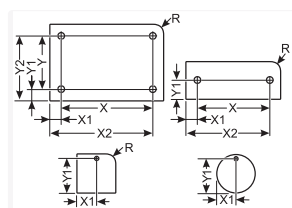




LA Circular blanks, 1x hole



Product information

The laser has served us well for years, especially for engraving and labelling of metals.

Laser Aluminum (LA) can be marked with high contrast, durable, precise, legible and fast with Murrplastik laser systems.

- Custom configuration
- Various colours
- Different geometries and holes
- Three different carrier materials available

A suction and filter unit is absolutely necessary to comply with legal regulations on health protection.

Information, conformities and approvals



| Article | Order No. | Color | Material thickness mm | Hole patterns Number x Ø mm | Diameter mm | No. per Frame | Software Article | PU pcs. |
|--|------------|--------------|-----------------------|-----------------------------|-------------|---------------|------------------|---------|
| LA D=28 SK, 1x14,1MM | 8610100354 | Red matte | | | | | | |
| LA D=35 HF, 1x3,5MM | 8610100340 | Yellow matte | | | | | | |
| LA D=35 HF, 1x3,5MM | 8610100338 | Green matte | | | | | | |
| LA D=35 HF, 1x3,5MM | 8610100339 | Red matte | | | | | | |
| Circular blanks (round version), 1 hole | | | | | | | | |
| LA D=20 HF, 1x3,0MM | 8610100446 | Black | 1 | 1x 3.0 | 20 | 25 | OV6 | 100 |
| LA D=25 HF, 1x3,2MM | 8610100496 | Blue matte | 1 | 1x 3.2 | 25 | 16 | OX5 | 64 |
| LA D=25 HF, 1x3,2MM | 8610100497 | Red matte | 1 | 1x 3.2 | 25 | 16 | OX6 | 64 |
| LA D=60 SK, 1x22,5MM | 8610100498 | Yellow matte | 1 | 1x 22.5 | 60 | 1 | OX9 | 4 |
| LA D=60 SK, 1x22,5MM | 8610100429 | Black | 1 | 1x 22.5 | 60 | 1 | OU1 | 4 |
| LA D=20 HF, 1x2,2MM | 8610100501 | Yellow matte | 1 | 1x 2.2 | 20 | 25 | OYQ | 100 |



LA Circular blanks, 1x hole

| Article | Order No. | Color | Material thickness mm | Hole patterns Number x Ø mm | Diameter mm | No. per Frame | Software Article | PU pcs. |
|-----------------------|------------|--------------|-----------------------|-----------------------------|-------------|---------------|------------------|---------|
| LA D=16 HF, 1x4,0MM | 8610100252 | Silver | 1 | 1x 4.0 | 16 | 36 | MZ3 | 144 |
| LA D=20 HF, 1x2,2MM | 8610100087 | Silver | 1 | 1x 2.2 | 20 | 25 | LOE | 100 |
| LA D=20 HF, 1x2,2MM | 8610100177 | Blue matte | 1 | 1x 2.2 | 20 | 25 | L9U | 100 |
| LA D=20 HF, 1x2,2MM | 8610100178 | Green matte | 1 | 1x 2.2 | 20 | 25 | L9V | 100 |
| LA D=20 HF, 1x2,2MM | 8610100179 | Red matte | 1 | 1x 2.2 | 20 | 25 | L9W | 100 |
| LA° D=20 HF, 1x3,5MM | 8610100008 | Silver | 1 | 1x 3.5 | 20 | 25 | LC7 | 100 |
| LA° D=20 HF, 1x3,5MM | 8610100022 | Black | 1 | 1x 3.5 | 20 | 25 | LE1 | 100 |
| LA D=20 HF, 1x3,5MM | 8610100225 | Blue | 1 | 1x 3.5 | 20 | 25 | MK4 | 100 |
| LA° D=20 HF, 1x4,2MM | 8610100011 | Silver | 1 | 1x 4.2 | 20 | 25 | L00 | 100 |
| LA° D=20 HF, 1x4,2MM | 8610100025 | Black | 1 | 1x 4.2 | 20 | 25 | LE4 | 100 |
| LA D=23.3 HF, 1x3,2MM | 8610100197 | Red glossy | 1 | 1x 3.2 | 23.3 | 16 | ME2 | 64 |
| LA° D=25 HF, 1x2,5MM | 8610100076 | Silver | 1 | 1x 2.5 | 25 | 16 | LX8 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100189 | Silver | 1 | 1x 3.0 | 25 | 16 | MC4 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100190 | Black | 1 | 1x 3.0 | 25 | 16 | MC5 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100186 | Yellow matte | 1 | 1x 3.0 | 25 | 16 | MC1 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100185 | Blue matte | 1 | 1x 3.0 | 25 | 16 | MC0 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100187 | Green matte | 1 | 1x 3.0 | 25 | 16 | MC2 | 64 |
| LA D=25 HF, 1x3,0MM | 8610100188 | Red matte | 1 | 1x 3.0 | 25 | 16 | MC3 | 64 |
| LA D=25 HF, 1x3,2MM | 8610100104 | Silver | 1 | 1x 3.2 | 25 | 16 | L1V | 64 |
| LA D=25 HF, 1x3,2MM | 8610100246 | Silver | 1 | 1x 3.2 | 25 | 16 | MT5 | 64 |
| LA D=25 HF, 1x3,5MM | 8610100038 | Black | 1 | 1x 3.2 | 25 | 16 | LL4 | 64 |
| LA° D=25 HF, 1x3,5MM | 8610100009 | Silver | 1 | 1x 3.5 | 25 | 16 | LC8 | 64 |

