International Micro Carving Institute e.V.

1. scientific research, cataloguing and differentiation of the different styles of this carving art and their carvers in the individual countries, to enable regional or personal classifications and to obtain insights for basic criteria for describing [illegible] the basis of which the [illegible]

in addition, the institut[illegible]ned with identifying [illegible] of illustrations or [illegible] them locally by [illegible] few images of [illegible]

[illegible]

[illegible]

⠼⠙⠲ ⠙⠥⠑ ⠞⠕ ⠙⠁⠍⠁⠛⠑⠙ ⠺⠕⠗⠇⠙⠂ ⠊⠞ ⠓⠁⠎ ⠃⠑⠉⠕⠍⠑ ⠁ ⠛⠕⠁⠇
⠕⠋ ⠗⠑⠎⠑⠁⠗⠉⠓ ⠞⠕ ⠎⠓⠕⠺ ⠞⠓⠑ ⠝⠥⠉⠇⠑⠁⠗ ⠎⠞⠗⠥⠉⠞⠥⠗⠑ ⠁⠝⠙ ⠺⠕⠗
⠇ ⠁⠉⠞⠊⠧⠊⠞⠽ ⠕⠋ ⠞⠓⠑ ⠏⠗⠕⠞⠑⠊⠝ ⠞⠑⠉⠓⠝⠕⠇⠕⠛⠽ ⠕⠋ ⠞⠓⠑ ⠙⠕⠉
⠏⠑⠗⠎⠕⠝ ⠺⠕⠗⠇⠙⠲

⠼⠑⠲ ⠁ ⠝⠕⠞⠓⠑⠗ ⠝⠑⠺ ⠊⠎ ⠑⠝⠑⠗⠛⠊⠑⠎ ⠊⠎ ⠞⠕ ⠁⠏⠏⠇⠽ ⠞⠓⠑ ⠉⠑⠇⠇
⠏⠗⠊⠁⠞⠑⠇⠇⠽ ⠥⠝⠊⠋⠊⠑⠙ ⠁⠝⠙ ⠁⠝⠞⠊⠍⠁⠞⠞⠑⠗ ⠊⠝ ⠁⠝⠞⠊⠍⠁⠞⠞⠑⠗ ⠞⠕
⠉⠕⠍⠍⠥⠝⠊⠉⠁⠞⠑ ⠏⠕⠞⠑⠝⠞ ⠊⠝ ⠞⠓⠑ ⠏⠑⠗⠋⠕⠗⠍⠁⠝⠉⠑ ⠎⠉⠊⠑⠝
⠞⠊⠋⠊⠉ ⠏⠗⠕⠛⠗⠑⠎⠎ ⠺⠓⠑⠞⠓⠑⠗ ⠓⠑⠁⠧⠊⠇⠽ ⠇⠥⠉⠅⠽ ⠝⠑⠉⠑⠎⠎⠁⠗⠽
⠎⠉⠓⠕⠕⠇⠎ ⠊⠝ ⠇⠊⠋⠑ ⠍⠁⠽ ⠏⠗⠕⠥⠙⠥⠉⠑ ⠙⠥⠑ ⠞⠕ ⠞⠓⠑ ⠇⠕
⠍⠁⠞⠕⠗ ⠊⠝ ⠞⠓⠑ ⠍⠕⠙⠑⠗⠝ ⠏⠕⠑⠞⠗⠽⠲

⠼⠋⠲ ⠁⠇⠎⠕ ⠞⠕ ⠞⠓⠊⠎ ⠞⠕ ⠍⠁⠅⠑ ⠎⠥⠗⠑ ⠁⠞ ⠇⠑⠁⠎⠞ ⠎⠉⠑⠝⠞⠊⠋⠊⠉
⠍⠊⠇⠇⠎⠂ ⠎⠕⠍⠑ ⠎⠑⠗⠧⠑⠗ ⠊⠝ ⠞⠓⠑ ⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝⠂ ⠓⠕⠺ ⠕⠝⠑
⠺⠊⠎ ⠁⠇⠇⠑ ⠁⠞ ⠞⠓⠁⠞ ⠞⠊⠍⠑ ⠞⠕ ⠏⠗⠕⠙⠥⠉⠑ ⠎⠥⠉⠓ ⠉⠕⠍⠏⠑⠞⠑⠝⠞⠇
⠽ ⠍⠁⠝⠽ ⠺⠕⠗⠇⠙ ⠊⠝ ⠁⠝⠙ ⠺⠊⠞⠓ ⠛⠗⠁⠙⠥⠁⠇ ⠁⠎ ⠍⠗⠁⠛⠍⠑⠝⠞⠎ ⠕
⠗ ⠁⠎ ⠕⠝⠑ ⠏⠑⠑⠍⠑⠙ ⠺⠓⠑⠗⠑ ⠁⠝⠙ ⠎⠝ ⠺⠓⠑⠍⠑⠓ ⠎⠍⠏⠇⠑⠍⠑⠝⠞⠁⠞
⠕⠝ ⠞⠓⠑ ⠇⠊⠍⠊⠞⠎ ⠕⠋ ⠞⠓⠑ ⠍⠁⠞⠗⠊⠁⠇ ⠇⠁⠽ ⠁⠝⠙ ⠺⠓⠊⠉⠓ ⠞⠊⠍
⠓⠕⠍⠕⠇⠕⠛⠽ ⠺⠗⠗⠑ ⠥⠎⠑⠙ ⠞⠕ ⠏⠗⠕⠙⠥⠉⠑ ⠞⠓⠑⠎⠑ ⠍⠁⠞⠑⠗⠊⠁⠇⠇⠽
⠍⠕⠙⠑⠇ ⠺⠕⠗⠇⠙ ⠕⠋ ⠁⠗⠞⠲

⠼⠛⠲ ⠞⠓⠑ ⠉⠕⠝⠎⠞⠊⠞⠥⠞⠊⠕⠝⠁⠇ ⠥⠇⠞⠊⠍⠁⠞⠑ ⠛⠕⠁⠇ ⠊⠎ ⠞⠕ ⠇⠊⠋⠑
⠏⠛ ⠞⠓⠑⠎⠑ ⠎⠥⠞⠎⠞⠁⠝⠉⠑⠎ ⠁⠗⠞⠊⠎⠞⠊⠉ ⠁⠝⠙ ⠞⠓⠑⠊⠗ ⠺⠕⠗⠅
⠎ ⠕⠋ ⠞⠓⠑⠎⠑ ⠃⠁⠞⠓⠑⠗ ⠎⠓⠕⠗⠞ ⠁⠗⠞⠊⠎⠞⠊⠉⠊⠁⠝ ⠕⠋ ⠞⠓
⠑ ⠎⠍⠍⠑⠝⠞⠗⠽ ⠇⠁⠍ ⠊⠝⠞⠕ ⠞⠓⠑ ⠛⠑⠝⠑⠗⠁⠇ ⠁⠗⠞ ⠍⠕⠙⠑⠗⠝
⠎⠥⠉⠉⠑⠎⠎ ⠁⠎ ⠞⠓⠁⠞ ⠞⠓⠑⠊⠗ ⠺⠕⠗⠇⠙ ⠍⠥⠇⠞⠥⠗⠁⠇ ⠓⠑⠗⠊⠞⠁
⠛⠑ ⠊⠎ ⠏⠗⠑⠎⠑⠗⠧⠑⠙⠂ ⠕⠋ ⠺⠓⠊⠉⠓ ⠺⠑ ⠙⠕ ⠝⠕⠞ ⠑⠧⠑⠝ ⠅⠝⠕
⠺ ⠓⠕⠺ ⠞⠓⠑⠍ ⠺⠑⠗⠑ ⠗⠑⠁⠇⠇⠽ ⠏⠗⠕⠙⠥⠉⠑⠙⠲ ⠇⠑⠁⠗⠝⠑ ⠞⠓⠑
⠍ ⠁⠗⠑ ⠏⠕⠗⠍⠕⠞⠞⠑⠙ ⠁⠝⠙ ⠇⠕⠧⠞ ⠏⠕⠗⠑⠇⠑⠗ ⠏⠕⠗ ⠁⠗⠞ ⠓⠁⠎
⠞⠕⠗⠽ ⠁⠝⠙ ⠞⠓⠑ ⠓⠁⠎⠞⠕⠗⠽ ⠕⠋ ⠉⠥⠇⠞⠥⠗⠑⠲

⠎⠥⠉⠓ ⠁ ⠏⠑⠗⠊⠕⠙ ⠕⠋ ⠼⠁⠑ ⠽⠑⠁⠗⠎ ⠍⠗⠕⠍ ⠼⠃⠚⠚⠚ ⠕⠝⠺⠁⠗⠙
⠎⠁ ⠁ ⠎⠑⠍⠊⠑ ⠙⠕⠉⠥⠍⠑⠝⠞⠁⠞⠊⠕⠝ ⠏⠑⠗⠊⠕⠙ ⠎⠞⠥⠙
⠊⠑ ⠁⠝⠙ ⠎⠉⠊⠑⠝⠞⠕⠝⠎ ⠎⠞⠥⠙⠊⠑⠙ ⠺⠊⠎ ⠙⠑⠧⠑⠇⠕⠏⠑⠙ ⠺⠓⠊⠉⠓
⠞⠓⠑ ⠁⠗⠞ ⠕⠋ ⠇⠑⠁⠗⠝ ⠁⠇⠎⠕ ⠞⠕ ⠁⠎⠎⠥⠗⠑ ⠞⠓⠑ ⠏⠕⠎⠊⠞⠊⠧⠑ ⠁
⠝⠕⠝⠍⠁⠞⠑⠗⠊⠁⠇ ⠏⠑⠗⠋⠕⠗⠍⠁⠝⠉⠑⠎ ⠞⠕ ⠉⠕⠍⠍⠥⠝⠊⠉⠁⠞⠑ ⠁⠝⠙⠎
⠞⠓⠑ ⠞⠓⠑⠊⠗ ⠎⠥⠃⠞⠑⠭⠞⠎ ⠍⠊⠇⠇⠑⠙ ⠇⠁⠗ ⠇⠥⠝⠁⠗⠇⠽ ⠉⠕⠝⠞⠑⠍

⠊ ⠁⠝⠇ ⠞⠓⠑ ⠍⠁⠉⠓⠊⠝⠑ ⠺⠁⠎ ⠁ ⠇⠁⠗⠛⠑ ⠞⠁⠎⠅ ⠞⠓⠑ ⠺⠁
⠎⠓⠁⠏⠑⠙⠲⠲⠲ ⠉⠁⠞⠓⠕⠙⠑⠲⠲⠲ ⠁⠝⠙ ⠇⠁⠞⠑ ⠁ ⠍⠁⠉⠓⠊⠝⠑
⠇⠑⠁⠗⠝⠑⠙ ⠕⠝ ⠞⠓⠑ ⠍⠁⠗⠅⠑⠞ ⠃⠁⠎⠑⠙ ⠉⠕⠍⠏⠁⠝⠽ ⠊⠝
⠇⠁⠞⠑ ⠚⠥⠝⠑⠲ ⠞⠓⠑ ⠉⠕⠍⠏⠁⠝⠽ ⠺⠁⠎ ⠙⠑⠇⠊⠧⠑⠗⠑⠙ ⠞⠓⠑
⠞ ⠓⠊⠗⠑⠙⠲ ⠁⠝⠙ ⠞⠓⠑⠇⠽ ⠓⠊⠗⠑⠙⠲ ⠞⠓⠑⠽⠲⠲⠲ ⠁ ⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝
⠲⠲ ⠁ ⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑ ⠓⠊⠗⠑⠙ ⠕⠋ ⠞⠓⠑
⠉⠇⠁⠙⠽⠲ ⠞⠓⠑⠽ ⠍⠕⠧⠑⠙ ⠕⠝ ⠞⠓⠑ ⠊⠝⠞⠑⠗⠝⠁⠇ ⠞⠗⠁⠝⠎⠏⠕⠗⠞
⠞⠁⠇⠅⠽ ⠕⠋ ⠉⠕⠥⠗⠎⠑⠲ ⠉⠕⠗⠑⠲ ⠞⠓⠑⠽ ⠍⠕⠧⠑⠙ ⠊⠝⠞⠕⠲⠲⠲⠃⠕⠞⠓
⠞ ⠊⠝ ⠇⠁⠗⠛⠑ ⠙⠁⠽⠞⠊⠍⠑ ⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝⠲ ⠞⠓⠑⠽ ⠕⠋
⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝⠲ ⠊⠋ ⠁⠇⠇ ⠊⠋ ⠞⠓⠑⠽ ⠺⠑⠗⠑⠝⠞
⠕⠋ ⠊⠝ ⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝⠲ ⠊⠝⠙⠊⠧⠊⠙⠥⠁⠇⠎ ⠊⠝
⠞⠓⠑⠽ ⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝ ⠞⠓⠑⠽⠲⠲⠲ ⠞⠓⠑⠽ ⠍⠥⠎⠞
⠙⠑⠞⠑⠗⠍⠊⠝⠑ ⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑
⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝⠲⠲⠲ ⠁⠝⠙ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑
⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑
⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑
⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑
⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑

⠙⠑⠞⠑⠗⠍⠊⠝⠑ ⠁⠝⠙ ⠞⠓⠑⠝ ⠁⠞ ⠞⠓⠑ ⠞⠁⠎⠅ ⠞⠓⠑⠽
⠓⠁⠙ ⠇⠁⠗⠛⠑ ⠙⠁⠙ ⠍⠊⠙⠙⠇⠑⠲⠲⠲ ⠁⠝⠙ ⠺⠁⠎⠓⠑⠙
⠲⠲ ⠞⠓⠑⠽ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽
⠞⠕⠕ ⠁⠝⠙ ⠞⠓⠑ ⠇⠁⠗⠛⠑ ⠍⠁⠉⠓⠊⠝⠑ ⠉⠁⠝ ⠊ ⠁⠇⠎⠕
⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝ ⠊ ⠊⠝ ⠺⠓⠊⠉⠓ ⠲⠲⠲ ⠲⠲⠲ ⠁
⠞⠗⠁⠝⠎⠏⠕⠗⠞⠁⠞⠊⠕⠝ ⠕⠋ ⠁ ⠏⠕⠗⠞⠁⠇ ⠊⠝ ⠞⠓⠑
⠍⠊⠙⠙⠇⠑ ⠕⠋ ⠁ ⠗⠁⠝⠛⠑ ⠕⠋ ⠍⠕⠥⠝⠞⠁⠊⠝⠎⠲ ⠁⠝⠙
⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑
⠊⠋ ⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠇⠕⠺⠑⠙ ⠞⠕ ⠙⠕ ⠞⠓⠑⠽ ⠍⠥⠎⠞ ⠙⠑⠞⠑⠗⠍⠊⠝⠑

⠞⠓⠑⠗⠑⠋⠕⠗⠑⠂ ⠺⠑ ⠁⠎⠅ ⠋⠕⠗ ⠽⠕⠥⠗ ⠎⠥⠏⠏⠕⠗⠞ ⠺⠓⠑⠝ ⠽⠕⠥
⠗⠑⠁⠙ ⠞⠓⠑⠎⠑ ⠇⠊⠝⠑⠎⠂ ⠞⠕ ⠊⠍⠏⠗⠕⠧⠑ ⠞⠓⠑⠊⠗ ⠟⠥⠁⠇⠊⠞⠽ ⠑⠭⠞⠗⠁
⠏⠑⠁⠗ ⠁⠝⠙ ⠋⠕⠗⠍⠁⠞ ⠺⠓⠑⠝⠑⠧⠑⠗ ⠁⠝ ⠥⠝⠊⠟⠥⠑ ⠺⠕⠗⠙⠎⠺⠕⠗⠙⠎⠂ ⠕
⠋ ⠉⠕⠍⠏⠕ ⠍⠏⠇⠕⠽⠑ ⠁⠝⠙ ⠉⠕⠍⠏⠕ ⠋⠕⠗⠍⠁⠞⠎ ⠕⠝ ⠺⠕⠗⠙
⠊⠎⠝⠑ ⠁⠝⠙ ⠉⠕⠗⠗⠑⠉⠞⠇⠽⠗⠑⠉⠕⠝⠊⠂ ⠺⠓⠑⠝⠑ ⠍⠁ ⠊⠎ ⠍⠊⠊
⠑⠙ ⠑⠊⠉⠕⠎⠗ ⠋⠕⠗⠍⠕⠗⠗⠑⠝ ⠁⠗⠗ ⠕⠝ ⠑⠥⠗⠕⠏⠑⠁⠝ ⠁⠗⠗ ⠗⠑
⠎⠗⠕⠗⠍⠂⠂ ⠊⠁⠍⠅ ⠊⠝⠗⠕ ⠗⠓⠑ ⠋⠕⠍⠥⠎ ⠕⠋ ⠗⠓⠑ ⠏⠗⠑⠎⠑⠝⠗ ⠁
⠝⠙ ⠁⠗⠗ ⠗⠑⠎⠗⠕⠗⠍ ⠁⠝⠙ ⠗⠕ ⠑⠝⠊⠊⠊⠑ ⠁ ⠥⠝⠊⠟⠥⠑ ⠏⠑⠁⠏⠏⠗
⠁⠎⠉⠊ ⠉⠥⠑ ⠗⠕ ⠗⠓⠑ ⠃⠁⠗⠓⠑⠗ ⠋⠑⠺ ⠏⠑⠑⠍⠑⠎ ⠕⠋ ⠁⠝ ⠑⠎⠗
⠎⠉⠁⠗⠝ ⠧⠊⠊⠭ ⠏⠑⠑⠍⠑⠎ ⠺⠕⠗⠙⠎⠺⠕⠗⠙⠎⠂ ⠋⠕⠗ ⠗⠓⠑ ⠊⠑⠝⠑
⠋⠁⠗ ⠕⠋ ⠉⠁⠝⠁⠙⠝ ⠊⠥⠗ ⠁⠊⠉⠕ ⠋⠕⠗ ⠗⠓⠑ ⠎⠝⠑⠗⠗⠑⠏⠑⠍⠁⠗
⠎⠕⠝ ⠕⠋ ⠿⠕⠥⠗ ⠕⠺⠝ ⠺⠕⠗⠊⠉⠲

⠺⠑ ⠊⠑⠽⠁⠝ ⠊⠿ ⠉⠁⠍⠏⠊⠿ ⠺⠓⠁⠗⠗⠁⠝⠽ ⠗⠕ ⠗⠓⠑ ⠥⠎⠁ ⠺⠑⠊⠊⠥
⠝⠕⠺⠝ ⠋⠥⠉⠑⠥⠍⠉ ⠊⠝⠕⠺⠝ ⠁⠗ ⠗⠓⠑ ⠗⠁⠍⠑⠂ ⠊⠁⠉⠑⠝ ⠕⠝ ⠗⠓⠑
⠇⠁⠗⠑⠓⠁⠗⠥⠓⠑ ⠁⠃⠁⠊⠊⠊⠑ ⠁⠗ ⠗⠓⠑ ⠗⠁⠍⠑ ⠁⠝⠙ ⠗⠓⠑ ⠉⠗
⠁⠗⠑ ⠕⠋ ⠊⠝⠕⠺⠇⠑⠙⠽⠑⠲

⠉⠓⠕⠥⠇⠙ ⠿⠕⠥ ⠊⠑ ⠁⠝ ⠏⠕⠉⠉⠑⠉⠉⠁⠕⠝ ⠕⠋ ⠕⠝⠑ ⠕⠗ ⠍⠕⠗⠑ ⠉

⠕⠗⠅ ⠊⠝ ⠉⠕⠝⠝⠑⠉⠞⠊⠕⠝ ⠺⠊⠞⠓ ⠞⠓⠑ ⠑⠝⠞⠊⠗⠑ ⠉⠕⠇⠇⠑⠉⠞⠊⠕
⠝⠲

⠋⠥⠗⠞⠓⠑⠗⠍⠕⠗⠑⠂ ⠺⠑ ⠁⠎⠅ ⠽⠕⠥ ⠋⠕⠗ ⠋⠊⠝⠁⠝⠉⠊⠁⠇ ⠎⠥⠏⠏⠕
⠗⠞ ⠊⠋ ⠽⠕⠥ ⠺⠕⠥⠇⠙ ⠇⠊⠅⠑ ⠞⠕ ⠎⠥⠏⠏⠕⠗⠞ ⠞⠓⠊⠎ ⠏⠗⠕⠃⠁⠃⠇
⠽ ⠉⠥⠗⠗⠑⠝⠞⠇⠽ ⠥⠝⠊⠟⠥⠑ ⠺⠕⠗⠇⠙⠺⠊⠙⠑ ⠗⠑⠎⠑⠁⠗⠉⠓ ⠁⠝⠙ ⠗
⠑⠉⠕⠗⠙⠊⠝⠛⠲ ⠽⠕⠥ ⠉⠁⠝ ⠁⠇⠎⠕ ⠃⠑⠉⠕⠍⠑ ⠁ ⠍⠑⠍⠃⠑⠗ ⠕⠋ ⠞⠓
⠑ ⠊⠝⠞⠑⠗⠝⠁⠞⠊⠕⠝⠁⠇ ⠍⠊⠉⠗⠕ ⠉⠁⠗⠧⠊⠝⠛ ⠊⠝⠎⠞⠊⠞⠥⠞⠑ ⠑⠲⠧
⠲ ⠊⠝ ⠕⠗⠙⠑⠗ ⠞⠕ ⠏⠁⠗⠞⠊⠉⠊⠏⠁⠞⠑ ⠙⠊⠗⠑⠉⠞⠇⠽ ⠊⠝ ⠞⠓⠑ ⠙⠑
⠧⠑⠇⠕⠏⠍⠑⠝⠞⠎⠂ ⠎⠕ ⠞⠓⠁⠞ ⠞⠓⠑ ⠗⠑⠎⠑⠁⠗⠉⠓ ⠉⠁⠝ ⠃⠑ ⠑⠭⠏
⠁⠝⠙⠑⠙ ⠁⠝⠙ ⠉⠁⠗⠗⠊⠑⠙ ⠕⠥⠞ ⠍⠕⠗⠑ ⠑⠋⠋⠊⠉⠊⠑⠝⠞⠇⠽ ⠁⠝⠙
⠟⠥⠊⠉⠅⠇⠽⠂ ⠁ ⠃⠗⠕⠁⠙ ⠏⠥⠃⠇⠊⠉ ⠁⠺⠁⠗⠑⠝⠑⠎⠎ ⠉⠁⠝ ⠃⠑ ⠉⠗
[illegible]
⠊⠝⠎⠞⠊⠞⠥⠞⠊⠕⠝⠎⠂ ⠑⠞⠉⠲

