

# ***Reel Options<sup>®</sup>***

*by Vandor Corporation*



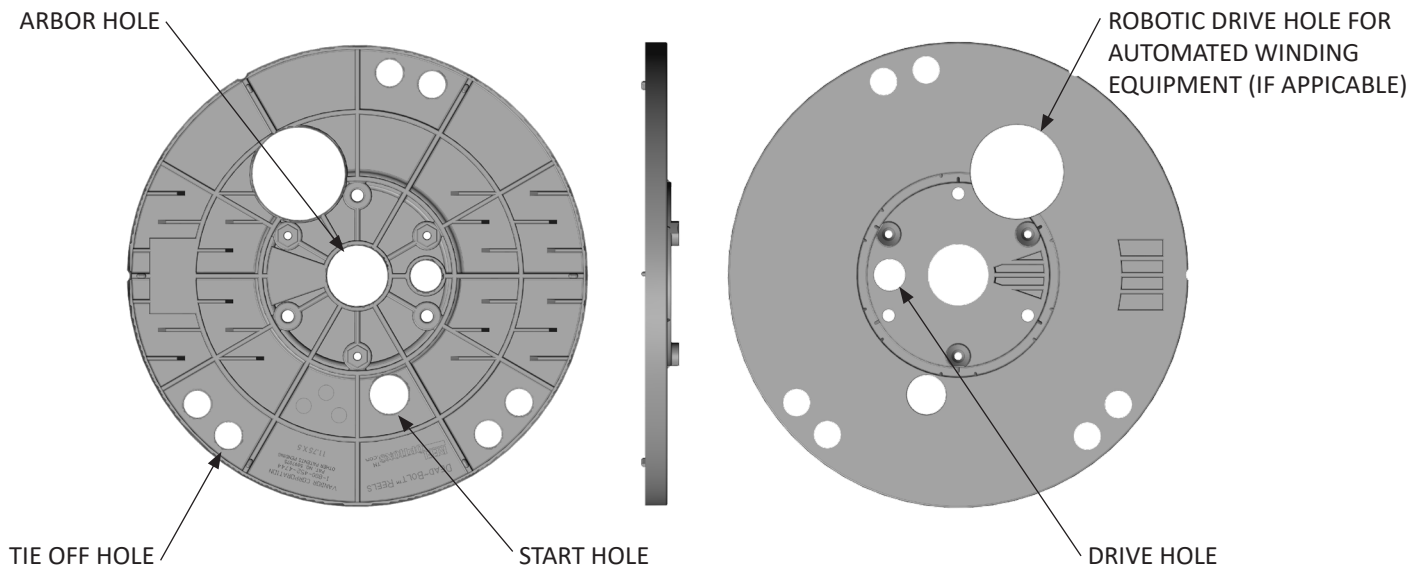
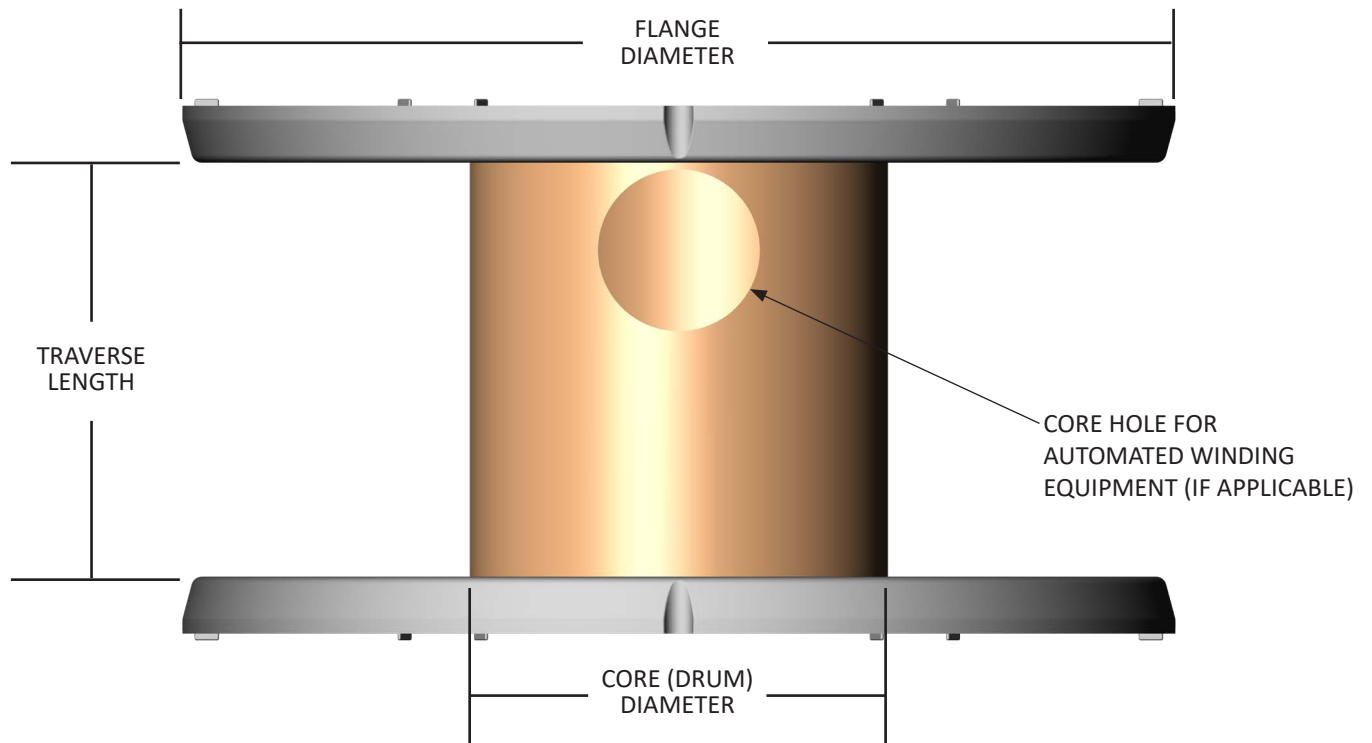
Reel Options<sup>®</sup> is a division of Vandor Corporation  
4251 W. Industries Road, Richmond, IN 47374

