

CONVERSION TABLES

Inches to millimeters & centimeters * rounded off*

| in. | mm | cm |
|--------|-------|-------|
| 1/8 | 3 | |
| 1/4 | 6 | 1 |
| 3/8 | 10 | |
| 1/2 | 13 | 1.3 |
| 5/8 | 15 | 1.5 |
| 3/4 | 20 | 2 |
| 7/8 | 22 | 2.25 |
| 1 | 25 | 2.5 |
| 1 1/4 | 32 | 3.2 |
| 1 1/2 | 38 | 3.8 |
| 1 3/4 | 45 | 4.5 |
| 2 | 50 | 5 |
| 2 1/2 | 65 | 6.5 |
| 3 | 75 | 7.5 |
| 3 1/2 | 90 | 9 |
| 4 | 100 | 10 |
| 4 1/2 | 115 | 11.5 |
| 5 | 127 | 13 |
| 5 1/2 | 140 | 14 |
| 6 | 152 | 15 |
| 6 1/2 | 165 | 16.5 |
| 7 | 178 | 18 |
| 7 1/2 | 190 | 19 |
| 8 | 203 | 20.5 |
| 8 1/2 | 216 | 21.60 |
| 9 | 228.6 | 24 |
| 9 1/2 | 241 | 24 |
| 10 | 255 | 2.5 |
| 11 | 279 | 27.9 |
| 11 1/2 | 292 | 29.8 |
| 12 | 304.8 | 30.5 |

| U.S. Measurement | Multiplied By | Equals Metric Measurement |
|------------------|---------------|---------------------------|
| Inches | x 25 | = Millimeters (mm) |
| Inches | x 0.393 | = Centimeters (cm) |
| Inches | x. 0254 | = Meters (m) |
| Yards | x 91.44 | = Centimeters (cm) |
| Yards | x. 9144 | = Meters (m) |

| | |
|----------|-----------|
| 1/8 yard | = 11.5cm |
| 1/4yard | = 23cm |
| 3/8 yard | = 34.5cm |
| 1/2 yard | = 45.75cm |
| 5/8 yard | = 57.25cm |
| 3/4 yard | = 68.5cm |
| 7/8yard | = 80cm |
| 1 yard | = 91.5cm |

| Inches | = yards | Inches | = yards |
|--------|----------|--------|------------|
| 4 1/2 | = 1/8yd. | 40 1/2 | = 1 1/8yd. |
| 9 | = 1/4yd. | 45 | = 1 1/4yd. |
| 12 | = 1/3yd. | 48 | = 1 1/3yd. |
| 13 1/2 | = 3/8yd. | 49 1/2 | = 1 3/8yd. |
| 18 | = 1/2yd. | 54 | = 1 1/2yd. |
| 22 1/2 | = 5/8yd. | 59 1/2 | = 1 5/8yd. |
| 24 | = 2/3yd. | 60 | = 1 2/3yd. |
| 27 | = 3/4yd. | 63 | = 1 3/4yd. |
| 31 1/2 | = 7/8yd. | 72 | = 2 yds. |
| 36 | = 1yd. | | |

Yardage conversion tables

| width | 35/36 | 39" | 41" | 44/45 | 50" | 52/54 | 58/60 | 66" |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| yardage | 1 3/4 | 1 1/2 | 1 1/2 | 1 3/8 | 1 1/4 | 1 1/8 | 1 | 7/8 |
| | 2 | 1 3/4 | 1 3/4 | 1 5/8 | 1 1/2 | 1 3/8 | 1 1/4 | 1 1/8 |
| | 2 1/4 | 2 | 2 | 1 3/4 | 1 5/8 | 1 1/2 | 1 3/8 | 1 1/4 |
| | 2 1/2 | 2 1/2 | 2 1/4 | 2 1/8 | 1 3/4 | 1 3/4 | 1 5/8 | 1 1/2 |
| | 2 7/8 | 2 1/2 | 2 1/2 | 2 1/4 | 2 | 1 7/8 | 1 3/4 | 1 5/8 |
| | 3 1/8 | 2 3/4 | 2 3/4 | 2 1/2 | 2 1/4 | 2 | 1 7/8 | 1 3/4 |
| | 3 3/8 | 3 | 2 7/8 | 2 3/4 | 2 3/8 | 2 1/4 | 2 | 1 7/8 |
| | 3 3/4 | 3 1/4 | 3 1/8 | 2 7/8 | 2 5/8 | 2 3/8 | 2 1/4 | 2 1/8 |
| | 4 1/4 | 3 1/2 | 3 3/8 | 3 1/8 | 2 3/4 | 2 5/8 | 2 3/8 | 2 1/4 |
| | 4 1/2 | 3 3/4 | 3 5/8 | 3 3/8 | 3 | 2 3/4 | 2 5/8 | 2 1/2 |
| | 4 3/4 | 4 | 3 7/8 | 3 5/8 | 3 1/4 | 2 7/8 | 2 1/4 | 2 5/8 |
| | 5 | 4 1/2 | 4 1/2 | 3 7/8 | 3 3/8 | 3 1/8 | 2 7/8 | 2 3/4 |

Add additional 1/4 yard:

For side span conversion in fabric-For nap or one directional printed fabric. For styles with sleeves cut in on piece with body garment.

Care & Maintenance of your MACHINE

- Never sew over needles and pins.
- Use only needles made to fit your brand and model of machine.
Needles should be replaced **every 6-8 hours of Sewing Time.**
- Clean out dust bunnies in the throat plate on a regular basis. **Every 6-8 hours of sewing time**, or after a project using very linty fabrics as: flannel, velvet, corduroy, or fleece.
- Lubricate using only sewing machine oil** as recommended by your machine manual and your sewing machine dealer.
Never use oil that has turned brown.
- If you are using a computer-based machine **ALWAYS USE A SURGE PROTECTOR (NOT ALL STRIP ELECTRICAL UNITS HAVE THIS FEATURE.)**
- Use high quality, long staple thread. **Inexpensive, "bargin" thread** can deposit large amount of lint that can build up in the feed dog and tension areas and can cause tension problems.
- Attend the classes offered about the care and proper use of your machine.
- And last but not least, take your machine to your local dealer for an annual check up.
Bernina should only be serviced by an authorized Bernina Dealer.