

Reel Tough® Process Reels



- Designed to replace steel reels at one-third the cost and weight
- Allows 12 percent more wire to be shipped
- Available with several traverses
- Reusable and recyclable
- Shipped worldwide

Applications: Drawing, Bunching, Stranding, Bare Wire, Magnet Wire

Patented Sonoco Reel Tough® design greatly increases the life of process reels:

- Whale tail flange
- Radius of flange
- Taper junction
- Innovative patented flange design allows flex without breakage increasing reuses and strength
- Stronger flange design allows for thinner walls reducing costs



3-Piece Process Reels with steel barrel available



Advantages of Plastic vs. Steel

- Higher performance
- Better balance
- No bent flanges
- Higher winding speeds
- Lower cost
- Lighter weight
- Easier/safer to handle
- Reduced shipping costs
- Reduced machine wear
- Recyclable

Dimensions (flange x traverse x barrel)	Dimensions in mm
RT 22" x 11" x 14"	558.8 x 279.4 x 355.6
RT 22" x 13" x 14"	558.8 x 330.2 x 355.6
RT 22" x 15" x 14"	558.8 x 381 x 355.6
24" x 11" x 14.15"	609.6 x 279.4 x 359.41
24" x 6" x 14"	609.6 x 152.4 x 355.6
24.8" x 15.45" x 13.98"	629.92 x 392.43 x 355.09
30" x 11" x 16"	762 x 279.4 x 406.4
30" x 12-1/2" x 16"	762 x 317.5 x 406.4
30" x 14" x 16"	762 x 355.6 x 406.4

Magnet Wire Reels



- High speed winding
- Available in ABS or High-Impact Styrene in a range of colors
- Barrel surface designed to grip wire

Applications: Magnet Wire

DIN spools and large process reels are also used for magnet wire

Description	Dimensions (flange x traverse)	Dimensions in mm
50# Taper Reel ABSR	8-1/2" / 9-1/4" x 9"	215.9 / 234.95 x 228.6
100# Taper Reel ABSR	10" / 11" x 12"	254 / 279.4 x 304.8
RT 250# Taper Reel	15"/16" x 12"	381 / 406.4 x 304.8
RT 550# Taper Reel	15"/16" x 24"	381 / 406.4 x 609.6
1000# Taper Reel	16-1/2"/19-1/2" x 30"	419.1 / 495.3 x 762

Fiber Optic Spools



- High speed winding
- Molded in ABS or HIPS in a range of colors
- Patented "lock bolt" design available for easy foam replacement
- Optional foamed barrel surface to minimize stress on fibers

Applications: Fiber Optics

Description	Dimensions (flange x traverse x barrel)	Dimensions in mm
8" x 4" x 6" ABS Natural	8" x 4" x 6"	203.2 x 101.6 x 152.4
8" x 4" x 6" with Foamed Barrel	8" x 4" x 6"	203.2 x 101.6 x 152.4
50 KM US Spool 5MM Foam	10.4" x 5.9" x 7.1"	264.16 x 149.86 x 180.34

Standard Wire Spools

- Broad range of sizes for specific wire and filament needs
- Designed for high speed winding with high tensile and impact qualities
- Available in various materials

Applications: Bare Wire, Insulated Wire, Medical

Description	Dimensions (flange x traverse x barrel)	Dimensions in mm
WS 3" x 3-1/2" x 1-3/4"	3" x 3-1/2" x 1-3/4"	76.2 x 88.9 x 44.45
WS 4-7/8" x 3-1/2" x 3"	4-7/8" x 3-1/2" x 3"	123.82 x 88.9 x 76.2
WS 5-1/4" x 2-3/4" x 3-1/2"	5-1/4" x 2-3/4" x 3-1/2"	133.35 x 69.85 x 88.9
WS 6" x 3-1/2" x 3-1/2" (.256 FL)	6" x 3-1/2" x 3-1/2"	152.4 x 88.9 x 88.9
WS 6" x 6" x 3-1/2"	6" x 6" x 3-1/2"	152.4 x 152.4 x 88.9
WS 8" x 6" x 4-5/8" 2-Piece	8" x 6" x 4-5/8"	203.2 x 152.4 x 117.47
WS 8" x 6" x 4-5/8" 1-Piece Drawing	8" x 6" x 4-5/8"	203.2 x 152.4 x 117.47
WS 11-3/4" x 7" x 6-9/16" (.625 FL)	11-3/4" x 7" x 6-9/16"	298.45 x 177.8 x 166.69
WS GE 12" x 6" x 6"	12" x 6" x 6"	304.8 x 152.4 x 152.4
WS GTE 12" x 6" x 6-1/2" (3)	12" x 6" x 6-1/2"	304.8 x 152.4 x 165.1



