



Shoe machine needles and awls

Comparisons and allocations

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Comparison of Groz-Beckert designations and common European designations

European designation	GB designation	European designation	GB designation
FR 67/1L	HN 84/ 90. xxx. 01 G 2	6006	HN 82/ 52. xxx. 23 G 2
FR 67/1 R	HN 84/ 90. xxx. 01 G 1	6011 R	HN 82/ 55. xxx. 23 G 2
AZX 392 RD	HN 96/ 65. xxx. 0 G 2	6014/6014 R	HN 82/ 50. xxx. 25 G 1
AZX 834	HN 90/ 54. xxx. 91 G 1	6021	HN 82/ 57. xxx. 23 G 2
1143 LG	HN 84/ 65. xxx. 23 G 1	7001	HN 80/ 47. xxx. 69 G 1
1141	HN 84/ 50. xxx. 23 G 1	7042/7043	HN 81/ 52. xxx. 53 G 1
1142 U	HN 91/ 38. xxx. 61 G 1	7046	HN 81/ 61. xxx. 53 G 1
1143	HN 84/ 55. xxx. 23 G 1	7060	HN 80/ 47. xxx. 69 G 3
1143 LG A	HN 84/ 63. xxx. 23 G 1	7060 GIS	HN 80/ 47. xxx. 72 G 1
1143 LG Z	HN 84/ 65. xxx. 01 G 3	7060 GIS 41/43 eye	HN 80/ 47. xxx. 72 G 3
1144	HN 91/ 49. xxx. 61 G 1	7060 GIS 41/45 eye	HN 80/ 47. xxx. 72 G 2
1144 P	HN 91/ 49. xxx. 31 G 1	7060 GIS Barb B	HN 80/ 47. xxx. 72 G 4
1153/1159	HN 84/ 58. xxx. 23 G 1	7064 GIS	HN 80/ 57. xxx. 72 G 1
1155	HN 84/ 57. xxx. 23 G 1	8001	HN 90/ 39. xxx. 67 G 1
1157	HN 84/ 58. xxx. 23 G 2	8004/8005	HN 90/ 41. xxx. 58 G 1
1164	HN 91/ 50. xxx. 31 G 1	8011	HN 90/ 39. xxx. 67 G 2
4001/4002	HN 83/ 53. xxx. 62 G 2	8034	HN 90/ 69. xxx. 32 G 1
4002 HL	HN 83/ 53. xxx. 62 G 3	8034 FK	HN 90/ 69. xxx. 32 G 2
4011	HN 83/ 53. xxx. 63 G 1	8036	HN 90/ 45. xxx. 55 G 1
4019 T	HN 83/ 53. xxx. 62 G 1	8040 Landis	HN 90/ 39. xxx. 68 G 1
4035	HN 83/ 53. xxx. 63 G 2	8046	HN 90/ 40. xxx. 68 G 1
4058	HN 83/ 58. xxx. 63 G 1	8050	HN 90/ 41. xxx. 59 G 1
5921/1143 DK	HN 84/ 56. xxx. 23 G 1	8061	HN 90/ 40. xxx. 31 G 1
6001	HN 82/ 50. xxx. 23 G 1	8064	HN 90/ 42. xxx. 23 G 1
6001 W 50/47	HN 82/ 50. xxx. 23 G 5	8065	HN 90/ 47. xxx. 23 G 1
6002	HN 82/ 50. xxx. 23 G 2		



