

Reel **Options[®]**

by Vandor Corporation

Introducing the next generation...

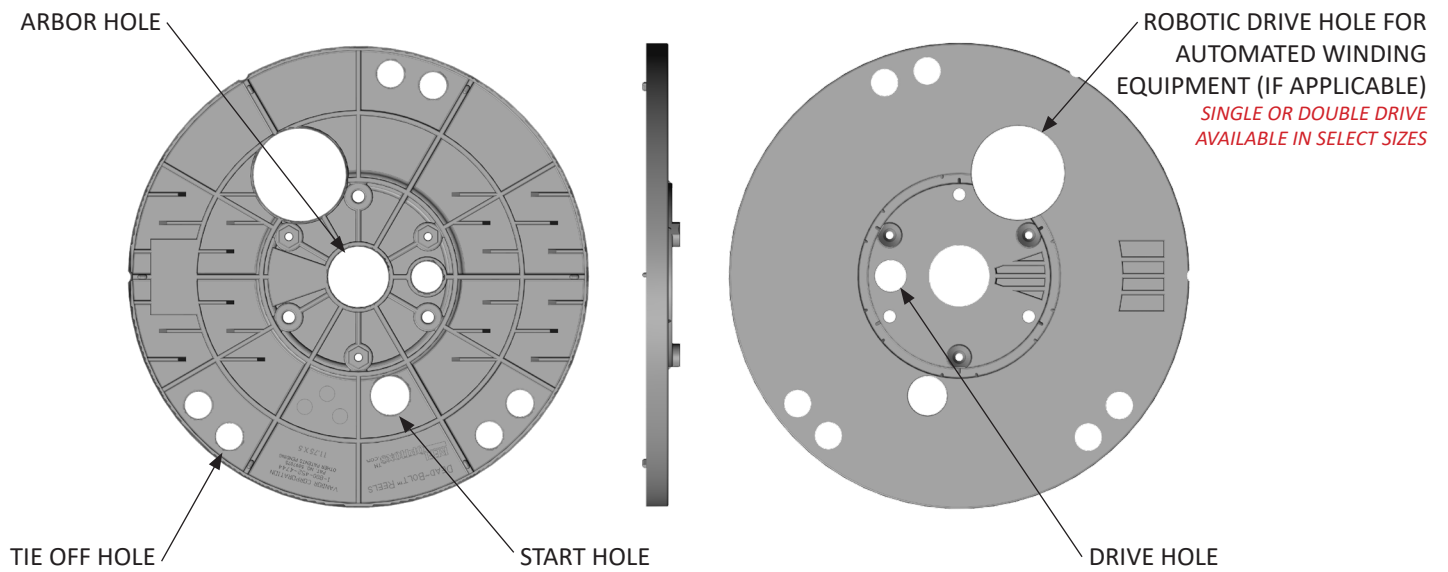
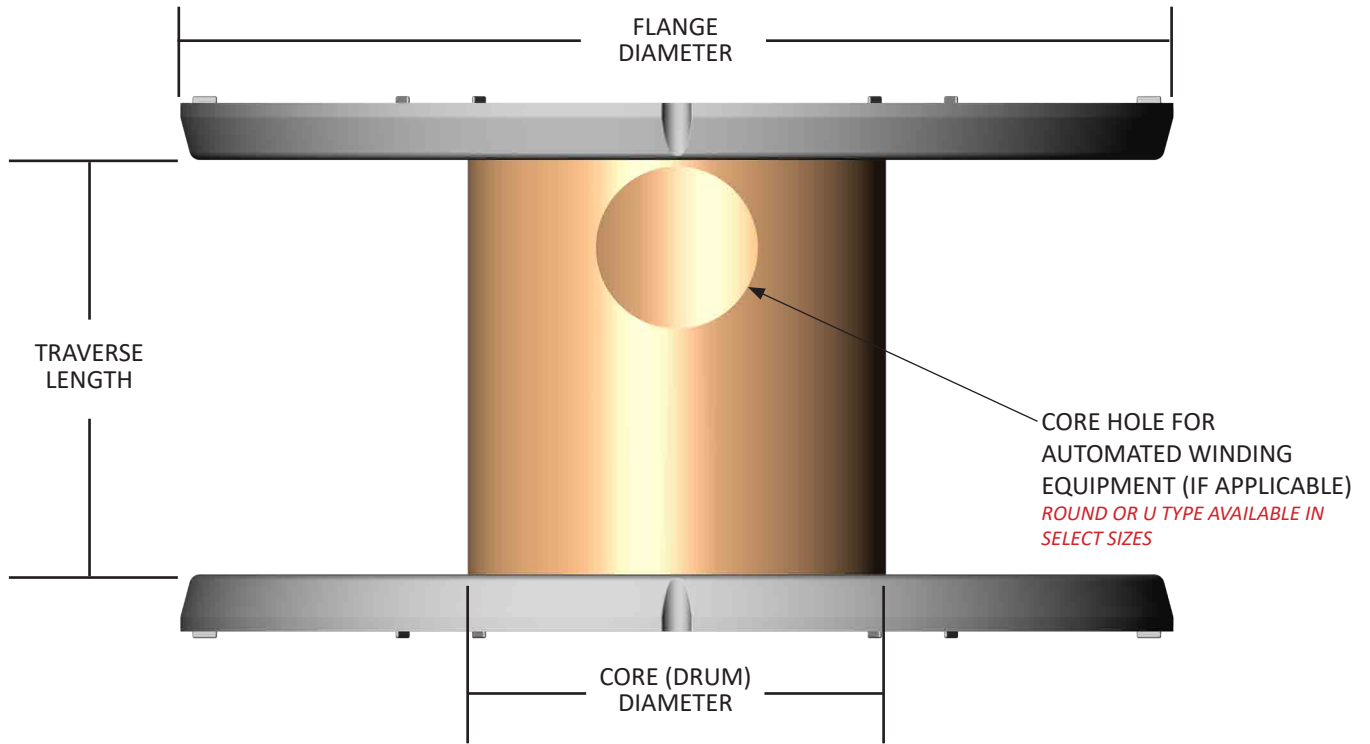
ICON[™]
by REEL OPTIONS[®]

