

# Tice Industries, Inc.

& Associates

*Views & Ideas from the*  
**Custom Shop**  
**2002**



CAD-CAM Design & Manufacturing  
*Since 1947*

# TICE INDUSTRIES



Margulis Jewelers - Portland, OR

## *The Corporate Image begins at the Front Door*

At Tice Industries, we focus on a special niche. We are a specialized manufacturing facility that produces the high-quality, close tolerance metal hardware that the large production facilities chose to ignore. Our experience ensures that your dreams can, and will, be realized.

We are the people to see when you are looking for that special job. We enjoy a challenge. Our CAD-CAM Manufacturing facility can produce the most challenging projects. With our affiliates in Computerized pattern development and investment castings, the unique can be accomplished.

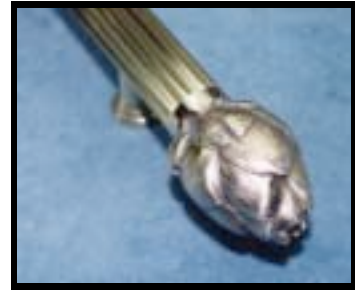
The following pages are a small illustration of past projects.

Tice Industries, Inc.  
*Views & Ideas from the*  
*Custom Shop*  
2002

Index

1. Handles
5. Flush Pulls
6. Push Bars
7. Hinges & Pivots
9. Levers
11. Knobs
14. Lock Spindles
15. Glass Clips & Hangers
16. Spacers & Shims
18. Lock Spacers & Misc.
19. Auxiliary Items
21. Foundry Practices
23. Our Facilities

