICAL MOLD BLADE (recessed).....	47TC2	40.00
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**48TC—Mold-body Lever**..... a48TC1T \*

clamping screw (2).....	215..	a48TC2	.11
MOLD-BODY LEVER group.....	<b>X48TC</b>		<b>17.80</b>

\*a48TC1T assembles with a48TC2. Order by complete symbol X48TC

Machines 10051 to 10130 inclusive were equipped with the following parts:

MOLD-BODY LEVER.....	48TC1	◆+
clamping screw.....	48TC2	+

◆OBSELETE: Order instead a48TC1T and with the first order include order for a51TC1 which is necessary for operation.

**49TC—Mold-body-cam Lever**..... a49TC1T \*

roller (center).....	49TC2	★2.20	
“ (side).....	49TC3	2.20	
“ stud.....	a49TC4	★4.40	
oil hole closing screw.....	2271..	a49TC5	★.06
MOLD-BODY-CAM-LEVER group.....	<b>X49TC</b>	<b>24.20</b>	

\*a49TC1T is assembled with 49TC2, a49TC4 and a49TC5. Price.... 22.00

Machines 10051 to 10299 inclusive were equipped with the following parts:

MOLD-BODY-CAM LEVER.....	49TC1	◆+
roller stud.....	49TC4	+
oil hole closing screw.....	49TC5	+

◆OBSELETE: Order instead a49TC1 and with the first order include order for the necessary parts 49TC2, a49TC4 and a49TC5.

**50TC—Mold-body-lever Shaft**..... **50TC1 .85**

**51TC—Mold-body-lever Cross Block** (for a48TC1T)..... **a51TC1 4.95**

Machines 10051 to 10130 inclusive were equipped with the following part:

MOLD-BODY-LEVER CROSS BLOCK (for 48TC1).....	51TC1	◆+
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◆OBSELETE: Order instead a51TC1 and include order for Lever a48TC1T which is necessary.

**52TC—Vertical-mold-blade Lever**..... 52TC1T \*

lifting block (for 47TC1).....	52TC2	★5.50	
“ “ stud.....	52TC3	★.45	
“ “ “ nut.....	319..	52TC4	★.09
VERTICAL-MOLD-BLADE LEVER group.....	<b>X52TC</b>	<b>11.55</b>	

\*52TC1T is assembled with 52TC2 to 52TC4. Order by the complete symbol X52TC.

**53TC—Vertical-mold-blade-cam Lever**..... a53TC1T \*

adjusting screw (upper) (for 52TC1)....	53TC2	★1.50	
“ “ nut.....	314..	53TC3	★.08
“ “ (lower) (for 52TC1)....	53TC4	★1.50	
“ “ clamping screw... ..	227..	a53TC5	★.09
roller.....	53TC6	★2.20	
“ stud.....	53TC7	★.92	
“ “ nut.....	319..	53TC8	★.09
VERTICAL-MOLD-BLADE-CAM LEVER group	<b>X53TC</b>	<b>14.65</b>	

\*a53TC1T is assembled with 53TC2 to 53TC4, a53TC5, 53TC6 to 53TC8. Order by the complete symbol X53TC.

Machines 10051 to 10314 inclusive were equipped with the following parts:

VERTICAL-MOLD-BLADE-CAM LEVER.....	53TC1	+
adjusting screw clamping screw.....	53TC5	+

**54TC—Mold Stand** (right)..... a54TC1 \*

(left).....	b54TC2T	*	
cap.....	b54TC3T	*	
“ adjusting eccentric (mold top block)..	54TC4	*	
“ “ “ pin.....	7246..	54TC5	★.06
“ “ “ stud.....	a54TC6	★.16	
“ “ “ “ nut... ..	310..	a54TC7	★.08
“ “ “ (mold jet block)..	54TC8	*	
“ “ “ pin.....	7246..	54TC9	★.06
“ “ “ stud.....	a54TC10	★.16	
“ “ “ “ nut... ..	310..	a54TC11	★.08

**54TC—Mold Stand** (continued)

cap adjusting screw (mold top block)			
(small head).....	a54TC12	★.55	
"    "    "    (mold top block)			
(large head).....	a54TC13	★.85	
"    "    "    (mold top block) nut			
<b>310</b> ..	a54TC14	★.08	
"    "    "    (mold jet block)			
(small head).....	a54TC15	★.85	
"    "    "    (mold jet block)			
(large head).....	a54TC16	★.85	
"    "    "    (mold jet block) nut			
<b>310</b> ..	a54TC17	★.08	
" screw (4).....	27..	54TC18	★.12
dowel (2).....	55..	54TC19	★.06
screw (a54TC1 to b54TC2) (4) ....	27..	54TC20	★.12
adjusting shoe (for 47TC1).....		54TC21	*
"    "    fulcrum pin.....		54TC22	★.27
"    "    adjusting screw.....		a54TC23	★1.95
"    "    "    "    lock nut			
(knurled).	a54TC24	★.55	
"    "    "    "    plug			
(wedge)	54TC25	*	
"    "    spring.....	6259..	54TC26	★.42
supporting plug (for 47TC1).....		54TC27	★.50
"    "    set-screw.....		54TC28	★1.75
"    "    "    "    lock nut..	314..	54TC29	★.08
gib (for 47TC1).....		54TC30	*
" screw.....		a54TC31	★.45
" adjusting screw.....		54TC32	★.16
"    "    "    lock nut.....		54TC33	★.32
mold locating screw.....		54TC34	★.55
sight feed oiler.....		54TC35	★1.50
"    "    "    elbow.....		54TC36	★.45
oil cup (short).....		54TC37	★.16
"    "    (long).....		54TC38	★.45
plug (for oil hole).....	2248..	54TC49	★.06
set-screw (headless) (for 5TC1).....		54TC39	★.11
slide (right, for matrix carrier).....		a54TC40	*
" adjusting screw (long).....		a54TC41	★.27
"    "    "    (short).....		a54TC42	★.27
" clamping screw.....	232..	a54TC43	★.08
"    (left, for matrix carrier).....		a54TC44	*
" clamping screw (2).....	233..	a54TC45	★.08
" gib.....		54TC47	*
"    " adjusting screw.....	2166..	a54TC48	★.06
MOLD STAND group.....		<b>Xa54TC</b>	†

\*Must be fitted in our factory.

†The Mold Stand is furnished as a complete assembly and includes Xa54TC, 5TC1, 10TC18, a41TC1T, 50TC1 and SCREWS No. 2203 and No. 2252.

MOLD STAND assembly..... **b54TC2TT 616.40**

*Machines 10051 to 10389 inclusive were equipped with the following parts:*

MOLD STAND CAP ADJUSTING ECCENTRIC STUD			
(top block) (2).....	54TC6	◆+	
nut (2).....	54TC7	+	
(jet block) (2).....	54TC10	+	
nut (2).....	54TC11	+	

◆OBSOLETE: Order instead a54TC6 and a54TC10 with NUTS a54TC7 and a54TC11.

*Machines 10051 to 10338 inclusive were equipped with the following parts:*

MOLD STAND CAP ADJUSTING SCREW			
(top block) (small head) (2).....	54TC12	+	
"    "    (large head).....	54TC13	+	
nut.....	54TC14	+	
(jet block) (small head) (2).....	54TC15	+	
"    "    (large head).....	54TC16	+	
nut.....	54TC17	+	

**54TC—Mold Stand** (continued)

*Machines 10051 to 10338 inclusive were equipped with the following part:*

MOLD STAND CAP.....	54TC3	◆+
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◆OBSOLETE: Order instead b54TC3T and when ordered for the first time it is necessary to order also parts a54TC12 to a54TC17 inclusive.