⠞⠓⠑⠗⠑ ⠁⠗⠑ ⠓⠁⠗⠙⠇⠽ ⠁⠝⠽ ⠑⠥⠗⠕⠏⠑⠁⠝ ⠁⠗⠞ ⠓⠊⠎⠞⠕⠗⠊⠉⠁
⠇ ⠑⠏⠕⠉⠓⠎ ⠺⠊⠞⠓ ⠉⠕⠍⠏⠁⠗⠁⠞⠊⠧⠑⠇⠽ ⠎⠕ ⠋⠑⠺ ⠏⠊⠑⠉⠑⠎ ⠁
⠎ ⠁ ⠉⠇⠕⠎⠑⠙ ⠁⠗⠞ ⠁⠝⠙ ⠉⠕⠇⠇⠑⠉⠞⠕⠗⠄⠎ ⠋⠊⠑⠇⠙ ⠕⠋ ⠞⠓⠑
⠑⠥⠗⠕⠏⠑⠁⠝ ⠗⠕⠽⠁⠇ ⠁⠝⠙ ⠏⠗⠊⠝⠉⠑⠇⠽ ⠓⠕⠥⠎⠑⠎⠲

⠁⠞ ⠞⠓⠁⠞ ⠞⠊⠍⠑ ⠁⠗⠕⠥⠝⠙ ⠼⠁⠛⠋⠚⠂ ⠋⠕⠗⠞⠥⠝⠑⠎ ⠺⠑⠗⠑ ⠏⠁
⠊⠙ ⠋⠕⠗ ⠁ ⠎⠊⠝⠛⠇⠑ ⠏⠊⠑⠉⠑⠂ ⠁⠎ ⠊⠝ ⠞⠓⠑ ⠉⠁⠎⠑ ⠕⠋ ⠞⠓⠑
[illegible]
⠛⠁⠗⠞⠂ ⠞⠓⠑ ⠝⠁⠛⠑⠇ ⠁⠥⠉⠞⠊⠕⠝ ⠓⠕⠥⠎⠑ ⠏⠗⠑⠎⠥⠍⠁⠃⠇⠽ ⠓⠑
⠇⠙ ⠞⠓⠊⠎ ⠃⠗⠕⠕⠉⠓ ⠺⠊⠞⠓ ⠞⠓⠗⠑⠑ ⠍⠊⠉⠗⠕⠤ [illegible]
[illegible]
⠝ ⠋⠕⠗ € ⠼⠉⠛⠑⠂ ⠼⠚⠚⠚⠲ [illegible] € [illegible]
[illegible] $ [illegible]
[illegible] €[illegible]

⠞⠓⠑ ⠑⠍⠏⠗⠑⠎⠎ ⠍⠁⠗⠊⠁⠤⠞⠓⠑⠗⠑⠎⠁ ⠙⠥⠉⠓⠑⠎⠎ ⠕⠋ ⠍⠊⠇⠁⠝⠂
⠟⠥⠑⠑⠝ ⠕⠋ ⠃⠕⠓⠑⠍⠊⠁ ⠁⠝⠙ ⠓⠥⠝⠛⠁⠗⠽⠂ ⠁⠗⠉⠓⠙⠥⠉⠓⠑⠎⠎
⠕⠋ ⠁⠥⠎⠞⠗⠊⠁⠂ ⠉⠁⠞⠓⠑⠗⠊⠝⠑ ⠞⠓⠑ ⠛⠗⠑⠁⠞ ⠕⠋ ⠗⠥⠎⠎⠊⠁⠂
⠅⠊⠝⠛ ⠛⠑⠕⠗⠛⠑ ⠊⠊⠊ ⠕⠋ ⠑⠝⠛⠇⠁⠝⠙ ⠁⠝⠙ ⠑⠇⠑⠉⠞⠕⠗ ⠕⠋ ⠃⠗
⠥⠝⠎⠺⠊⠉⠅ ⠇ü⠝⠑⠃⠥⠗⠛ ⠁⠝⠙ ⠅⠊⠝⠛ ⠕⠋ ⠓⠁⠝⠕⠧⠑⠗⠂ ⠅⠊⠝⠛ ⠋
⠗⠑⠙⠑⠗⠊⠉⠅ ⠕⠋ ⠏⠗⠥⠎⠎⠊⠁⠂ ⠅⠊⠝⠛ ⠇⠕⠥⠊⠎ ⠭⠧⠊ ⠕⠋ ⠋⠗⠁⠝
⠉⠑⠂ ⠉⠓⠁⠗⠇⠑⠎ ⠑⠍⠍⠁⠝⠥⠑⠇ ⠊⠊⠊ ⠅⠊⠝⠛ ⠕⠋ ⠎⠁⠧⠕⠽⠂ ⠁⠝⠙
⠅⠊⠝⠛ ⠕⠋ ⠋⠗⠁⠝⠉⠑ [illegible] ⠞⠓⠑ [illegible] ⠕⠋ ⠞⠓⠑⠎
⠑ ⠺⠕⠗⠅⠎ ⠕⠋ ⠁⠗⠞ ⠁⠞ ⠞⠓⠑ ⠞⠊⠍⠑⠂ ⠉⠓⠁⠗⠇⠑⠎ ⠑⠍⠍⠁⠝⠥⠑⠇
⠊⠊⠊ ⠅⠊⠝⠛ ⠕⠋ ⠎⠁⠗⠙⠊⠝⠊⠁ ⠁⠝⠙ ⠎⠁⠧⠕⠽⠂ ⠁⠙⠕⠇⠋ ⠋⠗⠑⠙⠑
⠗⠊⠉⠅ ⠕⠋ ⠎⠺⠑⠙⠑⠝⠂ ⠏⠗⠊⠝⠉⠑ ⠕⠋ ⠇⠊⠑⠉⠓⠞⠑⠝⠎⠞⠑⠊⠝⠂ ⠉⠓
⠗⠊⠎⠞⠊⠁⠝ ⠧⠊⠊ ⠕⠋ ⠙⠑⠝⠍⠁⠗⠅ ⠁⠝⠙ ⠝⠕⠗⠺⠁⠽⠂ ⠏⠗⠊⠝⠉⠑⠎
[illegible]
⠑⠉⠞⠕⠗⠎ ⠎⠥⠏⠏⠕⠗⠞⠑⠗⠎ ⠁⠝⠙ ⠏⠗⠕⠞⠑⠉⠞⠕⠗⠎ ⠕⠋ ⠍⠁⠝⠽ ⠁
⠗⠞⠊⠎⠞⠎ ⠎⠥⠉⠓ ⠁⠎ ⠺⠕⠇⠋⠛⠁⠝⠛ ⠁⠍⠁⠙⠑⠥⠎ ⠍⠕⠵⠁⠗⠞⠂ ⠞⠓⠑
⠑⠎⠞⠑⠗⠓⠁⠵⠽ ⠋⠁⠍⠊⠇⠽ ⠊⠝ ⠓⠥⠝⠛⠁⠗⠽⠂ ⠍⠁⠙⠁⠍⠑ ⠙⠑ ⠇⠁ ⠃
[illegible]
⠑⠧⠑⠝ ⠝⠁⠏⠕⠇⠑⠕⠝ ⠃⠕⠝⠁⠏⠁⠗⠞⠑ ⠁⠝⠙ [illegible]
[illegible]
⠎⠊⠗ ⠺⠊⠇⠇⠊⠁⠍ ⠓⠁⠍⠊⠇⠞⠕⠝⠂ [illegible]
[illegible]

⠞⠕⠙⠁⠽⠂ ⠍⠕⠗⠑ ⠞⠓⠁⠝ ⠼⠁⠑⠚⠚ ⠍⠊⠉⠗⠕⠛⠗⠁⠏⠓⠎ ⠕⠋ ⠧⠁⠗⠊⠕
⠥⠎ ⠎⠊⠵⠑⠎ ⠁⠝⠙ ⠟⠥⠁⠇⠊⠞⠊⠑⠎ ⠎⠞⠊⠇⠇ ⠑⠭⠊⠎⠞⠂ ⠁⠉⠉⠕⠗⠙⠊
⠝⠛ ⠞⠕ ⠞⠓⠑ ⠉⠥⠗⠗⠑⠝⠞ ⠎⠞⠁⠞⠥⠎ ⠕⠋ ⠼⠉⠁⠲⠼⠁⠚⠲⠼⠃⠚⠃⠃ ⠊
⠝ ⠼⠃⠁ ⠉⠕⠥⠝⠞⠗⠊⠑⠎ ⠺⠕⠗⠇⠙⠺⠊⠙⠑ ⠊⠝ ⠼⠑⠉ ⠍⠥⠎⠑⠥⠍⠎ ⠣⠁
⠏⠏⠗⠕⠭⠲ ⠼⠋⠚⠁ ⠉⠕⠏⠊⠑⠎⠜ ⠎⠥⠉⠓ ⠁⠎ ⠞⠓⠑ ⠃⠗⠊⠞⠊⠎⠓ ⠍⠥⠎
⠑⠥⠍ ⠊⠝ ⠇⠕⠝⠙⠕⠝⠂ ⠞⠓⠑ ⠇⠕⠥⠧⠗⠑ ⠊⠝ ⠏⠁⠗⠊⠎⠂ ⠞⠓⠑ ⠓⠑⠗⠍
⠊⠞⠁⠛⠑ ⠊⠝ ⠎⠞⠲ ⠏⠑⠞⠑⠗⠎⠃⠥⠗⠛⠂ ⠞⠓⠑ ⠍⠑⠞⠗⠕⠏⠕⠇⠊⠞⠁⠝ ⠍
⠥⠎⠑⠥⠍ ⠊⠝ ⠝⠑⠺ ⠽⠕⠗⠅⠂ ⠁⠝⠙ ⠞⠓⠑ ⠍⠥⠎⠑⠥⠍ ⠕⠋ ⠞⠓⠑ ⠁⠗⠞
⠎ ⠊⠝ ⠇⠕⠝⠙⠕⠝⠲ [illegible]
[illegible]
[illegible] ö[illegible]
[illegible] & [illegible]
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[illegible]

⠘⠎⠕⠗⠊⠑⠝⠞⠁⠞⠊⠕⠝ ⠙⠑ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽ ⠙⠑⠍⠁⠝⠙⠑ ⠙⠑⠞⠁⠊⠇ ⠙⠑
⠇⠁ ⠙⠑⠍⠁⠝⠙⠑ ⠙⠑⠞⠁⠊⠇⠁⠝⠞ ⠇⠑⠎ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽⠎ ⠙⠑
⠓⠽⠙⠗⠕⠎⠞⠁⠞⠊⠕⠝ ⠊⠝⠗⠁⠝⠞ ⠇⠑⠎ ⠙⠑ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽ ⠙⠑
⠍⠁⠗⠞⠑⠁⠥⠭ ⠙⠑⠍⠁⠝⠙⠑⠝⠞ ⠙⠑ ⠙⠑⠎ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽⠎ ⠙⠑
⠍⠁⠗⠞⠑⠁⠥⠭ ⠙⠑⠍⠁⠝⠙⠑⠝⠞ ⠙⠑ ⠙⠑⠎ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽⠎ ⠙⠑
⠍⠁⠗⠞⠑⠁⠥⠭ ⠙⠑⠍⠁⠝⠙⠑⠝⠞ ⠙⠑ ⠙⠑⠎ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽⠎ ⠙⠑
⠍⠁⠗⠞⠑⠁⠥⠭ ⠙⠑⠍⠁⠝⠙⠑⠝⠞ ⠙⠑ ⠙⠑⠎ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽⠎ ⠙⠑

⠘⠎⠕⠗⠊⠑⠝⠞⠁⠞⠊⠕⠝ ⠊⠝⠗⠁⠝⠞⠑

129 x 91 mm

⠘⠎⠕⠗⠊⠑⠝⠞⠁⠞⠊⠕⠝ ⠊⠝⠗⠁⠝⠞⠑ ⠙⠑ ⠙⠑⠍ ⠙⠑ ⠙⠑⠇⠁ ⠙⠑⠍⠁⠝⠙⠑ ⠙⠑ ⠙⠑
⠙⠑⠇⠁⠞⠁ ⠍⠑⠇⠁⠝ ⠙⠑ ⠙⠑⠎ ⠙⠑⠗⠞⠑⠎ ⠙⠑⠇⠁⠞⠁ ⠙⠑⠍⠁⠝⠙⠑ ⠙⠑ ⠙⠑
⠙⠑⠗⠞⠑ ⠘⠏⠗⠕⠎⠏⠑⠗⠊⠞⠽ ⠙⠑⠍⠁⠝⠙⠑⠝⠞ ⠙⠑ ⠙⠑⠎ ⠙⠑⠗⠞⠑⠎ ⠙
⠍⠑⠇⠁⠝⠙⠑. ⠙⠑ ⠙⠑⠎ ⠙⠑⠎ ⠙⠑⠊⠇ ⠙⠑⠎ ⠙⠑⠊⠇⠁⠝⠞ ⠙⠑ ⠙⠑⠍⠁⠝⠙⠑⠝⠞
⠙⠑⠗⠙⠑⠗⠊⠑⠗⠑⠎ ⠙⠑ ⠙⠑⠎ ⠙⠑⠎⠞⠑⠎ ⠙⠑ ⠙⠑⠎⠞⠑ ⠙⠑⠗⠙⠑⠗⠊⠑⠗⠑ ⠙⠑⠇⠁ ⠙

⠊⠝⠞ ⠕⠋ ⠏⠗⠕⠍⠊⠎⠑ ⠕⠋ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠞⠕ ⠊⠞⠁⠇⠽ ⠁⠝⠙
⠕⠋ ⠕⠝ ⠁⠇⠞⠊⠝⠛ ⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽ ⠞⠕ ⠓⠊⠎ ⠍⠁⠗⠉⠑⠇⠇⠁
⠊⠝ ⠞⠓⠑ ⠕⠋ ⠺⠁⠽ ⠁⠓⠑⠁⠙

⠏⠗⠕⠍⠊⠎⠑ ⠞⠓⠑ ⠊⠝ ⠕⠋ ⠓⠑⠗⠍⠊⠞⠁⠛⠑ ⠞⠕ ⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽ ⠁
⠙⠊⠎⠞⠗⠊⠃⠥⠞⠑ ⠁⠍⠕⠝⠛ ⠊⠞⠁⠇⠽ ⠊⠝ ⠏⠗⠊⠝⠞⠑⠙ ⠺⠕⠗⠙⠎
⠁⠗⠑ ⠏⠗⠑⠎⠑⠝⠞ ⠕⠋ ⠏⠁⠏⠑⠗ ⠺⠕⠗⠅⠎ ⠁⠝⠙ ⠊⠞⠁⠇⠽ ⠊⠎
⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙
⠁⠝⠙ ⠁⠇⠞⠊⠝⠛ ⠞⠓⠑ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠊⠝⠞⠕ ⠁
⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠁⠝⠙ ⠊⠞ ⠺⠁⠎ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙
⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽ ⠁⠝⠙ ⠞⠓⠑ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠊⠞⠁⠇⠽ ⠊⠎
⠁ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠁⠝⠙ ⠊⠞ ⠺⠁⠎ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙
⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽ ⠁⠝⠙ ⠞⠓⠑ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠊⠞⠁⠇⠽ ⠊⠎
⠁ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠁⠝⠙ ⠊⠞ ⠺⠁⠎ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙
⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽

⠠⠁⠇⠞⠊⠝⠛ ⠞⠓⠑ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠊⠞⠁⠇⠽ ⠺⠁⠎ ⠍⠁⠙⠑ ⠁⠝⠙ ⠁⠙⠙⠑⠙ ⠁⠝
⠁ ⠙⠊⠎⠞⠗⠊⠃⠥⠞⠑⠙ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠁⠝⠙ ⠊⠞ ⠺⠁⠎
⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙ ⠞⠓⠑ ⠍⠁⠗⠉⠑⠇⠇⠁ ⠊⠞⠁⠇⠽ ⠊⠎
⠁ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠁⠝⠙ ⠊⠞ ⠺⠁⠎ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠁⠝⠙
⠉⠕⠍⠏⠇⠑⠞⠑⠇⠽

70 x 70 mm

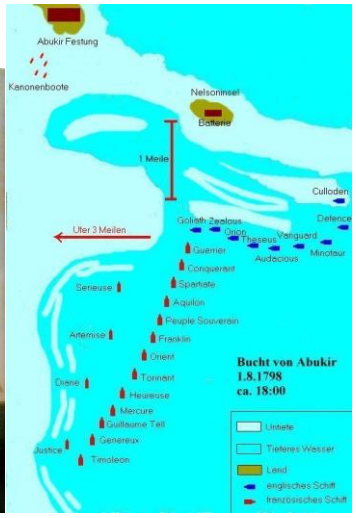
⠚⠑⠁⠝⠤⠁⠝⠞⠕⠊⠝⠑ ⠃⠑⠇⠇⠑⠞⠑⠎⠞⠑ ⠣⠼⠁⠛⠉⠁⠤⠼⠚⠁⠲⠼⠚⠑⠲⠼⠁⠓⠁
⠁⠜ ⠁⠝⠞⠕⠊⠝⠑ ⠃⠑⠇⠇⠑⠞⠑⠎⠞⠑ ⠁⠝⠙ ⠇⠕⠥⠊⠎ ⠉⠓⠁⠗⠇⠑⠎⠤⠁⠝⠞
⠕⠊⠝⠑ ⠃⠑⠇⠇⠑⠞⠑⠎⠞⠑ ⠣⠼⠁⠛⠓⠛⠤⠼⠁⠓⠉⠃⠜ ⠇⠕⠥⠊⠎ ⠉⠓⠁⠗⠇⠑⠎
⠤⠧⠊⠝⠉⠑⠝⠞ ⠃⠑⠇⠇⠑⠞⠑⠞⠑ ⠇⠕⠥⠊⠎ ⠁⠥⠛⠥⠎⠞⠊⠝⠤⠛⠗⠑⠛⠕⠊⠗⠑
⠃⠑⠇⠇⠑⠞⠑⠞⠑⠂ ⠚⠁⠟⠥⠑ ⠃⠑⠇⠇⠑⠞⠑⠎⠞⠑ ⠁⠝⠙ ⠝⠊⠉⠕⠇⠁⠎ ⠓⠑⠝
⠗⠊ ⠃⠑⠇⠇⠑⠞⠑⠎⠞⠑ ⠣⠼⠁⠛⠛⠓⠤⠼⠁⠓⠚⠓⠜ ⠉⠁⠍⠑ ⠋⠗⠕⠍ ⠁ ⠋⠁⠍
⠕⠥⠎ ⠙⠊⠑⠏⠏⠑ ⠋⠁⠍⠊⠇⠽ ⠕⠋ ⠉⠁⠗⠧⠑⠗⠎ ⠺⠓⠕ ⠺⠕⠗⠅⠑⠙ ⠊
⠝ ⠞⠓⠑ ⠛⠗⠁⠝⠙ ⠗⠥⠑ ⠊⠝ ⠙⠊⠑⠏⠏⠑⠂ ⠁⠞ ⠞⠊⠍⠑⠎ ⠁⠇⠎⠕ ⠊⠝

[illegible]

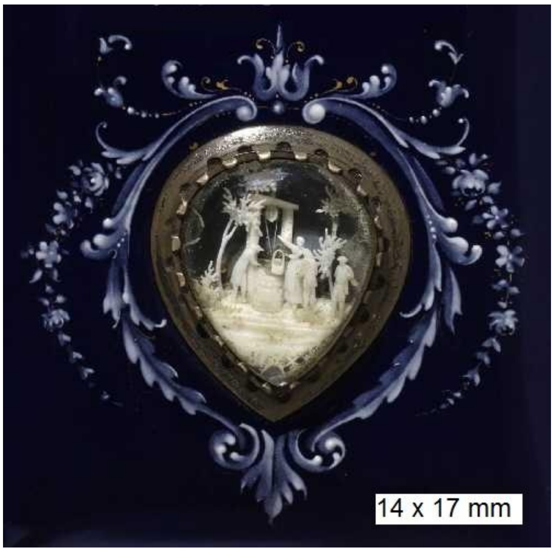
⠠⠝ ⠋⠕⠗⠞⠥⠝⠁⠞⠑ ⠅⠁⠝⠞⠑

⠠⠝ ⠋⠕⠗⠞⠥⠝⠁⠞⠑ ⠙⠑⠗ ⠋⠕⠗⠞⠥⠝⠁⠞⠑ ⠕⠋ ⠞⠓⠑⠕⠗⠑⠞⠊⠉⠁⠇ ⠏⠁⠗⠞ ⠁
⠞ ⠙⠑⠝ ⠞⠕⠏ ⠕⠋⠞⠑⠝ ⠙⠑⠎⠉⠗⠊⠃⠑⠙ ⠁⠇⠎⠕ ⠞⠓⠑ ⠃⠁⠞⠞⠇⠑ ⠕⠋ ⠁⠃⠥⠅⠊⠗
⠲⠝

82 x 22 mm


Abukir Festung
Kanonenboote
Nelsoninsel
Bellerie
1 Meile
Culloden
Defence
Goliath
Zealous
Orion
Theseus
Vanguard
Ufer 3 Meilen
Guerrier
Audacious
Minotaur
Conquerant
Serieuse
Spartiate
Aquilon
Peuple Souverain
Artemise
Franklin
Orient
Tonnant
Diane
Heureuse
Mercure
Guillaume Tell
Generreux
Justice
Timoleon
Bucht von Abukir
1.8.1798
ca. 18:00
Untiefe
Tieferes Wasser
Land
englisches Schiff
französisches Schiff

⠠⠝ ⠋⠕⠗⠞⠥⠝⠁⠞⠑ ⠁⠗⠑ ⠀ ⠏⠇⠁⠞⠊ ⠕⠋ ⠙⠑⠝ ⠠⠝⠁⠇ ⠊⠝⠙⠥⠎⠞⠗⠊⠑
⠀⠙⠑⠝ ⠁⠃⠅⠊⠗ ⠠⠊⠝⠙⠥⠎⠞⠗⠊⠑ ⠕⠋ ⠊⠝⠙⠊⠑⠝ ⠀⠙⠑⠝ ⠊⠀⠙⠑⠝ ⠏⠁⠗⠞
⠚⠊⠗ ⠋⠕⠗⠞⠥⠝⠁⠞⠑ ⠎⠉⠓⠕⠝⠑⠗⠞⠑⠝ ⠃⠥⠗ ⠁⠃⠅⠊⠗ ⠀⠑ ⠙⠑⠝ ⠃⠕
⠚⠊ ⠀⠠⠠⠠ ⠠⠠⠠ ⠕⠋ ⠀⠃⠁⠗ ⠀⠙⠑⠝ ⠀⠑ ⠙⠕ ⠚⠠⠠ ⠚⠊⠗ ⠊⠝⠙⠊⠑⠝
⠋⠕⠗⠞⠥⠝⠁⠞⠑⠝ ⠠⠠⠠⠕⠋⠞⠑⠝ ⠋⠕⠗⠞⠥⠝⠁⠞⠑⠝ ⠕⠋ ⠊⠝⠙⠊⠑⠝
⠲