To find out more about Vandor Corporation please visit our website at [www.vandorcorp.com](http://www.vandorcorp.com)

***The Leader In Plywood Replacement Reels***

***PRODUCT CATALOG***

# FEATURE TERMINOLOGY SHEET



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Richmond, IN 47374-1435 USA  
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### Quality Policy:

Vandor Corporation places a high priority on Customer Service by meeting or exceeding our Customers' Requirements. We are determined to further develop our market position through our commitment to Quality and Continuous Improvement.

### Unique products:

- Single use reels primarily for wire and cable manufacturers
- Recyclable mono-material plastic utility spools that are both strong and economical
- Plastic payout tubes for reel-less wire packaging
- 3~FLANGE reels in plastic and corrugated paper for fiber optic applications
- **Enviromold®** brand products are produced with 100% recycled materials

### Capabilities and Key Factors:

- Injection molding presses up to 1000 ton capacity
- Die-cut corrugated paper, chipboard, and plastic flanges
- Precision cut thermoplastic extruded cores (drums)
- Precision cut spiral wound paper cores (drums)
- Custom core notching for automated winding equipment
- Mono-Material plastic assembly - fully recyclable
- Automated and/or manual reel construction
- Unassembled component shipments available
- Customized practical stocking plans
- Low minimum order quantity
- All Enviromold® products are made with recycled materials!
- Flexible tooling to accommodate multiple arbor sizes
- Many flanges available with or without offset robotic drive holes
- Able to accommodate a wide array of winding equipment
- Experienced design and engineering team
- Cost effective reprocessed resins
- Prime and custom resins on request
- Custom equipment available for on-site assembly
- 175,000 sq ft manufacturing and warehouse facility
- Extensive Quick Ship stock reels list
- ISO 9001:2015 CERTIFIED

### Primary Industries served:

- Building Wire
- Hose & Tubing
- Cable
- Fiber Optics
- Rope & Cordage
- Connectors & Stampings