*Machines 10051 to 10299 inclusive were equipped with the following parts:*

MOLD STAND (right).....	54TC1T	+
(left).....	a54TC2	+
gib (for 47TC1).....	54TC30	+
slide (right, for matrix carrier).....	54TC40	+
" adjusting screw (long).....	54TC41	+
"    "    "    (short).....	54TC42	+
clamping screw.....	54TC43	+
slide (left, for matrix carrier).....	54TC44	+
" clamping screw(1-2" long) (rear)...	54TC45	+
"    "    "    (9-16" long) (front)	54TC46	+

*Machines 10051 to 10133 inclusive were equipped with the following parts:*

MOLD STAND.....	54TC1T	+
adjusting shoe adjusting screw (for		
"    "    "    "    47TC1)...	54TC23	+
"    "    "    "    lock nut.	54TC24	+
slide gib adjusting screw (left).....	54TC48	+

<b>55TC—Mold-stand Screw</b> (rear from above) (3) (long).....	<b>55TC1</b>	.27
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<b>56TC—Mold-stand Screw</b> (front from below) (3) (short).....	<b>56TC1</b>	.27
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<b>57TC—Mold-stand Key</b> (to 1TC1) (3)...	<b>a57TC1</b>	.45
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*Machines 10051 to 10299 inclusive were equipped with the following part:*

MOLD-STAND KEY (to 1TC1) (5).....	57TC1	+
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*To adapt Mold Stand 54TC1 and 54TC2 to new Main Stand a23TC1 order:*

MOLD-STAND KEY (special) (3).....	a57TC2	+
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<b>58TC—Motor Base</b> .....	a58TC1	11.70
adjusting screw (upper).....	158..	a58TC3 .27
"    "    lock nut.....	319..	a58TC4 .09
"    "    (lower).....		a58TC5 2.05
"    "    pin.....		a58TC6 .53
"    "    "    cotter (2).....	91..	a58TC7 .00
"    "    nut.....	319..	a58TC8 .09
"    "    "    lock nut.....	319..	a58TC9 .09
bracket.....	a58TC10	8.10
" adjusting screw (2).....	157..	a58TC11 .16
" bolt (2).....	15..	a58TC12 .13
" hinge pin.....		a58TC13 .70
"    "    "    cotter (2).....	91..	a58TC14 .00
motor bolt (4).....	111..	a58TC15 .12
"    "    nut (4).....	314..	a58TC16 .08
MOTOR BASE group.....	<b>Xa58TC</b>	<b>25.00</b>

*Machines 10051 to 10299 inclusive were equipped with the following parts:*

MOTOR STAND (2).....	58TC1	+
carriage bolt (4).....	58TC2	+
and omitted a58TC3 to a58TC16 inclusive.		

<b>59TC—Motor Pinion</b> .....	59TC2	3.85
key.....	59TC3	.25
MOTOR PINION group.....	<b>X59TC</b>	<b>4.10</b>

<b>60TC—Motor Guard</b> .....	<b>a60TC1</b>	<b>3.30</b>
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*Machines 10051 to 10299 inclusive were equipped with the following part:*

MOTOR GUARD.....	60TC1	+
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<b>61TC—Name Plate</b> .....	a61TC1	.38
pin (4).....	61TC2	.01
NAME PLATE group.....	<b>Xa61TC</b>	<b>.42</b>

*Machines prior to October 30, 1930 were equipped with the following part:*

NAME PLATE.....	61TC1	+
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<b>62TC—Nozzle</b> .....	<b>62TC1</b>	<b>5.00</b>
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<b>63TC—Nozzle Plate</b> .....	63TC1	16.50
handle.....	63TC2	.35
NOZZLE PLATE group.....	<b>X63TC</b>	<b>16.85</b>

*Center Jet Molds require:*

NOZZLE PLATE (Center Jet).....	63TC4	16.50
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<b>64TC—Oil Guard</b> (over 17TC1T).....	a64TC1	3.51
screw (3).....	<b>224</b> a64TC2	.08
OIL GUARD group.....	<b>Xa64TC</b>	<b>3.75</b>

*Machines 10051 to 10299 inclusive were equipped with the following part:*

OIL GUARD (over 17TC1T).....	64TC1	+
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<b>65TC—Oil Guard</b> (over a18TC1T).....	a65TC1	3.62
screw (2).....	<b>232</b> a65TC2	.08
" nut (2).....	<b>35</b> a65TC3	.06
OIL GUARD group.....	<b>Xa65TC</b>	<b>3.90</b>

*Machines 10051 to 10299 inclusive were equipped with the following parts:*

OIL GUARD (over 18TC1T).....	65TC1	+
bolt and nut.....	65TC2	+

<b>66TC—Oil Pipe</b> (short) (to Clutch Shaft Bearing).....	66TC1	.32
(long) (to a18TC14T and 18TC15).....	66TC2	.33
clamp.....	66TC3	.66
" screw (2).....	<b>240</b> a66TC4	.06
" " nut (2).....	<b>33</b> a66TC5	.06
OIL PIPE group.....	<b>Xa66TC</b>	<b>1.55</b>

*Machines 10051 to 10299 inclusive were equipped with the following part:*

OIL PIPE CLAMP SCREW (2).....	66TC4	+
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<b>67TC—Oil-pipe Cover</b> .....	a67TC1	.34
screw.....	<b>2262</b> a67TC2	.11
OIL PIPE COVER group.....	<b>Xa67TC</b>	<b>.45</b>

*Machines 10051 to 10299 inclusive were equipped with the following parts:*

OIL-PIPE COVER.....	67TC1	+
screw.....	67TC2	+

<b>68TC—Piston</b> (1 3-16" dia.) (tolerance 1.1867 to 1.1870").....	a68TC1T	*
link (2).....	68TC2	★1.40
" pin.....	68TC3	★.27
handle.....	a68TC8T	†
" stem.....	<b>850</b> a68TC9	†
" " nut.....	<b>314</b> a68TC10	†
PISTON group.....	<b>Xa68TC</b>	<b>9.10</b>

\*a68TC1T is assembled with 68TC2 and 68TC3. Price assembled..... 8.50

†a68TC8T is assembled with a68TC9 and a68TC10. Price assembled..... .60

*Machines 10051 to 10113 inclusive were equipped with the following part:*

PISTON (1 1-8" dia.).....	68TC1T	*
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\*68TC1T is assembled with 68TC2 and 68TC3. Price assembled..... 8.50

*The following Pistons of oversize dimensions are available for special use:*

PISTON, 1 3-8" diameter.....	a68TC4T	*
.003" oversize 1 1-8" diameter.....	a68TC5T	*
.003" oversize 1 3-16" diameter.....	a68TC6T	*
.003" oversize 1 3-8" diameter.....	a68TC7T	*

\*Each Piston is furnished assembled with LINK (2) 68TC2 and PIN 68TC3. Price assembled..... 8.50

<b>69TC—Piston Lever</b> .....	a69TC1T	*
bushing.....	69TC2	★.83
pin (for a68TC1T).....	69TC3	.83
" set-screw.....	<b>2263</b> a69TC4	.07
PISTON LEVER group.....	<b>X69TC</b>	<b>8.05</b>

\*a69TC1T is assembled with 69TC2. Price assembled..... 7.15

*Machines 10051 to 10314 inclusive were equipped with the following parts:*

PISTON LEVER.....	69TC1T	◆+
pin set-screw.....	69TC4	+

◆OBSOLETE: Order instead a69TC1T and with the first order include order for necessary SET-SCREW a69TC4.