Needle



Awl



Comparison of Groz-Beckert designations and common American designations

American designation	GB designation	American designation	GB designation
Campbell Awl Chisel Point	HN 91/ 49. xxx. 31 G 1	Rapid Awl 68 Sharp Point	HN 90/ 39. xxx. 68 G 1
Campbell Needle 2 5/16"	HN 84/ 58. xxx. 23 G 1	Rapid Awl Large Shank	HN 90/ 39. xxx. 67 G 2
Champion McKay	HN 83/ 53. xxx. 62 G 1	Rapid Awl Round Blade (Chisel Point)	HN 90/ 40. xxx. 31 G 1
Goodyear Inseam Needle	HN 80/ 47. xxx. 69 G 1	Solestitch Needle	HN 83/ 53. xxx. 63 G 1
Goodyear Rapid Awl	HN 90/ 39. xxx. 67 G 1	Solestitch Needle XL	HN 83/ 58. xxx. 63 G 1
Goodyear Rapid Needle	HN 82/ 50. xxx. 23 G 1	Sutton Awl 68 Sharp	HN 90/ 40. xxx. 68 G 1
Goodyear Rapid Needle McKay Groove	HN 82/ 50. xxx. 23 G 2	UISL Awl	HN 90/ 47. xxx. 23 G 1
Inseam Awl Round Point	HN 90/ 42. xxx. 23 G 1	Union Lock Awl Chisel Point	HN 91/ 60. xxx. 31 G 1
Inseam Needle GIS Point	HN 80/ 47. xxx. 72 G 1	Union Lock Needle	HN 84/ 63. xxx. 23 G 1
Inseam Needle 41 with 45 eye	HN 80/ 47. xxx. 72 G 2	Victor Needle	HN 82/ 55. xxx. 23 G 2
Inseam Needle 41 with 43 eye	HN 80/ 47. xxx. 72 G 3	5 R.H. 3-9/16 CML	HN 84/ 90. xxx. 01 G 1
Inseam Needle Barb B GIS Point	HN 80/ 47. xxx. 72 G 4	5 R.L. 3-9/16 CML	HN 84/ 90. xxx. 01 G 2
Landis Awl Chisel Point	HN 91/ 50. xxx. 31 G 1		
Landis C - 12 Needle Curved	HN 82/ 50. xxx. 25 G 1		
Landis Needle 3/16"	HN 84/ 58. xxx. 23 G 2		
McKay Needle	HN 83/ 53. xxx. 62 G 2		
Parkson Corp. Lsp	HN 93/ 43. xxx. 61 G 1		
Puritan Awl Oval Point	HN 91/ 49. xxx. 61 G 1		
Puritan Awl SS (Oval Point)	HN 91/ 38. xxx. 61 G 1		
Puritan Needle FS	HN 84/ 55. xxx. 23 G 1		
Puritan Needle FS 2 9/16"	HN 84/ 65. xxx. 23 G 1		
Puritan Needle SS	HN 84/ 50. xxx. 23 G 1		

Allocation of needles to awls

Needle	Awl	Alternative
HN 80/ 47...69 G 1	HN 90/ 42...23 G 1	
HN 80/ 47...69 G 3	HN 90/ 42...23 G 1	
HN 80/ 47...72 G 1	HN 90/ 42...23 G 1	
HN 80/ 47...72 G 2	HN 90/ 42...23 G 1	
HN 80/ 47...72 G 3	HN 90/ 42...23 G 1	
HN 80/ 47...72 G 4	HN 90/ 42...23 G 1	
HN 80/ 57...72 G 1	HN 90/ 47...23 G 1	
HN 81/ 52...53 G 1	HN 90/ 69...32 G 1	HN 90/ 69...32 G 2
HN 81/ 61...53 G 1	HN 90/ 69...32 G 1	HN 90/ 69...32 G 2
* HN 82/ 50...23 G 1	HN 90/ 39...67 G 1	HN 90/ 39...67 G 2
* HN 82/ 50...23 G 2	HN 90/ 41...59 G 1	
* HN 82/ 50...23 G 5	HN 90/ 39...68 G 1	
* HN 82/ 50...25 G 1	HN 90/ 39...68 G 1	
* HN 82/ 52...23 G 2	HN 90/ 41...58 G 1	
* HN 82/ 55...23 G 2	HN 90/ 45...55 G 1	
* HN 82/ 57...23 G 2	HN 90/ 45...55 G 1	
HN 84/ 50...23 G 1	HN 91/ 38...61 G 1	
HN 84/ 55...23 G 1	HN 91/ 48...61 G 201	HN 91/ 48...31 G 1
HN 84/ 56...23 G 1	HN 91/ 48...61 G 201	HN 91/ 48...31 G 1
HN 84/ 58...23 G 1	HN 91/ 49...31 G 1	HN 91/ 49...61 G 1
HN 84/ 58...23 G 2	HN 91/ 50...31 G 1	
HN 84/ 63...23 G 1	HN 91/ 60...31 G 1	
HN 84/ 65...01 G 3	HN 91/ 48...61 G 201	
HN 84/ 65...23 G 1	HN 91/ 48...61 G 201	HN 91/ 48...31 G 1

* For HN 82, the next thinnest awl in relation to the needle size should always be used.

The complete delivery program of shoe machine needles and awls can be found in the data sheet "Shoe machine needles and awls from Groz-Beckert – the delivery program".