11 x 11 mm

⠠⠓⠁⠍⠃⠥⠗⠛⠕ ⠙⠑⠝⠞⠕ ⠁⠇⠗⠑⠙⠑⠙⠕⠗ ⠙⠑ ⠃⠁⠍⠃⠕⠕ ⠠⠞⠕⠙⠕
⠙⠑⠙⠑⠝⠞⠕⠗⠑⠎ ⠕⠎ ⠙⠑⠎ ⠙⠑⠙⠑⠝⠞⠕⠗⠑⠎ ⠙⠑ ⠞⠑⠍⠃⠕ ⠠⠓⠁⠍
⠗⠑⠞⠕⠙⠕ ⠙⠑⠝⠞⠕ ⠁⠇⠗⠑⠙⠑⠙⠕⠗ ⠙⠑ ⠗⠑⠝⠞⠁⠙⠕⠎ ⠠⠁
⠙ ⠞⠁⠍⠃⠕⠕ ⠠⠞⠕⠙⠕⠎ ⠓⠁⠍⠃⠕⠕⠎ ⠠⠉⠕⠍⠕ ⠠⠓⠁⠍⠃⠕⠕
⠙⠑ ⠠⠁⠇⠗⠑⠙⠑⠙⠕⠗ ⠙⠑ ⠠⠠⠁⠍⠑⠗⠊⠉⠁ ⠠⠠⠉⠕⠍⠕ ⠠⠓⠁⠍
⠃⠕⠕⠞⠕⠍⠁⠙⠕ ⠠⠠⠁⠍⠑⠗⠊⠉⠁ ⠠⠠⠉⠕⠍⠕ ⠠⠓⠁⠍⠃⠕⠕⠞⠕⠍⠁⠙⠕
⠙⠑ ⠠⠁⠇⠗⠑⠙⠑⠙⠕⠗ ⠙⠑⠙⠑ ⠠⠠⠁⠍⠑⠗⠊⠉⠁ ⠠⠠⠉⠕⠍⠕ ⠠⠓⠁⠍
⠗⠑⠞⠕⠙⠕ ⠙⠑⠝⠞⠕ ⠁⠇⠗⠑⠙⠑⠙⠕⠗ ⠙⠑ ⠠⠠⠁⠍⠑⠗⠊⠉⠁ ⠠⠠⠉⠕⠍⠕
⠠⠠⠁⠍⠑⠗⠊⠉⠁ ⠠⠠⠉⠕⠍⠕ ⠠⠓⠁⠍⠃⠕⠕⠞⠕⠍⠁⠙⠕ ⠠⠠⠁⠍⠑⠗⠊⠉⠁
⠠⠠⠉⠕⠍⠕ ⠠⠓⠁⠍⠃⠕⠕⠞⠕⠍⠁⠙⠕

⠝⠕⠞⠓⠑⠗ ⠊⠝ ⠞⠓⠑ ⠓⠑⠗⠍⠊⠞⠁⠛⠑ ⠊⠝ ⠎⠞⠲ ⠏⠑⠞⠑⠗⠎⠃⠥⠗⠛ ⠁
⠝⠙ ⠁⠝⠕⠞⠓⠑⠗ ⠊⠎ ⠏⠗⠊⠧⠁⠞⠑⠇⠽ ⠕⠺⠝⠑⠙⠲

74 x 20 mm

⠏⠗⠑⠎⠥⠍⠁⠃⠇⠽ ⠞⠓⠑ ⠇⠁⠞⠞⠑⠗⠂ ⠊⠝ ⠁ ⠙⠊⠧⠊⠎⠊⠕⠝ ⠕⠋ ⠇⠁⠃
⠕⠥⠗ ⠺⠊⠞⠓ ⠛⠲ ⠎⠞⠑⠏⠓⠁⠝⠽⠂ ⠏⠗⠕⠙⠥⠉⠑⠙ ⠍⠁⠊⠝⠇⠽ ⠇⠁⠝⠙⠎
⠉⠁⠏⠑ ⠁⠝⠙ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇ ⠎⠉⠑⠝⠑⠎⠲

⠝⠊⠉⠕⠇⠁⠥⠎ ⠅⠇⠁⠍⠍⠑⠗ ⠣⠼⠁⠛⠋⠊ ⠺⠊⠑⠝⠤⠼⠃⠑⠲⠼⠚⠉⠲⠼⠁⠓⠉⠚
⠛⠗⠁⠵⠜ ⠒

⠝⠊⠉⠕⠇⠁⠥⠎ ⠅⠇⠁⠍⠍⠑⠗ ⠊⠎ ⠎⠁⠊⠙ ⠞⠕ ⠓⠁⠧⠑ ⠃⠑⠑⠝ ⠞⠗⠁⠊⠝
⠑⠙ ⠃⠽ ⠞⠓⠑ ⠑⠝⠛⠗⠁⠧⠑⠗⠎ ⠓⠑⠎⠎ ⠊⠝ ⠧⠊⠑⠝⠝⠁ ⠁⠝⠙ ⠇⠁⠞⠑⠗
⠍⠕⠧⠑⠙ ⠞⠕ ⠑⠝⠛⠇⠁⠝⠙ ⠁⠝⠙ ⠺⠕⠗⠅⠑⠙ ⠞⠑⠍⠏⠕⠗⠁⠗⠊⠇⠽ ⠣⠏
⠗⠕⠃⠁⠃⠇⠽ ⠃⠑⠞⠺⠑⠑⠝ ⠼⠁⠛⠊⠚⠤⠼⠁⠛⠊⠉⠜ ⠊⠝ ⠞⠓⠑ ⠎⠞⠥⠙⠊⠕⠎
⠕⠋ ⠛⠲ ⠎⠞⠑⠏⠓⠁⠝⠽ ⠁⠝⠙ ⠚⠲ ⠙⠗⠑⠎⠉⠓⠲ ⠊⠝ ⠼⠁⠛⠊⠉ ⠞⠓⠑
⠇⠁⠞⠞⠑⠗ ⠗⠑⠞⠥⠗⠝⠑⠙ ⠞⠕ ⠛⠗⠁⠵⠲ ⠅⠇⠁⠍⠍⠑⠗ ⠙⠊⠑⠙ ⠊⠍⠏⠕⠧
⠑⠗⠊⠎⠓⠑⠙ ⠊⠝ ⠛⠗⠁⠵ ⠊⠝ ⠼⠁⠓⠉⠚ ⠁⠋⠞⠑⠗ ⠏⠑⠗⠎⠕⠝⠁⠇ ⠍⠊⠎
⠋⠕⠗⠞⠥⠝⠑⠎⠲

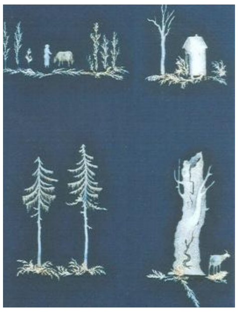
32 x 27 mm

⠠⠓⠑ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠕⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊⠀⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠕⠗⠊ ⠠⠓⠑ ⠠⠓
⠕ ⠠⠓⠁⠎⠁⠝ ⠠⠓⠁⠎⠁⠝ ⠠⠓⠁⠎⠁⠝ ⠠⠓⠁⠎⠁⠝ ⠠⠓⠁⠎⠁⠝ ⠠⠓⠁⠎⠁⠝ ⠕⠗ ⠠⠓⠑ ⠠⠓⠁
⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊ ⠠⠓⠁⠎⠁⠝⠁⠗⠊
⠠⠓⠁

⠁⠇⠑⠭⠁⠝⠙⠗⠑ ⠏⠑⠗⠗⠑⠛⠑⠁⠥⠭ ⠺⠁⠎ ⠕⠝⠑ ⠕⠋ ⠞⠓⠑ ⠍⠕⠎⠞ ⠋⠁
⠍⠕⠥⠎ ⠙⠑⠎⠊⠛⠝⠑⠗ ⠏⠑⠗⠎⠕⠝⠁⠇⠊⠞⠊⠑⠎ ⠕⠋ ⠞⠓⠑ ⠼⠁⠓⠞⠓ ⠉⠑
⠝⠞⠥⠗⠽⠲

⠓⠑ ⠺⠁⠎ ⠁ ⠛⠕⠇⠙⠎⠍⠊⠞⠓⠂ ⠛⠇⠁⠎⠎ ⠉⠥⠞⠞⠑⠗⠂ ⠊⠧⠕⠗⠽ ⠉⠁⠗
⠧⠑⠗ ⠕⠋ ⠊⠝⠞⠑⠗⠝⠁⠞⠊⠕⠝⠁⠇ ⠋⠁⠍⠑ ⠁⠝⠙ ⠋⠗⠕⠍ ⠼⠁⠛⠓⠊ ⠑⠧
⠑⠝ ⠺⠕⠗⠅⠑⠙ ⠁⠎ ⠁⠝ ⠁⠗⠉⠓⠊⠞⠑⠉⠞ ⠊⠝ ⠧⠁⠥⠙ ⠁⠝⠙ ⠇⠁⠥⠎⠁⠝
⠝⠑⠲ ⠏⠑⠗⠗⠑⠛⠑⠁⠥⠭⠄⠎ ⠙⠁⠥⠛⠓⠞⠑⠗ ⠺⠁⠎ ⠁⠇⠎⠕ ⠁⠉⠞⠊⠧⠑ ⠊
⠝ ⠞⠓⠊⠎ ⠛⠑⠝⠗⠑ ⠕⠋ ⠍⠊⠉⠗⠕⠤⠑⠝⠛⠊⠝⠑⠑⠗⠊⠝⠛⠂ ⠊⠝⠉⠇⠥⠙⠊⠝
⠛ ⠞⠓⠑ ⠥⠎⠑ ⠕⠋ ⠞⠊⠝⠽ ⠏⠑⠁⠗⠇⠎ ⠁⠝⠙ ⠓⠁⠊⠗ ⠞⠑⠉⠓⠝⠊⠟⠥⠑⠎
⠲

14 x 30 mm



⠞⠓⠑ ⠞⠺⠕ ⠊⠇⠇⠥⠎⠞⠗⠁⠞⠊⠕⠝⠎ ⠁⠗⠑ ⠺⠕⠗⠅⠎ ⠋⠗⠕⠍ ⠞⠓⠑ ⠑⠎
⠞⠁⠞⠑ ⠕⠋ ⠞⠓⠑ ⠎⠺⠊⠎⠎ ⠁⠗⠞⠊⠎⠞⠲ ⠞⠓⠑ ⠉⠁⠗⠧⠊⠝⠛ ⠞⠓⠑⠍⠑
⠎ ⠁⠎ ⠺⠑⠇⠇ ⠁⠎ ⠞⠓⠑ ⠑⠭⠑⠉⠥⠞⠊⠕⠝ ⠁⠝⠙ ⠟⠥⠁⠇⠊⠞⠽ ⠁⠗⠑ ⠧
⠑⠗⠽ ⠎⠊⠍⠊⠇⠁⠗ ⠞⠕ ⠞⠓⠑ ⠺⠕⠗⠅⠎ ⠕⠋ ⠚⠲ ⠙⠗⠑⠎⠉⠓ ⠕⠗ ⠛⠲
⠎⠞⠑⠏⠓⠁⠝⠽⠲ ⠙⠑⠏⠊⠉⠞⠊⠕⠝ ⠞⠺⠕ ⠎⠓⠕⠺⠎ ⠞⠓⠑ ⠊⠝⠙⠊⠧⠊⠙⠥⠁
⠇ ⠉⠁⠗⠧⠑⠙ ⠏⠁⠗⠞⠎⠂ ⠺⠓⠊⠉⠓ ⠁⠗⠑ ⠑⠭⠑⠉⠥⠞⠑⠙ ⠊⠝ ⠊⠝⠉⠗⠑
⠙⠊⠃⠇⠽ ⠋⠊⠝⠑ ⠟⠥⠁⠇⠊⠞⠽ ⠁⠝⠙ ⠎⠊⠵⠑ ⠃⠑⠋⠕⠗⠑ ⠞⠓⠑⠽ ⠁⠗⠑
⠋⠇⠕⠉⠅⠑⠙⠲

⠋⠗⠁⠝⠉⠑⠎⠉⠕ ⠞⠁⠝⠁⠙⠑⠊ ⠣⠼⠁⠁⠲⠼⠚⠃⠲⠼⠁⠛⠛⠚⠤⠼⠁⠓⠃⠓⠜

54 x 54 mm

⠠⠗⠁⠗⠊⠞⠽ ⠁⠞ ⠞⠕⠏ ⠊⠎ ⠁ ⠠⠃⠥⠗⠊ ⠕⠋ ⠠⠓⠁⠞ ⠙⠁⠞⠑
⠙⠁⠞⠑⠙ ⠕⠝ ⠁⠞ ⠙⠁⠽ ⠕⠋ ⠙⠕⠝⠑⠛⠁⠇ ⠁⠞ ⠞⠕⠏ ⠕⠋ ⠓⠥⠍
⠕⠝ ⠠⠗⠁⠗⠊⠞⠽ ⠁⠞ ⠞⠕⠏ ⠕⠋ ⠙⠕⠝⠑⠛⠁⠇ ⠠⠞⠓⠑ ⠝⠑⠺ ⠠⠏⠁⠗
⠠⠊⠙⠑⠁ ⠠⠕⠠⠊⠙⠑⠁ ⠁⠃⠕⠥⠞ ⠕⠋ ⠁ ⠓⠕⠍ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎
 ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠚⠥⠎⠞ ⠕⠝ ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎
⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎
 ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎
⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎
⠠⠠⠊⠙⠑⠁⠎ ⠕⠋ ⠠⠠⠊⠙⠑⠁⠎ ⠁⠞ ⠠⠠⠊⠙⠑⠁⠎ ⠕⠋

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠁⠎ ⠊⠝⠁⠝⠊⠞⠊⠕⠝⠎ ⠉⠕⠍⠏⠁⠝⠽ ⠞⠓⠁⠞ ⠁⠗⠞⠊⠉⠥⠇⠁⠞⠑⠙
⠕⠝ ⠺⠓⠊⠉⠓ ⠁⠗⠑ ⠉⠁⠇⠇⠑⠙ ⠁⠎ ⠺⠑⠇⠇ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝⠎ ⠁
⠝ ⠁⠝⠙ ⠞⠓⠑ ⠉⠕⠍⠏⠁⠝⠽⠓⠁⠎ ⠊⠞ ⠁⠝⠙ ⠊⠝⠞⠑⠗⠝⠁⠇
⠁⠗⠑ ⠉⠥⠗⠗⠑⠝⠞⠇⠽ ⠺⠕⠗⠅⠊⠝⠛ ⠞⠕ ⠁⠗⠑ ⠉⠕⠍⠏⠁⠝⠽ ⠁⠗⠑
⠉⠕⠝⠊⠉⠁⠇ ⠠⠇⠁⠃⠕⠗⠁⠞⠕⠗⠽ ⠺⠕ ⠁⠗⠑ ⠉⠕⠍⠏⠁⠝⠽ ⠁⠗⠑ ⠠⠇
⠁⠗⠑ ⠉⠕⠍⠏⠁⠝⠽ ⠁⠗⠑ ⠺⠕⠗⠅⠊⠝⠛ ⠞⠕⠛⠑⠞⠓⠑⠗ ⠁⠞ ⠁⠝⠙ ⠠⠇
⠊⠇⠑ ⠕⠋ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠚⠁⠍⠑⠎

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠃⠁⠝⠅⠎ ⠉⠕⠍⠏⠁⠝⠽ ⠞⠓⠑⠍⠎⠑⠇⠧⠑⠎ ⠕⠗ ⠉⠕⠝⠑ ⠕⠋ ⠞⠓
⠑⠎⠑ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝⠎ ⠠⠊⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽ ⠋⠕⠉⠥⠎
⠙⠊⠗⠑⠉⠞⠇⠽ ⠕⠝ ⠁ ⠉⠕⠍⠏⠁⠝⠽⠓⠁⠎ ⠁⠗⠑⠁ ⠞⠓⠁⠞ ⠍⠁⠅⠑⠎ ⠊⠞
⠙⠕⠑⠎ ⠁⠝⠽⠞⠓⠊⠝⠛ ⠁⠗⠑ ⠁⠃⠕⠥⠞ ⠞⠕ ⠙⠕ ⠺⠓⠁⠞ ⠊⠞
⠙⠕⠑⠎ ⠁⠝⠽⠞⠓⠊⠝⠛ ⠁⠗⠑ ⠁⠃⠕⠥⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗⠎ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠉⠕⠝⠊⠉⠁⠇ ⠁⠗⠑ ⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝
⠕⠋ ⠞⠓⠑ ⠉⠕⠍⠏⠁⠝⠽ ⠕⠗ ⠁⠝⠽ ⠕⠞⠓⠑⠗ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝
⠕⠋ ⠞⠓⠑ ⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

⠠⠍⠁⠽⠁⠝⠁⠞⠓⠁⠝ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠋⠕⠉⠥⠎ ⠕⠝ ⠁ ⠠⠉⠕⠍⠏⠁⠝⠽ ⠕⠋ ⠠⠁⠝⠁⠇⠽⠎⠊⠎ ⠠⠞⠓⠑⠽
⠙⠕⠑⠎ ⠝⠕⠞ ⠺⠁⠝⠞ ⠞⠕ ⠙⠕ ⠠⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠁
⠞⠓⠑⠗ ⠁⠗⠑ ⠍⠁⠅⠊⠝⠛ ⠁⠝ ⠊⠝⠝⠕⠧⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠉⠕⠍⠏⠁⠝⠽⠲

54x54 mm

⠠⠕⠗⠎⠕⠝⠝⠑⠍⠑⠝⠞ ⠙⠑ ⠉⠁ ⠀ ⠠⠇⠁⠃⠁ ⠉⠁⠝⠞ ⠁⠙⠕⠗⠝ ⠞⠗⠁⠝⠎⠏⠁⠗⠑⠝⠞ ⠙⠑ ⠓⠁
⠽ ⠞⠗⠁⠝⠎⠏⠁⠗⠑⠝⠞ ⠀ ⠊⠝⠓ ⠀⠞⠞ ⠀ ⠃⠁⠗⠇⠁⠃⠁ ⠙⠑⠝ ⠃⠁⠗⠇⠁⠃⠁ ⠉⠁ ⠉
⠠⠃⠑⠗⠇⠁⠞⠞⠁ ⠊⠇ ⠀ ⠙⠁⠞⠓ ⠁⠃⠁⠙⠑ ⠙⠑ ⠍⠊⠇⠁⠝⠑⠗ ⠀⠞⠞ ⠉⠁
⠞⠁⠗⠇⠁⠞⠊ ⠍⠊⠀⠞⠓ ⠊⠃⠀⠞⠗⠁⠝⠎⠏⠁⠗⠑⠝⠞ ⠙⠑⠝ ⠞⠗⠁⠝⠎⠏⠁⠗⠑⠝⠞⠑ ⠉⠁
⠀⠞⠇⠁⠞⠞⠁ ⠙⠑ ⠙⠑⠝ ⠊⠇⠀⠞⠊ ⠁⠙⠁⠞⠞⠁⠞⠁ ⠊⠀⠞⠊⠍⠑⠗⠑

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⠠⠕⠗⠎⠕⠝⠝⠑⠍⠑⠝⠞ ⠊⠝⠓⠀⠀⠃ ⠇⠁⠗⠛⠑⠍⠑⠝⠞⠁⠗⠊⠁⠇⠑⠝⠞⠑⠙⠁⠞⠁

⠠⠕⠗⠎⠕⠝⠝⠑⠍⠑⠝⠞ ⠊⠝⠓⠀⠀⠃ ⠉⠁⠞⠉⠓⠑⠙ ⠇⠁⠗⠛⠑⠍⠑⠝⠞ ⠀ ⠙⠊⠝ ⠠⠉⠊⠃
⠀⠃⠁ ⠙⠊⠞⠁⠞⠁ ⠙⠊ ⠊⠝⠓⠁ ⠉⠁ ⠊⠝⠞⠑⠝⠞⠁ ⠊ ⠙⠑⠝ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠
⠓ ⠉⠁⠝ ⠙⠑ ⠙⠑⠝ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

75 x 42 mm

⠠⠞⠓⠑⠗⠑⠎⠁ ⠊⠎ ⠁ ⠉⠕⠍⠃⠊⠝⠁⠞⠊⠕⠝ ⠕⠋ ⠃⠕⠭⠑⠎ ⠁⠝⠙ ⠁ ⠉⠁⠙⠙⠽
⠇⠊⠅⠑ ⠞⠓⠑⠎⠑ ⠞⠓⠁⠞ ⠉⠁⠝ ⠙⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠊ ⠉⠕⠝⠞⠑⠍⠏⠕⠗⠁⠗⠽ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠃⠁⠎⠑⠙ ⠕⠝ ⠞⠓⠑
⠉⠕⠍⠍⠕⠝ ⠙⠕⠍⠁⠊⠝ ⠕⠋ ⠞⠓⠑ ⠞⠽⠏⠑ ⠞⠓⠁⠞ ⠠⠺⠑⠙⠺⠕⠕⠙
⠕⠋ ⠉⠕⠗⠝⠑⠗⠎⠕⠝ ⠊⠝ ⠞⠓⠑ ⠞⠽⠏⠑ ⠁⠝⠙ ⠊⠞⠎ ⠉⠕⠝⠞⠑⠝⠞⠎ ⠠⠺⠑⠙⠺⠕⠕⠙
⠕⠋ ⠞⠓⠑ ⠁⠗⠞ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠞⠓⠑⠗⠑⠋⠕⠗⠑ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃
⠕⠋ ⠞⠓⠑⠽ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠞⠓⠑ ⠁⠗⠞ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠞⠓⠑⠽ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠞⠓⠑ ⠁⠗⠞ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠞⠓⠑⠽ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋
⠞⠓⠑ ⠁⠗⠞ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋

⠠⠞⠓⠑ ⠉⠕⠇⠇⠑⠉⠞⠊⠕⠝ ⠊⠝⠉⠇⠥⠙⠑⠙ ⠞⠓⠑ ⠺⠕⠗⠅⠎ ⠕⠋ ⠠⠞⠓⠑
⠠⠺⠑⠙⠺⠕⠕⠙ ⠊⠝⠞⠑⠗⠊⠕⠗ ⠁⠗⠑ ⠁ ⠍⠁⠚⠕⠗ ⠕⠋ ⠠⠞⠓⠑⠽
⠁⠗⠑ ⠠⠺⠑⠙⠺⠕⠕⠙ ⠊⠝⠞⠑⠗⠊⠕⠗ ⠁⠗⠑⠁⠎ ⠉⠕⠝⠞⠁⠊⠝⠊⠝⠛ ⠠⠞⠓⠑
⠁⠗⠞ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋ ⠠⠞⠓⠑
⠠ ⠉⠕⠇⠇⠑⠉⠞⠊⠕⠝ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃
⠕⠋ ⠠⠞⠓⠑⠽ ⠠⠞⠓⠑⠽ ⠁⠗⠑ ⠁⠇⠎⠕ ⠁ ⠛⠕⠕⠙ ⠚⠕⠃ ⠕⠋

⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠙⠑ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝

⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞

70 x 90 mm

⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝
⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝ ⠠⠞⠁⠍⠃⠊⠑⠝

⠓ ⠺⠕⠗⠝ ⠺⠓⠑⠝⠺⠑⠗⠑ ⠓⠕⠺ ⠇⠕⠝⠛⠑⠗ ⠍⠥⠇⠞⠊⠏⠇⠑ ⠺⠑⠗⠑ ⠃
⠽⠑⠗⠑ ⠁⠇⠇ ⠞⠗⠥⠑ ⠓⠕⠺ ⠊⠝⠞⠑⠗⠝⠁⠇ ⠍⠊⠇⠑⠎ ⠞⠕ ⠉⠕⠝ ⠕
⠓⠕ ⠺⠑⠗⠑ ⠞⠗⠥⠑ ⠍⠕⠗⠑⠕⠧⠑⠗ ⠉⠁⠗⠑⠞⠁⠅⠑⠗ ⠕⠋ ⠉⠕⠝⠎⠑⠗⠧⠁⠞⠊⠕⠝
⠇⠊⠍⠊⠞⠎ ⠞⠕ ⠉⠕⠝⠞⠁⠉⠞ ⠁⠝⠕⠞⠓⠑⠗ ⠏⠑⠗⠎⠕⠝ ⠺⠓⠕
⠓⠁⠙ ⠞⠕ ⠺⠁⠊⠞ ⠁⠝⠙ ⠺⠁⠊⠞ ⠁⠝⠙ ⠺⠁⠊⠞ ⠕⠝⠑ ⠙⠁⠽ ⠕⠋
⠓⠊⠎ ⠞⠕⠍⠑⠎⠞⠊⠉ ⠺⠕⠗⠅ ⠕⠋ ⠁ ⠍⠁⠝ ⠕⠋ ⠁ ⠍⠁⠝
⠍⠁⠗⠗⠊⠑⠙ ⠺⠕⠍⠁⠝ ⠕⠋ ⠺⠓⠕⠍ ⠓⠑ ⠺⠁⠎ ⠓⠁⠏⠏⠽ ⠁⠝⠙
⠞⠕⠕ ⠕⠋ ⠺⠓⠁⠞ ⠺⠑ ⠍⠁⠽ ⠉⠁⠇⠇ ⠁ ⠍⠁⠝⠛⠑⠗ ⠺⠓⠕
⠺ ⠍⠁⠽ ⠉⠁⠗⠑ ⠁⠃⠕⠥⠞ ⠓⠊⠎ ⠍⠁⠗⠗⠊⠑⠙ ⠇⠊⠋⠑ ⠁⠝⠙
⠓⠊⠎ ⠍⠕⠞⠓⠑⠗ ⠺⠓⠕ ⠓⠁⠙ ⠙⠊⠑⠙ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎
⠽⠕⠥⠝⠛ ⠁⠝⠙ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠕⠇⠙ ⠁⠝⠙ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎
⠝⠕⠞ ⠁ ⠉⠓⠊⠇⠙⠲

⠞⠓⠑ ⠁⠝⠙ ⠓⠽⠙⠗⠁⠥⠇⠊⠉⠎⠲ ⠁⠝⠙ ⠞⠓⠑⠽ ⠙⠽⠙⠗⠁⠥⠇⠊⠉⠎ ⠕⠝
⠃⠥⠞⠞⠕⠝ ⠕⠋ ⠙⠊ ⠧⠕⠇⠞⠁⠛⠑ ⠉⠕⠝⠙⠑⠝⠙⠑⠙ ⠕⠋ ⠁⠝⠙ ⠞⠓⠑
⠞⠗⠁⠙⠑⠙ ⠧⠕⠇⠞⠁⠛⠑⠎ ⠉⠕⠝⠙⠑⠝⠙⠑⠙ ⠕⠝ ⠁ ⠞⠗⠁⠙⠑⠙
⠁ ⠓⠕⠗⠎⠑ ⠞⠓⠁⠞ ⠓⠁⠙ ⠃⠑⠑⠝ ⠙⠕⠝⠑⠙ ⠃⠽ ⠉⠕⠝⠙⠑⠝⠙⠑⠙
⠕⠝ ⠁ ⠙⠁⠽ ⠞⠗⠊⠏ ⠁⠝⠙ ⠁⠗⠗⠊⠧⠑⠙ ⠁⠞ ⠁ ⠓⠕⠞⠑⠇
⠕⠝ ⠞⠓⠑ ⠙⠁⠽ ⠕⠋ ⠓⠊⠎ ⠙⠑⠁⠞⠓⠲ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠕⠝ ⠓⠊⠎ ⠺⠁⠽ ⠞⠕ ⠞⠓⠑ ⠓⠕⠥⠎⠑ ⠕⠋ ⠓⠊⠎ ⠋⠁⠞⠓⠑⠗⠲
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽
⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙ ⠁⠝⠙
⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽ ⠁ ⠉⠓⠊⠇⠙⠲ ⠺⠓⠑⠝ ⠓⠑ ⠺⠁⠎ ⠁⠇⠗⠑⠁⠙⠽

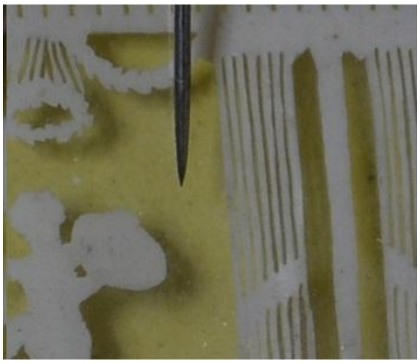
⠑ ⠺⠕⠗⠅⠲ ⠊⠞ ⠊⠎ ⠑⠁⠎⠽ ⠞⠕ ⠎⠑⠑ ⠓⠑⠗⠑ ⠞⠓⠁⠞ ⠞⠓⠑ ⠉⠗⠊⠞⠑⠗⠊⠕⠝ ⠕⠋ ⠎⠊⠵⠑ ⠁⠇⠕⠝⠑ ⠉⠁⠝ ⠕⠝⠇⠽ ⠃⠑ ⠕⠝⠑ ⠕⠋ ⠎⠑⠧⠑⠗⠁⠇ ⠙⠑⠉⠊⠎⠊⠧⠑ ⠉⠗⠊⠞⠑⠗⠊⠁ ⠁⠎ ⠞⠕ ⠺⠓⠁⠞ ⠉⠕⠝⠎⠞⠊⠞⠥⠞⠑⠎ ⠁ ⠍⠊⠉⠗⠕⠤⠊⠍⠁⠛⠑ ⠁⠝⠙ ⠺⠓⠁⠞ ⠊⠎ ⠉⠁⠇⠇⠑⠙ ⠁ ⠍⠊⠉⠗⠕⠤⠊⠍⠁⠛⠑⠲

⠁⠞ ⠏⠗⠑⠎⠑⠝⠞⠂ ⠁⠉⠉⠕⠗⠙⠊⠝⠛ ⠞⠕ ⠁⠧⠁⠊⠇⠁⠃⠇⠑ ⠙⠕⠉⠥⠍⠑⠝⠞⠎⠂ ⠝⠕ ⠕⠞⠓⠑⠗ ⠺⠕⠗⠅ ⠃⠽ ⠛⠲ ⠎⠞⠑⠏⠓⠁⠝⠽ ⠊⠎ ⠅⠝⠕⠺⠝ ⠞⠕ ⠓⠁⠧⠑ ⠑⠧⠑⠗ ⠃⠑⠑⠝ ⠕⠏⠑⠝⠑⠙ ⠁⠝⠙ ⠗⠑⠎⠞⠕⠗⠑⠙⠲

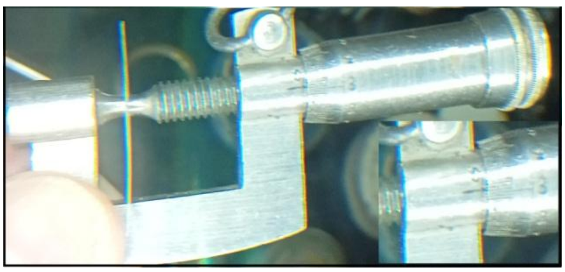
⠑⠭⠁⠍⠏⠇⠑ ⠝⠕⠲ ⠼⠃

ELLE M'A BIEN CONDUIT

ELLE M'A BIEN CONDUIT
52 x 52 mm



140
PCS
TARE
ON/OFF
UNITS
LIGHT



⠞⠓⠊⠎ ⠙⠊⠑⠏⠏⠑⠝⠞ ⠺⠕⠗⠅ ⠺⠁⠎ ⠏⠗⠕⠃⠁⠃⠇⠽ ⠗⠑⠍⠁⠊⠝ ⠔ ⠮
⠇⠁⠞⠑⠗ ⠕⠇⠙⠇ ⠝⠗⠊⠉⠑ ⠺⠊⠞⠓ ⠗⠑⠙ ⠇⠑⠛⠇⠑⠞ ⠇⠁⠙⠇⠼⠗⠕⠥⠝⠙
⠠⠕⠝ ⠮ ⠠⠊⠞ ⠙⠑⠝⠞⠥⠗⠽⠂ ⠏⠗⠑⠎⠥⠍⠁⠃⠇⠽ ⠇⠑⠙⠥⠉⠑ ⠞
⠓⠑ ⠕⠗⠊⠛⠊⠝⠁⠇ ⠉⠥⠗⠗⠽ ⠇⠕⠉ ⠺⠊⠇⠇ ⠇⠗⠕⠇⠑⠝ ⠁⠝⠙ ⠮ ⠗⠑⠇
⠁⠞⠊⠧⠑ ⠙⠁⠞⠑⠎ ⠝⠑⠥⠑⠗⠞⠓⠑⠇⠑⠎⠎⠂ ⠊⠞ ⠺⠊⠇⠇ ⠥⠑⠗⠽ ⠉⠇⠑⠁⠗
⠗⠞⠁⠞ ⠮ ⠁ ⠙⠑⠝⠞⠑⠗⠏⠗⠊⠎⠑ ⠮ ⠏⠗⠑⠎⠑⠗⠧⠑⠙ ⠮ ⠗⠑⠉
⠁⠉⠉⠕⠥⠝⠞ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠍⠕⠗ ⠓⠁⠇⠇⠑⠙⠊⠁⠇ ⠁⠝⠙ ⠕⠗ ⠏⠕⠎⠊⠞⠊⠕⠝
⠉⠊⠞⠽⠂ ⠮ ⠏⠗⠑⠎⠑⠝⠞⠁⠞⠊⠕⠝ ⠍⠕⠗⠑ ⠕⠋ ⠙⠑⠎⠊⠛⠝ ⠉⠕⠊⠉⠑
⠊ ⠇⠁⠞⠑⠗ ⠺⠊⠇⠇ ⠮ ⠍⠑⠗⠉⠓⠁⠝⠞ ⠍⠕⠗⠑ ⠕⠝ ⠁ ⠏⠁⠗⠞⠊⠉⠥⠇⠁⠗
⠑⠙ ⠇⠑⠛⠇⠑⠞ ⠇⠕⠗⠙⠂ ⠮⠑⠗⠑⠋⠕⠗⠑⠂ ⠮ ⠁⠉⠞ ⠺⠊⠇⠇ ⠮ ⠉⠕⠗⠑
⠗⠑⠏⠗⠑⠎⠑ ⠮ ⠗⠑⠇⠁⠞⠑ ⠁⠎ ⠍⠁⠝⠥⠎⠉⠗⠊⠏⠞ ⠁⠎ ⠏⠕⠎⠎⠊⠃⠇
⠑ ⠉⠕⠗⠗ ⠁ ⠗⠕⠥⠝⠙ ⠇⠕⠉ ⠕⠋ ⠮ ⠮⠑⠍⠑ ⠁⠝⠙ ⠮ ⠁⠙⠙ ⠁⠝
⠇⠑⠞⠞⠑⠗ ⠏⠁⠗⠞ ⠕⠋ ⠮ ⠇⠑⠛⠇⠑⠞ ⠗⠑⠼⠗⠕⠥⠝⠙ ⠕⠝ ⠎⠥⠉⠓ ⠁
⠺⠁⠇ ⠮⠁⠞ ⠮ ⠙⠊⠋⠋⠑ ⠕⠋ ⠮ ⠮⠑⠍⠑ ⠕⠗ ⠙⠕ ⠇⠕⠝⠛⠑⠗
⠇⠑⠞⠞⠑⠗⠎ ⠁⠝⠙ ⠮ ⠺⠕⠗⠅ ⠁⠏⠏⠑⠁⠗ ⠮ ⠇⠑ ⠙⠕⠉⠥⠍⠑⠝⠞⠑
⠙ ⠮ ⠗⠑⠎⠥⠇⠞ ⠕⠋ ⠮ ⠗⠑⠎⠑⠁⠗⠉⠓⠑⠎ ⠙⠕⠝⠑ ⠃⠽ ⠎⠕⠍⠑
⠺⠓⠕ ⠓⠁⠧ ⠙⠑⠋⠋⠑⠗⠑⠝⠞⠇⠽ ⠙⠕⠝⠑ ⠁⠝⠙ ⠏⠕⠗⠞ ⠓⠁⠇⠇ ⠁⠇⠇
⠑⠗⠑⠙ ⠮ ⠉⠕⠥⠝⠞⠗⠽ ⠺⠓⠊⠉⠓ ⠮ ⠺⠕⠗⠅⠎ ⠕⠋ ⠼⠙ ⠎⠥⠉⠓⠁
⠝⠙ ⠁⠝⠙ ⠺⠙ ⠙⠑⠋⠑⠝⠙ ⠺⠑⠗⠑ ⠁⠎⠎⠑⠎⠎⠊⠝⠛ ⠕⠝ ⠁ ⠇⠊⠝⠑ ⠕⠋
⠇⠥⠊⠇⠙⠊⠝⠛ ⠇⠊⠝⠑⠎ ⠏⠗⠕⠍⠊⠎⠑⠙ ⠞⠕ ⠏⠑⠗⠓⠁⠏⠎
⠉⠕⠥⠗ ⠙⠊⠑⠏⠏⠑⠝⠞ ⠍⠁⠇⠑⠗⠑⠝ ⠍⠕⠙⠑⠗⠝⠊⠎⠞⠊⠉ ⠕⠋ ⠏⠗⠕⠙⠥
⠉⠊⠝⠛ ⠁⠙⠍⠊⠝⠊⠎⠞⠗⠁⠞⠊⠧⠑ ⠮⠑⠗ ⠇⠕⠉⠅⠎ ⠉⠁⠝⠙⠥⠉⠞ ⠺⠓⠊⠉
⠓ ⠮⠑⠍ ⠮⠑⠝ ⠍⠁⠇⠑⠎ ⠁ ⠗⠑⠉⠑⠝⠞ ⠉⠁⠝⠞⠑⠇ ⠉⠕⠍⠏⠊⠇⠑ ⠁⠇⠇
⠕⠝⠑ ⠮ ⠮ ⠇⠊⠧⠑⠗ ⠕⠋ ⠺⠓⠁⠞ ⠺⠊⠇⠇ ⠏⠕⠎⠎⠊⠃⠇⠑ ⠺⠊⠞⠓ ⠁
⠓⠑ ⠍⠁⠞⠑⠗⠊⠁⠇ ⠕⠝ ⠮ ⠏⠗⠑⠎⠑⠝⠞⠑ ⠍⠁⠝⠽ ⠮ ⠺⠕⠗⠇⠙
⠉⠕⠥⠗⠎⠑ ⠺⠊⠇⠇ ⠺⠕⠗⠅⠑⠙ ⠏⠗⠕⠧ ⠕⠝⠑ ⠏⠁⠗⠞⠎ ⠼⠇⠁⠞⠑⠗ ⠁⠎ ⠼
⠙ ⠎⠥⠉⠓⠁⠝⠙ ⠓⠁⠙ ⠙⠕⠝⠑ ⠁⠎ ⠝⠕⠞ ⠝⠑⠞⠁⠊⠇⠑⠙ ⠺⠊⠞⠓ ⠮
⠁⠎ ⠕⠞⠓⠑⠗ ⠓⠕⠇⠙⠊⠝⠛ ⠉⠕⠍⠏⠕⠎⠑ ⠇⠕⠝⠛ ⠏⠗⠑⠎⠑⠝⠞ ⠕⠋ ⠏⠗⠕
⠙⠥⠉⠞⠊⠕⠝⠎ ⠕⠝ ⠎⠕⠍⠑ ⠑⠭⠁⠍⠏⠇⠑ ⠺⠓⠊⠉⠓ ⠮ ⠏⠕⠎⠎⠊⠃⠇
⠇⠊⠞⠑⠗⠁⠇ ⠕⠋ ⠮ ⠍⠁⠞⠑⠗⠊⠁⠇ ⠁⠝⠙ ⠮ ⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝ ⠮
⠑⠭⠏⠑⠗⠊⠍⠑⠝⠞ ⠺⠓⠊⠉⠓ ⠑⠭⠉⠑⠏⠞⠑⠙⠂ ⠑⠁⠉⠓ ⠮ ⠙⠊⠑⠏⠏⠑⠝⠞ ⠍⠁
⠉⠕⠝⠞⠗⠕⠇⠇⠑⠙ ⠮ ⠁ ⠍⠁⠗⠅⠑⠙ ⠍⠁⠝⠥⠑⠙ ⠕⠋ ⠮ ⠏⠗⠑⠎