<b>70TC—Piston-lever Fulcrum Pin</b> .....	<b>70TC1</b>	<b>.85</b>
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<b>71TC—Piston-lever Link</b> .....	71TC1T	*
jet breaker.....	71TC2	2.20
" " screw (2).....	71TC3	.09
pin (bottom).....	71TC4	*
" (top).....	71TC5	.49
" nut.....	<b>314</b> 71TC6	.08
PISTON-LEVER LINK group.....	<b>X71TC</b>	<b>10.40</b>

\*71TC1T is assembled with 71TC4. Price assembled..... 7.45

*Center Jet Molds require:*

PISTON-LEVER LINK JET BREAKER (for small point sizes).....	71TC7	3.30
PISTON-LEVER LINK JET BREAKER (for large point sizes).....	71TC8	3.30

<b>72TC—Piston Spring</b> .....	<b>6260</b> 72TC1	<b>1.35</b>
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<b>73TC—Piston-spring Lever</b> .....	73TC1	1.25
bracket.....	73TC2	1.50
fulcrum pin.....	73TC3	.10
" " cotter.....	73TC4	.00
PISTON-SPRING LEVER group.....	<b>X73TC</b>	<b>2.85</b>

<b>74TC—Piston-spring Tension Pulley</b> ...	74TC1T	*
chain.....	74TC2	★.27
pin (for 74TC2).....	<b>7247</b> 74TC3	★.06
set-screw.....	74TC4	.10
shaft.....	74TC5T	†
" ratchet (with handle).....	74TC6	†
" " pin (key).....	<b>7247</b> 74TC7	★.06
PISTON-SPRING TENSION PULLEY group.....	<b>X74TC</b>	<b>9.25</b>

\*74TC1T is assembled with 74TC2 and 74TC3. Price assembled..... 4.20

†74TC5T is assembled with 74TC6 and 74TC7. Price assembled..... 4.95

<b>75TC—Piston - spring - tension - pulley Pawl</b> .....	75TC1	1.30
stud.....	75TC2	.65
PISTON - SPRING - TENSION - PULLEY PAWL group.....	<b>X75TC</b>	<b>1.95</b>

<b>76TC—Pump-cam Lever</b> .....	a76TC1T	*
rod (to 72TC1).....	76TC2	4.40
" cotter.....	76TC3	.00
" washer.....	76TC4	.06
roller.....	76TC5	2.20
" stud.....	a76TC6	★1.10
" " screw.....	a76TC9	.22
yoke.....	a76TC10	4.34
" screw.....	<b>844</b> a76TC11	.08
PUMP-CAM LEVER group.....	<b>X76TC</b>	<b>35.50</b>

\*a76TC1T is assembled with a76TC6. Price assembled..... 24.20



Machines 10051 to 10131 inclusive were equipped with the following parts:

PUMP-CAM LEVER.....	76TC1T	◆+
yoke (for 47TC1).....	76TC10	+
" screw.....	76TC11	+
◆OBSELETE: Order instead a76TC1T and with first order include order for necessary SCREW a76TC9.		

Machines 10051 to 10113 inclusive were equipped with the following parts:

PUMP-CAM LEVER ROLLER STUD.....	76TC6	◆+
pin (locating washer).....	76TC7	+
washer.....	76TC8	+
" screw.....	76TC9	+
◆OBSELETE: Order instead a76TC6 and with the first order include order for the necessary SCREW a76TC9.		

<b>77TC—Pump Stop</b> .....	b77TC1	2.50
plate.....	a77TC5	3.15
" screw.....	b77TC2	.34
" spring.....	6283 a77TC6	.55
" " post (and stud).....	a77TC7	.35
" latch.....	a77TC8	3.20
" " screw.....	a77TC9	.08
" " spring.....	6283 a77TC10	.55
" " " post.....	889 a77TC11	.08
" screw collar.....	a77TC12	.15
PUMP STOP group.....	<b>Xb77TC</b>	<b>10.95</b>

Machines 10420 to 11760 inclusive were equipped with the following parts:

PUMP STOP.....	a77TC1	3.30
screw.....	a77TC2	.57
spring.....	6262 a77TC3	.22
washer.....	456 a77TC4	.06
PUMP STOP group.....	<b>Xa77TC</b>	<b>4.15</b>

Machines 10051 to 10420 inclusive were equipped with the following parts:

PUMP STOP.....	77TC1	◆+
screw.....	212 77TC2	+
spring.....	6255 77TC3	+
washer.....	77TC4	+
◆OBSELETE: Order instead complete group Xb77TC.		

<b>78TC—Pump-cam Cover Plate</b> .....	a78TC1	1.08
screw (2).....	2166 a78TC2	.06
PUMP-CAM COVER PLATE group.....	<b>Xa78TC</b>	<b>1.20</b>

Machines 10051 to 10299 inclusive were equipped with the following parts:

PUMP-CAM COVER PLATE.....	78TC1	+
screw.....	78TC2	+

<b>79TC—Type-receiving Plate</b> (bottom)...	a79TC1	17.60
trimming knife.....	79TC2	8.82
" " screw.....	233 a79TC3	.08
screw (to b54TC2) (2).....	232 a79TC4	.08
" (to b54TC2) (front).....	2241 a79TC5	.09
TYPE-RECEIVING PLATE (bottom) group.....	<b>Xa79TC</b>	<b>26.75</b>

Machines 10051 to 10133 inclusive were equipped with the following parts:

TYPE-RECEIVING PLATE (bottom).....	79TC1	◆+
trimming knife screw.....	79TC3	+
screw (to a54TC2) (2).....	79TC4	+
" " (front).....	79TC5	+
◆OBSELETE: Order instead a79TC1 and with first order include order for the necessary SCREW a79TC3.		

When casting from Cellular Matrices or Giant Caster Matrices, to put nick in usual position on body requires the following parts:

TYPE-RECEIVING PLATE (bottom).....	a79TC6T	*
nick cutter (2).....	a79TC7	★.55
" " plug.....	a79TC8	★.05
" " " screw.....	a79TC9	★.15
*a79TC6T is assembled with a79TC5, a79TC7, a79TC8, a79TC9, 79TC2 and a79TC3. Price assembled..... 42.00		

When casting from Cellular Matrices, Giant Caster Matrices or Ludlow Matrices, when Matrix Holder X36TC is used, the following parts are required:

TYPE-RECEIVING PLATE (bottom) TRIMMING KNIFE.....	a79TC10	15.00
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For Ludlow Matrices with Soft Metal:

TYPE-RECEIVING PLATE (bottom) TRIMMING KNIFE.....	a79TC11	23.00
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<b>80TC—Type-receiving Shoe</b> (top).....	a80TC1	44.00
adjusting screw (2).....	80TC2	2.15
nick cutter (2).....	80TC3	.55
" " set-screw.....	80TC4	.44
" " " ball.....	80TC5	.10
stripper spring.....	80TC6	.60
" " screw.....	80TC7	.11
trimming knife.....	80TC8	8.82
" " screw.....	233 a80TC9	.08
TYPE-RECEIVING SHOE (top) group.....	<b>X80TC</b>	<b>59.55</b>

Machines 10051 to 10133 inclusive were equipped with the following parts:

TYPE-RECEIVING SHOE (top).....	80TC1	◆+
trimming knife screw.....	80TC9	+
◆OBSELETE: Order instead a80TC1 and with first order include order for necessary SCREW a80TC9.		