NEW!
SEE PAGE 3



The Leader In Plywood Replacement Reels

FEATURE TERMINOLOGY SHEET



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Quality Policy:

Vandor places a high priority on Customer Service by meeting or exceeding Customer Requirements. Vandor is determined to further develop market position through commitments to Quality and Continuous Improvement.

Unique products and services:

- Single use reels primarily for wire and cable manufacturers
- **Recycling program** for all-plastic ICON™ and SPIN~WELD reels (**ASK FOR DETAILS!**)
- Plastic payout tubes for reel-less wire packaging
- 3~FLANGE reels in plastic and corrugated paper for fiber optic applications
- **Enviomold**[®] 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
- Spiral wound paper and thermoplastic extruded cores
- Custom core notching for automated winding equipment
- Mono-Material plastic assembly - fully recyclable
- Unassembled component shipments available
- Customized practical stocking plans
- Low minimum order quantity
- All Enviomold[®] products are made with recycled materials!
- Flexible tooling for multiple arbor sizes and winding equipment
- Able to accommodate a wide array of winding equipment
- Experienced design and engineering team
- Prime and custom resins on request
- Over 500,000 square feet of manufacturing and warehouse facilities nationwide!
- ISO 9001:2015 CERTIFIED

Primary Industries served:

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

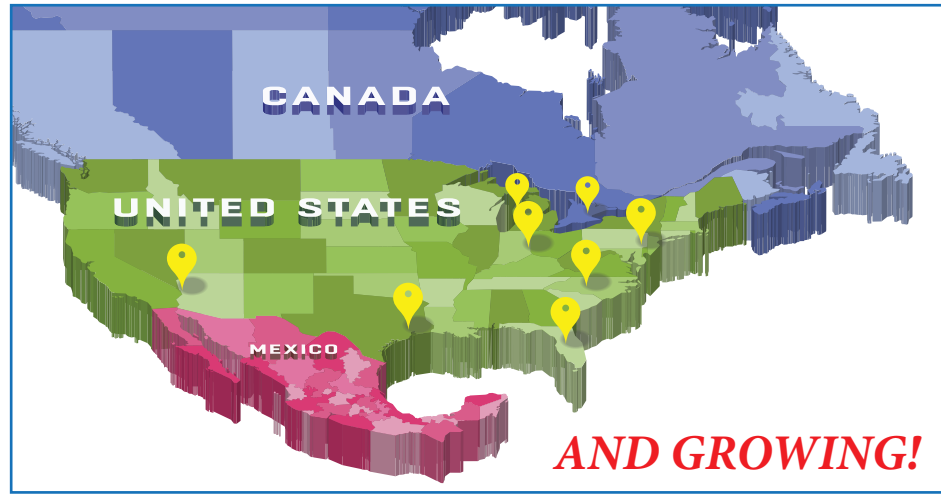


Manufacturing and Warehouse Facilities





With over 500,000 square feet of manufacturing and warehouse space, Vandor is strategically located in the heart of our customer base regions.