## Handles



#11-10 Wire Pull

Carl Greve Jewelers - Portland

Cast Artichoke Finial



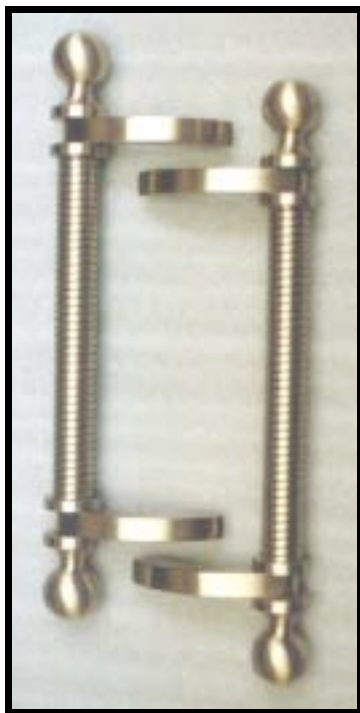
## Handles



*Most Finishes Available*



Breakers Country Club



## Handles



Old Navy

## Handles



White Columns Country Club - Georgia



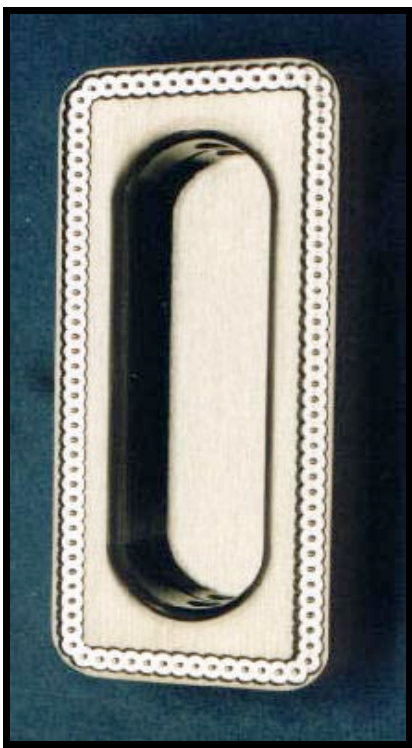
Washington Mutual Bank - Seattle WA



## Flush Pulls



Hand Hammered





## Push Bars

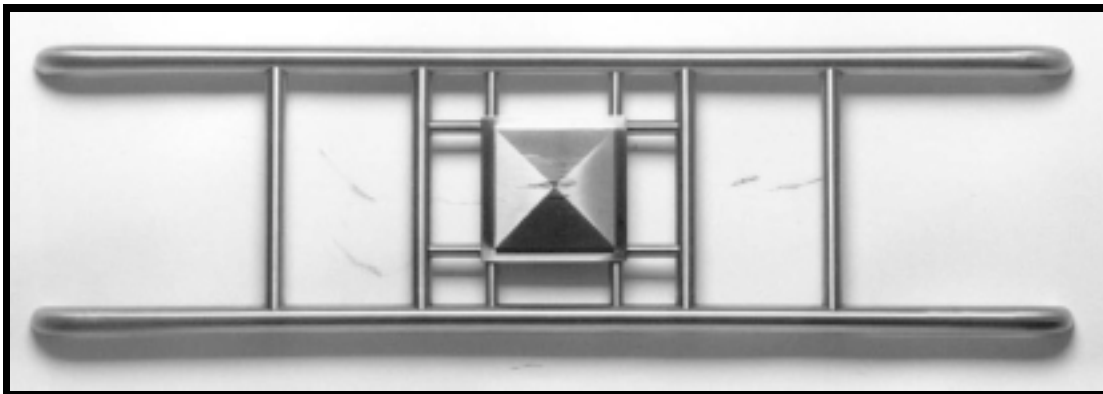


Custom Manufactured  
Push Bars

- Schools
- Hospitals
- Grocery Stores
- Department Stores



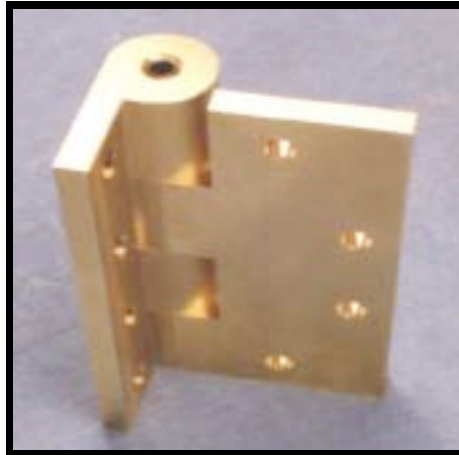
Design Assistance - *Special attention to Details*  
Scanning and File Transfer