When casting from Cellular Matrices and Giant Caster Matrices the following parts are required:

TYPE-RECEIVING SHOE (top).....	a80TC10T	*
" " plate (top) trimming knife.....	a80TC11	15.00
*a80TC10T is assembled with 80TC2, 80TC3, 80TC4, 80TC5, 80TC6, 80TC7 and a80TC9. Price assembled.... 42.00		

<b>81TC—Type Stick</b> .....	81TC1	1.00
plate.....	81TC2	1.38
" screw (to 81TC1) (4).....	81TC3	.06
" " (to b54TC2) (2).....	223 a81TC4	.09
TYPE STICK group.....	<b>Xa81TC</b>	<b>2.80</b>

Machines 10051 to 10133 inclusive were equipped with the following part:

TYPE STICK SCREW (2).....	81TC4	+
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<b>82TC—Type-box Bracket</b> .....	<b>82TC1</b>	<b>1.40</b>
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<b>83TC—Water-drain Cup</b> .....	83TC1	.84
pipe (vertical) (1-4").....	a83TC2	.27
" (horizontal) (1-4").....	83TC3	.33
" elbow (1-4").....	83TC4	.08
" union.....	a83TC5	.22
" " packing.....	83TC6	.01
WATER-DRAIN CUP group.....	<b>Xa83TC</b>	<b>1.75</b>

Machines 10051 to 10299 inclusive were equipped with the following part:

WATER-DRAIN CUP PIPE (vertical).....	83TC2	+
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**84TC—Stop Motion**

bracket.....	a84TC1T	*
expansion screw (long) (to base)...	<b>215</b> ..	a84TC45 ★.11
"    "    (short) (to base) (2)		
.....	<b>216</b> ..	a84TC43 ★.11
crank disk.....	a84TC6	★2.15
"    "    dowel (to a18TC5T)...	<b>7244</b> ..	a84TC7 ★.06
"    "    crank pin.....	a84TC8	★.30
"    "    screw (to a18TC5T)....	<b>227</b> ..	a84TC9 ★.09
clutch shifting fork.....	84TC10	★13.15
"    "    "    fulcrum pin.....	84TC11	★.09
hand wheel stud spring (top).....	84TC12T	†
"    "    "    "    (bottom).....	84TC13	†
"    "    "    "    screw (2).....	<b>2203</b> ..	a84TC14 ★.08
"    "    "    "    rivet (2).....	<b>7167</b> ..	a84TC15 ★.04
main spring.....	84TC16T	‡
"    "    lug (bearing button).....	84TC17	★.43
"    "    screw.....	a84TC18	★.08
"    "    "    washer.....	<b>473</b> ..	a84TC19 ★.13
ratchet spring.....	84TC20	★1.38
"    "    clamping plate.....	84TC23	★.07
"    "    "    "    screw (2)		
.....	<b>241</b> ..	a84TC24 ★.06
"    wheel.....	84TC25T	§
"    "    screw (stud).....	84TC26	★4.00
"    "    pin.....	84TC27	★.16
"    "    friction washer.....	84TC28	★.66
release spring.....	84TC29T	
"    "    pin.....	84TC30	★.13
"    "    screw.....	<b>2159</b> ..	a84TC31 ★.06
"    "    "    washer.....	<b>420</b> ..	a84TC44 ★.05
retaining spring (for latch).....	84TC32	★.83
"    "    screw.....	<b>2167</b> ..	a84TC33 .06
wedge.....	84TC34T	¶
"    cover plate.....	a84TC35	★1.65
"    "    "    screw (4).....	<b>244</b> ..	a84TC36 ★.06
"    end plate.....	84TC37	★.62
"    "    "    dowel pin.....	<b>7161</b> ..	a84TC38 ★.01
"    "    "    screw.....	<b>2166</b> ..	a84TC39 ★.06
"    latch.....	84TC40	★3.10
"    "    stud.....	84TC41	★.33
"    pin.....	84TC42	★.22
STOP MOTION group.....	<b>Xa84TC</b>	<b>96.25</b>

\*a84TC1T is assembled with a84TC6, a84TC7, a84TC8, a84TC9, 84TC10, 84TC11, 84TC12T, a84TC14, 84TC16T, a84TC18, a84TC19, 84TC20, 84TC23, a84TC24, 84TC25T, 84TC26, 84TC28, 84TC29T, a84TC31, 84TC32, a84TC33, 84TC34T, a84TC35, a84TC36, 84TC37, a84TC38, a84TC39, a84TC43, a84TC44, and a84TC45. Order by the complete symbol Xa84TC.

†84TC12T is assembled with 84TC13 and a84TC15. Price assembled..... 3.11

‡84TC16T is assembled with 84TC17. Price assembled..... 3.87

§84TC25T is assembled with 84TC27. Price assembled..... 16.66

||84TC29T is assembled with 84TC30. Price assembled..... 1.65

¶84TC34T is assembled with 84TC40 to 84TC42. Price assembled..... 8.25

<b>85TC—Vertical-mold-blade Stop Screw</b>	85TC1	.16
lock nut.....	<b>390</b> ..	85TC2 .09
VERTICAL - MOLD - BLADE STOP SCREW group.....	<b>X85TC</b>	<b>.25</b>

<b>86TC—Automatic - feeder - bracket Clamp</b>	86TC1	15.24
clamp screw (2).....	<b>221</b> ..	86TC2 .09
"    "    nut (2).....	<b>310</b> ..	86TC3 .08
screw (to pot yoke) (2).....	86TC4	.21
AUTOMATIC - FEEDER - BRACKET CLAMP group.....	<b>X86TC</b>	<b>16.00</b>

**87TC—Matrix Holder** (for Giant Caster Matrices)

body.....	87TC1	*
bushing (for screw).....	87TC2	★1.38
"    clamp screw (headless)....	<b>2266</b> ..	87TC3 ★.06
"    dowel pin (2).....	87TC4	★.06
clamp (right).....	87TC5	*
"    screw.....	87TC6	3.30
"    "    spring.....	<b>6261</b> ..	87TC7 .37
"    (top).....	87TC8	*
"    fulcrum pin.....	<b>7180</b> ..	87TC9 .01
"    spring.....	87TC10T	†
"    "    pin (riveted in 87TC10)....	87TC11	★.83
"    "    screw.....	<b>241</b> ..	87TC12 .06
matrix support (bottom).....	87TC13	*
"    "    screw (2).....	<b>2207</b> ..	87TC14 .06
"    "    (top).....	87TC15	*
"    "    screw (2).....	<b>2207</b> ..	87TC16 .06
MATRIX HOLDER group.....	<b>X87TC</b>	<b>85.00</b>

\*Must be fitted in our factory.

†87TC10T is assembled with 87TC11. Price assembled..... 7.45

NOTE: The above MATRIX HOLDER is for use with GIANT CASTER MATRICES. Furnish also MATRIX CARRIER Xa27TC20 made by substituting a27TC20 MATRIX CARRIER SIDE WALL WEDGE in place of a27TC10 WEDGE in Xa27TC.

**88TC—Matrix Holder** (for English Display Matrices)

body.....	88TC1	*
bushing.....	88TC2	1.38
"    pin.....	88TC3	.06
"    clamp screw (headless)....	<b>2266</b> ..	88TC4 .06
clamp.....	88TC5	*
"    spring.....	88TC6	.33
"    screw.....	88TC7	6.60
"    "    knurled head.....	a88TC8	.55
"    "    "    "    set screw.....	a88TC10	.06
MATRIX HOLDER group.....	<b>X88TC</b>	<b>85.00</b>

\*Must be fitted in our factory.

