

ROOTOSURE

Quality Engineered Plastic Products

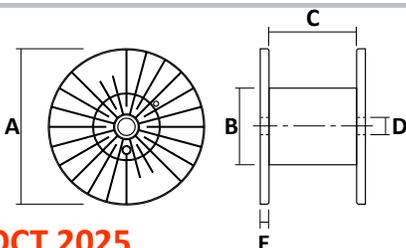


Spools - Reels - Cable Drums

OCT - 2025

Reels - Spools & Cable Drums

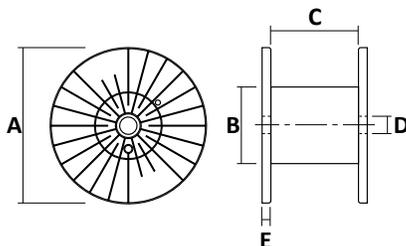
	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume	
1" Core Light	2.0" 50mm	4.9" 125mm	1.2" 30mm	1.2" 30mm	2.0-7.9" 50-200mm	2.0-7.9" 50-200mm	0.5-0.8" 12.5-20mm	0.5-0.8" 12.5-20mm	0.09" 2.4mm	0.14" 3.6mm	4 -15in ³	0.1 -0.3L
											ABS	Strength Light
2" Core Fixed	4.0" 102mm	4.0" 102mm	2.3" 58mm	2.3" 58mm	1.4" 35mm	2.9" 74mm	2.0" 52mm	2.0" 52mm	0.08" 2.0mm	0.08" 2.0mm	12in ³	0.2L
												
											REC	Strength Feather
2" Core Feather	4.0" 102mm	4.9" 125mm	2.3" 58mm	2.3" 58mm	2.0-7.9" 50-200mm	2.0-7.9" 50-200mm	0.8-2.0" 20-52mm	0.8-2.0" 20-52mm	0.08" 2.0mm	0.1" 2.5mm	17 -67in ³	0.3 -1.1L
											29 -118in ³	0.5 -1.9L
											39 -156in ³	0.6 -2.6L
											53 -213in ³	0.9 -3.5L
											ABS	Strength Feather
2" Core Light	4.1" 105mm	5.5" 140mm	2.3" 58mm	2.3" 58mm	2.0-7.9" 50-200mm	2.0-7.9" 50-200mm	0.8-2.0" 20-52mm	0.8-2.0" 20-52mm	0.22" 5.5mm	0.24" 6.1mm	18 -73in ³	0.3 -1.2L
											39 -156in ³	0.6 -2.6L
											53 -213in ³	0.9 -3.5L
											88 -351in ³	1.4 -5.8L
											ABS	Strength Light
2" Core Medium	4.1" 105mm	5.5" 140mm	2.3" 58mm	2.3" 58mm	2.0-7.9" 50-200mm	2.0-7.9" 50-200mm	0.8-2.0" 20-52mm	0.8-2.0" 20-52mm	0.22" 5.5mm	0.24" 6.1mm	18 -73in ³	0.3 -1.2L
											39 -156in ³	0.6 -2.6L
											53 -213in ³	0.9 -3.5L
											ABS	Strength Medium
2" Core 3D Print	7.9" 200mm		2.3" 58mm		2.0-7.9" 50-200mm		2.1" 53mm		0.22" 5.5mm		88 -351in ³	1.4 -5.8L
												
											ABS	Strength Light
C24	6.1" 156mm		3.0" 76mm		2.8" 70mm		0.7" 17mm		0.43" 11mm		62in ³	1.0L
												
											ABS	Strength Process
K125	4.9" 125mm		3.1" 80mm		3.9" 100mm		0.6" 16mm		0.51" 13mm		44in ³	0.7L
												
											ABS	Strength Process



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Reels - Spools & Cable Drums