## Hinges & Pivots



Pivot Hinge #369



C720



C307



Olive Knuckle Hinge



1015



#468 - Public Service Bldg. - Portland

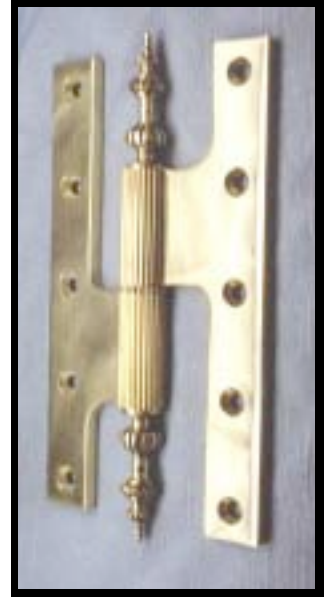
## Hinges & Pivots



291



Olive Knuckle Hinge



C307



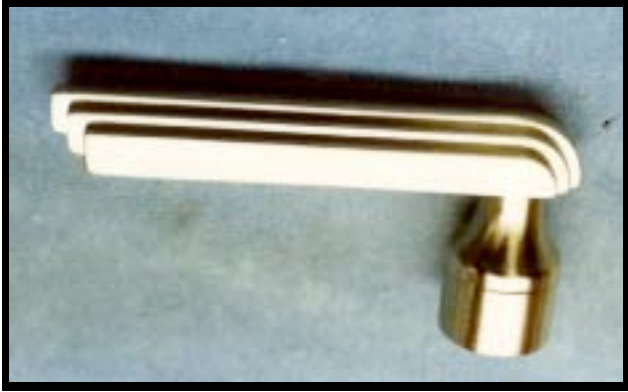
Ocean Boulevard Properties  
Florida



753



## Machined Levers



Deco Lever #472



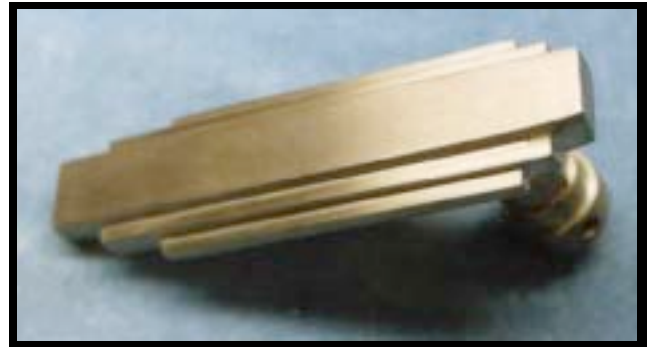
Bauhaus Lever #805



558



C747



Deco Lever #327



C708



963

## Investment Cast Levers



Custom Levers for most applications

Leveling springs for heavy parts

*Design assistance for all applications*

Cremone Bolt Lever & Hardware

## Machined Knobs



C729



561



512 - Egg Knob



Mushroom Knob & Rose



## Machined Knobs



630



B5



459



565

## Investment Cast Knobs



Melon Knob & Rose



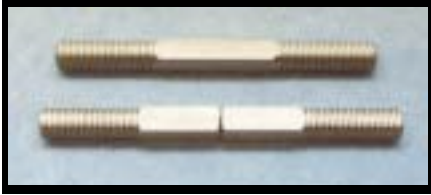
Montana State Capitol



Washington State Capitol

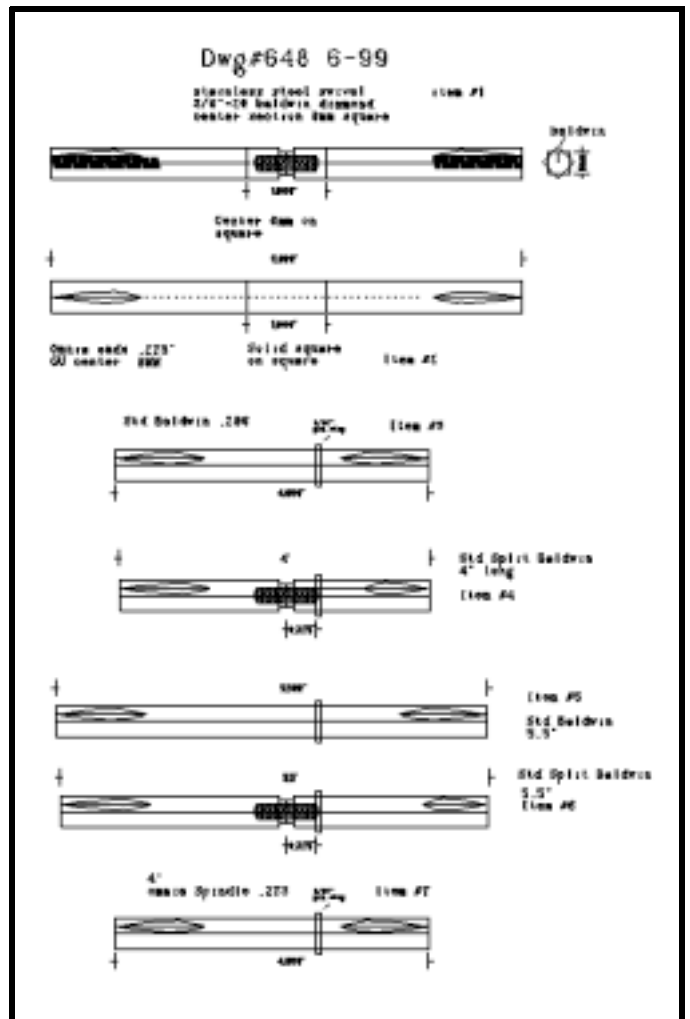


## Spindles



Lock spindles are precision machined on CNC Milling machines

Square to Diamond  
 Standard to Metric  
 Split Spindles  
 Metric Threads  
 7 & 8 mm to Baldwin  
 Any Length & Configuration