- USA
Richmond, IN
Statesville, NC
Shelby, MI
Bensalem, PA
Lakeland, FL
Houston, TX
Mohave Valley, AZ

- CANADA
Guelph, ON



STANDARD PRODUCT OVERVIEW

STYLE	 <p>SPIN~WELD REEL</p> <p>★ ★ ★ ★ ★ Lightweight and Easy to recycle</p>	 <p>STAPLED REEL</p> <p>★ ★ ★ ★ ★ Lightweight and Economical</p>	 <p>DEAD~BOLT[®] REEL</p> <p>★ ★ ★ ★ ★ Strong and Durable</p>	 <p>ICON[™] REEL</p> <p>★ ★ ★ ★ ★ Strong, Durable, Economical, Easy to recycle</p>
Size	6.5, 10.5	11-14	11.75-23.75	12*
Load Capacity**	25-35 lbs	50-60 lbs	75-225 lbs	70 lbs
Recyclable	YES	Requires Disassembly	Requires Disassembly	YES
Durability	Utility/Light	Light/Medium	Medium	Light/Medium
Flange Material	Plastic	Plastic	Plastic	Plastic
Core (Drum) Material	Plastic	Paper or Plastic	Paper or Plastic	Plastic
Core (Drum) Style	Extruded or Injection Molded	Spiral Wound Paper / Extruded or Flat Wrap Plastic	Spiral Wound Paper / Extruded or Flat Wrap Plastic	Extruded or Injection Molded
Auto-Winder Ready	Select sizes	Select sizes	Select sizes	YES
Custom Traverse	YES	YES	YES	YES
3~FLANGE Capable	NO	NO	YES	YES
REEL-IN-BOX Packaging Capable	YES	Select sizes	Select sizes	YES
Recycling Program	YES	NO	NO	YES

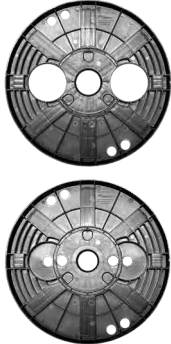
*ICON™ reel is patent pending. Additional sizes available soon!

**Load capacity is an estimate only. Actual load capacity varies depending on reel size and based on type of product used on reels and environmental conditions.

ICON™ Reels



- Patent pending design!
- Stronger than bolts or staples!
- Enviromold® brand reel
- Accommodate a variety of manual and automated winding machines
- Allows for best waste management and recycling (*Ask about our recycling program!*)



Flange Number*	Size: OD X Core Dia	Arbor Hole Dia	Drive Hole/ Slot	Robotic Drive	Mating Endstand(s) / Additional comments	Load Capacity**
960337	12 X 5	1.435	0.75	NO	n/a	70 lbs
960338	12 X 5	1.435	N/A	YES 2X	n/a	70 lbs
960339	12 X 5	1.560	0.75	NO	960288, 960290, 960299	70 lbs
960340	12 X 5	1.560	N/A	YES 2X	960288, 960290, 960299	70 lbs
960341	12 X 5	1.780	0.75	NO	960289, 960291, 960300	70 lbs
960342	12 X 5	1.780	N/A	YES 2X	960289, 960291, 960300	70 lbs
960343	12 X 5	2.060	0.75	NO	960301	70 lbs
960344	12 X 5	2.060	N/A	YES 2X	960301	70 lbs

Additional sizes coming soon!

*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.