NOTE: The above MATRIX HOLDER is for use with English Display Matrices. Furnish also MATRIX CARRIER, Xa27TC24, made by substituting MATRIX-CARRIER-SIDE-WALL WEDGE a27TC24, in place of WEDGE a27TC10, in MATRIX CARRIER Xa27TC

**89TC—**(See ATTACHMENT No. 3)

<b>90TC—Pulley</b> (for machines driven from line shaft).....	90TC1	12.33
bushing.....	90TC2	1.10
set screw.....	<b>2263</b> ..	90TC3 .07
PULLEY group.....	<b>X90TC</b>	<b>13.50</b>

<b>91TC—Gasoline Burner Support</b> (gasoline or kerosene).....	91TC1	+
dowel pin.....	<b>787</b> ..	91TC2 +
extension.....	91TC3	+
screw.....	<b>2223</b> ..	91TC4 +
"    (short).....	<b>234</b> ..	91TC5 +
stud (in a37TC3).....	91TC6	+
"    set screw.....	<b>255</b> ..	91TC7 +
GASOLINE BURNER SUPPORT group.....	<b>X91TC</b>	<b>+</b>

<b>92TC—Pyrometer Support</b> .....	92TC1	6.05
screw (2).....	<b>223</b> 92TC2	.09
thermocouple arm.....	92TC3	8.23
“ “ screw.....	<b>232</b> 92TC4	.08
“ “ “ nut.....	<b>35</b> 92TC5	.06
“ “ “ washer.....	<b>420</b> 92TC6	.05
<b>PYROMETER SUPPORT group</b> .....	<b>X92TC</b>	<b>14.65</b>

<b>93TC—Motor Switch</b>		
2 pole (H & H432) 110-220V., single phase.....	93TC1	2.50
3 pole (H & H8607) 220V., 3 phase.....	93TC2	3.45
4 pole (H & H8813) 2 phase, 4 wire.....	93TC3	3.85
condulet (C-H-H120) for motor switch..	93TC4	1.25
Order by symbol for electrical requirements.		

**94TC—**(See ATTACHMENT No. 4)

## Attachments

### Attachment No. 1

#### Center Jet Mold and Operating Parts:

OBJECT: To produce Type with the Jet in the center of the feet.

This Attachment can be applied only in our factory and consists of the following parts:

<b>MOLD BACK WALL</b> .....	c42TC59T	*
filling piece (1-4" long).....	42TC2	*
“ “ pin.....	42TC3	*
“ “ (3-8" x 5-8" x 1-8").....	42TC4	*
“ “ screw.....	<b>2274</b> 42TC5	.06
key (7-8" long) (to c42TC60).....	42TC6	*
“ (1 1-8" long).....	42TC7	*
“ (3-8" x 5-8" x 1-4").....	42TC8	*
plug (7-32" dia. x 1-4", brass).....	42TC9	.08
“ (1-4"-40, brass).....	42TC10	.06
screw (8).....	c42TC11	.11
water tube (2).....	42TC14	.50
“ “ bushing (5).....	a42TC15	.40
“ “ sleeve.....	a42TC69	.22
“ “ nut.....	a42TC70	.16
<b>MOLD BOTTOM BLOCK</b> .....	c42TC60T	*
filling piece (3-16" x .094" x 7-8").....	42TC17	*
jet block.....	b42TC61	*
“ “ stud.....	a42TC62	.95
“ “ “ nut.....	a42TC63	3.30
“ “ retaining screw.....	b42TC64	.90
oil pad.....	42TC18	.11
“ “ holder.....	42TC19	.45
“ “ “ screw.....	<b>2251</b> 42TC20	.05
plug (7-32" dia. x 1-4" long brass).....	42TC21	.08
“ (2).....	<b>2235</b> a42TC22	.04
water tube (inlet).....	a42TC27T	†
“ “ bushing.....	a42TC28	.40
“ “ sleeve.....	a42TC71	.22
“ “ nut.....	a42TC72	.16
“ “ nipple (hose connection).....	a42TC29	†
<b>MOLD FRONT WALL</b> .....	c42TC30	*
key (1 1-8" long) (to c42TC60) (2).....	42TC31	*
screw (5-8" long) (4).....	c42TC32	.11
space plate (one is required for each height of mold and for each height of low spaces and quads).....	42TC33	7.25
space plate screw (2).....	42TC34	.03
<b>MOLD JET BLOCK</b> .....	b42TC35T	*
adjusting key.....	42TC36	*
“ “ screw (2).....	<b>2251</b> 42TC37	.05
lifting stud (2).....	b42TC38	.40
“ “ screw (2).....	<b>232</b> a42TC67	.08
“ “ yoke (2).....	a42TC40	2.75
oil pad.....	42TC41	.11
plug.....	<b>2235</b> a42TC42	.04

<b>MOLD JET BLOCK (continued)</b>		
water tube (inlet).....	42TC43	.50
“ “ (discharge).....	42TC44	.50
“ “ bushing (2).....	a42TC45	.40
“ “ sleeve (2).....	a42TC73	.22
“ “ nut (2).....	a42TC74	.16
<b>MOLD TOP BLOCK</b> .....	c42TC46T	*
key.....	42TC47	*
“ screw.....	<b>2251</b> 42TC48	.05
lifting stud (2).....	b42TC49	.40
“ “ screw (2).....	<b>232</b> a42TC68	.08
“ “ yoke (2).....	a42TC51	2.75
oil pad.....	42TC52	.11
plug.....	<b>2235</b> a42TC53	.04
shoe.....	a42TC54	*
“ screw (left) (2).....	<b>2267</b> a42TC55	.11
“ “ (right) (2).....	<b>2268</b> a42TC56	.11
water tube (2).....	42TC57	.50
“ “ bushing (2).....	a42TC58	.40
“ “ sleeve (2).....	a42TC75	.22
“ “ nut (2).....	a42TC76	.16
<b>CENTER JET MOLD group</b> .....	<b>X42TC59</b>	<b>620.00</b>

\*Must be fitted to Mold in our factory.  
 †a42TC27T is assembled with a42TC29.  
 Price assembled ..... 2.75

*For casting type with the nick on the bottom of the body as it comes from the Mold (as is required when casting from Cellular or Giant Caster Matrices) the Mold must be equipped with the following parts:*

<b>MOLD BOTTOM BLOCK</b> .....	a42TC81	+
top block shoe.....	a42TC80	+
and there must be supplied also the special Type Body Pieces, Type Receiving Plate, and Type Receiving Shoe, as listed in Attachment No. 2.		