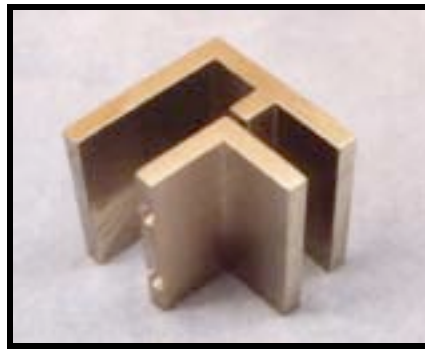
Dummy Spindle Mounts  
*Levers & Knobs*  
 Solid, one-piece construction



Custom Sub Roses  
 Concealed Mountings

## **Glass Clips and Hangers**

*Partitions - Walls - Windows - Ceilings*



## Spacers and Shims



### Glass Bead Kits

All Exit Device Spacers

Rixon, Sargent and other Manufacturers

Standard Thickness 1/4"

*Many styles in stock*

### MAG Base Spacers



### Rixon & LCN

Standard Thickness:  
1/4" , 3/8" , 1/2" , 3/4" , 1"

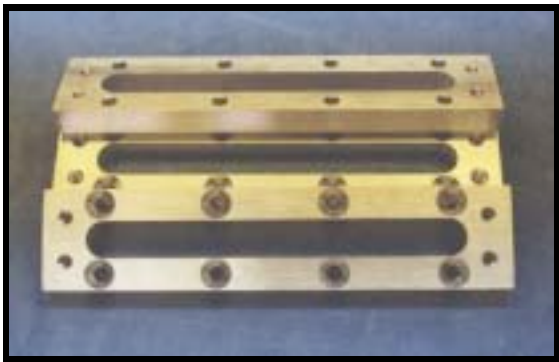


### Night Latch Spacers Ives & Others

482-A                      482-B

1/4" & 3/8" Thick Aluminum

*Can be Yellow anodized for Brass applications*

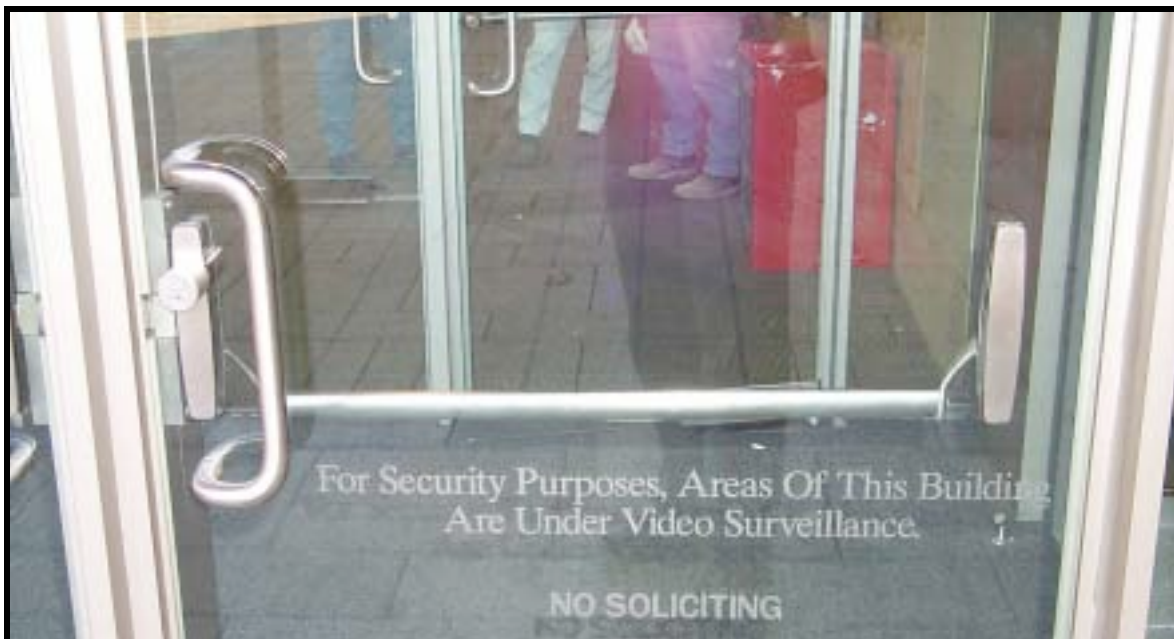


### Securitron #62 Mag Lock Attachment

Installation Bracket  
Standard 1/2" Thick

## **Spacers and Shims**

### Custom Mount Kits Panic Devices on Glass Doors



**Corbin / Russwin Von Duprin**

## Lock Spacers and Miscellaneous Items



Cylinder Blocking Rings

*Any Material, Finish,  
Thickness & Contour*



1-3/4" to 1-3/8" reducer Rings



Escutcheon Covers  
Goof Rings



Knurling for Levers & Knobs  