SPIN~WELD Utility Spools and Reels



- Lightweight, Strong and Economical
- Enviromold® brand reel
- Allows for best waste management and recycling (*Ask about our recycling program!*)
- Customer specified traverse length
- Accommodate a variety of manual and automated winding machines



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

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

STAPLED Reels



- Low cost alternative to plywood
- Enviromold® brand flanges
- Assembled with plastic or spiral wound paper cores (drums)
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping



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	960289, 960291, 960300	55 lbs
960095	12 X 5	1.800	0.750	YES	960289, 960291, 960300	55 lbs
960073	12 X 5	1.770	0.750	YES	960289, 960291, 960300	55 lbs
960107	12 X 5	1.770	0.750	YES	960289, 960291, 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	960289, 960291, 960300	70 lbs
960151	12 X 6	1.770	0.750	YES	960289, 960291, 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	960055, 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	960055, 960058, 960097	60 lbs
960184	14 X 8	1.780	0.750	NO	960055, 960058, 960097	60 lbs

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DEAD~BOLT® Reels



- Enviromold® brand flanges
- Anti-rotation features prevent cores (drums) from spinning independently
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping



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	960289, 960291, 960300	55 lbs
960160	12 X 5	1.590	0.750	YES	960299	85 lbs
960105	12 X 5	1.760	0.750	YES	960289, 960291, 960300	85 lbs
960101	12 X 6.33	1.760	0.750	YES	960289, 960291, 960300	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	n/a	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



- Enviromold® brand flanges
- Anti-rotation features prevent cores (drums) from spinning independently
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping



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
960280	11.75 X 5	2.060	0.800	YES 2X	960301	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	n/a	120 lbs
960035	16 X 8	1.780	0.840	NO	<i>Now available with plastic core/drum!</i>	225 lbs
960188	18 X 5	1.780	0.840	NO	n/a	225 lbs
960186	18 X 8	1.780	0.840	NO	<i>Now available with plastic core/drum!</i>	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	<i>Now available with plastic core/drum!</i>	140 lbs
960112	19.75 X 8	1.780	1.012	NO	<i>Now available with plastic core/drum!</i>	140 lbs
960119†	19.75 X 8	3.063	1.012	NO	<i>Now available with plastic core/drum!</i>	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



- Enviromold® brand flanges
- Anti-rotation features prevent cores (drums) from spinning independently
- Assemble with plastic or spiral wound paper cores
- Customer specified traverse length
- Integrated stacking tabs for both KD and assembled shipping



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	<i>Now available with plastic core/drum!</i>	225 lbs
960082	23.75 X 8	1.780	0.750	YES	<i>Now available with plastic core/drum!</i>	225 lbs
960248	23.75 X 8	1.780	0.750	NO	<i>Now available with plastic core/drum!</i>	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.

KD (knock down) Reel or Component Shipping



- Save on inventory space by assembling reels as needed
- Maximizes transport space in over the road trailers and sea shipping containers!
- Allows customers to utilize local core supplier!
- Order KD Reels as sets or separate components as needed



Example of mixed component order



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



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



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

END~STANDS for Boxed Reel Packaging



- Ideal for product requiring boxed packaging
- Allows product to be de-spoiled 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
- Custom designed to fit select sizes of STAPLED, DEAD~BOLT® and SPIN~WELD reels



Example 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
960290	12.75	12.00	1.50	YES	
960288	12.75	12.00	1.50	NO	
960291	12.75	12.00	1.75	YES	
960289	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	
960097	14.75	14.00	1.75	YES	



Shown assembled with 12 X 5 flange assembly



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	

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

3~FLANGE Reels



- Ideal for fiber optic applications
- DEAD~BOLT® or ICON™ Assembly available
- Available with spiral wound paper cores (drums) or extruded plastic cores (drums)
- Customer specified traverse length
- Center flange with molded-in transition notch 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



Dispensing Tubes for Reel-less Packaging

- 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



- Ideal for product requiring boxed packaging
- For use with fully automated winding & packaging equipment
- Fully assembled with END~STANDS, ready to load into automated winders
- END~STANDS remain locked in position while the reel is loaded and unloaded



Reel With Flat Wrap Core



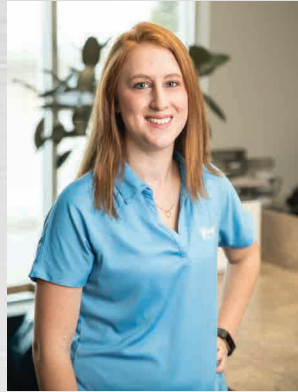
- Patent pending design!
- Ships flat - Forms into strong core
- Saves space in shipping and inventory storage
- Custom traverse length available
- Use with 2-Flange and 3-Flange Reels



Sales and Customer Service Team



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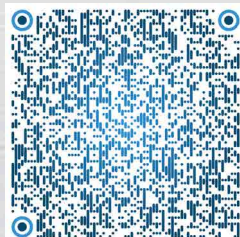
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