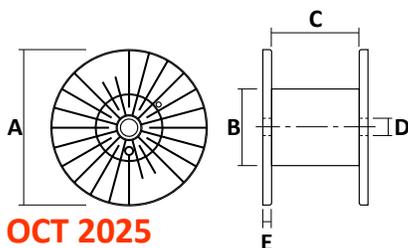
	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume	
3" Core Flange	11.8"	300mm	3.4"	86mm			1.8"	45mm	0.55"	14mm		
	13.2"	336mm	3.4"	86mm			1.8"	45mm	0.79"	20mm		
*Flange Only Reel Options Replica												
3" Core Feather	7.9"	200mm	3.3"	85mm	2.0-9.7"	50-246mm	0.8-3.1"	20-80mm	0.28"	7mm	79 -386in ³	1.3 - 6.3L
	9.8"	250mm	3.3"	85mm	2.0-9.7"	50-246mm	0.8-3.1"	20-80mm	0.28"	7mm	132 -652in ³	2.2 -10.7L
	10.6"	270mm	3.3"	85mm	2.0-9.7"	50-246mm	0.8-3.1"	20-80mm	0.28"	7mm	157 -774in ³	2.6 -12.7L
	11.2"	285mm	3.3"	85mm	2.0-9.7"	50-246mm	0.8-3.1"	20-80mm	0.35"	9mm	177 -872in ³	2.9 -14.3L
	11.8"	300mm	3.3"	85mm	2.0-9.7"	50-246mm	0.8-3.1"	20-80mm	0.39"	10mm	198 -976in ³	3.3 -16.0L
												
BP60	9.9"	252mm	4.0"	101mm	6.0"	152mm	1.3"	33mm	0.64"	16.3mm	388in ³	6.4L
												
DIN - BP60 Hydraulic Hose Wire Reel												
4" Core Collapsible	11.8"	300mm	4.1"	105mm	2-7.9"	50-200mm	0.9"or1.1"	23or29	0.39"	10mm	189 -757in ³	3.1 -12.4L
												
Collapsible												
4" Core Feather	7.9"	200mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.25"	6.3mm	69 -278in ³	1.1 -4.6L
	9.8"	250mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.28"	7.0mm	123 -493in ³	2.0 -8.1L
	10.6"	270mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.30"	7.6mm	148 -593in ³	2.4 -9.7L
	11.2"	285mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.36"	9.2mm	168 -673in ³	2.8 -11L
	11.8"	300mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.39"	10.0mm	189 -757in ³	3.1 -12.4L
												
4" Core Light	7.9"	200mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.29"	7.3mm	69 -278in ³	1.1 -4.6L
	9.8"	250mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.29"	7.3mm	123 -493in ³	2.0 -8.1L
	11.8"	300mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.33"	8.3mm	189 -757in ³	3.1 -12.4L
												



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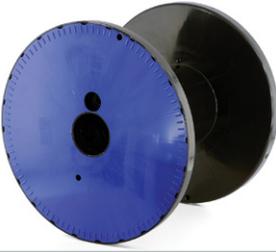
Reels - Spools & Cable Drums

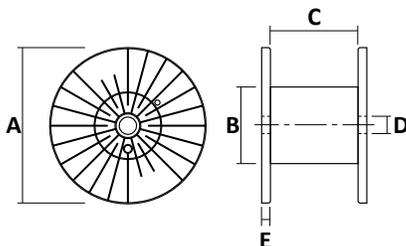
	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume	
4" Core Medium 	7.9"	200mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.28"	7mm	69 -278in ³	1.1 -4.6L
	9.8"	250mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.33"	8.3mm	123 -493in ³	2.0 -8.1L
	11.8"	300mm	4.1"	105mm	2.0-7.9"	50-200mm	0.8-3.9"	20-100mm	0.28"	7mm	189 -757in ³	3.1 -12.4L
	 											
