



*Modern sewing machines run at high speeds. Some even go up to 10,000 stitches per minute. It takes a well-made needle to remain stable at these high speeds in order to give an aesthetic finish to the sewn product. At Beisel, we put our needles through all possible torture tests to ensure just that. But quality needles alone cannot guarantee optimal results. For acquiring that lovely finish, you also need know how on which needles to use where. And this know how is not readily available. Which is precisely why, we've compiled the following list of 20 useful tips.*

1. For weaving light shirts and blouse materials, use a normal round point, 65-75 Nm needle, in the 9-11 size range.
2. A fine ball point 80-90 Nm needle, in the 12-14 size range is ideal for suits.
3. For light denim, a ball point 70-90 Nm needle, in the 10-14 size range should be fine.
4. For medium denim, a ball point 100-110 Nm needle, in the 16-18 size range must be used.
5. For heavy denim, a ball point 110-140 Nm needle, in the 18-22 size range is recommended.
6. For micro fibers and artificial silk, use a fine ball point 65-70 Nm needle, in the 9-10 size range.
7. For tarpaulins, an acute round point 100-180 Nm needle, in the 16-24 size range should suffice.
8. For fine knitwear, we recommend a medium ball point 60 Nm needle with size 8.
9. For medium knitwear, use a fine ball point 65-75 Nm needle in the 9-11 size range.
10. For coarse knitwear, opt for a medium ball point 75-90 Nm needle in the 11-14 size range.
11. For very coarse knitwear, choose a heavy ball point 75-90 Nm needle in the 11-14 size range.
12. For fine lycra, use a heavy ball point 65-70 Nm needle in the 9-10 size range.
13. For bandages, we recommend a special ball point 80-90 Nm needle in the 12-14 size range.
14. For elastic waistbands, select an acute round point 65-90 Nm needle in the 9-14 size range.
15. For car seats and diving suits, use fine ball point 80-110 Nm needles in the 12-18 size range.
16. For car seat tracks, we recommend cutting point 100-140 Nm needles in the 16-22 size range.
17. For blended fabrics, it might make sense to choose acute round point 65-80 Nm needles in the 9-12 size range.
18. For leather with textiles, a normal round point 80-100 Nm needle in the 12-16 size range should do the trick.
19. For flims, use a normal round point 65-90 Nm needle in the 9-14 size range.
20. For manufacture of furs and skins, opt for a normal round point 80-100 Nm needle in the 12-16 size range.