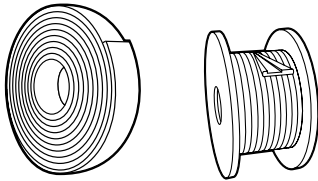


Precision Strip on Spools Datasheet

Technical Information Precision Strip



Zapp is certified to ISO 9001



Why spools?

In some steps during the further processing of precision strip, spools offer considerable advantages compared to coils. We have significantly increased our spooling capacity and want to give you an overview of this form of delivery.

Advantages of spools

- reduced set up and longer operating times
- longer strands
- generally easier handling of narrow widths, no danger of collapsing coils
- efficient pay off from spool
- safe material transport
- reduced scrap rate by precise welding seams
- high spool weights and minimum number of welding joints
- better storage of residual material on spools

Your benefit

Depending on your manufacturing process, spools can give you considerable longer operating times and consequently a higher productivity.

Laying procedure and welding joints

Spools for soft annealed strips and spring strip

The laying procedure is the well-known oscillated spooling, layers closely next to each other.

The straightness of the precision strip is adjusted before and does not change during the spooling process as the spool moves horizontally and the spooling material runs straight from the coil onto the spool.

Welding joints in ferritic and austenitic strips of all tensile ranges are generally soft. They are marked and their cross section is adjusted in a way that they pass the further production without disturbances. Finally, the marked finished parts can easily be sorted out.

Edge condition

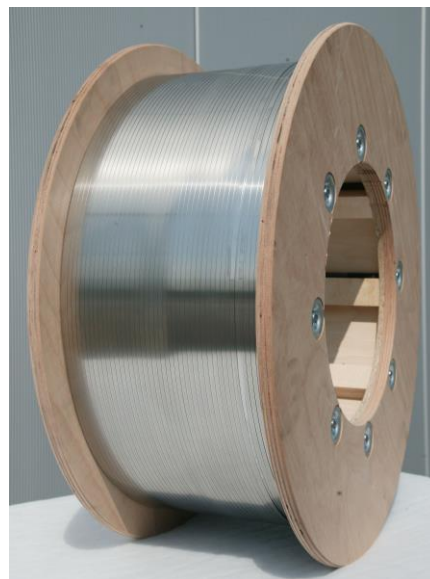
- cut
- deburred
- rounded

Dimensions

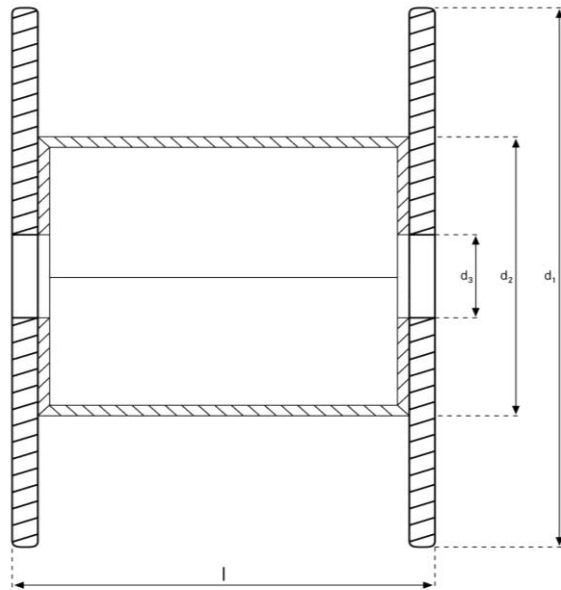
Thickness 0.10 – 1.00 mm (.004" - .040")

Width 2 – 45 mm (.078" – 1.77")

Spool (example)



| Denomination | Type | Outer- \varnothing [mm] | Core- \varnothing [mm] | Bore [mm] | Width of spool [mm] | Max. spool weight [kg] | Tare [kg] |
|--------------|------------------------|---------------------------|--------------------------|-----------|---------------------|------------------------|-----------|
| SK 800 | Plastic/ Returnable | 355 | 224 | 102 | 200 | 50 | 3 |
| SH 021 | Wood/ Returnable | 750 | 485 | 400 | 300 | 500 | 18 |
| SH 022 | Wood/ Returnable | 750 | 480 | 400 | 183 | 250 | 14 |
| SH 035 | Wood/ Returnable | 800 | 480 | 400 | 300 | 600 | 18 |
| SP 100 | Cardboard core | 340 | 300 | - | 80 - 395 | Depending on strip | - |
| SP 101 | Cardboard core | 440 | 400 | - | 80 - 395 | Depending on strip | - |
| SP 120 | Cardboard core | 750 | 480 | 400 | 183 | 250 | 13 |



Available spools

d_1 = outer diameter
 d_2 = core diameter
 d_3 = bore diameter
 l = width of spools

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