*Each Center Jet Mold requires for its operation a set of Type Body Pieces, a Vertical Mold Blade, and the following:*

<b>MOLD JET EJECTOR (9)</b> .....	a43TC2	23.50
One each for 6 and 8 point, 10 and 12 point, 14 point, 18 point, 24 point, 30 point, 36 point, 42 point and 48 point.		
<b>CHOKER TRIPPING TOOL</b> .....	46L2	2.00
<b>CHOKER-VALVE LEVER ROCKER ARM PIN</b>	8TC13	.08
<b>FOOT PLOW</b>		
No. 1—.070" thick.....	16TC11	3.85
No. 2—.110" thick.....	16TC11	3.85
No. 3—.140" thick.....	16TC11	3.85
angle plate.....	16TC7	2.30
bracket.....	a16TC8	17.50
liner (one for each point size).....	16TC9	2.10
<b>MELTING POT</b>		
liner (2 required for each point size) price per piece.....	37TC13	2.10
stud (2).....	37TC14	2.50
“ washer (2).....	37TC15	.55
“ nut (4).....	<b>322</b> 37TC16	.11
yoke adjusting screw (2).....	38TC16	1.10
<b>NOZZLE PLATE</b> .....	63TC4	16.50
<b>PISTON-LEVER LINK JET BREAKER (for small point sizes)</b> .....	71TC7	3.30
(for large point sizes).....	71TC8	3.30

*The following Standard Parts require minor alterations to permit operation with the Center Jet Mold:*

<b>CHOKER-VALVE-LEVER ROCKER ARM</b> .....	a8TC5	+
<b>MELTING POT (gas)</b> .....	b37TC1TT	+
(electric).....	c37TC12T	+
yoke.....	38TC1	+
<b>MOLD-STAND CAP</b> .....	b54TC3	+

NOTE: On early Machines it will be necessary to make a clearance cut for the NOZZLE on MOLD STAND CAP b54TC3.

**Attachment No. 2**  
**Type Nick Position**

OBJECT: To cast nick on the underneath side of the body as it comes from the Mold, this being the side opposite the usual Thompson position. This Attachment is required when casting from Cellular Matrices, or Giant Caster Matrices to cast the nick in the usual position on the body.

*This attachment consists of a Mold specially equipped with:*

MOLD-BOTTOM-BLOCK SHOE.....	a42TC79	*
MOLD-TOP-BLOCK SHOE.....	a42TC80	*
TYPE BODY PIECES.....	a44TC2	*
TYPE RECEIVING PLATE (bottom).....	a79TC6T	*
nick cutter (2).....	a79TC7	.55
"    "    plug.....	a79TC8	.05
"    "    screw.....	a79TC9	.15
TYPE RECEIVING SHOE (top).....	a80TC10	*

\*Must be fitted in our factory.

NOTE: One BODY PIECE is required for each point size to be cast, for each height of MOLD, and for each height of low spaces and quads. Price..... 25.00

**Attachment No. 3**

**Type Extractor for Overhanging Characters**

OBJECT: To remove the type, after it has been cast and pushed out of the Mold, so that the following type cannot injure the overhanging portion of the type face.

*Attachment can be applied only in our factory and consists of:*

<b>Type Extractor.....</b>	<b>X89TC</b>	<b>+</b>
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**Attachment No. 4**

**New Style Cutler-Hammer Improved Electric Melting Pot**

OBJECT: To provide more efficient heating elements, allowing increased capacity for metal, improved and more conveniently located control panel.

*This Attachment consists of the following parts:*

MELTING POT (electric).....	b37TC12	*
choker valve bushing.....	a37TC2	8.25
cover plate (bottom) (for nozzle heating unit).....	a37TC18	1.65
cover plate screws (10).....	2212.. a37TC19	.05
jacket (front).....	a37TC20	4.40
"    (rear).....	a37TC21	4.40
"    screw (12).....	2212.. a37TC22	.05
"    (bottom).....	37TC23	1.10
heating unit screw (4).....	227.. a37TC24	.09
magnesia packing.....	37TC11	.44
jacket plate (under nozzle heating terminal).....	a37TC31	.13

*Center Jet Molds require:*

<b>MELTING POT</b>		
liner (2 required for each point size) price per piece.....	37TC13	2.10
stud (2).....	37TC14	2.50
"    washer (2).....	37TC15	.55
"    nut (4).....	322.. 37TC16	.11

<b>ELECTRIC - CONTROL - PANEL STUD (C-H) bracket.....</b>	<b>37TC26</b>	<b>.80</b>
"    screw (2).....	173.. 37TC27	5.50
"    "    nut (2).....	312.. 37TC28	.11
"    "    nut (2).....	312.. 37TC29	.08
sleeve.....	37TC30	.33

<b>PISTON (1 3-16" dia.) (tolerance 1.1867" to 1.1870").....</b>	<b>a68TC1T</b>	<b>†</b>
link (2).....	68TC2	★1.40
"    pin.....	68TC3	★.27
handle.....	a68TC8T	†
"    stem.....	850.. a68TC9	†
"    "    nut.....	314.. a68TC10	★.08

<b>HEATING UNIT (left).....</b>	<b>94TC1</b>	<b>38.50</b>
(right).....	94TC2	38.50
<b>NOZZLE HEATING UNIT.....</b>	<b>94TC3</b>	<b>22.00</b>

<b>C-H JUNCTION BOX (58954 Y4).....</b>	<b>94TC4</b>	<b>7.70</b>
screw (2).....	247.. 94TC5	.05
<b>Combination C-H CONTROL BOX (Bulletin 15052D1) and DYNAMIC THERMOMETER</b>	<b>94TC6</b>	<b>100.00</b>
<b>NOZZLE-HEATING-UNIT RHEOSTAT (TC-SK 117).....</b>	<b>94TC7</b>	<b>13.20</b>
screw (3).....	2224.. 94TC8	.08
<b>JUNCTION BOX—Crouse Hinds FSC21.....</b>	<b>94TC9</b>	<b>1.10</b>
FSC21 2 (with side outlet).....	94TC10	1.65
<b>JUNCTION BOX SCREW (4).....</b>	<b>2224..</b>	<b>94TC16</b>
<b>ELL COUPLING (Thomas and Betts Cat. No. 8031) (4).....</b>	<b>94TC11</b>	<b>.55</b>
<b>COUPLING (Thomas and Betts Cat. No. 8222) (5).....</b>	<b>94TC12</b>	<b>.27</b>
<b>3-4" GREENFIELD FLEXIBLE CONDUIT (105" long cuts 4 pieces).....</b>	<b>94TC13</b>	<b>1.65</b>
<b>RHEOSTAT (X-126-1) (used D. C. only)....</b>	<b>94TC14</b>	<b>15.40</b>
<b>LOOM 1-2" x 19" long (motor to Rheostat) (for 94 TC14).....</b>	<b>94TC15</b>	<b>.22</b>
<b>UTILITY BOX (Union 180).....</b>	<b>94TC17</b>	<b>.25</b>
cover.....	94TC18	.08
screw (2).....	2234.. 94TC19	.08
<b>V. V. PIPE STRAP 3-4" (2).....</b>	<b>94TC20</b>	<b>.12</b>
screw (2).....	227.. 94TC21	.09
"    washer (2).....	413.. 94TC22	.08
<b>SUPPORT (for Thermo Couple).....</b>	<b>94TC23</b>	<b>.55</b>
screw.....	223.. 94TC24	.09
cotter.....	93.. 94TC25	.00
<b>THOMAS AND BETTS WEDGE ON LUGS (for No. 12 Wire) (10).....</b>	<b>94TC26</b>	<b>.03</b>

\*For the ELECTRIC MELTING POT equipped with the above parts together with the CHOKER VALVE a7TC1T, NOZZLE 62TC1, PISTON Xa68TC, and Heating Units, order c37TC12T. When ordering electric equipment, if A.C. give phase and voltage. If D.C. give voltage.