4" Core Process 	6.1"	155mm	4.1"	105mm	2.0-7.9"	50-200mm	0.79"	20mm	0.63"	16mm	31 -125in ³	0.5 -2.0L
	7.9"	200mm	4.1"	105mm	2.0-7.9"	50-200mm	1.00"	25mm	0.79"	20mm	69 -278in ³	1.1 -4.6L
	11.8"	300mm	4.1"	105mm	2.0-7.9"	50-200mm	1.00"	25mm	0.94"	24mm	189 -757in ³	3.1 -12.4L
	 											
K200 	7.9"	200mm	4.9"	125mm	6.3"	160mm	0.9"	22mm	0.83"	21mm	187in ³	3.1L
	DIN - K200 or T15 Bare Copper Wire Reel											
	 											
6" Core Medium 	11.8"	300mm	6.3"	160mm	2.0-15.7"	50-400mm	0.8-6"	20-152mm	0.47"	12mm	154 -1235in ³	2.5 -20.2L
	13.8"	350mm	6.3"	160mm	2.0-15.7"	50-400mm	0.8-6"	20-152mm	0.43"	11mm	232 -1858in ³	3.8 -30.4L
	14.6"	370mm	6.3"	160mm	2.0-15.7"	50-400mm	0.8-6"	20-152mm	0.43"	11mm	267 -2134in ³	4.4 -35.0L
	15.7"	400mm	6.3"	160mm	2.0-15.7"	50-400mm	0.8-6"	20-152mm	0.47"	12mm	322 -2577in ³	5.3 -42.2L
	17.7"	450mm	6.3"	160mm	2.0-12.6"	50-320mm	1.61"	41mm	0.59"	15mm	424 -2713in ³	6.9 -44.5L
	 											
6" Core Heavy 	11.8"	300mm	6.3"	160mm	2.0-15.7"	50-400mm	0.8-6"	20-152mm	0.75"	19mm	154 -1235in ³	2.5 -20.2L
	15.7"	400mm	6.3"	160mm	2.0-15.7"	50-400mm	3.0"	75mm	0.94"	24mm	322 -2577in ³	5.3 -42.2L
	DIN - SAL Bare Copper Wire Reel											
	 											



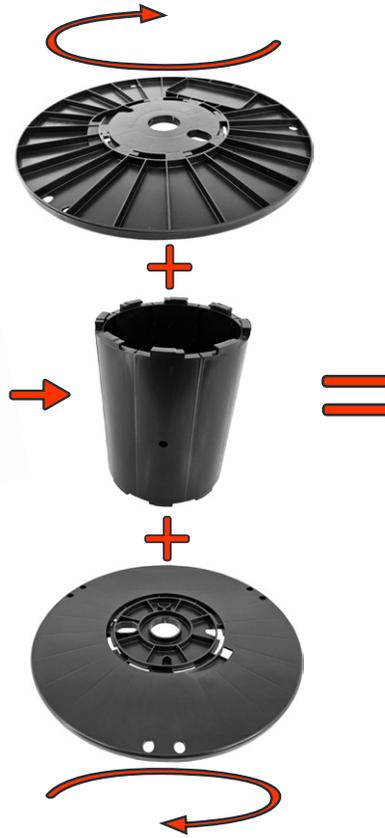
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Reels - Spools & Cable Drums

	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume	
F400	15.7"	400mm	6.3"	160mm	11.4"	289mm	3.0"	75mm	0.94"	24mm	1862in ³	30.5L
	<p>DIN - F400 Explosive Tube Reel</p> <p> </p>											
T40	11.8"	300mm	7.1"	180mm	7.9"	200mm	1.3"	33mm	0.49"	12.5mm	552in ³	9.0L
	11.8"	300mm	7.1"	180mm	7.9"	200mm	4.9"	125mm	0.49"	12.5mm	552in ³	9.0L
<p>DIN - T40 Bare Copper Wire Reel</p> <p> </p>												
8" Core Process	15.7"	400mm	7.9"	200mm	5.9-19.7"	150-500mm	1.5"	39mm	0.47"	12mm	863 -2876in ³	14-47.1L
	<p> </p>											
F420	16.5"	420mm	9.4"	240mm	12.8"	325mm	3.0"	75mm	0.94"	24mm	1850in ³	30.3L
	<p>DIN - F420 Explosive Tube Reel</p> <p> </p>											
22" Flange	21.7"	550mm	12.4"	315mm	3.9-39.4"	100-1000mm	2.2"	56mm	1.22"	31mm	974 -9743in ³	16-159.7L
	<p> </p>											



