



CJWINTER

Attachments

Made in the USA

Why cut, when rolling gives you better strength and quality? And why roll with anyone else's attachments, when CJWinter® gives you the reliability and versatility you need? By choosing CJWinter, you've chosen state-of-the-art technology. You've opted for fast adjustment, rapid recalibration, time and money saved, and reduced waste. You've picked a winner – one who's got your success in mind.

CNC – CJWinter offers superior products for CNC applications. When you invest in our CNC attachment technology you are ready to roll threads to the high-precision standards necessary for today's high-tech industries.

ER – The ER Series of end rolling attachments feature innovative design that provides high rigidity for longer tool life, better quality threads, and excellent thread roll protection.

PNEUMATIC – Winter's exclusive air powered attachments virtually eliminate part deflection and flaking. A single cam can be used throughout the entire size range, thread rolling pressure is equalized and side pressure is eliminated. Pitch diameter can even be adjusted while the machine is running.

TANGENTIAL – The tangential attachment has many of the same features as the pneumatic attachments and even easily converts to air powered. Tangential attachments mean fast setup, no tools required for pitch adjustment, solid carbide roll pins, and no adapter required for many machines.

MATCH TAPER – The patented CJWinter match taper design and process matches the large diameter of the thread roll to the diameter of the blank. This eliminates the mismatch of thread rolls on the work piece and the attachment "walking" on the part.

OUTBOARD – The outboard style attachment is designed to roll threads on parts that are usually held where shoulder or stock clearances are critical.

DETROIT – Engineered to the closest of manufacturing tolerances, our Detroit line provides quality and reliability to customers who prefer a traditional tangential rolling style.

ROTARY RADIAL – The Model 234 rotary radial attachment was specifically designed for close-shoulder threading on rotary transfer machines.

Tough Products. Easy Choice.

You know what you need. And we've got the product you want. Order by order, we never forget that your profits, and our reputation, are on the line. So when you choose us, we'll deliver the high quality products you expect.

At CJWinter, we know we're doing more than just selling thread rolls, tool holders, and attachments for screw machines and lathes. We're taking on the day-to-day work issues you face. We're tackling your high-precision needs. We want you to think of us first, and to think of us every time.

- Half a century of leading-edge service to the machining industry
- Individual attention
- Superior service

From CJWinter, you get:

For over a half a century CJWinter has provided superior service and technical assistance to the machining industry. Our customers rely on the individual and personal attention that CJWinter provides every day.

- Flexibility ... not just from us, but from our adjustable-on-the-fly attachments
- Meticulous attention to detail
- Repeatable reliability, down to the micron
- Innovation and quality

- Application/design review is awarded at no charge when part print or roll geometry is provided.

Every one of our sales staff gets intensive hands-on training and experience as an operator. They understand what you need. You get shop talk, not slick talk. We customize to your exact specifications.

We don't have customers. We have partners.

We know the secret to good business: that from your smallest order to your largest project, our success depends on your success. You want to choose players who want your team to win. And we're that choice.

Where else can you expect:









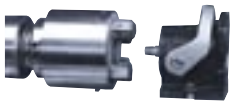
- Innovation that makes your life a lot easier ... tools and attachments that can be up and running in a snap, and adjusted on the go
- Instant access to engineers who will work with you on part design and specifications
- Value added to every step of your transaction, from knowledgeable sales staff up front, to after-sale support
- Customization of almost every product; down to the smallest thread roll built specifically for you, to your specifications, to your needs
- Factory spare parts are also available with all of the quality and longevity you would expect from CJWinter

NEW **ERSERIES** End Rolling Attachments

Anything short of perfection wouldn't be good enough for our ER-SERIES thread rolls. CJWinter's world-renown thread roll manufacturing and design techniques provide longer thread life, higher repeatability and less run out. Standard size thread rolls are available for same day delivery and are **interchangeable for use with competitive end rolling attachments.**

Other features available with the ER-SERIES of end rolling attachments are high performance-coatings to increase product performance and tool life and application/design review and at no charge when you provide a part print or specific roll geometry. Call us for information. You'll appreciate the attention we provide our customers every day and see the difference in the quality of CJWinter products.