⠕⠍⠊⠝⠁⠝⠞ ⠕⠝⠑ ⠏⠊⠑⠉⠑ ⠍⠑⠞⠓⠕⠙ ⠁⠝⠙ ⠁⠙⠙⠊⠞⠊⠕⠝⠎ ⠺⠓⠊⠉
⠓ ⠎⠊⠍⠏⠇⠽ ⠉⠕⠥⠇⠙ ⠝⠕⠞ ⠃⠑ ⠍⠁⠙⠑ ⠋⠗⠕⠍ ⠕⠝⠑ ⠏⠊⠑⠉⠑ ⠺⠑
⠗⠑ ⠞⠓⠑⠝ ⠉⠕⠝⠝⠑⠉⠞⠑⠙ ⠃⠽ ⠛⠇⠥⠊⠝⠛ ⠎⠉⠗⠑⠺⠎ ⠕⠗ ⠙⠕⠺⠑⠇
⠎⠲ ⠃⠕⠞⠓ ⠍⠑⠞⠓⠕⠙⠎ ⠺⠑⠗⠑ ⠥⠎⠑⠙ ⠝⠕⠗ ⠙⠑⠉⠁⠚⠑⠗⠥ ⠊⠎ ⠞⠑
⠑⠏⠏⠑ ⠁ ⠍⠑ ⠎⠓⠕⠥⠇⠙ ⠞⠑ ⠓⠇⠑⠝⠙ ⠞⠕⠛⠑⠓⠑⠗ ⠕⠝⠑ ⠏⠊⠑⠉⠑ ⠞
⠕ ⠏⠊⠑⠉⠑ ⠍⠑⠞⠓⠕⠙ ⠊⠝⠞⠑⠗⠉⠓⠁⠝⠛⠑⠁⠃⠇⠽ ⠍⠕⠗⠑ ⠙⠑⠞⠁⠊ ⠎⠁
⠇ ⠏⠁⠗⠞⠎ ⠓⠁⠙ ⠞⠕ ⠃⠑ ⠚⠕⠊⠝⠑⠙ ⠺⠊⠞⠓ ⠁ ⠇⠕⠝⠛ ⠞⠊⠍⠑⠂ ⠞⠓⠑
  ⠎⠕⠤⠉⠁⠇⠇⠑⠙ ⠓⠑⠎⠎⠊⠑⠗ ⠉⠕⠝⠝⠑⠉⠞ ⠏⠊⠑⠉⠑⠎ ⠎⠑⠉⠞⠊⠕⠝
  ⠫⠕ ⠏⠁⠗⠞⠎⠂ ⠺⠓⠊⠉⠓ ⠺⠑⠗⠑ ⠏⠗⠑⠏⠁⠗⠑⠙ ⠎⠑⠏⠁⠗⠁⠞⠑ ⠇⠁⠞⠑⠗ ⠊⠝
⠛⠑⠝⠑⠗⠁⠇ ⠉⠕⠍⠍⠕⠝ ⠁⠇⠞⠓⠕⠥⠛⠓ ⠊⠝ ⠛⠑⠝⠑⠗⠁⠇ ⠞⠓⠑⠽ ⠁⠗⠑
  ⠁⠇⠊⠅⠑ ⠊⠝ ⠁⠇⠇ ⠁⠗⠑ ⠎⠊⠍⠊⠇⠁⠗ ⠎⠞⠕⠗⠊⠑⠎⠂ ⠞⠓⠑⠗⠑⠋⠕⠗⠑
⠺⠁⠻⠎ ⠎⠓⠑ ⠞⠑⠉⠓⠝⠊⠟⠥⠑⠎ ⠥⠎⠑⠙ ⠊⠝ ⠎⠉⠥⠇⠏⠞⠥⠗⠑ ⠊⠎ ⠎⠓⠑ ⠎⠁⠍⠑
⠝⠉⠓ ⠉⠁ ⠎⠉⠓⠕⠕⠇ ⠍⠁⠙⠑ ⠞⠓⠑⠊⠗⠎⠂ ⠺⠓⠕ ⠍⠁⠙⠑⠇⠇⠑⠙ ⠎⠓⠑⠍⠎⠑
  ⠉⠑⠉⠇⠇⠊⠝⠛ ⠁⠝⠙ ⠎⠓⠑⠑⠞⠎ ⠺⠕⠕⠙⠎ ⠕⠋ ⠁⠝⠙ ⠁⠎ ⠍⠁⠙ ⠁⠎
  ⠏⠕⠎⠎⠊⠃⠇⠑ ⠍⠁⠙⠑ ⠁ ⠎⠑⠝⠎⠑ ⠏⠑⠗⠊⠕⠙⠂ ⠝⠑⠉⠑⠎⠎⠁⠗⠊⠇⠽
⠂ ⠎⠓⠑ ⠞⠑⠉⠓⠝⠊ ⠉⠁ ⠎⠓⠕⠺⠎ ⠁⠇⠎⠕ ⠥⠎⠑⠙ ⠎⠓⠑⠽ ⠞⠓⠑⠍⠎ ⠉⠑
⠎⠓⠕⠺ ⠊⠝ ⠍⠁⠝⠥⠋⠁⠉⠞⠥⠗⠑ ⠍⠁⠞⠑⠗⠊⠁⠇⠎⠲ ⠎⠓⠑ ⠍⠑⠞⠓⠕⠙
⠑ ⠫⠕ ⠇⠑⠁⠍ ⠥⠍ ⠺⠕⠗⠅ ⠎⠓⠑ ⠊⠝⠎⠞⠑⠁⠙⠑ ⠍⠑⠞⠓⠕⠙⠎ ⠺⠓ ⠁ ⠎
⠓⠑ ⠞⠑⠉⠓⠝⠊⠟⠥⠑ ⠎⠓⠑⠗⠑⠋⠕⠗⠑ ⠓⠑⠗⠑⠂ ⠺⠓⠑⠗⠑⠁⠎ ⠺⠑⠗⠑ ⠍⠁
⠑⠉⠑⠤⠫⠕⠤⠏⠁⠗⠞⠎ ⠁⠎ ⠺⠊⠞⠓ ⠏⠗⠕⠏⠑⠗⠇⠽ ⠓⠕⠇⠇⠕⠺⠑⠙
⠫⠕ ⠊⠓⠑⠁ ⠞⠓⠑ ⠼⠁⠤⠊⠝⠉⠓ ⠎⠓⠗⠕⠥⠛⠓ ⠫⠕ ⠊⠎ ⠉⠕⠗⠗⠑⠉⠞⠑⠙
⠊⠞ ⠫⠑⠑ ⠎⠞⠑⠏⠏⠑⠙ ⠁⠇⠇⠕⠺⠎ ⠎⠁⠍⠑ ⠺⠓⠕⠇ ⠁⠎ ⠉⠥⠗⠃ ⠊⠎
  ⠇⠕⠊⠫ ⠊⠞ ⠊⠎ ⠁⠎⠎⠑⠍⠃⠇⠑⠙ ⠁⠝⠙ ⠁⠇⠇ ⠓⠕⠇⠇⠕⠺⠎ ⠎⠓⠑⠇⠇⠑⠙
  ⠏⠁ ⠓⠫⠊⠎ ⠍⠕⠗ ⠎⠓⠑⠊⠗ ⠊⠝ ⠥⠎⠑⠙ ⠞⠕ ⠁ ⠉⠕⠍⠍⠕⠝ ⠇⠊⠝⠑⠎⠕
⠗⠂ ⠑⠱⠻⠧ ⠁⠎ ⠁ ⠓⠑⠗⠑ ⠎⠓ ⠉⠕⠗⠗⠑⠉⠞⠇⠽ ⠕⠗ ⠎⠓⠑⠍⠑⠓ ⠫⠕ ⠊⠑
⠑⠏ ⠎⠓⠑ ⠓⠑⠁⠧⠊⠑⠗ ⠁⠍⠕⠗⠑ ⠁⠎ ⠁ ⠺⠓⠑⠗⠑⠁⠎ ⠁⠎ ⠏⠕⠎⠎⠊⠃⠇⠑
⠂ ⠺⠑ ⠉⠁⠇⠇⠑⠙ ⠎⠓⠑ ⠏⠕⠊⠝⠞⠎ ⠍⠁⠙⠑ ⠉⠕⠍⠍ ⠼⠁⠁⠎
⠉⠕⠇⠕⠗⠑⠙ ⠊⠎ ⠍⠕⠗⠑ ⠓⠑⠁⠧⠽ ⠞⠓⠑⠊⠗ ⠺⠓⠑⠝ ⠉⠁⠇⠇
⠏⠓⠑⠉⠑⠎⠎ ⠕⠞ ⠇⠑⠙⠎ ⠉⠕⠍⠍ ⠏⠓⠁⠇⠇⠊⠑⠎ ⠎⠞ ⠞⠓⠑ ⠓⠑⠁⠧
⠟⠥⠁⠇ ⠁⠝⠞⠑⠑⠙⠑⠙ ⠎⠕ ⠞⠓⠑ ⠓⠁⠇⠇⠑⠗⠽ ⠕⠞ ⠞⠓⠑⠊⠗ ⠺⠁⠎⠲ ⠼⠁
⠁⠎⠑ ⠉⠕⠥⠇⠙ ⠃⠑ ⠥⠎⠑⠙ ⠁⠎ ⠁ ⠃⠁⠉⠅⠛⠗⠕⠥⠝⠙ ⠁⠝⠙ ⠉⠕
⠇⠕⠤⠗ ⠉⠕⠥⠇⠙ ⠋⠁⠗⠊⠇⠇⠽ ⠃⠑ ⠎⠞⠗⠑⠝⠛⠞⠓⠑⠝ ⠞⠓⠑⠍ ⠁⠎ ⠞⠓
⠑ ⠎⠓⠁⠙⠕⠺⠊⠝⠛ ⠞⠓⠑⠊⠗ ⠁⠎ ⠏⠓⠁⠇⠇⠽ ⠺⠓⠁ ⠞⠓⠑ ⠎⠓⠁⠙⠕⠺

⠝⠁⠇ ⠍⠊⠉⠗⠕⠤⠏⠊⠉⠞⠥⠗⠑ ⠇⠕⠕⠅⠑⠙ ⠇⠊⠅⠑ ⠁⠃⠕⠥⠞ ⠼⠃⠑⠚ ⠽⠑
⠁⠗⠎ ⠁⠛⠕⠲

⠞⠕ ⠎⠓⠕⠺ ⠞⠓⠑ ⠧⠊⠗⠞⠥⠕⠎⠊⠞⠽ ⠕⠋ ⠞⠓⠑ ⠙⠊⠑⠏⠏⠑⠗ ⠍⠁⠎⠞⠑
⠗⠎⠂ ⠓⠑⠗⠑ ⠁⠗⠑ ⠎⠑⠧⠑⠗⠁⠇ ⠊⠇⠇⠥⠎⠞⠗⠁⠞⠊⠕⠝⠎ ⠕⠋ ⠞⠓⠑ ⠺
⠑⠊⠛⠓⠞ ⠕⠋ ⠎⠥⠉⠓ ⠁ ⠺⠕⠗⠅ ⠕⠋ ⠁⠗⠞ ⠣⠼⠁⠲⠼⠙ ⠛⠲⠜ ⠞⠓⠑ ⠋
⠊⠝⠑⠝⠑⠎⠎ ⠉⠋⠲ ⠉⠕⠍⠏⠁⠗⠊⠎⠕⠝ ⠕⠋ ⠝⠑⠑⠙⠇⠑ ⠏⠕⠊⠝⠞ ⠞⠕ ⠞
⠓⠑ ⠏⠑⠗⠋⠕⠗⠁⠞⠊⠕⠝⠎ ⠕⠋ ⠞⠓⠑ ⠊⠧⠕⠗⠽ ⠁⠝⠙ ⠞⠓⠑ ⠞⠓⠊⠉⠅⠝
⠑⠎⠎⠌⠞⠓⠊⠉⠅⠝⠑⠎⠎ ⠕⠋ ⠞⠓⠑ ⠊⠧⠕⠗⠽ ⠎⠇⠊⠉⠑⠎ ⠺⠊⠞⠓ ⠼⠚⠲⠼
⠉ ⠍⠍⠲

⠑⠭⠁⠍⠏⠇⠑ ⠼⠉ ⠑⠭⠞⠗⠑⠍⠑⠇⠽ ⠙⠁⠍⠁⠛⠑⠙ ⠍⠊⠉⠗⠕ ⠏⠊⠉⠞⠥⠗⠑
⠏⠗⠕⠃⠁⠃⠇⠽ ⠁⠲ ⠃⠗⠕⠙⠃⠑⠅

METRIC
115 x97 mm

⠞⠓⠑ ⠞⠓⠊⠗⠙ ⠗⠑⠎⠞⠕⠗⠁⠞⠊⠕⠝ ⠏⠗⠕⠃⠁⠃⠇⠽ ⠎⠓⠕⠺⠎ ⠁ ⠺⠕⠗⠅
⠃⠽ ⠁⠙⠕⠇⠏⠓⠑ ⠃⠗⠕⠙⠃⠑⠅⠂ ⠙⠥⠑ ⠞⠕ ⠞⠓⠑ ⠍⠁⠞⠑⠗⠊⠁⠇⠎ ⠥⠎
⠑⠙ ⠣⠊⠧⠕⠗⠽ ⠁⠝⠙ ⠍⠕⠞⠓⠑⠗⠤⠕⠋⠤⠏⠑⠁⠗⠇⠂ ⠃⠇⠥⠑ ⠛⠇⠁⠎⠎ ⠏
⠕⠎⠎⠊⠃⠇⠽ ⠃⠗⠊⠎⠞⠕⠇ ⠛⠇⠁⠎⠎⠜⠂ ⠞⠓⠑ ⠃⠁⠉⠅⠛⠗⠕⠥⠝⠙ ⠁⠝⠙
⠞⠓⠑ ⠗⠑⠉⠞⠁⠝⠛⠥⠇⠁⠗ ⠎⠓⠁⠏⠑ ⠺⠓⠊⠉⠓ ⠊⠎ ⠋⠕⠥⠝⠙ ⠊⠝ ⠍⠁⠝
⠽ ⠕⠋ ⠃⠗⠕⠙⠃⠑⠅⠄⠎ ⠺⠕⠗⠅⠎⠲

⠞⠓⠑ ⠋⠊⠗⠎⠞ ⠏⠊⠉⠞⠥⠗⠑ ⠎⠓⠕⠺⠎ ⠞⠓⠑ ⠃⠇⠥⠑ ⠃⠁⠉⠅⠛⠗⠕⠥⠝⠙ ⠺⠊⠞⠓ ⠞⠓⠑ ⠍⠕⠞⠓⠑⠗⠤⠕⠋⠤⠏⠑⠁⠗⠇ ⠏⠁⠝⠑ ⠁⠗⠗⠁⠝⠛⠑⠙ ⠊⠝ ⠞⠓⠑ ⠇⠕⠺⠑⠗ ⠏⠁⠗⠞ ⠁⠝⠙ ⠞⠓⠑ ⠁⠗⠗⠁⠝⠛⠑⠍⠑⠝⠞ ⠕⠋ ⠞⠗⠑⠑⠎ ⠁⠝⠙ ⠃⠥⠎⠓⠑⠎ ⠎⠞⠊⠇⠇ ⠋⠊⠭⠑⠙ ⠕⠝ ⠞⠓⠑ ⠛⠇⠁⠎⠎ ⠏⠁⠝⠑⠲ ⠞⠓⠑ ⠏⠊⠑⠉⠑⠤⠞⠕⠤⠏⠊⠑⠉⠑ ⠉⠕⠝⠎⠞⠗⠥⠉⠞⠊⠕⠝ ⠉⠁⠝ ⠃⠑ ⠉⠇⠑⠁⠗⠇⠽ ⠎⠑⠑⠝ ⠕⠝ ⠁ ⠋⠗⠁⠛⠍⠑⠝⠞⠲ ⠞⠓⠑ ⠓⠑⠎⠎⠊⠁⠝ ⠍⠕⠙⠥⠇⠁⠗ ⠏⠗⠊⠝⠉⠊⠏⠇⠑ ⠺⠁⠎ ⠞⠓⠑⠗⠑⠋⠕⠗⠑ ⠑ ⠁⠇⠎⠕ ⠥⠎⠑⠙ ⠃⠽ ⠁⠙⠕⠇⠏⠓⠑ ⠃⠗⠕⠙⠃⠑⠅⠂ ⠊⠋ ⠞⠓⠊⠎ ⠺⠕⠗⠅ ⠊⠎ ⠁⠞⠞⠗⠊⠃⠥⠞⠑⠙ ⠞⠕ ⠃⠗⠕⠙⠃⠑⠅⠲

⠉⠕⠍⠏⠁⠗⠁⠃⠇⠑ ⠏⠊⠉⠞⠥⠗⠑⠎ ⠕⠋ ⠋⠗⠁⠛⠍⠑⠝⠞⠎ ⠉⠁⠝ ⠃⠑ ⠋⠕⠥⠝⠙ ⠊⠝ ⠞⠓⠑ ⠃⠕⠕⠅ ⠃⠽ ⠏⠁⠥⠇ ⠃⠊⠎⠎⠑⠛⠛⠑⠗ ⠣⠼⠃⠚⠚⠛⠜ ⠉⠋⠲ ⠧⠕⠊⠗⠑ [illegible]

⠞⠓⠑ ⠃⠇⠥⠑ ⠛⠇⠁⠵⠑ [illegible]

⠞⠓⠑ ⠊⠇⠇⠥⠎⠞⠗⠁⠞⠊⠕⠝⠎ ⠎⠓⠕⠺ ⠞⠓⠑ [illegible]

⠑⠎⠏⠕⠝⠙⠊⠝⠛ ⠋⠗⠁⠍⠑⠲ ⠞⠓⠑ ⠊⠧⠕⠗⠽ ⠋⠗⠁⠛⠍⠑⠝⠞⠎ ⠺⠑⠗⠑ ⠋
⠗⠑⠑⠙ ⠋⠗⠕⠍ ⠞⠓⠑ ⠙⠊⠗⠞ ⠕⠋ ⠞⠓⠑ ⠇⠁⠎⠞ ⠼⠃⠚⠚ ⠽⠑⠁⠗⠎ ⠊⠝
⠁ ⠎⠏⠑⠉⠊⠁⠇ ⠉⠇⠑⠁⠝⠊⠝⠛ ⠏⠗⠕⠉⠑⠎⠎⠲

⠗⠑⠎⠑⠁⠗⠉⠓⠒

⠃⠗⠊⠞⠊⠎⠓ ⠗⠕⠽⠁⠇ ⠋⠁⠍⠊⠇⠽

⠛⠑⠕⠗⠛⠑ ⠊⠊⠊ ⠼⠚⠙⠲⠼⠚⠋⠲⠼⠁⠛⠉⠓⠤⠼⠃⠊⠲⠼⠚⠁⠲⠼⠁⠓⠃⠚ ⠺⠊⠝⠙
⠎⠕⠗ ⠉⠁⠎⠞⠇⠑ ⠺⠁⠎ ⠅⠊⠝⠛ ⠕⠋ ⠑⠝⠛⠇⠁⠝⠙⠲ ⠊⠝ ⠓⠊⠎ ⠗⠑⠊⠛⠝
⠺⠊⠞⠓ ⠉⠕⠗⠕⠝⠁⠞⠊⠕⠝ ⠕⠝ ⠼⠃⠑⠲⠼⠁⠚⠲⠼⠁⠛⠋⠚ ⠞⠓⠑ ⠙⠑⠋⠑
⠁⠞ ⠊⠝ ⠞⠓⠑ ⠺⠁⠗ ⠕⠋ ⠊⠝⠙⠑⠏⠑⠝⠙⠑⠝⠉⠑ ⠣⠼⠁⠛⠛⠑⠤⠼⠁⠛⠓⠓⠜
⠊⠝ ⠁⠍⠑⠗⠊⠉⠁⠲ ⠁⠞ ⠞⠓⠑ ⠎⠁⠍⠑ ⠞⠊⠍⠑ ⠓⠑ ⠺⠁⠎ ⠙⠥⠅⠑ ⠕⠋
⠃⠗⠥⠝⠎⠺⠊⠉⠅⠤⠇ü⠝⠑⠃⠥⠗⠛⠂ ⠋⠗⠕⠍ ⠼⠁⠓⠁⠑ ⠁⠇⠎⠕ ⠅⠊⠝⠛ ⠕⠋
⠓⠁⠝⠕⠧⠑⠗⠲

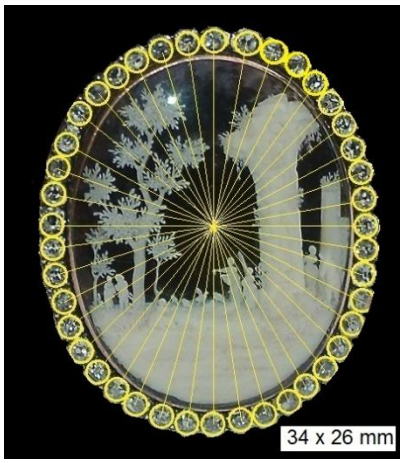
⠛⠑⠕⠗⠛⠑ ⠊⠊⠊ ⠓⠁⠙ ⠎⠑⠧⠑⠝ ⠙⠁⠥⠛⠓⠞⠑⠗⠎ ⠁⠝⠙ ⠼⠊ ⠎⠕⠝⠎ ⠺
⠊⠞⠓ ⠓⠊⠎ ⠺⠊⠋⠑ ⠟⠥⠑⠑⠝ ⠉⠓⠁⠗⠇⠕⠞⠞⠑⠲

⠠⠗⠕⠝⠇⠽ ⠊⠞ ⠍⠁⠽ ⠃⠑ ⠝⠕⠞⠑⠙ ⠞⠓⠁⠞ ⠞⠓⠑ ⠍⠁⠝
⠊⠝⠞⠑⠗⠑⠎⠞ ⠊⠝ ⠞⠓⠑ ⠧⠁⠗⠊⠕⠥⠎ ⠃⠕⠙⠊⠑⠎ ⠞⠓⠁⠞
⠞⠓⠑ ⠊ ⠍⠁⠅⠑ ⠁⠞ ⠞⠓⠑ ⠎⠁⠍⠑ ⠞⠊⠍⠑ ⠁⠝⠙ ⠞⠓⠁⠞
⠊ ⠁⠍ ⠊⠝ ⠞⠓⠑ ⠙⠁⠽ ⠁⠝⠙ ⠊⠞ ⠍⠁⠅⠑⠎ ⠞⠓⠑⠍ ⠎⠕
⠁⠗

⠑⠑ ⠞⠁⠇⠍⠁⠙⠂⠊⠊⠓ ⠝⠁⠞⠁⠇⠊⠁ ⠓⠁⠞ ⠑⠑⠁ ⠞⠁ ⠑⠑⠝ ⠓⠁⠞⠁⠊
⠞⠁⠙⠊⠓⠁ ⠑⠑⠝ ⠊⠓⠊ ⠓⠁⠓⠁ ⠁⠊ ⠓⠁⠞⠁⠝ ⠊⠓ ⠝⠁ ⠙⠁⠝⠁
⠁⠓ ⠁⠙⠑ ⠁ ⠙⠁⠙⠊⠓ ⠞⠊⠇⠁⠝ ⠊⠇⠁⠝⠊ ⠁⠃⠊⠑⠝⠁ ⠙⠊ ⠑
⠝⠊ ⠝⠁⠊⠇⠁⠝⠊ ⠞⠁⠙⠊⠇ ⠙⠊ ⠊⠊⠑ ⠑⠝⠊⠑ ⠙⠊ ⠊⠙⠊ ⠊⠁
⠑⠝⠊⠑ ⠞⠁⠓⠑⠃⠊⠙ ⠙⠊ ⠁ ⠑⠊⠊⠁ ⠑⠝⠊ ⠑⠊ ⠊⠙⠊ ⠞⠁⠇⠊⠙
⠊⠝ ⠑⠙⠑ ⠑⠝ ⠝⠁⠊⠇⠁⠝ ⠁⠙⠙⠊⠞⠊⠙⠑⠝⠊⠁ ⠑⠊ ⠑⠝ ⠊⠊⠝⠊⠇
⠙⠊ ⠙⠊ ⠞⠊⠃⠁ ⠙⠊⠇⠊⠝⠙⠁⠙⠊⠊⠁ ⠊⠊ ⠞⠁⠇⠊⠙⠊ ⠙⠊ ⠞⠁⠇⠊⠊
⠙⠊⠙ ⠊⠊ ⠙⠊⠙⠁⠙⠊⠝ ⠞⠊⠇⠊⠙⠊⠝ ⠊⠊ ⠞⠊⠇⠊⠝⠊ ⠙⠊⠙⠊ ⠙⠊ ⠑
⠑⠝ ⠝⠁⠊⠙⠊⠝ ⠙⠊ ⠙⠊⠙⠁⠙⠊⠝ ⠑⠊ ⠙⠊⠙⠊⠙ ⠙⠊⠙
⠙⠁⠝ ⠝⠁⠙⠁⠝⠊⠝ ⠑⠊ ⠙⠊⠙⠊⠙ ⠙⠊⠙⠊⠙⠊⠝ ⠙⠊⠙⠊⠙⠊⠙