## **KD (knock down) Reel or Component Shipping**

- Save on inventory space by assembling reels as needed
- Cost effective shipping maximizes transport space, including over the road trailers and shipping containers!
- Integrated Flange stacking keeps parts stable during shipment
- Integrated Endstand stacking keeps parts stable during shipment
- Plastic or spiral wound paper cores (drums) available for most cores 8" dia or less
- Customer specified traverse length
- All reels except Spinweld are able to ship unassembled
- Order all reel components or only what you need!
- We size the reel (or component) to customer specifications
- Allows customers to utilize local core supplier!
- Bolts ship in sturdy corrugated boxes
- Order KD Reels as sets or separate components as needed
- Product is secured on pallet with stretch film
- Corrugated top and/or bottom, and layer pads are used as needed for extra security



Example of KD order for flanges and cores to produce reels at customer site



Example of palletized flanges  
(product is secured with stretch film for shipment)



Example of palletized cores  
(product is secured with stretch film for shipment)



Example of palletized bolts  
(bolt quantity and size of box is dependent to bolt size)

## **Reel With Flat Wrap Core (new product coming soon!)**

- Patent pending design!
- Ships flat - Forms into strong core
- Allows for customer builds as needed, on-site
- Aggressive tabs for strong seam
- Saves space in shipping and inventory storage
- Multiple methods of assembly, including Stapled and Bolted
- Custom traverse length available
- Custom notching for automated winding equipment
- Smooth transition notched center flange available on select flanges
- Traditional die-cut notched center flanges available
- Use with 2-Flange and 3-Flange Reels
- Pairs great with Enviromold® branded products!



## Mono-Material Plastic Reels

- Designed for strength and durability
- Lightweight and Economical
- Enviromold® brand reel made from 100% recycled polypropylene
- Allows for better waste management and recycling
- SPIN~WELD construction method offers secure and permanent bond
- Customer specified traverse length
- Multiple product tie-off holes
- Elongated drive slots on select flanges to accommodate a variety of winding machines
- Custom core notching for automated winding equipment



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Robotic Drive	Mating Endstand(s) / Additional comments	Load Capacity**
960169	6.5 X 1.875	0.800	N/A	NO	n/a	25 lbs
960109	10.5 X 3.5	0.800	0.50	YES	n/a	35 lbs
960111	10.5 X 3.5	1.600	0.50	YES	960108, 960118	35 lbs
960283	10.5 X 3.5	0.800	0.50	NO	n/a	35 lbs
960284	10.5 X 3.5	1.600	0.50	NO	960108, 960118	35 lbs

\*Part number designates flange component only. Assembly number is assigned per order based on requested traverse length and other assembly factors.

\*\*Load capacity is an estimate only. Actual load capacity may vary based on type of product used on reels and environmental conditions.

## 3~FLANGE Reels

- Ideal for fiber optic applications
- Stock Enviromold® DEAD~BOLT® flanges made from recycled polypropylene
- Available with spiral wound paper cores (drums) or extruded plastic cores (drums)
- Core cutouts and windows available, sized to customer specifications
- Customer specified traverse length
- Traditional die-cut notched center flanges available
- Center flange with molded-in transition notch  
(Reduces potential for damaged product in transition area)
- Available in the following sizes:
  - 14 X 8 DEAD~BOLT® Flange
  - 19.75 X (10 & 12) DEAD~BOLT® Flange
  - 23.75 X (8, 10, 12 & 16) DEAD~BOLT® Flange (Now available with improved transition area!)



## Dispensing Tubes for Reel-less Packaging

- Used in boxed or wrapped packaging without need of a traditional reel
- Designed to prevent wire from pinching or snagging during payout
- Flanged end integrates into packaging so the tube stays in place
- No sharp edges to damage wire during payout
- Able to use in automated equipment or load onto packaging manually
- Lightweight and easy to use!



## STAPLED Reels

- Shock absorbing flange designs
- Low cost alternative to plywood
- Enviromold® flanges made from recycled polypropylene
- Elongated drive slots to accommodate a variety of winding machines
- Multiple product tie-off holes
- Assembled with plastic or spiral wound paper cores (drums)
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping
- Custom core notching for automated winding equipment