Fine Wire Spools

- High tensile strength
- Flange rigidity to prevent deflection
- High accuracy for finer wire



Applications: Copper Wire, Steel, Aluminum Wire, Magnet Wire, Special Alloys, Monofilament, Fine Wire, Medical Wire

Description	Dimensions (flange x traverse x barrel)	Dimensions in mm
WF 4-1/2" x 3" x 2-1/2"	4-1/2" x 3" x 2-1/2"	114.3 x 76.2 x 63.5
5-1/2" x 2.72" x 3-1/2" FW 1 Piece	5-1/2" x 2.72" x 3-1/2"	139.7 x 69.09 x 88.9
6" x 3-1/2" x 3-1/2" FW (.408 FLG)	6" x 3-1/2" x 3-1/2"	152.4 x 88.9 x 88.9
WF 6 X 3-1/2 1-piece	6" x 3-1/2" x 3-1/2"	152.4 x 88.9 x 88.9
6" x 4" x 4" FW	6" x 4" x 4"	152.4 x 101.6 x 101.6
6" x 6" x 3-3/4" FW	6" x 6" x 3-3/4"	152.4 x 152.4 x 95.25
6-1/2" x 3-1/2" x 3-1/2" FW	6-1/2" x 3-1/2" x 3-1/2"	165.1 x 88.9 x 88.9
2-1/4" x 1" x 1.760" Ultra Fine Wire	2-1/4" x 1" x 1.760"	57.15 x 25.4 x 44.704
2-1/2" x 3" x 1.760" Ultra Fine Wire	2-1/2" x 3" x 1.760"	63.5 x 76.2 x 44.704
3" x 3" x 1.50" Specialty Wire	3" x 3" x 1.50"	76.2 x 76.2 x 38.1

DIN Spools and Reels

Applications: Monofilament, Medical Wire, Bare Wire, Insulated Wire, Magnet Wire

Description	Dimensions (flange x traverse x barrel)	Dimensions in mm
DIN 80 ABS Natural	3.15" x 2.52" x 1.97"	80 x 64 x 50
DIN 100 ABS Natural	3.94" x 3.15" x 2.48"	100 x 80 x 63
DIN 125 2-piece ABS Natural	4.921" X 3.927" X 3.149"	125 x 99.75 x 79.9
DIN 125 1-piece ABS Black	4.921" X 3.927" X 3.149"	125 x 99.75 x 79.9
DIN 160 ABS Natural	6.3" x 5.039" x 3.937"	160 x 128 x 100
DIN 200 ABS Natural	7.87" x 6.3" x 4.9"	200 x 160 x 124.46
DIN 250 ABS Natural	9.842" x 6.3" x 6.3"	250 x 160 x 160
SAMP 250 ABS Natural	9.842" x 6.25" x 6"	250 x 158.75 x 152.4
DIN 355 ABS Natural	13.97" x 6.3" x 8.8"	354.84 x 160 x 223.52



2-piece and 1-piece spools

Utility Spools

- Molded in high impact materials
- Balanced weight and design
- Heavy duty and light duty construction available
- Variety of assembly methods used
- Multiple traverse lengths

Applications: Insulated Wire



Dimensions (flange x barrel)	Dimensions in mm
5" x 1-7/8"	127 x 47.625
6-1/2" x 1-7/8"	165.1 x 47.625
6-1/2" x 3-1/2"	165.1 x 88.9
6-1/2" x 2.25" 1-piece	165.1 x 57.15
10-1/2" x 3-1/2"	266.7 x 88.9
12" x 5"	304.8 x 127
14" x 5"	355.6 x 127
18" x 5"	457.2 x 127

Endplates available for 10.5" and 12" Spools

Welding Wire Reels

Applications: Welding Wire, Bare Wire

- One piece molded construction or welded for maximum strength and accuracy

Description	Dimensions (flange x traverse x barrel)	Dimensions in mm
WWR 1 LB	4" x 1-1/2" x 1-1/2"	101.6 x 38.1 x 38.1
WWR 11-3/4 (25#)	11-3/4" x 3-5/8" x 8-3/16"	298.45 x 92.075 x 207.96
WS 13-3/4 Metco	13-3/4" x 2-9/16" x 11-1/8"	349.25 x 65.087 x 282.57

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