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- Cost Saving
- 5x Space Saving
- Easier Handling
- Less Handling Damage

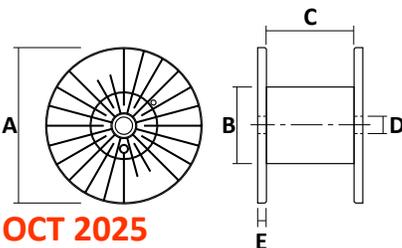
	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume
3" Core FlatPack 	11.8"	300mm	3.4"	86mm	9.0"	228mm	1.8"	45mm	0.55"	14mm	903in ³ 14.8L
	11.8"	300mm	3.4"	86mm	10.2"	260mm	1.8"	45mm	0.55"	14mm	1029in ³ 16.9L
	11.8"	300mm	3.4"	86mm	16.1"	408mm	1.8"	45mm	0.55"	14mm	1615in ³ 26.5L
	13.2"	336mm	3.4"	86mm	9.0"	228mm	1.8"	45mm	0.79"	20mm	1153in ³ 18.9L
	13.2"	336mm	3.4"	86mm	10.2"	260mm	1.8"	45mm	0.79"	20mm	1315in ³ 21.5L
	13.2"	336mm	3.4"	86mm	16.1"	408mm	1.8"	45mm	0.79"	20mm	2063in ³ 33.8L

Flat Pack



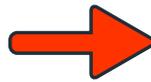
6" Core FlatPack 	13.8"	350mm	6.3"	160mm	7.9"	200mm	1.6"	41mm	0.51"	13mm	929in ³ 15.2L
	13.8"	350mm	6.3"	160mm	7.9"	200mm	2.8"	70mm	0.51"	13mm	929in ³ 15.2L
	15.7"	400mm	6.3"	160mm	7.9"	200mm	1.6"	41mm	0.59"	15mm	1288in ³ 21.1L
	17.7"	450mm	6.3"	160mm	7.9"	200mm	1.6"	41mm	0.67"	17mm	1696in ³ 27.8L

Flat Pack



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We Turn Plastic Waste



Into



Sustainable Reel & Spool Solutions

At Rotosure, we can offer our Reels from 100% recycled materials, providing a high-quality alternative to traditional cable reels made from wood, plywood, or other conventional resources. By choosing Rotosure reels, you're not only getting outstanding performance and durability, you're also making a smart environmental choice. Our solutions help cut carbon emissions by up to 88% compared to virgin materials, all without compromising strength or reliability.



Mechanical Properties of Raw Material

Tensile Strength

18Mpa

Elongation @ Yield

4%

Strain @ Break

12MPa

Elongation @ Break

12%



UV STABILIZED

The Large Cable Drum Ranges Listed on this page, are primarily made from Recycled Polypropylene with a High Carbon Black Pigment.

It has been found that High Carbon Black Pigment acts as a UV Stabilizer, increasing the life span of polymers exposed to UV rays, improving any mechanical deterioration for up to 5 years.