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Robotic Drive	Mating Endstand(s) / Additional comments	Load Capacity**
960012	11 X 5	1.760	0.625	N/A	n/a	50 lbs
960185	12 X 4	1.530	0.750	YES	960299	55 lbs
960162	12 X 4	1.770	0.750	YES	960300	55 lbs
960172	12 X 4	1.770	n/a	YES	960273 (LABOR~SAVER™ ASSEMBLY)	55 lbs
960155	12 X 5	1.530	0.750	YES	960299	55 lbs
960052	12 X 5	1.530	0.750	NO	960299	55 lbs
960064	12 X 5	1.800	0.750	NO	960080, 960065, 960300	55 lbs
960095	12 X 5	1.800	0.750	YES	960080, 960065, 960300	55 lbs
960073	12 X 5	1.770	0.750	YES	960080, 960065, 960300	55 lbs
960107	12 X 5	1.770	0.750	YES	960080, 960065, 960300	55 lbs
960295	12 X 5	1.590	0.500-0.750	NO	960288, 960290, 960299	70 lbs
960100	12 X 5	1.760	0.500-0.750	YES	960080, 960065, 960300	70 lbs
960151	12 X 6	1.770	0.750	YES	960080, 960065, 960300	55 lbs
960070	13.5 X 4	1.800	0.750	YES	n/a	60 lbs
960164	14 X 5	1.590	0.500-0.750	YES	n/a	55 lbs
960104	14 X 5	1.760	0.500-0.750	YES	960058, 970097	55 lbs
960087	14 X 8	1.560	0.750	YES	n/a	60 lbs
960079	14 X 8	1.780	0.750	YES	960080, 960065, 960300	60 lbs
960184	14 X 8	1.780	0.750	NO	960080, 960065, 960300	60 lbs

\*Part number designates flange component only. Assembly number is assigned per order based on requested traverse length and other assembly factors.

\*\*Load capacity is an estimate only. Actual load capacity may vary based on type of product used on reels and environmental conditions.

## DEAD~BOLT Reels

- Shock absorbing flange designs
- Patented rapid assembly system; grade 5 bolts will not vibrate loose
- Enviromold® flanges made from recycled polypropylene
- Anti-rotation features prevent cores (drums) from spinning independently
- Multiple product tie-off holes
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping
- Custom core notching for automated winding equipment



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Robotic Drive	Mating Endstand(s) / Additional comments	Load Capacity**
960026	11.75 X 3	1.770	0.625	NO	960300	75 lbs
960049	11.75 X 5	1.435	0.806	NO	n/a	75 lbs
960041	11.75 X 5	1.435	0.806	YES	n/a	75 lbs
960029	11.75 X 5	1.560	0.806	NO	960288, 960290, 960299	75 lbs
960040	11.75 X 5	1.560	0.806	YES	960288, 960290, 960299	75 lbs
960027	11.75 X 5	2.060	0.806	NO	960301	75 lbs
960038	11.75 X 5	2.060	0.806	YES	960301	75 lbs
960155	12 X 5	1.530	0.750	YES	960299	55 lbs
960052	12 X 5	1.530	0.750	NO	960299	55 lbs
960095	12 X 5	1.750	0.750	YES	960080, 960065, 960096, 960289	55 lbs
960160	12 X 5	1.590	0.750	YES	960299	85 lbs
960105	12 X 5	1.760	0.750	YES	960080, 960065, 960096, 960289	85 lbs
960101	12 X 6.33	1.760	0.750	YES	960080, 960065, 960096, 960289	85 lbs
960051	13.5 X 5	1.405	0.800	NO	n/a	85 lbs
960043	13.5 X 5	1.405	0.800	YES	n/a	85 lbs
960050	13.5 X 5	1.560	0.800	NO	n/a	85 lbs
960044	13.5 X 5	1.560	0.800	YES	n/a	85 lbs
960068	13.5 X 5	1.750	0.800	NO	960055, 960058, 960097	85 lbs
960053	13.5 X 5	2.020	0.800	NO	n/a	85 lbs
960057	13.5 X 5	2.020	0.800	YES	n/a	85 lbs
960330	13.5 X 6	1.895	.800	YES	<b>NEW!</b>	85 lbs
960161	14 X 5	1.590	0.750	YES	n/a	85 lbs
960103	14 X 5	1.760	0.750	YES	960055, 960058, 960097	85 lbs
960165	14 X 6.33	1.590	0.750	YES	n/a	85 lbs
960102	14 X 6.33	1.760	0.750	YES	960055, 960058, 960097	85 lbs
960090	14 X 7	1.800	1.000	NO	n/a	75 lbs

\*Part number designates flange component only. Assembly number is assigned per order based on requested traverse length and other assembly factors.