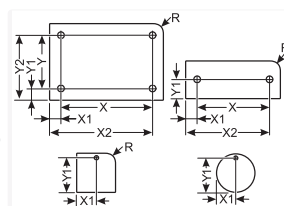


LA Circular blanks, 1x hole

| Article | Order No. | Color | Material thickness mm | Hole patterns Number x Ø mm | Diameter mm | No. per Frame | Software Article | PU pcs. |
|----------------------|------------|--------------|-----------------------|-----------------------------|-------------|---------------|------------------|---------|
| LA° D=25 HF, 1x3,5MM | 8610100023 | Black | 1 | 1x 3.5 | 25 | 16 | LE2 | 64 |
| LA° D=25 HF, 1x4,2MM | 8610100012 | Silver | 1 | 1x 4.2 | 25 | 16 | LD1 | 64 |
| LA° D=25 HF, 1x4,2MM | 8610100026 | Black | 1 | 1x 4.2 | 25 | 16 | LE5 | 64 |
| LA D=28 HF, 1x14,0MM | 8610100155 | Black | 1 | 1x 14.0 | 28 | 9 | L7J | 36 |
| LA° D=30 HF, 1x3,5MM | 8610100010 | Silver | 1 | 1x 3.5 | 30 | 9 | LC9 | 36 |
| LA° D=30 HF, 1x3,5MM | 8610100024 | Black | 1 | 1x 3.5 | 30 | 9 | LE3 | 36 |
| LA D=30 HF, 1x3,5MM | 8610100250 | Blue glossy | 1 | 1x 3.5 | 30 | 9 | MX0 | 36 |
| LA D=30 HF, 1x3,5MM | 8610100300 | Green glossy | 1 | 1x 3.5 | 30 | 9 | NQ6 | 36 |
| LA° D=30 HF, 1x4,2MM | 8610100013 | Silver | 1 | 1x 4.2 | 30 | 9 | LD2 | 36 |
| LA° D=30 HF, 1x4,2MM | 8610100027 | Black | 1 | 1x 4.2 | 30 | 9 | LE6 | 36 |
| LA D=50 HF, 1x3,0MM | 8610100073 | Black | 1 | 1x 3.0 | 50 | 4 | LW3 | 16 |