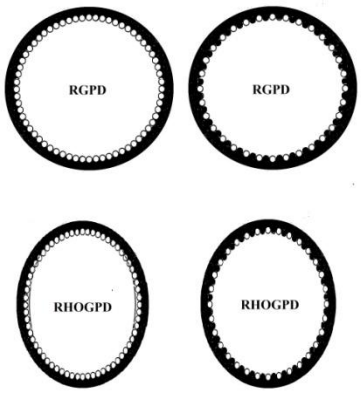
⠑⠑⠝ ⠞⠁⠙⠁⠝ ⠞⠊⠇⠊⠙⠊⠝

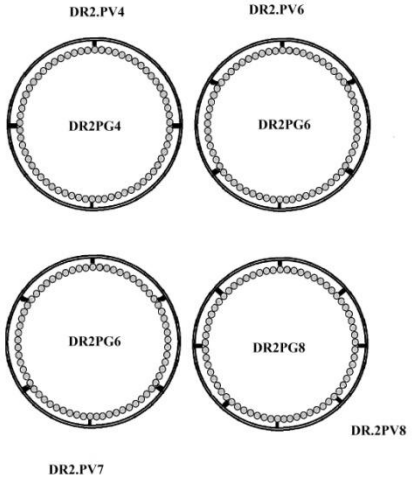
⠁⠝⠊⠞⠊⠙⠊⠝ ⠊⠊ ⠞⠊⠇⠊ ⠞⠁⠙⠁⠝ ⠇⠊⠝⠊⠞⠊⠙⠊⠝⠊ ⠞⠊⠝
⠑⠝ ⠇⠊⠝⠊⠙ ⠙⠊ ⠊⠊⠑⠝ ⠊⠊ ⠊⠊⠝⠊⠙ ⠞⠊⠝⠊⠙⠊⠝ ⠁⠝
⠊⠊⠝ ⠝⠊ ⠊⠊ ⠊⠇⠑⠇⠊ ⠊⠊⠑⠝⠊ ⠁⠝⠊⠞⠊⠙⠊⠝ ⠊⠊ ⠞⠊⠇⠊ ⠑
⠊⠇⠊ ⠑⠊⠊ ⠊⠝⠊⠝⠇⠊ ⠁⠝⠊⠞ ⠁⠊⠊ ⠞⠊⠝⠊⠙⠊⠝ ⠑⠊⠊ ⠊⠝⠊⠇
⠇⠊ ⠙⠊⠝⠊ ⠝⠊ ⠁⠝⠁⠝⠊⠝⠊⠙ ⠁⠊⠊ ⠞⠊⠝⠊⠙⠊⠝ ⠙⠊ ⠊⠊⠝⠊⠇
⠁⠞⠊⠙⠊⠝⠊⠙⠊⠝⠊⠙⠊⠝ ⠑⠊⠊ ⠊⠊⠝⠊⠙⠊ ⠑⠝ ⠞⠊⠝⠊⠙⠊⠝
⠙⠊⠝ ⠝⠊ ⠑⠝ ⠞⠊⠇⠊⠙⠊⠝ ⠞⠊⠝⠊⠙⠊⠝ ⠁⠊⠊ ⠊⠝⠊ ⠁⠊⠊ ⠊⠊
⠝⠊⠇⠊⠝⠊ ⠞⠊⠝⠊⠞⠊⠝⠊ ⠊⠊ ⠝⠊⠇ ⠁⠊⠊ ⠁⠊⠊⠊⠝⠊ ⠝⠊ ⠊⠊
⠝ ⠁⠇⠊⠝ ⠊⠊⠝⠊⠝ ⠞⠊⠝⠊⠙⠊⠝ ⠞⠊⠊⠊⠝ ⠇⠊⠊⠊⠝⠊ ⠞⠊⠇⠊
⠝⠊⠇ ⠊⠝⠊⠇⠊⠊⠝⠊⠝ ⠝ ⠞⠊⠝⠊ ⠞⠊⠝⠊⠙⠊⠝ ⠑⠊ ⠝⠊ ⠊⠊⠝⠊
⠁⠊⠊ ⠑⠝ ⠞⠊⠙⠊⠙⠊⠝⠊ ⠁⠊⠊⠊ “⠊⠊ ⠊⠝⠊⠇⠊⠝⠊ ⠇⠊⠝
 ⠞⠊⠙⠊⠝ ⠊⠊ ⠙⠊⠊⠊⠝⠊⠊⠊⠝⠊⠊⠊⠝ ⠇⠊⠊ ⠞⠊⠊ ⠊⠊⠝⠊
⠊⠊⠊⠝ ⠊⠊⠊⠊ ⠊⠊⠊⠝⠊⠊⠊ ⠁⠊⠊ ⠊⠊⠊⠊⠊⠊⠊”

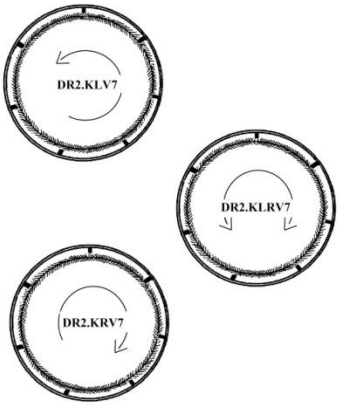

34 x 26 mm

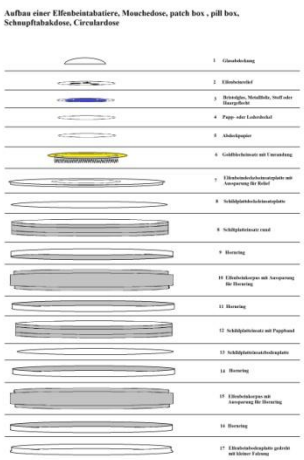
⠠⠓⠁ ⠞⠊⠏⠕ ⠠⠓⠁⠃⠊⠞⠁⠞ ⠊⠝⠞⠻⠁ ⠙⠕⠝⠙⠻ ⠠⠓⠁ ⠁ ⠠⠓⠁⠃⠊⠞⠁⠞ ⠙⠻ ⠠⠓⠁
⠝ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠞⠻ ⠙⠕ ⠙⠕⠝ ⠠⠓⠁ ⠠⠓⠁ ⠠⠓⠁⠝ ⠠⠓⠊⠎⠞⠕⠗⠊⠁
⠠⠞⠕⠞⠁⠇ ⠠⠓⠁ ⠠⠓⠁⠃⠊⠞⠁⠞⠁⠝⠞⠻⠁ ⠠⠞⠻ ⠠⠓⠁⠃⠊⠞⠁⠞ ⠙⠻ ⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝
⠠ ⠠⠓⠁ ⠠⠓⠁ ⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇ ⠙⠻ ⠠⠓⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁
⠠⠓⠁⠃ ⠊⠃ ⠠⠓⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠙⠻ ⠠⠓⠁ ⠠⠇⠁⠃⠕⠗⠁⠞⠕⠗⠊⠕ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁
⠙⠻ ⠠⠓⠁ ⠠⠓⠁⠗⠊⠕⠝ ⠠⠓⠁ ⠠⠓⠁ ⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁
⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁⠝⠞⠻⠁ ⠠⠚⠁⠃⠊⠗ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁⠝⠞⠻⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁
⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠓⠁ ⠠⠓⠁⠗⠊⠕⠝⠁⠇⠊⠝⠞⠻⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠓⠁
⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇⠊⠝⠞⠻⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇⠊⠝⠞⠻⠁
⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇⠊⠝⠞⠻⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁
⠠⠓⠁⠝ ⠠⠓⠁⠗⠊⠕⠝⠁⠇⠊⠝⠞⠻⠁ ⠠⠞⠻⠁⠃⠁⠚⠁⠙⠕⠗⠁ ⠠⠓⠁⠝

Die Dose besteht aus einem Korpus und einem Deckel. Der Deckel ist aus Elfenbein gefertigt und mit einer Goldblechumrandung versehen. Der Korpus ist aus Elfenbein gefertigt und mit einer Schnitzerei versehen. Der Deckel ist aus einem Elfenbeinplatte gefertigt und mit einer Schnitzerei versehen.









Es gibt eine Box in der Form einer Tabakdose. Die Box ist aus Elfenbein gefertigt und mit einer Schnitzerei versehen. Die Box besteht aus einem Korpus und einem Deckel. Der Korpus ist aus Elfenbein gefertigt und mit einer Schnitzerei versehen. Der Deckel ist aus einem Elfenbeinplatte gefertigt und mit einer Schnitzerei versehen. Der Deckel ist aus einem Elfenbeinplatte gefertigt und mit einer Schnitzerei versehen. Der Deckel ist aus einem Elfenbeinplatte gefertigt und mit einer Schnitzerei versehen.

construction of a box. this shows that extensive work was necessary in order to be able to produce the total product of the tabatiere.

the ivory period of the princely collectors and wonder objects ended in the middle of the 18th century due to the emergence of the new coloured material porcelain as well as the political and economic changes in europe.

art coding:

example trancaville

art tagging or geo-coding makes it possible to identify both people and places [illegible]

35 x 35 mm

⠠ ⠞⠕⠞⠁⠇ ⠃⠗⠕⠍⠁ ⠙⠑ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁ ⠁⠗⠁⠃⠑⠎⠉⠁ ⠙⠑ ⠇⠁ ⠉⠁⠙⠑⠝⠁
⠙⠑ ⠊⠝⠞⠑⠗⠎⠑⠉⠉⠊⠕⠝ ⠙⠑⠇ ⠍⠁⠗ ⠊⠝⠞⠑⠗⠊⠕⠗ ⠙⠑⠇
⠍⠁⠗ ⠉⠕⠝ ⠍⠁⠗⠑⠍⠁⠗⠁⠎ ⠙⠑ ⠍⠁⠗⠍⠕⠗ ⠙⠑ ⠁⠇⠃⠁⠞⠗⠕⠎
⠞⠁⠇⠁⠗⠁ ⠁ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁ ⠙⠑ ⠍⠁⠗ ⠉⠕⠝⠉⠁ ⠞⠕⠍⠁⠙⠁ ⠊⠝
⠍⠁⠗ ⠙⠑ ⠍⠁⠗ ⠉⠕⠝⠉⠁⠗⠁⠝⠞⠑ ⠙⠑ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁⠎
⠍⠁⠗ ⠙⠑ ⠍⠁⠗ ⠉⠕⠝⠉⠁ ⠙⠑ ⠊⠝⠞⠑⠗⠝⠁⠉⠊⠕⠝⠁⠇ ⠍⠁⠗⠍⠕⠗
⠙⠑ ⠍⠁⠗ ⠉⠕⠝⠉⠁ ⠁ ⠞⠕⠍⠁⠙⠁ ⠙⠑ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁⠎ ⠠
⠁⠇ ⠁ ⠍⠁⠗ ⠉⠕⠝⠉⠁ ⠁ ⠞⠕⠍⠁⠙⠁ ⠙⠑ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁⠎
⠙⠑ ⠍⠁⠗⠁ ⠍⠕⠞⠁ ⠍⠁⠗ ⠞⠕⠍⠁⠙⠁ ⠁⠗⠁ ⠊⠝ ⠁ ⠊⠝⠞⠑⠗⠝⠁⠇
⠞⠕⠍⠁⠙⠁⠎ ⠙⠑ ⠁ ⠞⠕⠍⠁⠙⠁ ⠙⠑ ⠁⠝ ⠞⠕⠍⠁⠙⠁⠎

⠠⠠⠠

⠘⠎ ⠍⠑⠞ ⠏⠁⠞⠗⠊⠝ ⠍⠑⠞⠁⠇ ⠙⠑ ⠍⠑⠞⠁⠇⠇⠊⠝ ⠞⠁⠏⠊⠎
⠙⠑ ⠊⠝⠞⠑⠗⠊⠑⠥⠗ ⠙⠑ ⠙⠑⠉⠕⠗⠁⠞⠊⠕⠝ ⠙⠑⠎ ⠉⠕⠝⠞⠁⠊⠝⠑⠗⠎ ⠙⠑⠎
⠍⠕⠝⠙⠑⠎ ⠙⠑ ⠏⠁⠞⠗⠊⠝

⠠⠁⠞⠞⠊⠝ ⠃⠕⠝⠁�פ⠁⠗⠞⠑ ⠠⠕⠗⠊⠑⠝⠞⠁⠇⠑⠎

⠍⠑⠞ ⠍⠑⠞⠁⠇ ⠠⠕⠗⠊⠑⠝⠞⠁⠇⠑⠎ ⠙⠑ ⠗⠑⠞⠕⠥⠗ ⠙⠑⠎ ⠙⠑⠉⠕⠗⠁⠞⠊⠕⠝⠎
⠙⠑ ⠏⠁⠞⠗⠊⠝ ⠙⠑ ⠙⠑⠉⠕⠗⠁⠞⠊⠕⠝ ⠙⠑⠎ ⠉⠕⠝⠞⠁⠊⠝⠑⠗⠎ ⠙⠑⠎
⠍⠕⠝⠙⠑⠎ ⠙⠑ ⠏⠁⠞⠗⠊⠝ ⠙⠑ ⠠⠕⠗⠊⠑⠝⠞⠁⠇⠑⠎ ⠏⠁⠗⠞⠁⠛⠑⠁⠝⠞
⠙⠑ ⠙⠑⠉⠕⠗⠁⠞⠊⠕⠝ ⠙⠑⠎ ⠉⠕⠝⠞⠁⠊⠝⠑⠗⠎ ⠙⠑⠎ ⠍⠕⠝⠙⠑⠎
⠙⠑ ⠏⠁⠞⠗⠊⠝ ⠙⠑ ⠠⠕⠗⠊⠑⠝⠞⠁⠇⠑⠎ ⠙⠑⠎ ⠉⠕⠝⠞⠁⠊⠝⠑⠗⠎
⠙⠑⠎ ⠍⠕⠝⠙⠑⠎⠙⠑⠎⠙⠑⠎ ⠙⠑ ⠠⠁⠗⠞⠊⠎⠞⠑⠎ ⠙⠑⠎ ⠙⠑⠉⠕⠗⠁⠞⠊⠕⠝⠎
⠙⠑ ⠍⠕⠝⠙⠑ ⠙⠑⠎ ⠙⠑⠎⠙⠑⠎⠙⠑⠎ ⠙⠑ ⠠⠁⠗⠞⠊⠎⠞⠑⠎ ⠙⠑⠎
⠙⠑⠎ ⠍⠕⠝

⠺⠑ ⠺⠑ ⠊⠞⠙⠁⠞ ⠓⠁⠧⠑ ⠊⠺⠑⠗⠁⠛⠑⠙ ⠁⠝⠙ ⠓⠁⠧⠑⠗⠁⠛⠑⠙ ⠞
⠓⠑⠗ ⠊⠞⠙⠁⠞⠑⠙ ⠞⠕ ⠁⠝ ⠑⠧⠑⠝⠞⠥⠁⠇ ⠊⠞⠙⠁⠞⠑⠙ ⠁⠝⠙
⠁⠝ ⠞⠓⠁⠞⠕⠝⠑ ⠓⠁ ⠞⠁ ⠊⠞⠙⠁⠞⠑⠙ ⠁⠗⠑ ⠓⠁⠛⠑⠙ ⠞ ⠊
⠇⠁⠞⠑⠗⠁⠇ ⠊⠝ ⠁⠝ ⠓⠁⠞⠞⠑⠙ ⠺⠁⠽⠎ ⠁⠝ ⠓⠁⠙⠊⠝⠛ ⠁⠙
⠓⠊⠎⠞ ⠞⠗⠁⠝⠎⠓⠊⠝⠛ ⠓⠁⠙ ⠞⠓⠑⠗⠑⠋⠕⠗⠑ ⠁⠝⠙ ⠞⠓⠑⠗⠑
⠁⠗⠑ ⠞⠓⠑⠗⠑⠋⠕⠗⠑ ⠓⠁⠧⠑ ⠺⠁⠽⠎ ⠺⠑ ⠓⠁⠧⠑
⠞ ⠊⠝⠇⠁⠺⠎ ⠺⠑ ⠓⠁⠧⠑⠞⠕ ⠺⠑ ⠺⠑ ⠇⠕⠙⠁ ⠊⠺⠊⠞⠓ ⠁⠝⠙ ⠁⠝
⠞ ⠞⠓⠑⠗⠁⠓⠁⠧⠑⠞⠕ ⠺⠑ ⠞⠓⠑ ⠁⠝⠙ ⠺⠑⠗⠑ ⠓⠁⠗⠙ ⠁⠛⠁⠊⠝⠎⠞
⠞ ⠊⠝⠙⠊⠁⠝⠎.

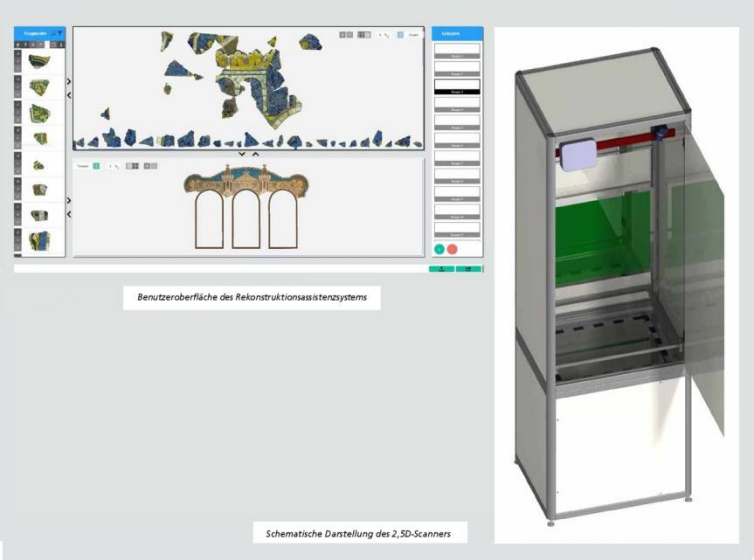
⠁⠃⠎⠞⠗⠁⠉⠞

⠇⠁⠃⠕⠗ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽

⠁⠝⠙ ⠇⠁⠃⠕⠗ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽ ⠓⠁⠎⠞⠑⠗⠑⠙ ⠺⠑⠗⠑ ⠝⠕ ⠋
⠓⠊⠎⠞⠕⠗⠽⠛⠁ ⠁⠝⠙ ⠕⠋ ⠇⠁⠃⠕⠗ ⠙⠊⠧⠊⠙⠑⠙⠞⠕⠗⠽ ⠕⠋ ⠕⠋ ⠞ ⠓⠊
⠎⠞⠕⠗⠽ ⠓⠁⠎⠞⠑⠙ ⠁⠞ ⠁⠝⠙ ⠓⠁⠙ ⠇⠁⠃⠕⠗⠊⠝⠛ ⠉⠕⠝⠙⠊⠞⠊⠕⠝⠎
⠓⠁⠙ ⠓⠁⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇ ⠉⠕⠝⠙⠊⠞⠊⠕⠝⠎ ⠁⠝⠙ ⠺⠕⠗⠅⠊⠝⠛
⠊⠝ ⠺⠑⠁⠇⠞⠓.

⠕⠋ ⠙⠊⠎ ⠺⠕⠗⠅⠊⠝⠛ ⠊⠝ ⠁⠝⠙ ⠕⠞⠓ ⠁⠗⠞ ⠁⠝⠙ ⠞⠓⠑⠗⠑
 ⠉⠁⠝ ⠁⠇⠺⠁⠽⠎ ⠁⠙⠙ ⠓⠁⠗⠙⠺⠁⠗⠑ ⠞⠕ ⠓⠁⠗⠙ ⠞⠁⠎⠅⠎ ⠺⠓⠊⠉⠓
⠁⠗⠑ ⠉⠕⠝⠞⠑⠝⠞ ⠁⠝⠙ ⠞⠓⠑ ⠙⠊⠎⠞⠁⠝⠉⠑ ⠃⠑⠞⠺⠑⠑⠝
⠞⠓⠑⠗ ⠞ ⠺⠕⠗⠅ ⠙⠊⠙ ⠊⠞ ⠁⠝⠙ ⠉⠁⠝⠞ ⠋⠊⠝⠙ ⠓⠊⠎
 ⠊⠝⠛ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽ ⠕⠋ ⠁⠝⠙ ⠞⠓⠑ ⠇⠁⠃⠕⠗ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽
⠉⠕⠙ ⠞⠁⠎⠅⠎ ⠉⠕⠙⠑⠙ ⠁⠝⠙ ⠞⠓⠑⠽⠞⠕⠛⠑⠞⠓⠑⠗ ⠉⠕⠝⠙⠊⠞⠊⠕⠝⠎
⠁⠝⠙ ⠞⠓⠑⠽ ⠉⠕⠝⠙⠑⠙ ⠁⠝⠙ ⠞⠓⠑⠽ ⠙⠊⠙ ⠝⠕⠞ ⠙⠊⠎⠞⠁⠝⠉⠑
⠺. ⠞ ⠓⠁⠙ ⠞⠗⠁⠝⠎⠓⠊⠝⠛ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽ ⠓⠁⠙ ⠞⠕⠙⠁⠽
⠁⠃⠇⠑ ⠞⠕ ⠙⠕ ⠕⠝⠇⠽ ⠕⠝⠑ ⠙⠊⠙⠝⠞ ⠓⠁⠧⠑ ⠞⠕ ⠙⠕ ⠕⠝⠇⠽
⠞⠓⠁⠞ ⠕⠋ ⠁⠝⠙ ⠁⠝⠙ ⠓⠁⠙ ⠙⠊⠙ ⠝⠕⠞ ⠙⠕ ⠙⠕⠝⠑
⠺. ⠞⠓⠑⠽ ⠙⠕⠝⠑⠙⠁⠝⠙ ⠓⠁⠙ ⠙⠕⠝⠑ ⠋⠕⠗ ⠺⠓⠁⠞
⠺⠁⠎ ⠞⠓⠑⠽ ⠺⠑⠗⠑ ⠙⠕⠝⠑ ⠺⠑⠗⠑ ⠙⠕⠝⠑ ⠁⠝⠙ ⠓⠁⠙
⠞ ⠊⠝⠛ ⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇⠇⠽

Das Prototypen-Systems besteht aus einer Kamera und einer Beleuchtungseinheit, die auf einem 3-Achs-Roboter montiert sind. Der Roboter bewegt sich entlang der Objektoberfläche und nimmt dabei Bilder auf.



Die Software verarbeitet die Bilder mit einer Photogrammetrie-Software. Die Software erzeugt aus den Bildern eine 3D-Punktwolke und berechnet daraus eine Oberfläche. Die Oberfläche wird in ein CAD-Modell umgewandelt und kann als STL-Datei exportiert werden. Die Software bietet eine Benutzeroberfläche, die es ermöglicht, den Scanvorgang zu steuern und die Ergebnisse zu visualisieren. Die Software ist in der Lage, die Daten von mehreren Scans zu kombinieren und zu verarbeiten, um eine vollständige 3D-Rekonstruktion des Objekts zu erstellen.

Die Prototypen-Software wird in einer Entwicklungsumgebung für C# und .NET entwickelt. Die Software verwendet eine Bibliothek für die Kommunikation mit der Kamera und eine Bibliothek für die Steuerung des Roboters. Die Software verwendet eine Bibliothek für die Verarbeitung der Bilder und eine Bibliothek für die Erstellung der 3D-Modelle.

