



Shoe machine needles and awls

Information on the product range

Groz-Beckert supplies about 150 different needles and awls for the manufacture of shoe bottoms and soles. The awls are used to prepunch the holes; this makes it easier to feed the thread through with the actual needles to create the seam.

Identification of shoe machine needles and awls from Groz-Beckert

HN 82 / 50 . 195 . 23 G 1

Hook needles

Identification code

Overall length (rounded down to whole millimeters)

Needle size
(Nm = millimeters x 100)

Point style

Version

Overall length

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Needle



Awl



The delivery program

Below, you will find our standard delivery program for shoe machine needles and awls. Further sizes and types may be available in small quantities or may be produced on request (taking into account the minimum order quantity).

GB designation	Available sizes Nm
HN 80/ 47. xxx. 69 G 1	225, 240, 255
HN 80/ 47. xxx. 69 G 3	240
HN 80/ 47. xxx. 72 G 1	225, 240
HN 80/ 47. xxx. 72 G 2	240
HN 80/ 47. xxx. 72 G 3	240
HN 80/ 47. xxx. 72 G 4	240
HN 80/ 57. xxx. 72 G 1	240
HN 81/ 52. xxx. 53 G 1	255, 265
HN 81/ 61. xxx. 53 G 1	265, 275, 285
HN 82/ 50. xxx. 23 G 1	180, 195, 210, 225, 240, 255, 275
HN 82/ 50. xxx. 23 G 2	180, 195, 210, 225, 240
HN 82/ 50. xxx. 25 G 1	180, 195, 210
HN 82/ 55. xxx. 23 G 2	210
HN 82/ 57. xxx. 23 G 2	180, 195, 210, 225, 240
HN 83/ 53. xxx. 62 G 1	210
HN 83/ 53. xxx. 62 G 2	195, 200, 210, 215, 225, 240, 255, 270, 285
HN 83/ 53. xxx. 62 G 3	240, 255
HN 83/ 53. xxx. 63 G 1	195, 225, 240
HN 83/ 53. xxx. 63 G 2	195, 200, 210, 215, 225, 230, 240, 255, 270
HN 83/ 58. xxx. 63 G 1	210, 225, 240, 255, 285
HN 84/ 50. xxx. 23 G 1	140, 150, 160, 170, 180
HN 84/ 55. xxx. 23 G 1	180
HN 84/ 56. xxx. 23 G 1	180
HN 84/ 57. xxx. 23 G 1	160, 175
HN 84/ 58. xxx. 23 G 2	180, 190

GB designation	Available sizes Nm
HN 84/ 63. xxx. 23 G 1	180, 190, 200, 220
HN 84/ 65. xxx. 23 G 1	140, 160, 170, 180, 200, 220
HN 90/ 39. xxx. 67 G 1	155, 165, 180, 190, 205, 230
HN 90/ 39. xxx. 67 G 2	215
HN 90/ 39. xxx. 68 G 1	155, 165, 180, 190
HN 90/ 40. xxx. 31 G 1	210
HN 90/ 40. xxx. 68 G 1	165
HN 90/ 41. xxx. 59 G 1	180, 200, 220
HN 90/ 42. xxx. 23 G 1	250
HN 90/ 45. xxx. 55 G 1	165, 180, 190, 205, 240
HN 90/ 69. xxx. 32 G 1	275
HN 90/ 69. xxx. 32 G 2	275
HN 91/ 38. xxx. 61 G 1	160, 180, 200

You will find a comparison of European and American needle designations and Groz-Beckert designations in the data sheet "Shoe machine needles and awls from Groz-Beckert – Comparisons and associations". This data sheet contains the associations between needles and awls.