LA Circular blanks, 1x hole

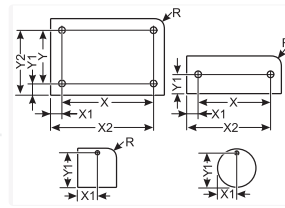


Laser labelling material dimensions table

| Article | Order No. | Drill hole position | |
|--|------------|---------------------|---------------------------|
| | | X1 mm | Drill hole position Y1 mm |
| LA D=28 SK, 1x14,1MM | 8610100354 | | |
| LA D=35 HF, 1x3,5MM | 8610100340 | | |
| LA D=35 HF, 1x3,5MM | 8610100338 | | |
| LA D=35 HF, 1x3,5MM | 8610100339 | | |
| Circular blanks (round version), 1 hole | | | |
| LA D=20 HF, 1x3,0MM | 8610100446 | 10 | 4.5 |
| LA D=25 HF, 1x3,2MM | 8610100496 | 12.5 | 3.5 |
| LA D=25 HF, 1x3,2MM | 8610100497 | 12.5 | 21.5 |
| LA D=60 SK, 1x22,5MM | 8610100498 | 30 | 30 |
| LA D=60 SK, 1x22,5MM | 8610100429 | 30 | 30 |
| LA D=20 HF, 1x2,2MM | 8610100501 | 10 | 3.3 |
| LA D=16 HF, 1x4,0MM | 8610100252 | 8 | 8 |
| LA D=20 HF, 1x2,2MM | 8610100087 | 10 | 16.7 |
| LA D=20 HF, 1x2,2MM | 8610100177 | 10 | 16.7 |
| LA D=20 HF, 1x2,2MM | 8610100178 | 10 | 16.7 |
| LA D=20 HF, 1x2,2MM | 8610100179 | 10 | 16.7 |
| LA [°] D=20 HF, 1x3,5MM | 8610100008 | 10 | 15.9 |
| LA [°] D=20 HF, 1x3,5MM | 8610100022 | 10 | 15.9 |
| LA D=20 HF, 1x3,5MM | 8610100225 | 10 | 15.5 |
| LA [°] D=20 HF, 1x4,2MM | 8610100011 | 10 | 15.9 |
| LA [°] D=20 HF, 1x4,2MM | 8610100025 | 10 | 15.9 |



LA Circular blanks, 1x hole

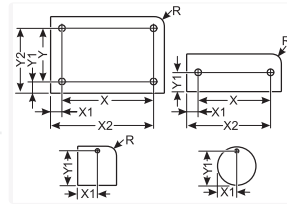


Laser labelling material dimensions table

| Article | Order No. | Drill hole position | |
|----------------------------------|------------|---------------------|-------|
| | | X1 mm | Y1 mm |
| LA D=23.3 HF, 1x3,2MM | 8610100197 | 11.65 | 19.8 |
| LA [°] D=25 HF, 1x2,5MM | 8610100076 | 12.5 | 21.2 |
| LA D=25 HF, 1x3,0MM | 8610100189 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,0MM | 8610100190 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,0MM | 8610100186 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,0MM | 8610100185 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,0MM | 8610100187 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,0MM | 8610100188 | 12.5 | 20.5 |
| LA D=25 HF, 1x3,2MM | 8610100104 | 12.5 | 20.2 |
| LA D=25 HF, 1x3,2MM | 8610100246 | 12.5 | 4.8 |
| LA D=25 HF, 1x3,5MM | 8610100038 | 12.5 | 20.2 |
| LA [°] D=25 HF, 1x3,5MM | 8610100009 | 12.5 | 20.9 |
| LA [°] D=25 HF, 1x3,5MM | 8610100023 | 12.5 | 20.9 |
| LA [°] D=25 HF, 1x4,2MM | 8610100012 | 12.5 | 20.9 |
| LA [°] D=25 HF, 1x4,2MM | 8610100026 | 12.5 | 20.9 |
| LA D=28 HF, 1x14,0MM | 8610100155 | 14 | 14 |
| LA [°] D=30 HF, 1x3,5MM | 8610100010 | 15 | 25.9 |
| LA [°] D=30 HF, 1x3,5MM | 8610100024 | 15 | 25.9 |
| LA D=30 HF, 1x3,5MM | 8610100250 | 15 | 24.75 |
| LA D=30 HF, 1x3,5MM | 8610100300 | 15 | 24.75 |
| LA [°] D=30 HF, 1x4,2MM | 8610100013 | 15 | 25.9 |
| LA [°] D=30 HF, 1x4,2MM | 8610100027 | 15 | 25.9 |



LA Circular blanks, 1x hole



Laser labelling material dimensions table

| Article | Order No. | Drill hole position | |
|------------------------|------------|---------------------|---------------------------|
| | | X1 mm | Drill hole position Y1 mm |
| LA D=50 HF, 1x3,0MM | 8610100073 | 25 | 45.5 |

Material properties



Aluminium anodised (ALU) |

Adhesive properties



467, 5016 SK adhesive film with adhesive, SKS adhesive film with foam adhesive

Thermal properties



Temperature / temperature range -40 °C – 140 °C
short termshort term: 200 °C

Fire properties



Fire classification V0

General technical data



° Standard product, available from stock



Industry standard color deviations possible

Assembly method



Riveting system



Screw system



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Labelling technology



Laser devices