

Needles

Metal (N) Hub Needles

The N needles (metal hub) are available in a convenient six pack. The needles are available with a wide variety of point style. Standard needles are delivered with a needle length of 51 mm. Custom made needles are available up to a length of max 1000 mm. The metal hub is made of brass and nickel plated. The needle material quality is SST 304 (DIN1.4301). SST tubing without hub can also be ordered.



Metal Hub Needles

Gauge	O.D. X I.D. [mm]	Point style 2	Point style 3	Point style 5	Custom made Point style 5, AS	Custom made Point style 2, 3, 4
33	0.21 x 0.11					7747-01
32	0.24 x 0.11					7747-02
31	0.26 x 0.13					7748-17
30	0.31 x 0.16					7748-16
29	0.34 x 0.18					7748-15
28	0.36 x 0.18					7748-14
27	0.41 x 0.21					7748-13
26s	0.47 x 0.13	90039	91039	7729-01	7751-19 ¹	7748-19
26	0.46 x 0.26	90026	91026	7729-03	7751-17 ¹	7748-12
25s	0.52 x 0.15				7751-21 ¹	7748-21
25	0.51 x 0.26	90025	91025	7729-04	7751-16 ¹	7748-11
24	0.57 x 0.31	90024	91024	7729-05	7751-15 ¹	7748-10
23s	0.64 x 0.09				7751-20 ¹	7748-20
23	0.64 x 0.34	90023	91023	7729-06	7751-14 ¹	7748-09
22s	0.72 x 0.15	90038	91038	7729-02	7751-18 ¹	7748-18
22	0.72 x 0.41	90022	91022	7729-07	7751-13 ¹	7748-08
21	0.82 x 0.51	90021	91021	7729-08	7751-12	7748-07
20	0.91 x 0.60	90020	91020	7729-09	7751-11	7748-06
19	1.07 x 0.69				7751-10	7748-05
18	1.27 x 0.84				7751-09	7748-04
17	1.47 x 1.07				7751-08	7748-03
16	1.65 x 1.19				7751-07	7748-02
15	1.83 x 1.37				7751-06	7748-01
14	2.11 x 1.60				7751-05	7749-05
13	2.41 x 1.80				7751-04	7749-04
12	2.77 x 2.16				7751-03	7749-03
11	3.05 x 2.39				7751-02	7749-02
10	3.40 x 2.69				7751-01	7749-01

¹ Available as point style AS