Large Plastic Reels

	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume	
23" Flange	22.8"	580mm	8.9"	225mm	7.7"	196mm	2.2"	56mm	1.38"	35mm	2685in ³	44.0L
	22.8"	580mm	8.9"	225mm	11.9"	302mm	2.2"	56mm	1.38"	35mm	4136in ³	67.8L
	22.8"	580mm	8.9"	225mm	24.4"	620mm	2.2"	56mm	1.38"	35mm	8492in ³	139.2L



*Note! Traverse (C) can be any size Between
4" - 24.4" / 100 - 620mm



24" Flange	23.6"	600mm	11.8"	300mm	8.1"	206mm	3.3"	84mm	1.57"	40mm	2666in ³	43.7L
	23.6"	600mm	11.8"	300mm	13.0"	330mm	3.3"	84mm	1.57"	40mm	4270in ³	70.0L
	23.6"	600mm	11.8"	300mm	27.7"	704mm	3.3"	84mm	1.57"	40mm	9110in ³	149.3L



*Note! Traverse (C) can be any size Between
4" - 27.7" / 100 - 704mm

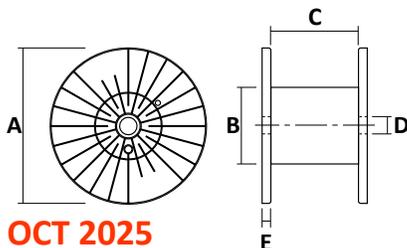


28" Flange	27.6"	700mm	11.8"	300mm	8.1"	206mm	3.3"	84mm	1.97"	50mm	3949in ³	64.7L
	27.6"	700mm	11.8"	300mm	13.0"	330mm	3.3"	84mm	1.97"	50mm	6326in ³	103.7L
	27.6"	700mm	11.8"	300mm	27.7"	704mm	3.3"	84mm	1.97"	50mm	13496in ³	221.2L



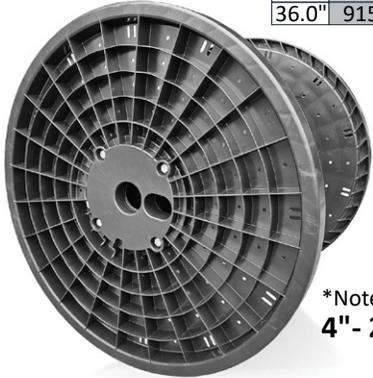
*Note! Traverse (C) can be any size Between
4" - 27.7" / 100 - 704mm

*Private Label Stickers Can be supplied on Request



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Large Plastic Reels

	A Flange Diameter		B Core Diameter		C Inside Traverse Min - Max		D Bore Min - Max		E Flange Thickness		Volume
36" Flange 	36.0"	915mm	11.8"	300mm	8.1"	206mm	3.1"	79mm	1.97"	50mm	7377in ³ 120.9L
	36.0"	915mm	11.8"	300mm	13.0"	330mm	3.1"	79mm	1.97"	50mm	11818in ³ 193.7L
	36.0"	915mm	11.8"	300mm	27.7"	704mm	3.1"	79mm	1.97"	50mm	25212in ³ 413.2L
<p>*Note! Traverse (C) can be any size Between 4" - 27.7" / 100 - 704mm</p> <p> </p>											
35" Flange 	35.4"	900mm	19.7"	500mm	10.6"	268mm	3.3"	84mm	1.97"	50mm	7193in ³ 117.9L
	35.4"	900mm	19.7"	500mm	16.5"	418mm	3.3"	84mm	1.97"	50mm	11219in ³ 183.8L
	35.4"	900mm	19.7"	500mm	34.3"	870mm	3.3"	84mm	1.97"	50mm	23350in ³ 382.6L
<p>*Note! Traverse (C) can be any size Between 4" - 34.3" / 100 - 870mm</p> <p> </p>											

Assembly Accessories

 <p>Assembly Stand 81</p>	 <p>Impact Wrench 82</p>	 <p>Tool & Component Trolley 83</p>
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*When Tightening Reels with Tubular or Solid Tie Rods, they must be Torqued to **30nm-35nm** for optimal application strength.

Lagging Example

<p>Recommended Lagging F type Brad Nails</p>		
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Large Reel Assembly Example

Core Segment Length			
Core OD		Add to Traverse	
8.9"	225mm	0.47"	12mm
11.8"	300mm	1.57"	40mm
19.7"	500mm	1.18"	30mm

The correct core length will be the total of the traverse length + the value from the table listed above.