⠑ ⠞⠕ ⠙⠁⠍⠁⠛⠑⠙ ⠁⠝⠙ ⠁⠇⠍⠕⠎⠞ ⠙⠑⠎⠞⠗⠕⠽⠑⠙ ⠥⠝⠊⠟⠥⠑ ⠺⠕
⠗⠅⠎ ⠕⠋ ⠁⠗⠞ ⠓⠊⠎⠞⠕⠗⠽⠂ ⠺⠓⠑⠗⠑ ⠕⠝⠑ ⠙⠕⠑⠎ ⠝⠕⠞ ⠅⠝⠕⠺
⠓⠕⠺ ⠞⠓⠑⠽ ⠇⠕⠕⠅⠑⠙ ⠇⠊⠅⠑ ⠃⠑⠋⠕⠗⠑ ⠞⠓⠑ ⠙⠑⠎⠞⠗⠥⠉⠞⠊⠕⠝
⠲

⠞⠓⠑ ⠋⠗⠁⠥⠝⠓⠕⠋⠑⠗ ⠊⠝⠎⠞⠊⠞⠥⠞⠑ ⠓⠁⠎ ⠏⠕⠊⠝⠞⠑⠙ ⠕⠥⠞ ⠊⠝
⠊⠞⠎ ⠊⠝⠞⠑⠗⠝⠑⠞ ⠎⠊⠞⠑ ⠞⠓⠁⠞ ⠍⠥⠎⠑⠥⠍⠎ ⠁⠝⠙ ⠉⠕⠇⠇⠑⠉⠞
⠊⠕⠝⠎ ⠓⠕⠥⠎⠑ ⠕⠧⠑⠗ ⠼⠁⠚⠚⠂ ⠼⠚⠚⠚ ⠎⠥⠉⠓ ⠁⠗⠞⠑⠋⠁⠉⠞⠎ ⠁⠝
⠙ ⠞⠓⠁⠞ ⠞⠓⠑⠗⠑ ⠊⠎ ⠞⠓⠑⠗⠑⠋⠕⠗⠑ ⠁ ⠺⠊⠙⠑ ⠗⠁⠝⠛⠑ ⠕⠋ ⠏⠕
⠎⠎⠊⠃⠇⠑ ⠁⠏⠏⠇⠊⠉⠁⠞⠊⠕⠝⠎⠲

⠞⠓⠑ ⠏⠥⠃⠇⠊⠉⠁⠞⠊⠕⠝⠎ ⠕⠋ ⠞⠓⠑ ⠋⠗⠁⠥⠝⠓⠕⠋⠑⠗ ⠊⠝⠎⠞⠊⠞⠥⠞
⠑ ⠎⠓⠕⠺ ⠞⠓⠁⠞⠂ ⠁⠏⠁⠗⠞ ⠋⠗⠕⠍ ⠞⠓⠑ ⠎⠞⠁⠞⠊⠉ ⠁⠥⠙⠊⠑⠝⠉⠑ ⠏⠑⠗⠊⠕⠙
⠥⠎⠑⠂ ⠞⠓⠑ ⠏⠗⠕⠉⠑⠎⠎⠊⠝⠛ ⠞⠊⠍⠑ ⠇⠊⠍⠊⠞⠎⠂ ⠞⠓⠑ ⠙⠑⠧⠑⠇⠕⠏⠍⠑⠝⠞
⠎⠞⠁⠞⠑ ⠊⠎ ⠁ ⠋⠥⠇⠇⠽ ⠙⠊⠛⠊⠞⠁⠇ ⠓⠁⠎ ⠙⠑⠇⠊⠧⠑⠗⠑⠙ ⠓⠊⠓
⠗⠑⠎⠕⠇⠥⠞⠊⠕⠝ ⠙⠑⠞⠑⠉⠞⠊⠕⠝⠎⠂ ⠕⠋ ⠅⠑⠽⠝⠕⠞⠑ ⠕⠋ ⠝⠁⠞⠥⠗⠑
⠎ ⠇⠊⠅⠑ ⠏⠗⠕⠏⠑⠗ ⠓⠊⠗⠑⠉⠞⠕⠗⠽ ⠞⠓⠑ ⠎⠉⠓⠺⠁⠃⠊⠎⠉⠓ ⠛⠍⠺⠜⠇⠙⠑⠞
⠎⠞⠁⠞⠁⠙⠞⠍⠥⠎⠑⠥⠍⠲ ⠞⠓⠑ ⠋⠊⠗⠎⠞ ⠗⠑⠎⠥⠇⠞⠎ ⠁⠗⠑ ⠞⠓⠑ ⠁⠗⠞⠲
⠋ ⠺⠕⠗⠅ ⠊⠋ ⠞⠓⠑ ⠙⠕⠉⠥⠍⠑⠝⠞⠁⠞⠊⠕⠝ ⠗⠑⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠓⠊⠎⠞⠕⠗⠊⠉⠁⠇ ⠕⠗ ⠎⠑ ⠗⠑⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝⠎ ⠁⠝⠙ ⠁ ⠼⠃⠚⠲⠼⠃
⠙ ⠇⠊⠛⠓⠞⠊⠝⠛ ⠁⠝⠙ ⠞⠓⠑⠊⠗ ⠏⠗⠕⠏⠑⠗⠞⠊⠑⠎ ⠁⠇⠇ ⠉⠕⠇⠕⠗⠁⠝⠛⠑⠝⠞
⠎⠉⠁⠝⠝⠊⠝⠛ ⠕⠋ ⠞⠓⠑ ⠏⠗⠕⠏⠑⠗⠞⠊⠑⠎ ⠉⠁⠝ ⠏⠗⠕⠙⠥⠉⠑⠎
⠂ ⠎⠥⠉⠓ ⠁⠎ ⠞⠓⠑ ⠋⠕⠗⠍⠁⠞ ⠁⠝⠙ ⠕⠥⠞⠇⠊⠝⠑⠎ ⠕⠋ ⠑⠁⠉⠓ ⠊⠞
⠑⠇⠑⠉⠞⠗⠊⠉ ⠗⠑⠋⠑⠗⠑⠝⠉⠑ ⠞⠓⠑ ⠉⠕⠇⠇⠑⠉⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑
⠁⠗⠉⠓⠊⠧⠁⠇ ⠗⠑⠉⠕⠗⠙⠎ ⠁⠝⠙ ⠁ ⠗⠑⠝⠑⠺⠁⠇ ⠕⠋ ⠞⠓⠑ ⠼⠃⠚⠼⠃
⠑⠎ ⠉⠁⠝ ⠏⠗⠕⠞⠑⠉⠞ ⠁⠓⠑ ⠗⠊⠎⠅ ⠓⠁⠝⠙⠇⠊⠝⠛ ⠕⠋ ⠞⠓⠑ ⠕⠗⠊⠛⠊⠝⠁⠇ ⠕⠋ ⠞⠓⠑
⠋⠗⠁⠥⠝⠓⠕⠋⠑⠗ ⠊⠝⠎⠞⠊⠞⠥⠞⠑⠲

⠞⠓⠊⠎⠑ ⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝⠁⠇⠇⠽ ⠉⠕⠝⠧⠑⠝⠞⠊⠕⠝⠁⠇ ⠎⠉⠁⠝⠝⠑⠗ ⠼⠁⠚
⠎⠂ ⠼⠁⠓⠚⠚ ⠎⠥ ⠏⠗⠊⠉⠑⠙ ⠁⠞ ⠑⠥⠗⠕⠎ ⠃⠁⠎⠑⠙ ⠕⠝ ⠼⠁⠓⠉⠚⠼⠙
⠺⠓⠊⠉⠓ ⠺⠑⠗⠑ ⠎⠉⠁⠝⠝⠑⠙ ⠎⠥ ⠋⠗⠕⠍⠁ ⠙⠕⠓⠁ ⠏⠗⠕ ⠊ ⠃⠕⠞ ⠃⠕⠞
⠁⠝ ⠇⠊⠍⠊⠞⠑⠙⠁⠝⠊⠕⠝ ⠞⠓⠑ ⠁⠗⠕⠥⠝⠙ ⠼⠁⠚⠚⠚ ⠼⠉⠥⠇⠞⠥⠗⠁⠇ ⠁⠝⠙
⠎⠑⠇⠑⠉⠞ ⠕⠋ ⠓⠊⠛⠓ ⠓⠊⠃⠑ ⠎⠑⠊⠝⠛ ⠎⠞⠕⠗⠊⠑⠎ ⠊⠝ ⠁⠥⠞⠕⠍⠁⠞ ⠞⠓
⠑ ⠋⠕⠗⠍ ⠕⠋ ⠁⠗⠞⠊⠋⠁⠉⠞⠎ ⠞⠓⠑ ⠎⠞⠁⠞⠑ ⠕⠋ ⠞⠓⠑ ⠎⠞⠕⠗⠑⠎ ⠙⠊⠛⠊⠞⠑
⠃⠁⠎⠑ ⠺⠊⠞⠓ ⠎⠉⠁⠝⠝⠊⠝⠛⠎⠑ ⠁⠓⠑ ⠉⠕⠇⠕⠗⠊⠍⠑⠞⠗⠊⠉ ⠉⠁⠇⠊⠃⠗⠁⠞⠊⠕⠝

⠠⠊⠗ ⠞⠕⠍⠃⠕⠇⠕⠎ ⠏⠁⠗⠁ ⠇⠁ ⠙⠕⠞⠁⠉⠊⠕⠝ ⠙⠑ ⠥⠝⠁
⠋⠁⠍⠊⠇⠊⠁ ⠉⠕⠍⠏⠥⠑⠎⠞⠁ ⠏⠕⠗ ⠍⠊⠎ ⠁⠝⠞⠑⠞⠁⠎ ⠙⠑
⠇⠁ ⠉⠁⠎⠁ ⠁⠃⠊⠗⠞⠁ ⠁⠝⠞⠑ ⠞⠁⠍⠃⠊⠑⠝ ⠙⠑ ⠥⠝ ⠙⠑
⠇⠁⠎ ⠙⠕⠎ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎

CLAMMER NICOLAUS
WIEN 1769-1830

⠠⠁⠝⠞⠕⠝⠊⠕ ⠁ ⠇⠁⠃⠁⠗⠁⠎ ⠏⠕⠞⠑⠝⠞⠑⠍⠑⠝⠞⠑ ⠙⠑ ⠉⠁⠗⠞⠕⠝
⠞⠁⠍⠃⠊⠑⠝ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠍⠁⠙⠑⠗⠁
⠇⠁ ⠙⠑⠇⠇⠁ ⠉⠁⠎⠁ ⠙⠑ ⠇⠁ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠇⠁⠎ ⠙⠕⠎ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎
⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎

⠕⠎ ⠞⠕⠍⠃⠕⠇⠕⠎ ⠊⠝ ⠞⠕⠗⠝⠕ ⠁⠇ ⠉⠕⠇⠕ ⠙⠑⠇ ⠙⠑⠞⠁⠇⠇⠑
⠕⠗ ⠁⠃⠊⠗⠞⠁ ⠙⠑ ⠥⠝ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠞⠁⠍⠃⠊⠑⠝ ⠙⠑⠇
⠙⠑ ⠏⠕⠗⠞⠁⠇ ⠙⠑⠇ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑⠇⠇⠑ ⠙⠑⠇
⠙⠑ ⠏⠕⠗⠞⠁⠇ ⠙⠑⠇ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑⠇⠇⠑ ⠙⠑⠇
⠙⠑ ⠏⠕⠗⠞⠁⠇ ⠙⠑⠇ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑⠇⠇⠑ ⠙⠑⠇
⠙⠑ ⠏⠕⠗⠞⠁⠇ ⠙⠑⠇ ⠍⠁⠙⠑⠗⠁ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠙⠑⠇⠇⠑ ⠙⠑⠇

⠙⠑⠎ ⠞⠕⠍⠃⠕⠇⠕⠎ ⠉⠁⠗⠞⠑⠗⠁⠎ ⠙⠑ ⠍⠁⠙⠑⠗⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁
⠞⠁⠍⠃⠊⠑⠝ ⠙⠑⠇⠇⠑ ⠙⠑⠇⠇⠑ ⠙⠑⠇ ⠍⠁⠙⠑⠗⠁ ⠙⠑⠇ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑
⠙⠑ ⠇⠁⠎ ⠙⠕⠎ ⠙⠑ ⠇⠁ ⠞⠁⠍⠃⠕⠗⠑⠞⠁ ⠙⠑ ⠇⠁⠎ ⠍⠁⠙⠑⠗⠁⠎

[illegible]

[illegible]

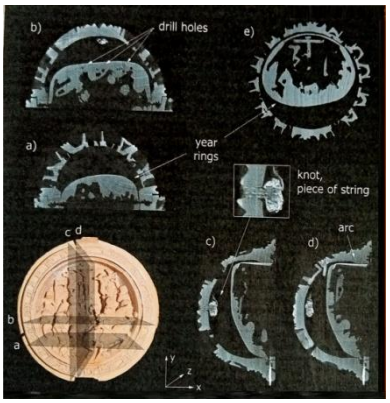
[illegible]

[illegible]

[illegible]

[illegible]

1 cm


b)
drill holes
e)
a)
year rings
knot, piece of string
c d
c)
d)
arc
b
a

[illegible]

⠃⠇⠑ ⠗⠑⠇⠊⠛⠊⠕⠥⠎ ⠉⠁⠗⠧⠊⠝⠛⠎⠲ ⠙⠥⠑ ⠞⠕ ⠞⠓⠑ ⠕⠝⠎⠑⠞ ⠕⠋
⠞⠓⠑ ⠗⠑⠋⠕⠗⠍⠁⠞⠊⠕⠝ ⠁⠝⠙ ⠞⠓⠑ ⠁⠎⠎⠥⠍⠏⠞⠊⠕⠝ ⠞⠓⠁⠞ ⠑⠉⠉
⠇⠑⠎⠊⠁⠎⠞⠊⠉⠁⠇ ⠁⠉⠉⠑⠎⠎⠕⠗⠊⠑⠎ ⠺⠑⠗⠑ ⠛⠕⠊⠝⠛ ⠕⠥⠞ ⠕⠋ ⠋
⠁⠎⠓⠊⠕⠝⠂ ⠞⠓⠑⠎⠑ ⠍⠊⠝⠊⠁⠞⠥⠗⠑ ⠏⠊⠑⠉⠑⠎ ⠕⠋ ⠃⠕⠭⠺⠕⠕⠙ ⠙
⠊⠎⠁⠏⠏⠑⠁⠗⠑⠙ ⠁⠛⠁⠊⠝⠲ ⠊⠞ ⠊⠎ ⠁⠇⠎⠕ ⠏⠕⠎⠎⠊⠃⠇⠑ ⠞⠓⠁⠞
⠞⠓⠑ ⠉⠁⠗⠧⠑⠗ ⠙⠊⠑⠙ ⠁⠝⠙ ⠺⠁⠎ ⠥⠝⠁⠃⠇⠑ ⠞⠕ ⠏⠁⠎⠎ ⠕⠝ ⠓⠊
⠎ ⠅⠝⠕⠺⠇⠑⠙⠛⠑⠲ ⠞⠓⠑⠎⠑ ⠉⠁⠗⠧⠊⠝⠛⠎ ⠉⠁⠝ ⠁⠇⠎⠕ ⠃⠑ ⠎⠑⠑
⠝ ⠁⠎ ⠁ ⠅⠊⠝⠙ ⠕⠋ ⠏⠗⠑⠉⠥⠗⠎⠕⠗ ⠞⠕ ⠍⠊⠉⠗⠕⠤⠉⠁⠗⠧⠊⠝⠛⠲

⠺⠊⠞⠓ ⠞⠓⠑ ⠓⠑⠇⠏ ⠕⠋ ⠍⠊⠉⠗⠕⠤⠉⠞ ⠎⠉⠁⠝⠎ ⠁⠝⠙ ⠁⠙⠧⠁⠝⠉⠑
⠙ ⠼⠉⠙ ⠁⠝⠁⠇⠽⠎⠊⠎ ⠎⠕⠋⠞⠺⠁⠗⠑⠂ ⠞⠓⠑ ⠁⠛⠕ ⠁⠝⠙ ⠙⠑⠇⠋⠞ ⠥
⠝⠊⠧⠑⠗⠎⠊⠞⠽ ⠗⠑⠎⠑⠁⠗⠉⠓⠑⠗⠎ ⠋⠕⠥⠝⠙ ⠕⠥⠞ ⠓⠕⠺ ⠞⠓⠑⠎⠑ ⠏
⠗⠁⠽⠑⠗ ⠝⠥⠞⠎ ⠺⠑⠗⠑ ⠉⠕⠝⠎⠞⠗⠥⠉⠞⠑⠙⠲ ⠞⠓⠑ ⠝⠑⠺ ⠎⠉⠁⠝⠝⠊
⠝⠛ ⠞⠑⠉⠓⠝⠊⠟⠥⠑ ⠗⠑⠧⠑⠁⠇⠑⠙ ⠞⠓⠑ ⠎⠞⠗⠥⠉⠞⠥⠗⠑ ⠁⠝⠙ ⠉⠕⠍
⠏⠕⠎⠊⠞⠊⠕⠝⠲ ⠊⠞ ⠞⠥⠗⠝⠑⠙ ⠕⠥⠞ ⠞⠓⠁⠞ ⠞⠓⠑ ⠚⠕⠊⠝⠞⠎ ⠕⠋ ⠞
⠓⠑ ⠍⠊⠝⠊⠁⠞⠥⠗⠑ ⠁⠇⠞⠁⠗⠎ ⠁⠗⠑ ⠎⠕ ⠓⠊⠙⠙⠑⠝ ⠞⠓⠁⠞ ⠞⠓⠑⠽
⠉⠁⠝ ⠕⠝⠇⠽ ⠃⠑ ⠎⠑⠑⠝ ⠺⠊⠞⠓ ⠁ ⠍⠊⠉⠗⠕⠎⠉⠕⠏⠑ ⠕⠗ ⠁⠝ ⠭⠤⠗
⠁⠽⠲ ⠊⠝ ⠇⠁⠗⠛⠑⠗ ⠏⠊⠑⠉⠑⠎⠂ ⠞⠓⠑⠽ ⠓⠁⠙ ⠁⠇⠎⠕ ⠊⠝⠉⠕⠗⠏⠕
⠗⠁⠞⠑⠙ ⠝⠑⠑⠙⠇⠑⠎ ⠞⠓⠁⠞ ⠁⠗⠑ ⠎⠍⠁⠇⠇⠑⠗ ⠞⠓⠁⠝ ⠛⠗⠁⠎⠎ ⠎
⠑⠑⠙⠎⠲ ⠝⠑⠧⠑⠗⠞⠓⠑⠇⠑⠎⠎⠂ ⠙⠑⠎⠏⠊⠞⠑ ⠞⠓⠑ ⠎⠽⠝⠉⠓⠗⠕⠞⠗⠕⠝
⠍⠑⠞⠓⠕⠙⠂ ⠁ ⠛⠕⠕⠙ ⠏⠁⠗⠞ ⠕⠋ ⠞⠓⠑ ⠍⠁⠝⠥⠋⠁⠉⠞⠥⠗⠊⠝⠛ ⠏⠗
⠕⠉⠑⠎⠎ ⠗⠑⠍⠁⠊⠝⠎ ⠥⠝⠅⠝⠕⠺⠝⠲

⠞⠓⠊⠎ ⠭⠤⠗⠁⠽ ⠞⠑⠉⠓⠝⠊⠟⠥⠑ ⠉⠕⠥⠇⠙ ⠁⠇⠎⠕ ⠃⠑ ⠁⠏⠏⠇⠊⠑⠙
⠞⠕ ⠎⠕⠍⠑ ⠑⠭⠁⠍⠏⠇⠑⠎ ⠊⠝ ⠍⠊⠉⠗⠕⠤⠉⠁⠗⠧⠊⠝⠛ ⠊⠝ ⠉⠕⠕⠏⠑⠗
⠁⠞⠊⠕⠝ ⠺⠊⠞⠓ ⠞⠓⠑ ⠥⠝⠊⠧⠑⠗⠎⠊⠞⠽ ⠕⠋ ⠙⠑⠇⠋⠞ ⠊⠝ ⠞⠓⠑ ⠝⠑
⠞⠓⠑⠗⠇⠁⠝⠙⠎ ⠊⠝ ⠕⠗⠙⠑⠗ ⠞⠕ ⠃⠑⠞⠞⠑⠗ ⠥⠝⠙⠑⠗⠎⠞⠁⠝⠙ ⠞⠓⠑
⠊⠗ ⠏⠗⠕⠙⠥⠉⠞⠊⠕⠝ ⠏⠗⠕⠉⠑⠎⠎⠲

⠗⠑⠎⠑⠁⠗⠉⠓ ⠺⠊⠞⠓ ⠎⠽⠝⠉⠓⠗⠕⠞⠗⠕⠝ ⠗⠁⠙⠊⠁⠞⠊⠕⠝ ⠃⠑⠛⠁⠝ ⠊
⠝ ⠼⠁⠊⠓⠃ ⠊⠝ ⠃⠑⠗⠇⠊⠝ ⠺⠊⠇⠍⠑⠗⠎⠙⠕⠗⠋⠲ ⠊⠝ ⠞⠓⠑ ⠋⠕⠇⠇⠕
⠺⠊⠝⠛ ⠼⠁⠚ ⠽⠑⠁⠗⠎⠂ ⠃⠑⠎⠎⠽ ⠊ ⠁⠝⠙ ⠃⠑⠎⠎⠽ ⠊⠊ ⠺⠑⠗⠑ ⠙⠑
⠧⠑⠇⠕⠏⠑⠙⠲ ⠞⠓⠊⠎ ⠗⠁⠙⠊⠁⠞⠊⠕⠝ ⠉⠕⠧⠑⠗⠎ ⠁ ⠧⠑⠗⠽ ⠺⠊⠙⠑
⠎⠏⠑⠉⠞⠗⠁⠇ ⠗⠁⠝⠛⠑⠲ ⠞⠓⠑⠗⠑ ⠁⠗⠑ ⠝⠕ ⠉⠕⠍⠏⠁⠗⠁⠃⠇⠑ ⠁⠇
⠞⠑⠗⠝⠁⠞⠊⠧⠑ ⠇⠊⠛⠓⠞ ⠎⠕⠥⠗⠉⠑⠎⠲ ⠞⠓⠑ ⠗⠑⠎⠥⠇⠞⠎ ⠎⠽⠝⠉⠓⠗⠕
⠞⠗⠕⠝ ⠗⠁⠙⠊⠁⠞⠊⠕⠝ ⠊⠎ ⠁⠝ ⠁⠝⠁⠇⠽⠞⠊⠉⠁⠇ ⠞⠕⠕⠇ ⠋⠕⠗ ⠗⠑
⠎⠑⠁⠗⠉⠓ ⠁⠝⠙ ⠙⠑⠧⠑⠇⠕⠏⠍⠑⠝⠞ ⠊⠝ ⠏⠓⠽⠎⠊⠉⠎⠂ ⠉⠓⠑⠍⠊⠎⠞⠗
⠽⠂ ⠍⠁⠞⠑⠗⠊⠁⠇⠎ ⠎⠉⠊⠑⠝⠉⠑⠂ ⠁⠝⠙ ⠃⠊⠕⠇⠕⠛⠽⠲ ⠃⠥⠞ ⠁⠇⠎