**UBC Handicapped**

Lead Lining for X-Ray room doors

## Auxiliary Items



12-24 Security Screws

*Installed in Hollow metal hinges will make door removal nearly Impossible*

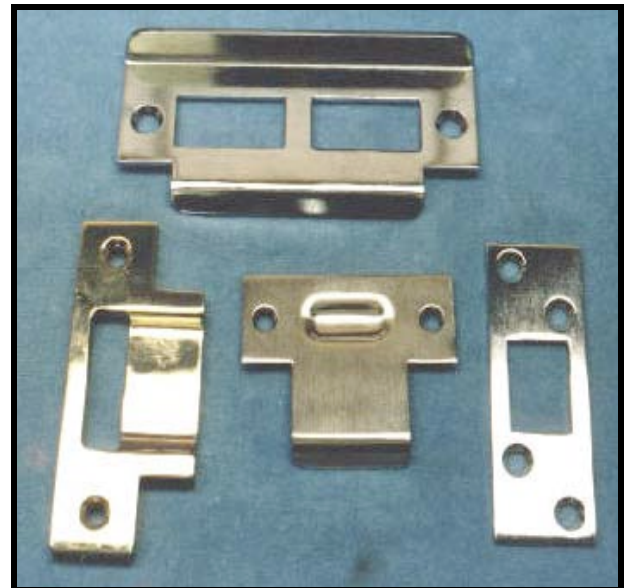


RS2 **Retractable Floor Stop**

2" retractable Floor Stop  
Rugged 3/4" Stainless Steel 18-8

Flush with floor when retracted  
- Spring Loaded

- Easy Installation with 1-1/4" hole in floor
- Removable for cleaning & maintenance



**Custom Manufactured  
Lock Strikes**

*Any Configuration & Shape*  
Backstop - Roller Latch - Rabbit

## Auxiliary Items



Coat Hooks



Door Stops



Cylinder Covers



Thumb Turns



Cylindrical Dust Proof  
Strike Holder

Key opening  
Escutcheons

*Standard or  
Decorative*



Cabinet Pulls



## Wax Carving, Sculpture, Studio & Foundry

### Old World Craftsmanship, New World Technology

Investment Castings (Lost Wax), have been around for hundreds of years. With today's high tech and Aerospace, Investment castings are still the primary way in which complicated shapes are produced. Old and discontinued parts may be reproduced to exact original specifications..