\*\*Load capacity is an estimate only. Actual load capacity may vary based on type of product used on reels and environmental conditions.



## DEAD~BOLT Reels

- Shock absorbing flange designs
- Patented rapid assembly system; grade 5 bolts will not vibrate loose
- Enviromold® flanges made from recycled polypropylene
- Anti-rotation features prevent cores (drums) from spinning independently
- Multiple product tie-off holes
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping
- Custom core notching for automated winding equipment



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Robotic Drive	Mating Endstand(s) / Additional comments	Load Capacity**
960243	11.75 X 5	1.560	0.800	YES 2X	960288, 960290, 960299	75 lbs
960242	13.5 X 5	1.560	0.840	YES 2X	n/a	85 lbs
960244	13.5 X 5	2.020	0.840	YES 2X	n/a	85 lbs
960072	14 X 8	1.780	0.500-0.750	YES	960055, 960058, 960097	75 lbs
960056	14.5 X 6	1.560	1.000	NO	n/a	110 lbs
960071	14.5 X 6	1.800	1.000	YES	n/a	110 lbs
960196	15.75 X 5	1.560	1.000	YES	n/a	120 lbs
960075	15.75 X 5	2.060	1.000	NO	n/a	120 lbs
960192	15.75 X 5	2.060	1.000	YES	n/a	120 lbs
960331	15.75 X 6	1.895	1.000	YES	<b>NEW!</b>	120 lbs
960188	18 X 5	1.780	0.840	NO	n/a	225 lbs
960186	18 X 8	1.780	0.840	NO	n/a	225 lbs
960115†	19.75 X 7	1.590	1.012	NO	n/a	140 lbs
960116†	19.75 X 7	1.780	1.012	NO	n/a	140 lbs
960086†	19.75 X 7	3.063	1.012	NO	n/a	140 lbs
960117†	19.75 X 8	1.590	1.012	NO	n/a	140 lbs
960112	19.75 X 8	1.780	1.012	NO	n/a	140 lbs
960119†	19.75 X 8	3.063	1.012	NO	n/a	140 lbs
960122†	19.75 X 10.5	1.590	1.012	NO	n/a	140 lbs
960113†	19.75 X 10.5	1.780	1.012	NO	n/a	140 lbs
960121†	19.75 X 10.5	3.063	1.012	NO	n/a	140 lbs
960123	19.75 X 12	1.590	1.012	NO	n/a	140 lbs
960120	19.75 X 12	1.780	1.012	NO	n/a	140 lbs
960106†	19.75 X 12	3.063	1.012	NO	n/a	140 lbs

\*Part number designates flange component only. Assembly number is assigned per order based on requested traverse length and other assembly factors.

\*\*Load capacity is an estimate only. Actual load capacity may vary based on type of product used on reels and environmental conditions.

†Extra lead time and setup may apply - call for availability.



## DEAD~BOLT Reels

- Shock absorbing flange designs
- Patented rapid assembly system; grade 5 bolts will not vibrate loose
- Enviromold® flanges made from recycled polypropylene
- Anti-rotation features prevent cores (drums) from spinning independently
- Multiple product tie-off holes
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping
- Custom core notching for automated winding equipment



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Lifting Handles	Mating Endstand(s) / Additional comments	Load Capacity**
960136	23.75 X 8	1.590	0.750	YES	n/a	225 lbs
960082	23.75 X 8	1.780	0.750	YES	n/a	225 lbs
960248	23.75 X 8	1.780	0.750	NO	n/a	225 lbs
960170	23.75 X 10.5	1.590	0.750	YES	n/a	225 lbs
960083	23.75 X 10.5	1.780	0.750	YES	n/a	225 lbs
960183	23.75 X 10.5	1.780	0.750	NO	n/a	225 lbs
960195	23.75 X 12	1.590	0.750	YES	n/a	225 lbs
960084	23.75 X 12	1.780	0.750	YES	n/a	225 lbs
960193	23.75 X 12	1.780	0.750	NO	n/a	225 lbs
960156	23.75 X 16.5	1.590	0.750	NO	n/a	225 lbs
960085	23.75 X 16.5	1.780	0.750	YES	n/a	225 lbs
960194	23.75 X 16.5	1.780	0.750	NO	n/a	225 lbs

\*Part number designates flange component only. Assembly number is assigned per order based on requested traverse length and other assembly factors.