Example: Spool: 23.6" x 11.8" x 13" x 3.3"
Traverse 13" + Table Value 1.57"
= 14.57" Total Length

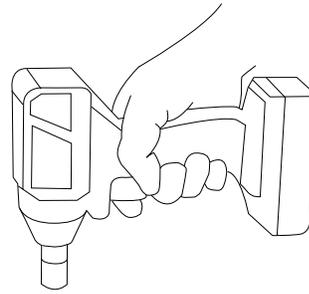
Example: Spool: 600 x 300 x 330 x 84
Traverse 330mm + Table Value 40mm
= 370mm Total Length

Torque

22-26ft-lbs	30-35nm
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In order to obtain the optimal application strength of a spool, it is recommended to torque the bolts according to the values listed above.

- Under-torquing may lead to tie rod shearing and bolt loosening.
- Over-torquing may lead to twisting or damage of the tie rod.

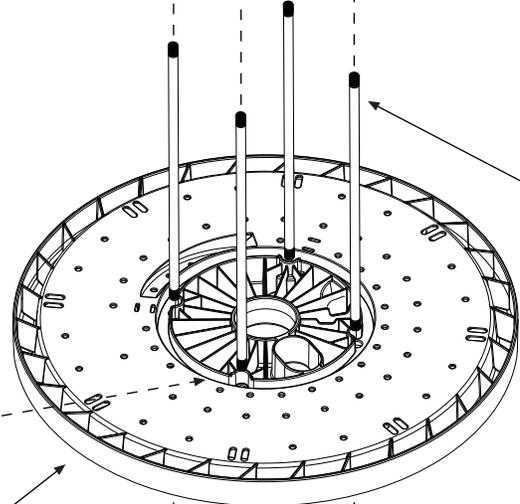
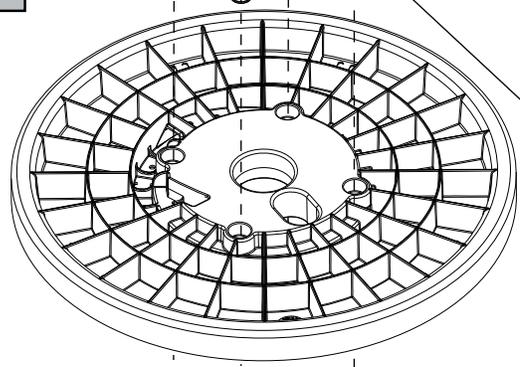
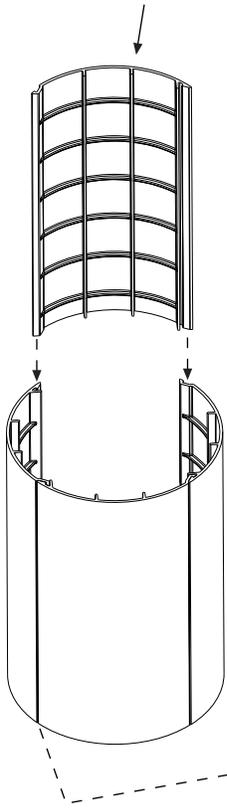


Bolt

M12x0.8"	M12x20mm
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Plastic Washer

1.14" x 0.5" x 0.12"
29mm x 13mm x 3mm



Tube Tie Rod Length			
Core OD		Add to Traverse	
8.9"	225mm	2.25"	57mm
11.8"	300mm	2.44"	62mm
19.7"	500mm	3.43"	87mm

The correct core length will be the total of the traverse length + the value from the table listed above.