Pouring Hot Liquid Brass into Shell Mold



Wax Lock Escutcheons Gated & Mounted  
Ready for Shell Mold Application



Various Pattern Configurations  
Prior to Molding



Highest Details Available

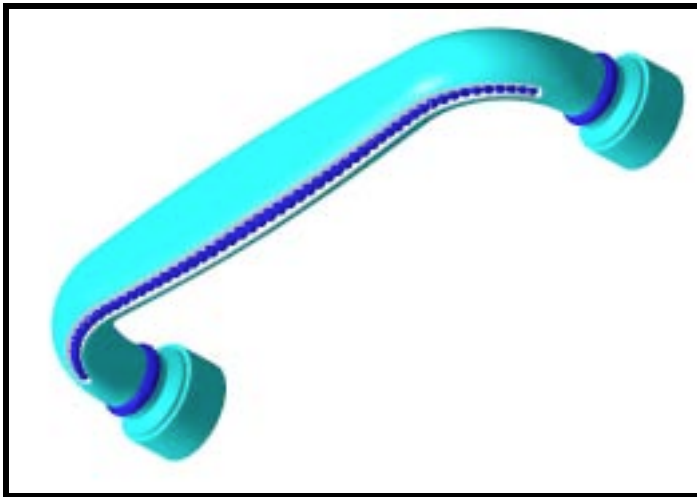


Pineapple Finial  
Hand Carved in Wax

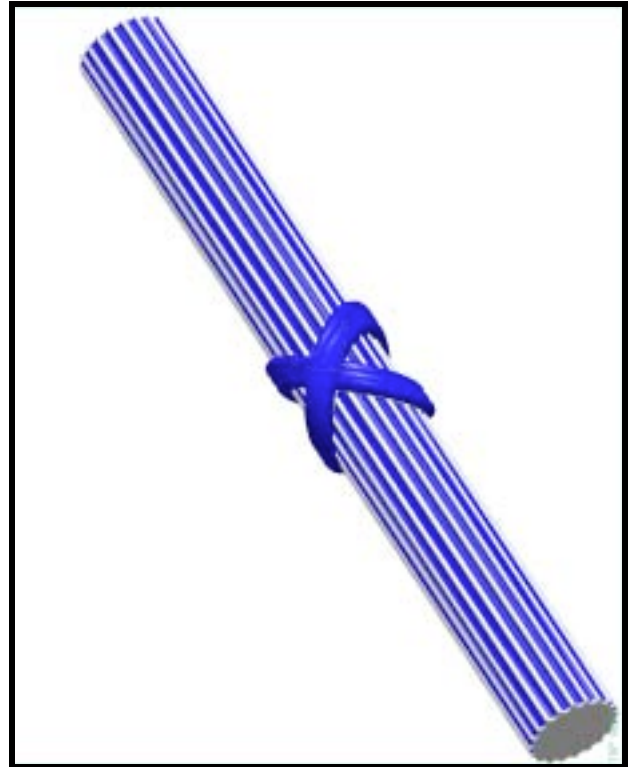
Brass \* Bronze \* Aluminum \* Stainless Steel



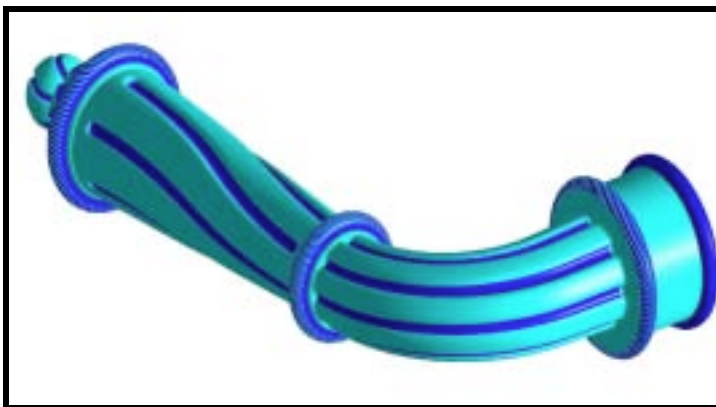
Custom part design  
utilizing specialized  
computer equipment



Beaded Handles



Ribbon & Reed Grips



Levers



Rope Flush Pulls

## Our Facilities

### State of the Art CAD-CNC

Computer Aided Design

Computer Numeric Controlled



Fabrication

Press Work

TIG-MIG Welding

Polishing & Finishing

Foundry Work  
Investment Casting

Pattern Design & Construction

Modeling