\*\*Load capacity is an estimate only. Actual load capacity may vary based on type of product used on reels and environmental conditions.

## LABOR SAVER™ AUTOMATION READY REEL SYSTEM

- Ideal for product requiring boxed packaging
- For use with fully automated winding & packaging equipment
- Allows product to be de-spooled in a stationary position
- Ships from factory fully assembled with END~STANDS, locked and ready to load onto automated winders
- END~STANDS remain locked in position while the reel is loaded and unloaded by automated equipment
- Increases on-site efficiency by utilizing a single technician to de-spool product
- No extra assembly or handling post winding
- Custom traverse for perfect fit into box containers
- Simply pull loaded product through the box dispensing window to disengage the lock
- Robust axles keep the reel elevated inside the box for easy de-spooling of product
- Endstand - 12.5" with center axle to accept 1.77" diameter flange arbor
- Reel - 12 x 11 x 4 Stapled currently available
- NOTE: This is a Reel/Endstand combo assembly only available through Reel Options®
- Ask us about additional traverse lengths!



Fully assembled  
Labor~Saver™ Reel



Sample box only

## END~STANDS for Boxed Reel Packaging

- Ideal for product requiring boxed packaging
- Allows product to be de-spooled in a stationary position
- Available with or without the EZ~BRAKE™ System for adjustable payout tension
- Reduced product free-spooling and tangling due to backlash
- Robust axles keep the reel elevated inside the box for easy de-spooling of product
- Increases on-site efficiency by utilizing a single technician to de-spool product
- Custom designed to fit select sizes of STAPLED, DEAD~BOLT® and SPIN~WELD reels
- Enviromold® brand products made from 100% recycled polypropylene
- Integrated product tie-off tabs
- Integrated stacking tabs for both KD and assembled shipping



Sample box only



Part Number	Size	Fits Flange OD	Axle Diameter	EZ~BRAKE	Additional comments
960108	11.125	10.50	1.50	YES	
960118	11.125	10.50	1.50	NO	



Shown assembled with  
10.5 X 3.5 flange assembly



Part Number	Size	Fits Flange OD	Axle Diameter	EZ~BRAKE	Additional comments
960065	12.75	12.00	1.75	YES	
960080	12.75	12.00	1.75	NO	



Shown assembled with  
14 X 5 flange assembly



Part Number	Size	Fits Flange OD	Axle Diameter	EZ~BRAKE	Additional comments
960058	14.75	14.00	1.75	YES	
960055	14.75	14.00	1.75	NO	



Part Number	Size	Fits Flange OD	Axle Diameter	EZ~BRAKE	Additional comments
960299	12.625	11.75 - 12	1.53	NO	
960300	12.625	11.75 - 12	1.75	NO	
960301	12.625	11.75 - 12	2.00	NO	



Shown assembled with  
12 X 5 flange assembly

## Custom Products & Capabilities

- We provide custom designs to accommodate unique manufacturing equipment, custom processes and custom packaging
- Material, construction components, and assembly methods are based on specific customer requirements
- We utilize up to date 3D CAD software to develop precision engineered solutions
- Core (drum) cutouts and windows available, sized to customer specifications, for use in automated winding equipment
- Custom injection molded product design and manufacturing capabilities include:
  - Reels & Flanges
  - Core Plugs & Hubs
  - Payout tubes

**Thank you for your interest in our Reel Options® products.**

If you have any questions or would like to proceed with a quote, please contact one of our representatives.  
To place a quote online, please visit [www.reeloptions.com](http://www.reeloptions.com)

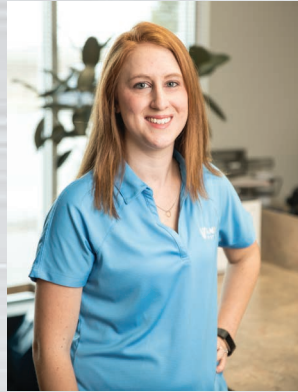




## Sales and Customer Service Team



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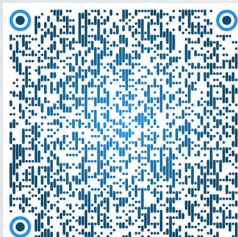
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