Example: Spool: 23.6" x 11.8" x 13" x 3.3"
Traverse 13" + Table Value 2.44"
= 15.44" Total Length

Example: Spool: 600 x 300 x 330 x 84
Traverse 330mm + Table Value 62mm
= 392mm Total Length

Flange

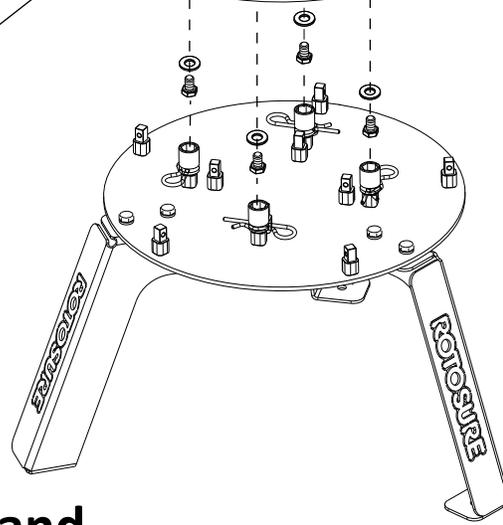
Solid Tie Rod Length			
Core OD		Add to Traverse	
8.9"	225mm	3.03"	77mm
11.8"	300mm	3.23"	82mm
19.7"	500mm	4.21"	107mm

The correct core length will be the total of the traverse length + the value from the table listed above.

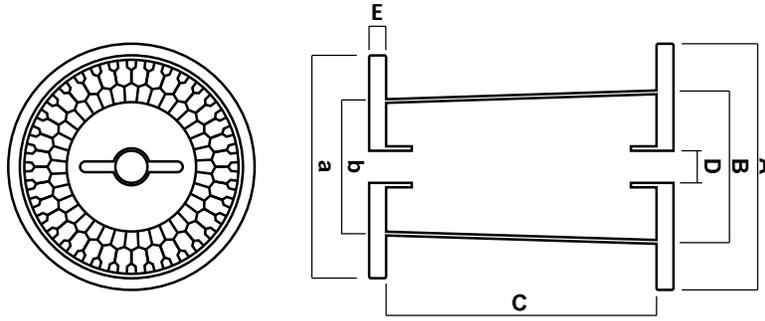
Example: Spool: 23.6" x 11.8" x 13" x 3.3"
Traverse 13" + Table Value 3.23"
= 16.23" Total Length

Example: Spool: 600 x 300 x 330 x 84
Traverse 330mm + Table Value 82mm
= 412mm Total Length

Assembly Stand



Taper Back Spools



Taper Back



DIN	a Flange Diameter	A Flange Diameter	b Core Diameter	B Core Diameter	C Traverse	D Bore Diameter	E Flange Thickness
T15	9.3" / 235mm	9.9" / 252mm	5.9" / 150mm	6.1" / 155mm	6.2" / 158mm	1.4" / 35mm	0.75" / 19mm
V60	9.3" / 235mm	9.9" / 252mm	6.1" / 155mm	6.7" / 170mm	9.0" / 228mm	1.4" / 35mm	0.75" / 19mm
T35	9.9" / 252mm	10.9" / 276mm	6.1" / 155mm	6.7" / 170mm	9.0" / 228mm	1.4" / 35mm	0.75" / 19mm
T45	9.9" / 252mm	10.9" / 276mm	6.1" / 155mm	6.7" / 170mm	11.9" / 303mm	1.4" / 35mm	0.75" / 19mm
V90	11.8" / 300mm	12.6" / 320mm	7.1" / 180mm	7.9" / 200mm	16.7" / 425mm	3.9" / 100mm	0.75" / 19mm



Accessories



	ODA	ODB	ID	Height
Timber Cable Drum Tie Rod Washer	2.0" / 50mm	1.3" / 33mm	0.5" / 12mm	0.4" / 10mm



Reelix Nozzles

- 100mm Nozzle
- 115mm Nozzle
- Shear Guide



Spool Box Support

	Length	Height	Width	Bore D
L15 Box Support	14.6"	14.6"	2" - 19.7"	1.6"



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