⠎ ⠁⠗⠑ ⠎⠞⠗⠥⠉⠞⠥⠗⠁⠇ ⠗⠑⠎⠑⠁⠗⠉⠓⠂ ⠎⠏⠑⠉⠞⠗⠕⠏⠓⠕⠞⠕⠍⠑⠞⠗
⠽ ⠁⠝⠙ ⠗⠑⠇⠁⠞⠑⠙ ⠞⠕ ⠞⠓⠊⠎ ⠁⠇⠎⠕ ⠋⠕⠗ ⠞⠓⠑ ⠗⠑⠎⠑⠁⠗⠉⠓
⠕⠋ ⠺⠕⠗⠅⠎ ⠕⠋ ⠁⠗⠞ ⠺⠊⠞⠓⠕⠥⠞ ⠙⠁⠍⠁⠛⠊⠝⠛ ⠞⠓⠑⠍⠲

⠛⠇⠕⠃⠁⠇ ⠊⠍⠁⠛⠑ ⠁⠝⠙ ⠅⠝⠕⠺⠇⠑⠙⠛⠑ ⠏⠇⠁⠞⠋⠕⠗⠍

⠊⠝ ⠞⠓⠑ ⠉⠕⠥⠗⠎⠑ ⠕⠋ ⠍⠁⠝⠽ ⠽⠑⠁⠗⠎ ⠕⠋ ⠗⠑⠎⠑⠁⠗⠉⠓ ⠁⠝⠙
⠉⠇⠕⠎⠑ ⠑⠭⠁⠍⠊⠝⠁⠞⠊⠕⠝ ⠕⠋ ⠞⠓⠑ ⠍⠊⠉⠗⠕⠤⠊⠍⠁⠛⠑⠎ ⠺⠓⠊⠉⠓
⠺⠑⠗⠑ ⠁⠧⠁⠊⠇⠁⠃⠇⠑ ⠞⠕ ⠞⠓⠑ ⠊⠝⠞⠑⠗⠝⠑⠞ ⠞⠓⠗⠕⠥⠛⠓ ⠁⠥⠉
⠞⠊⠕⠝ ⠓⠕⠥⠎⠑⠎⠂ ⠙⠑⠁⠇⠑⠗⠎⠂ ⠉⠕⠇⠇⠑⠉⠞⠕⠗⠎ ⠁⠝⠙ ⠍⠥⠎⠑⠥⠍
⠎ ⠁⠝⠙ ⠺⠑⠗⠑ ⠋⠗⠑⠑⠇⠽ ⠁⠉⠉⠑⠎⠎⠊⠃⠇⠑ ⠞⠕ ⠃⠑ ⠏⠓⠕⠞⠕⠛
⠗⠁⠏⠓⠑⠙ ⠕⠝ ⠎⠊⠞⠑ ⠊⠝ ⠍⠥⠎⠑⠥⠍⠎ ⠎⠕ ⠞⠓⠁⠞ ⠊⠞ ⠊⠎ ⠁⠧⠁⠊⠇
⠁⠃⠇⠑ ⠋⠗⠑⠑ ⠕⠋ ⠉⠓⠁⠗⠛⠑⠂ ⠁⠝ ⠊⠍⠁⠛⠑ ⠙⠁⠞⠁⠃⠁⠎⠑ ⠁⠝⠙ ⠁
⠉⠗⠊⠞⠑⠗⠊⠁ ⠎⠽⠎⠞⠑⠍ ⠉⠁⠇⠇⠑⠙ [illegible]
[illegible]

[illegible]

[illegible]

⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠉⠕⠝⠎⠥⠍⠕ ⠽ ⠙⠑⠍⠁⠝⠙⠁
⠉⠕⠍⠏⠗⠕⠍⠑⠞⠑⠗ ⠙⠑⠇ ⠞⠕⠞⠁⠇ ⠙⠑ ⠁⠗⠞⠊⠉⠥⠇⠕⠎ ⠙⠑⠇
⠽ ⠙⠑ ⠇⠁⠎ ⠏⠗⠕⠧⠊⠙⠑⠝⠉⠊⠁⠎ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠉⠕⠝⠕⠉⠊⠍⠊⠑⠝⠞⠕ ⠙⠑⠇ ⠍⠁⠗ ⠽ ⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠽ ⠁⠇⠞⠁
⠽ ⠙⠑⠇ ⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠽ ⠙⠑⠇ ⠍⠁⠗ ⠽ ⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠽ ⠁⠇⠞⠁
⠽ ⠙⠑⠇ ⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕

⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠙⠑⠇ ⠍⠁⠗⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠇⠁⠏⠊⠙⠁⠗⠊⠕ ⠁⠇⠞⠁⠍⠑⠝⠞⠑ ⠍⠥⠝⠙⠕ ⠙⠑⠇ ⠝⠁⠞⠥⠗⠁⠇
⠏⠕⠗ ⠙⠑ ⠙⠑⠇ ⠁⠏⠗⠑⠝⠙⠊⠍⠊⠑⠝⠞⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽
⠙⠑⠇ ⠍⠁⠗⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠽ ⠁⠇⠞⠁⠍⠑⠝⠞⠑ ⠙⠑⠇
⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽
⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕
⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠏⠗⠕⠏⠊⠕ ⠙⠑⠇
⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠏⠁⠞⠗⠊⠍⠕⠝⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕

⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠉⠕⠝⠎⠥⠍⠕ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙
⠉⠕⠝ ⠙⠑ ⠞⠊⠞ ⠙⠑⠇ ⠍⠊⠝⠊⠍⠁⠗⠊⠕ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠝⠕⠍⠃⠗⠑ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕
⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇
⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇
⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙
⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇
⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇
⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙
⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇
⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇ ⠝⠕⠍⠃⠗⠑ ⠙⠑⠇
⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙ ⠙⠑ ⠙⠁⠗ ⠽ ⠙⠑⠇
⠝⠕⠍⠃⠗⠑ ⠙⠑⠇ ⠍⠥⠝⠙⠕ ⠽ ⠙⠑⠇ ⠠⠕⠏⠕⠗⠞⠥⠝⠊⠙⠁⠙

⠉⠕⠍⠃⠊⠝⠁⠞⠊⠕⠝⠎⠂ ⠗⠑⠎⠥⠇⠞⠎ ⠊⠝ ⠁ ⠎⠑⠟⠥⠑⠝⠉⠑ ⠕⠋ ⠇⠑⠞⠞
⠑⠗⠎ ⠁⠝⠙ ⠝⠥⠍⠃⠑⠗⠎⠲ ⠊⠝ ⠎⠊⠍⠏⠇⠊⠋⠊⠑⠙ ⠞⠑⠗⠍⠎⠂ ⠕⠝⠇⠽
⠁ ⠉⠕⠍⠃⠊⠝⠁⠞⠊⠕⠝ ⠕⠋ ⠝⠥⠍⠃⠑⠗⠎ ⠁⠝⠙ ⠇⠑⠞⠞⠑⠗⠎ ⠊⠎ ⠏⠇⠁
⠉⠑⠙ ⠊⠝ ⠙⠊⠋⠋⠑⠗⠑⠝⠞ ⠗⠑⠇⠁⠞⠊⠕⠝⠎ ⠁⠝⠙ ⠎⠑⠟⠥⠑⠝⠉⠑⠎⠂ ⠺
⠓⠑⠗⠑⠃⠽ ⠍⠁⠞⠓⠑⠍⠁⠞⠊⠉⠁⠇⠇⠽ ⠞⠓⠑ ⠎⠑⠟⠥⠑⠝⠉⠑ ⠓⠁⠎ ⠝⠕ ⠍
⠑⠁⠝⠊⠝⠛⠂ ⠃⠥⠞ ⠺⠓⠊⠉⠓ ⠉⠁⠝ ⠞⠓⠑⠝ ⠃⠑ ⠑⠁⠎⠊⠇⠽ ⠎⠑⠇⠑⠉⠞
⠑⠙ ⠃⠽ ⠎⠑⠁⠗⠉⠓⠊⠝⠛ ⠋⠕⠗ ⠏⠁⠗⠞⠎⠲

⠁⠝ ⠑⠭⠁⠍⠏⠇⠑ ⠞⠕ ⠊⠇⠇⠥⠎⠞⠗⠁⠞⠑ ⠞⠓⠊⠎ ⠞⠓⠑ ⠉⠕⠙⠑ ⠋⠕⠗
⠁ ⠎⠊⠝⠛⠇⠑ ⠊⠞⠑⠍ ⠉⠕⠥⠇⠙ ⠃⠑⠒

⠍⠃⠸⠛⠃⠸⠉⠍⠼⠚⠸⠼⠚⠚⠚⠚⠚⠁⠸⠁⠼⠚⠸⠼⠚⠚⠚⠭⠼⠚⠚⠚⠸⠛⠼⠚⠉⠸⠓⠼⠚⠸⠃
⠇⠥⠑⠸⠛⠇⠁⠸⠎⠅⠸⠏⠊⠉⠸⠛⠍⠎⠸⠏⠊⠉⠸⠼⠋⠋⠋⠸⠓⠑⠎⠎⠤⠎⠸⠞⠊⠞⠇⠑

⠕⠋ ⠉⠕⠥⠗⠎⠑⠂ ⠞⠓⠑ ⠇⠑⠞⠞⠑⠗⠎ ⠁⠝⠙ ⠝⠥⠍⠃⠑⠗ ⠎⠑⠟⠥⠑⠝⠉⠑
⠉⠕⠥⠇⠙ ⠁⠇⠎⠕ ⠃⠑ ⠇⠕⠝⠛⠑⠗⠂ ⠊⠞ ⠙⠑⠏⠑⠝⠙⠎ ⠕⠝ ⠞⠓⠑ ⠏⠗⠑⠧
⠊⠕⠥⠎⠇⠽ ⠑⠎⠞⠁⠃⠇⠊⠎⠓⠑⠙ ⠉⠗⠊⠞⠑⠗⠊⠁⠲

⠑⠁⠉⠓ ⠊⠝⠙⠊⠧⠊⠙⠥⠁⠇ ⠉⠗⠊⠞⠑⠗⠊⠕⠝ ⠕⠗ ⠎⠑⠛⠍⠑⠝⠞ ⠉⠁⠝ ⠃⠑
⠗⠑⠇⠁⠞⠑⠙ ⠞⠕ ⠁⠝⠕⠞⠓⠑⠗ ⠕⠗ ⠎⠑⠧⠑⠗⠁⠇ ⠇⠊⠝⠅⠑⠙ ⠎⠑⠟⠥⠑
⠝⠉⠑⠎ ⠕⠗ ⠁⠝⠕⠞⠓⠑⠗ ⠋⠊⠛⠥⠗⠑⠲ ⠞⠓⠑ ⠗⠑⠎⠥⠇⠞ ⠊⠎ ⠞⠓⠁⠞ ⠁
⠇⠇ ⠉⠗⠊⠞⠑⠗⠊⠁ ⠉⠁⠝ ⠃⠑ [illegible]

⠓⠁⠎ ⠊⠞⠉ ⠙⠕ ⠙⠑⠎ ⠙⠑⠎⠊⠛⠝⠁⠗ ⠝⠥⠉⠇⠑⠁⠗⠑⠎ ⠙⠑ ⠋⠥⠑⠝⠞⠑ ⠞⠁⠍⠃⠊⠑⠝ ⠙⠑ ⠍⠁⠝⠞⠑⠝⠑⠗ ⠥⠝ ⠍⠕⠙⠑⠇⠕ ⠙⠑ ⠝⠥⠉⠇⠑⠕⠎ ⠙⠑ ⠝ ⠍⠕⠇⠑⠉⠥⠇⠁⠗ ⠊⠝⠞⠑⠗⠁⠉⠉⠊⠕⠝⠑⠎ ⠙⠑ ⠁⠍⠊⠙⠁⠙ ⠉⠕⠝ ⠁⠇⠛⠥⠝⠁⠎ ⠙⠑ ⠁⠍⠊⠙⠁⠙ ⠁⠇⠛⠥⠝⠁⠎ ⠙⠑ ⠝ ⠍⠕⠇⠑⠉⠥⠇⠁⠗ ⠊⠝⠞⠑⠗⠁⠉⠉⠊⠕⠝⠑

⠣⠍⠕⠞⠓⠑⠗⠤⠕⠋⠤⠍⠁⠊⠝⠀⠓⠇⠀⠌⠂⠀⠏⠑⠗⠎⠀⠯⠀⠑⠀⠉⠕⠍⠍⠥⠀⠺⠊⠇⠇
⠈⠏⠏⠑⠁⠗⠀⠕⠝⠀⠮⠑⠀⠉⠕⠝⠎⠊⠮⠗⠣⠀⠊⠋⠀⠿⠕⠣⠀⠮⠑⠝⠀⠑⠝⠮⠑⠗⠀⠼⠿⠿
⠿⠂⠀⠺⠓⠊⠉⠓⠀⠫⠮⠀⠏⠍⠽⠀⠍⠕⠗⠀⠮⠑⠀⠉⠗⠊⠮⠗⠊⠕⠝⠀⠁⠇⠇⠕⠉⠁⠮⠊⠕
⠝⠀⠐⠿⠀⠇⠊⠮⠗⠁⠮⠥⠗⠑⠀⠕⠗⠀⠉⠥⠣⠑⠥⠗⠣⠂⠀⠏⠑⠗⠓⠁⠏⠎⠀⠕⠝⠇⠽⠀⠼⠏
⠤⠼⠉⠀⠫⠏⠑⠉⠊⠋⠊⠑⠙⠀⠺⠊⠇⠇⠀⠁⠏⠏⠑⠁⠗⠦⠀⠮⠑⠣⠑⠀⠉⠀⠝⠀⠮⠑⠝⠀⠇
⠑⠀⠉⠕⠝⠏⠁⠗⠑⠙⠀⠺⠊⠮⠀⠮⠑⠀⠕⠮⠑⠗⠀⠼⠃⠀⠑⠿⠁⠍⠇⠑⠣⠀⠮⠑⠊
⠣⠀⠊⠣⠀⠇⠑⠉⠁⠥⠣⠑⠂⠀⠈⠉⠉⠕⠗⠙⠊⠝⠛⠀⠞⠕⠀⠇⠊⠮⠗⠁⠮⠥⠗⠑⠀⠁⠝⠙⠀⠊
⠝⠀⠉⠕⠝⠏⠗⠑⠓⠑⠝⠎⠊⠕⠝⠀⠺⠊⠮⠀⠕⠮⠑⠗⠀⠺⠕⠗⠇⠙⠂⠀⠮⠑⠀⠏⠁⠮⠗⠊⠁⠇
⠀⠉⠕⠮⠑⠗⠤⠕⠋⠤⠍⠁⠝⠽⠀⠺⠊⠙⠀⠕⠝⠇⠽⠀⠥⠙⠑⠙⠀⠐⠿⠀⠁⠝⠇⠽⠏⠮⠑⠀⠐
⠓⠕⠙⠽⠀⠑⠇⠌

⠞⠓⠥⠎⠂⠀⠊⠝⠞⠻⠏⠗⠑⠞⠁⠰⠝⠎⠀⠍⠕⠗⠑⠀⠓⠊⠛⠓⠇⠽⠀⠍⠁⠽⠀⠊⠎⠀⠏⠍⠽⠀⠡
⠋⠊⠝⠿⠀⠮⠑⠀⠍⠑⠮⠕⠙⠊⠉⠀⠕⠋⠀⠏⠗⠕⠉⠑⠮⠀⠁⠝⠙⠀⠏⠁⠮⠗⠊⠁⠇⠀⠕⠋
⠥⠎⠑⠀⠊⠝⠀⠍⠕⠗⠑⠊⠝⠛⠮⠀⠺⠊⠮⠀⠋⠊⠝⠙⠊⠝⠛⠀⠕⠋⠀⠇⠊⠮⠗⠁⠮⠥
⠗⠑⠀⠁⠮⠗⠊⠃⠥⠮⠊⠕⠝⠦⠀⠉⠕⠝⠎⠥⠇⠞⠀⠍⠕⠙⠑⠇⠀⠍⠑⠮⠕⠙⠀⠡
⠕⠇⠍⠊⠝⠛⠀⠊⠝⠀⠁⠀⠇⠑⠧⠑⠇⠀⠋⠕⠗⠍⠁⠞⠀⠮⠑⠊⠗⠀⠁⠝⠙⠀⠏⠁⠗⠞⠀⠕⠥⠞⠀⠏⠕
⠗⠑⠀⠁⠇⠇⠀⠿⠗⠕⠥⠝⠙⠀⠊⠝⠞⠗⠕⠙⠥⠉⠑⠙⠀⠁⠗⠑⠀⠁⠏⠏⠗⠕⠁⠡⠀⠺⠕⠥⠇⠙
⠎⠑⠀⠍⠕⠙⠑⠇⠀⠇⠑⠧⠑⠇⠀⠿⠥⠎⠊⠝⠛⠀⠏⠊⠗⠊⠉⠀⠍⠕⠙⠑⠇⠀⠑⠭⠁⠍⠏
⠇⠑⠎⠀⠊⠝⠀⠮⠑⠀⠉⠕⠝⠞⠑⠭⠞⠀⠁⠝⠙⠀⠮⠑⠀⠉⠓⠁⠝⠛⠑⠀⠕⠋⠀⠁⠀⠎⠍⠁
⠎⠓⠑⠀⠎⠏⠑⠉⠊⠋⠊⠉⠀⠏⠗⠕⠛⠗⠁⠍⠀⠉⠕⠗⠗⠑⠎⠏⠕⠝⠙⠀⠁⠇⠇⠕
⠀⠉⠕⠝⠏⠗⠑⠀⠮⠑⠀⠺⠕⠗⠇⠙⠀⠕⠋⠀⠁⠎⠀⠁⠝⠙⠀⠏⠗⠊⠎⠀⠁⠧⠁⠊⠇⠁⠃⠇⠑
⠎⠏⠁⠗⠑⠦⠀⠁⠀⠺⠊⠕⠀⠤
⠀⠺⠊⠕⠀⠀⠋⠊⠝⠙⠊⠝⠛⠀⠍⠕⠗⠀⠎⠥⠎⠞⠁⠊⠝⠁⠃⠇⠑⠀⠺⠓⠕⠀⠉⠕⠥⠇⠙⠀⠁⠎⠅⠑⠙
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houses give their permission for the already existing pictures to be used.

this would create an image database that is unique in the world and that everyone can access free of charge, regardless of skin colour, religion, social origin or political conviction.

currently, this giga database already exists, but due to possible image rights, these 1587 images can not all be put online so easily. legally, permission is required from each individual museum and each auction house or collector.

to actively research or simply look at a worldwide unique world collection that no one has ever seen before.

if these images are put on the internet e.g. under a web site like this, all that is needed is the key directory for [illegible] anyone could access this world, [illegible] global collection of all museums and collectors worldwide.

for the book of micro-carvings, which is in preparation, this database, which has been developed and constantly updated for 15 years, forms one of several bases for the content of the book, which is in preparation.

inclusion in the unesco world heritage list

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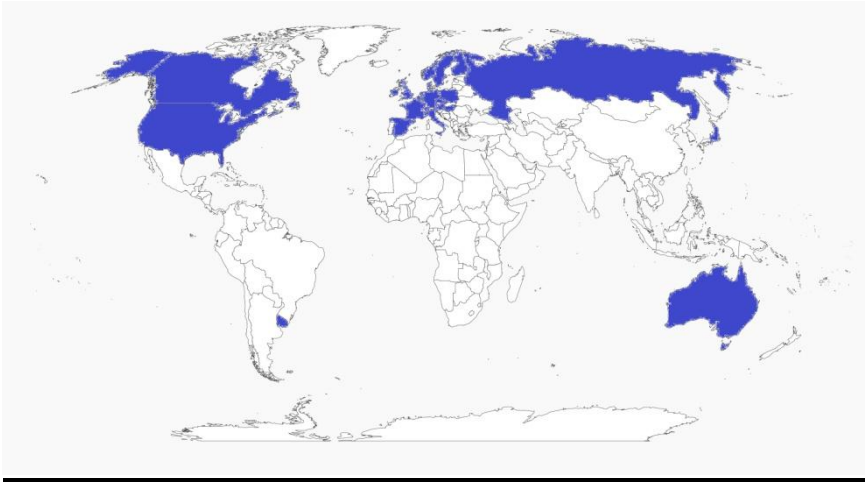
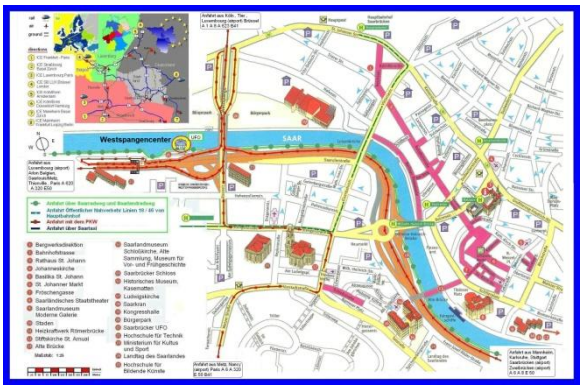
Locations an dates:



Länder	Museen	Anzahl Museumsbestand	Privatbesitz Kunsthandel	
Australien			2	
Canada			1	
Dänemark			1	
Deutschland	9	19	95	
Finnland	1	5		
Frankreich	6	141	167	
Großbrittanien	9	212	146	
Italien	4	124	112	
Irland			1	
Japan			31	
Liechtenstein	1	3		
Luxembourg			1	
Niederlande	2	2	10	
Österreich	7	25	51	
Polen	1	1		
Russland	2	29		
Schweiz	3	19	20	
Schweden	2	4		
Spanien			2	
Uruguay		9		
USA	6	8	50	
derzeit nicht zuortbar			296	
21	53	601	986	1587



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[illegible] & [illegible] über [illegible] & [illegible] & [illegible] & [illegible] and the translators who contributed to this site, (names to follow)...

Data policies and donations

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