Type	Attachment	Series	Range	Max Work Face	Machines
CNC		NC41	#0-80 to 3/4-32 1/16-27 NPT to 3/8-18 NPT M1.6 x 0.35 to M18 x 1.5	Inches 1.000 Metric 25.4	Most lathes & multi-spindle screw machines
		ER-189 SERIES	#6-40 - 1/4-28 M5x0.8 - M6x1.0	.3932**	
		ER-190 Series	1/4-20 - 7/16-20 M6x0.75 - M11x1.25	.5900**	
		ER-191 Series	5/16-28 - 5/8-18 M12x1.25 - M16x2.0	.7872**	
Radial Infeed* Pinch Type Attachments and Tangential* Type Attachments		125/126 Series	#0-80 to 1/2-32 1/16-27 NPT to 1/4-18 NPT M1.4 x 0.3 to M12 x 1.75	0.630 16.0	Brown & Sharpe Cono-Matic Davenport Euroturn Gildemeister Greenlee Hardinge Index Mitsubishi Mori-Say National Acme New Britain Schutte Tornos Bechler Warner Swasey Wickman ZPS
		134 Series	#0-80 to 3/4-32 1/16-27 NPT to 3/8-18 NPT M1.4 x 0.3 to M18 x 2.5	0.750 19.0	
		141/151 Series	#0-80 to 7/8-32 1/16-27 NPT to 1/2-14 NPT M1.4 x 0.3 to M22 x 2.	1.000 25.4	
		160 Series	#10-32 to 1 7/8-18 1/8-27 NPT to 1 1/2 - 11 1/2 NPT M6 x 1.0 to M45 x 3.0	1.656 42.1	
		162/163 Series		1.395 35.4	
		170 Series	5/16-18 to 2 1/4-20 1/2-14 NPT to 1 1/2-11 1/2 NPT M10 x 1.5 to M56 x 3.0	1.656 42.1	
	172/173 Series	1.395 35.4			
Pipe Thread* Match Taper Attachments		134 MT Series	1/16-27 NPT/NPTF to 3/8-18 NPT/NPTF 1/16-27 BSPT/PT/ISO-7 to 3/8-19 BSPT/PT/ISO-7	0.750 19.0	
		151 MT Series	1/16-27 to 1/2-14 NPT/NPTF	1.000 25.4	
		162 MT Series	1/8-27 NPT/NPTF to 1 1/2-11 1/2 NPT/NPTF 1/16-27 BSPT/PT/ISO-7 to 3/4-14 BSPT/PT/ISO-7	1.395 35.4	
Outboard Radial Infeed* Pinch Type & Detroit Attachments		145 OB Series	#0-80 to 3/4-32 1/16-27 NPT to 3/4-14 NPT M1.4 x 0.3 to M33 x 1.5	0.625 15.9	
		165 OB Series		0.750 19.0	
		77300		0.875 22.2	
Detroit Style* Attachments		76200 76300	#0-80 to 3/4-32 1/16-27 NPT to 3/8-18 NPT M1.4 x 0.3 to M18 x 2.5	0.937 23.8	
		76400		1.188 30.2	
Rotary Radial Attachment		234-SA	#0-80 to 3/4-32 1/16-27 NPT to 3/8-18 NPT M1.4 x 0.3 to M18 x 2.5	0.750 19.0	Hydromat Rotary Transfer

*Not all attachments are available for all machines. **The dimensions indicated for ER Series are Roll Work Faces; the thread length can easily range from 1 to 10 X that amount. Please consult your distributor or CJWinter® for specific application information.

Tool Holders



The NEW Model 111 Shave Tool

- Reduces height by 1/2" over the Model 108, increasing clearance between 2nd & 3rd positions.
- Modular taper arm works in conjunction with taper adjust mechanism and also allows mounting of shave tool in multiple positions.
- Locking gib allows for a quick change and secure locking of entire shave tool and block assembly.
- Expansion gib and zero clearance matched assembly allows for a more rigid running mechanism and virtually eliminates chatter.

CJWinter Machine Technologies, Inc. provides a full-line of American-made slides and tool holders for CNC turning centers, Swiss, multi-spindle, and many other machines.



**END
ROLLING**



PNEUMATIC



**THREAD
ROLLS**



TANGENTIAL



**TOOL HOLDERS
AND SLIDES**



 **CJWINTER**

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