



Agulhas de calçado e de lança

Comparações e correlações

GROZ-BECKERT®

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Comparações das designações da Groz-Beckert e designações comuns europeias

Designação europeia	Designação da GB	Designação europeia	Designação da GB
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		



Agulha



Lança



Comparação das designações da Groz-Beckert e designações comuns americanas

Designação americana	Designação da GB	Designação americana	Designação da GB
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 G1
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 G1	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		

Correlação de agulhas para lanças

Agulha	Lança	Alternativa
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

* Na HN 82 deve se utilizar na correlação para a agulha sempre a lança seguinte mais fina.

O escopo de fornecimento completo das agulhas de calçado e de lança pode ser encontrado no folheto técnico "Agulhas de calçado e de lança da Groz-Beckert - o Escopo de fornecimento".