†a68TC1T is assembled with 68TC2 and 68TC3. Price assembled..... 8.50

‡a68TC8T is assembled with a68TC9 and a68TC10. Price assembled..... .60

NOTE: For the complete ELECTRIC MELTING POT including the above parts together with the CONTROL PANEL, wiring and all electric equipment, order

.....	<b>c37TC12TT</b>	<b>250.00</b>
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**Miscellaneous Supplies**

**MOTOR EQUIPMENT**

1-4 h.p., 1725 r.p.m., Constant Speed; including starter for D.C. Motors only: D.C. Equipment: 115 or 230 volts. Price 65.00  
A.C. Equipment: 60 cycles, single phase 110 or 220 volts. Price..... 65.00

MOTOR BRACKET..... 25.00

<b>AUTOMATIC HEAT CONTROL for gas.....</b>	<b>a55L1L</b>	<b>*</b>
hose.....	a49H2	★2.20
bracket.....	55L2	★1.00
"    shield.....	5515.. 55L5	★.10
"    screw (2).....	2223.. 55L6	★.08

\*a55L1L is assembled with a49H2, 55L2, 55L5 and 55L6. Price assembled 49.90

LINING GAUGE (one required for each plant) Xa23L 26.25

NOTE: Exchange allowance on old LINING GAUGE, f.o.b. Philadelphia..... 2.50

LINING STANDARDS (one required for each size) Price..... 21L1 .70

KEROSENE OR GASOLINE BURNER EQUIPMENT complete with Burner, Supply Tank and Pump..... 36L 50.00

AUTOMATIC METAL FEEDER with one thin ingot mold..... 60.00\*  
Extra INGOT MOLDS for thin ingots, each 2.00\*

\*Special Yoke Stud (b40TC3) and Automatic-feeder-bracket Clamp (X86TC) are required for applying Automatic Feeder to the Monotype-Thompson..... +

**Miscellaneous Supplies (continued)**

**TOOLS—STANDARD:** Furnished without charge to each Monotype-Thompson user, to suit equipment in his plant. Duplicate tools are priced as follows:

THERMOMETER.....	b41HH	12.70
THOMPSON INSTRUCTION BOOK.....		10.00
CHOKER TRIPPING TOOL (side jet).....	46L1	.75
“ “ “ (center jet).....	46L2	2.00
LADLE (small).....		<del>90.55</del>
MOLD BODY LIFTING TOOL.....	48L1	.75
NOZZLE DRIVING TOOL.....	45L1	1.00
OIL CAN (large, long spout).....		.75
PIN WRENCH.....	49L1	.55
SCREWDRIVER (large) (10" x 3-8").....	22L7	.90
SCREWDRIVER (small) (6" x 5-16").....	22L6	.60
SKIMMER (small).....	X8L	.45
<b>WRENCHES</b>		
No. 83 (13-32" x 1-2").....		.40
No. 8219 (7-8" box).....		.75
No. 8238 (1 1-4" box) (for Nozzle).....		1.25
(5-16" x 1-4").....	47L1	.60

**TOOLS—SPECIAL:** Recommended for purchase by each Monotype-Thompson customer for the most efficient maintenance of his equipment.

BRUSH (large 1 1-2").....		.20
“ (small 1").....		.15
CHOKER SEAT-GRINDING TOOL.....	40L1	2.00
FILE (6" hand smooth flat).....		.45
FILE HANDLE (size 2).....		.10
NOZZLE CLEANING TOOL.....	X42L	3.50
“ GRINDING “.....	41L1	2.50

**Miscellaneous Supplies (continued)**

PLIERS (flat nose, parallel jaws).....		1.25
PUMP RELEASE TOOL.....	43L1	.50
ROD (square bronze .3" x .3" x 8").....	44L1	.75
WRENCH No. 8221 (6" light adjustable angle).....		1.50
PRICE, per set (Special Tools).....		11.90
TYPE BODY GAUGE, 72 Point.....	X21TC	18.00
GREDAK: A grease and graphite compound for use in the two grease cups on the friction drive. One pound can.....		.50
MOLD CLEANING COMPOUND: For cleaning the parts of Molds. Not a lubricant. Per can of approximately 5 1-2 oz. net.....		.75
MONOTYPE-THOMPSON PASTE: For use on the Molds (in addition to Thompson Mold Oil). Per can of approximately 1 3-4 oz. net.....		.75
THOMPSON MOLD OIL: For use on Thompson Molds only. Per gallon.....		*1.35
*Container included in price of oil except for half gallon add 20 cents and for one gallon add 40 cents for container.		
VALVE GRINDING COMPOUND: For grinding Choker and Nozzle. Per 4 oz. can.....		.50
<b>MATRICES</b>		
6 to 12 point, each.....		.60
14 to 36 point, each.....		.60
42 and 48 point, each.....		1.00
THOMPSON MOLD BOX.....		1.60
EQUIPMENT BOX (for extra Thompson Mold parts).....		1.50

