# HARDINGE WORKHOLDING

PRODUCT OVERVIEW WORKHOLDING ROTARY









#### Collets for Lathes. Mills and Grinders

BROCHURE 2348

Hardened and Ground Collets Special Accuracy Collets Emergency Collets Extended-Nose Collets Step Collets Long Bearing Drill Collets Lensmaker Collets Style "S" Master Collets and Pads B42 and B65 Collets Collet Stops Expanding Collets Dead-Length® Collets and Ejector Stops Step Chucks and Closers Dead-Length® Emergency Step Chucks Dead-Length® Spider Stop Step Chucks Manual Chucks Fixture Plates



#### Micromachining and **Laboratory Collets**

BROCHURE 2349



#### Flex-C® Quick-Change Vulcanized Collet Systems

**BROCHURE 2382** 

A2 Spindle-Mount Styles Flat-Back Spindle Mount Styles 42, 65 and 80mm Collets



#### HCAC® Collet Adaptation Chucks

**BROCHURE 2352** 

Solid Collets Master Collets Collet Pads 5C, 16C, 3] 22J, 35J, S15, S20, S26, S30 #21 B&S, #22 B&S B42, B60, B65 **DIN 90** and many more!



#### Sure-Grip® **Expanding** Collet Systems

BROCHURE 2270

True Parallel Grip Dead-Length® Work Stop Instant Centering 5C, 16C, 3J Collet-Styles A2 Spindle-Mount Styles Center Arbors Gripping Range+.015" to -.001"



**HQC**<sup>®</sup> Quick-Change Collets for Lathes and Automatics

BROCHURE 2339



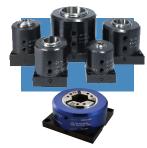
### BROCHURE 1503

**BUCK Chucks** 

Scroll Chucks Independent Chucks Power Chucks Low Profile Chucks Stationary Chucks Air Chucks laws & Accessories



Special Shapes and Accuracies Special Materials Non-Round Parts Eccentric, Off-Center, Stepped Parts and much more!



#### Collet Blocks BROCHURE 2365

Hydraulic, Pneumatic 1C, 3C, 5C, 16C, 3J, 22J and 35J FlexC 42 and 65



#### Collets for Automatic Screw Machines, Turret Lathes and Rotary Transfer Machines

**BROCHURE 2287** 

Solid Collets Burring Collets Feed Fingers Master Collets Collet Pads Emergency Collets



#### Swiss-Style Collets, Guide Bushings and Bar Loader Collets

**BROCHURE 2283** 

Headstock Collets Emergency Collets Pick-Off Collets Carbide Guide Bushings Bar Loader Collets Tool and Tap Holder Collets



Custom Swiss Collets and Adaptive Guide Bushings for Citizen

BROCHURE 2283



#### Tool Holders, Toolholder Collets and Bushings

BROCHURE 2351

ER-Style Collets & Tap Collets
ER-Style Collet Holders
DA Double-Angle Collets & Holders
TG-Style Collets
HDO-Style Collets
HF-Style Collets
Cincinnati Monoset Collets
IC Collets & Holders
Hardinge TT Tap Collets & Holders
GK Self-Feeding Tap Collets & Drivers
Bilz-Style Quick-Change Tap Collets
HDB Bushings
HDC Bushings
HDZ Bushings



#### 5C<sup>2</sup> Indexers

Sell Sheet 2385 Gear-Driven Single, Dual, Triple, Quad Spindles



# 16<sup>2</sup> / 3J<sup>2</sup> Rotary Tables and Indexers

Sell Sheet 2386

Gear-Driven Single, Dual, Triple Spindles



#### Low-Profile Rotary Tables and Indexers

Sell Sheet 2387 Gear-Driven 160 And 210mm Face Plates



## All-Digital Indexer Control

Sell Sheet 2395



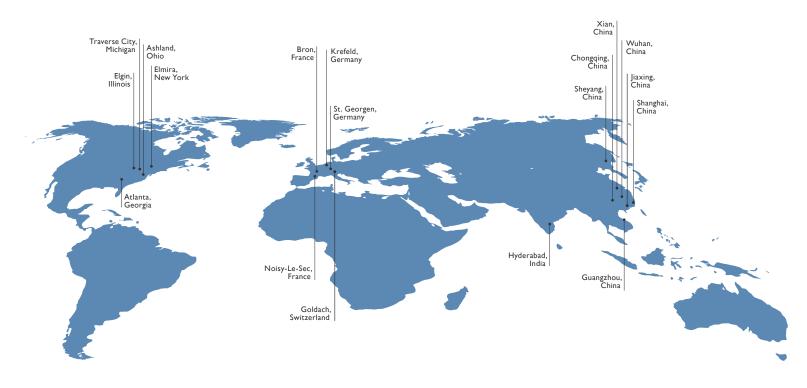
Plate and Cube Trunnions

Sell Sheet 2390



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#### HARDINGE WORLDWIDE





Hardinge is a leading international provider of advanced metal-cutting solutions. We provide a full spectrum of highly reliable CNC turning, grinding, and honing machines as well as technologically advanced workholding accessories.

The diverse products we offer enable us to support a variety of market applications in industries including aerospace, agricultural, automotive, construction, consumer products, defense, energy, medical, technology, transportation and more.

We've developed a strong global presence with manufacturing operations in North America, Europe, and Asia. Hardinge applies its engineering and applications expertise to provide your company with the right machine tool solution and support every time.

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