# Symbol Translations

## Old Thompson Type-Caster Numbers Translated to Monotype-Thompson Symbols

A4 B.....42TC77	266.....84TC32	B571....a37TC1	666....{26TC5	776....42TC27
A5 B.....42TC78	267.....84TC21	C571....a37TC12	{27TC5	777....42TC44
A8	268.....84TC20	A572....a68TC1	667....30TC6	{42TC15
A9	269.....84TC23	573....37TC3	668....30TC5	778....{42TC45
A10 B	270.....84TC42	574....37TC4	669....54TC47	{42TC58
A11	271.....84TC41	575....62TC1	670....54TC44	779....42TC29
A11 B	272.....84TC27	C576	671....54TC40	780....76TC6
A12	273.....84TC8	577.....6TC9	A673....a46TC4	781.....2TC13
A12 B	274.....10TC17	579.....2TC1	A674....a46TC1	782.....8TC4
A13	275.....84TC28	580....37TC2	678....80TC1	784....77TC2
A13 B	276.....84TC12	581....7TC2	679....80TC6	785....77TC4
A14	277.....84TC13	585....5TC1	680....80TC3	786....77TC3
A15....21TC1T	A301....a42TC61	590....12TC1	682....77TC1	G788
A16....Xa23L	A302....a42TC62	592....14TC1	683....54TC12	791....72TC1
A32 B	A303....a42TC63	593....39TC4	684....53TC2	792....8TC10
A201....a41TC1	A304....a42TC64	594....61TC1	685....53TC4	798....83TC5
A202....41TC8	305....37TC13	594 1/2...61TC3	686....76TC8	799....83TC4
B202....a41TC8	306....16TC9	595....{12TC4	687....85TC1	800....1TC1
A203....a41TC2	307....16TC7	{13TC6	688....16TC5	801....23TC1
A204....a41TC4	308....37TC14	596....{12TC2	689....13TC5	802....17TC1
205....41TC3	309....37TC15	{13TC4	690....2TC4	803....10TC24
A206....41TC6	413....2TC2	597....22TC1	691....54TC16	804....10TC22
207....41TC9	415....38TC4	598....82TC1	692....39TC1	805....18TC1
208....41TC10	416....37TC6	599....20TC1	693....54TC13	806....18TC3
B211....27TC8	417....37TC7	600....20TC14	694....54TC42	807....10TC7
212....27TC10	502....54TC1	B601....a42TC1	695....54TC41	807 1/2...10TC8
212 1/2...27TC12	503....54TC2	C601....a42TC59	696....80TC2	808....18TC5
213....27TC11	504....3TC1	{10TC19	698....81TC1	809....10TC10
217....33TC14	505....4TC1	{42TC10	702....{24TC1	810....10TC21
218....33TC7	506....38TC1	601 1/2 {42TC22	{57TC1	811....18TC14
A219....32TC7	507....60TC1	{42TC42	705....68TC2	812....10TC11
219 1/4...32TC12	509....2TC11	{42TC53	706....68TC3	813....18TC15
219 1/2...32TC11	510....2TC12	B602....42TC30	A707....a46TC3	814....10TC3
220....32TC8	A511....76TC10	603....42TC2	A708....a46TC2	814 1/2...10TC4
B221....32TC1	512....52TC1	M608	709....2TC6	817....18TC6
B222....32TC13	513....2TC7	609....42TC4	710....71TC2	818....{31TC5
222 1/2...32TC10	514....20TC13	611....42TC8	712....20TC9	{32TC2
B223....32TC5	515....2TC9	V612	713....20TC5	819....17TC11
224....32TC6	516....2TC10	B613....47TC1	714....20TC10	820....18TC12
235....31TC13	517....20TC3	B613 1/2...47TC2	715....20TC8	821....10TC1
236....31TC14	518....20TC4	615....52TC2	716....20TC7	822....17TC4
237....31TC12	518 1/2...20TC2	617....42TC6	717....80TC5	823....17TC2
238....31TC9	520....48TC1	618....{42TC7	718....80TC4	824....17TC8
239....31TC11	521....49TC1	{42TC31	G721	A825....81TC2
241	523....6TC1	628....49TC2	G723	826....17TC12
242 }....42TC78	A524....a76TC1	629....45TC3	726....79TC2	827....17TC10
243 }	525....53TC1	630....79TC1	727....80TC8	832....58TC1
244....42TC77	526....71TC1	{30TC8	736....42TC19	833....17TC3
251....84TC1	527....8TC6	631....{49TC3	736 1/2...42TC18	834....40TC1
252....84TC10	529....38TC6	{53TC6	742....21TC2	836....20TC6
253....84TC34	530....9TC6	{76TC5	749....38TC10	837....46L1
254....84TC40	531....7TC1	639....63TC1	750....15TC1	842D...21TC1
255....84TC25	C532	640....42TC17	754....8TC5	843....6TC11
256....84TC26	533....8TC2	646....54TC23	755....{8TC9	H844
257....84TC6	534....8TC1	646 1/2...54TC24	{71TC4	845....8TC7
258....84TC35	535....49TC4	649....50TC1	757....69TC2	846....9TC1
259....84TC37	536....{30TC9	650....54TC15	758....70TC1	847....9TC3
260....84TC2	{53TC7	655....18TC2	760....30TC7	848....9TC2
260 1/2...84TC4	537....69TC1	656....59TC1	763....39TC2	849....9TC9
261....84TC3	541....10TC13	657....59TC2	764....10TC14	850....9TC4
261 1/2...84TC5	544....71TC5	661....{26TC1	766....38TC11	851....38TC5
262....84TC18	545....83TC1	{27TC1	768....63TC2	852....8TC11
263....84TC19	546....52TC3	662....{26TC2	C771	854....8TC5
264....84TC16	548....38TC12	{27TC2	C772	856....9TC8
264 1/2...84TC17	549....69TC3	664....{26TC3	774....{42TC14	H858
265....84TC29	E550....X8L	{27TC3	{42TC43	861....18TC8
265 1/2...84TC30	E551	665....30TC3	775....42TC57	862....18TC16

## Symbol Translations

865.....2TC5	903.....37TC10	921.....{26TC15	945.....37TC9	972.....17TC7
866.....11TC1	904.....42TC36	{27TC15	946.....18TC18	973.....78TC1
867.....73TC1	A905.....42TC33	922.....{26TC7	947 1/2...30TC13	974.....16TC1
868.....73TC2	M906	{27TC7	948.....42TC23	A975....a16TC2
869.....17TC9	908.....83TC3	923.....30TC12	949.....13TC1	B976....a16TC3
872.....54TC20	909.....83TC2	B924....30TC2	949 1/2...13TC2	C976....a16TC8
882.....10TC15	A910....a54TC3	924 1/2...30TC16	950.....18TC10	977.....18TC25
883.....10TC12	A911....a42TC35	B925....30TC1	951.....{12TC5	978.....54TC26
F885	911 1/2...42TC41	925 1/2...30TC15	{14TC2	K979....45L1
886.....64TC1	912.....76TC2	926.....30TC11	952.....18TC23	E981....49L1
887.....65TC1	A913....a42TC46	G928	954.....54TC31	982.....48L1
888.....66TC3	913 1/2...42TC52	G929	{10TC18	983.....54TC34
889.....66TC2	914.....54TC21	933.....45TC2	955.....{19TC1	984.....54TC28
890.....66TC1	915.....42TC54	M934	{54TC37	985...Mfg #314
891.....42TC16	915 1/2..a26TC8	M935	955 1/2...54TC38	987....30TC14
C891....42TC60	B916....26TC9	936.....58TC2	956.....54TC30	988....Mfg #27
891 1/2..{42TC9	B916 1/2...26TC10	A937....{a42TC40	957.....67TC1	L989....21L1
{42TC21	B917....{26TC13	{a42TC51	958.....73TC3	990....47L1
892.....42TC24	{27TC13	N938	960....54TC27	H991....41HH
893.....43TC1	{26TC12	939....{42TC39	961....74TC5	E993...No. 8238
894.....44TC1	{26TC14	{42TC50	962....74TC2	994....{26TC6
895.....51TC1	B917 1/2..{27TC9	B940....b42TC49	963....18TC22	{27TC6
897.....54TC8	{27TC14	B940 1/2..b42TC38	964.....6TC3	996.....54TC36
898.....54TC4	B918....31TC1	941....{54TC6	965.....6TC5	997.....17TC6
899.....74TC1	B918 1/2...31TC8	{54TC10	966.....6TC2	998.....18TC19
900.....74TC6	B919....31TC10	942....45TC1	967....18TC20	B999
901.....75TC1	920.....31TC2	943.....54TC25	969....10TC20	1097....42TC28
902.....75TC2		944.....42TC47	971.....6TC8	

Symbol Transactions

1901	1902	1903	1904	1905	1906	1907	1908
1909	1910	1911	1912	1913	1914	1915	1916
1917	1918	1919	1920	1921	1922	1923	1924
1925	1926	1927	1928	1929	1930	1931	1932
1933	1934	1935	1936	1937	1938	1939	1940
1941	1942	1943	1944	1945	1946	1947	1948
1949	1950	1951	1952	1953	1954	1955	1956
1957	1958	1959	1960	1961	1962	1963	1964
1965	1966	1967	1968	1969	1970	1971	1972
1973	1974	1975	1976	1977	1978	1979	1980
1981	1982	1983	1984	1985	1986	1987	1988
1989	1990	1991	1992	1993	1994	1995	1996
1997	1998	1999	2000	2001	2002	2003	2004
2005	2006	2007	2008	2009	2010	2011	2012
2013	2014	2015	2016	2017	2018	2019	2020
2021	2022	2023	2024	2025	2026	2027	2028
2029	2030	2031	2032	2033	2034	2035	2036
2037	2038	2039	2040	2041	2042	2043	2044
2045	2046	2047	2048	2049	2050	2051	2052
2053	2054	2055	2056	2057	2058	2059	2060
2061	2062	2063	2064	2065	2066	2067	2068
2069	2070	2071	2072	2073	2074	2075	2076
2077	2078	2079	2080	2081	2082	2083	2084
2085	2086	2087	2088	2089	2090	2091	2092
2093	2094	2095	2096	2097	2098	2099	2100









