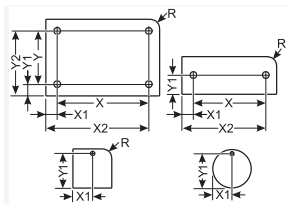




LA Rectangular with radius, 4x oblong hole



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 | Printable area mm | No. characters/lines | Hole patterns Number x Ø mm | No. per Frame | Software Article | PU pcs. |
|--|------------|-----------------|-----------------------|-------------------|----------------------|-----------------------------|---------------|------------------|---------|
| Rectangular design with corner radius and 4 slots | | | | | | | | | |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100347 | Blue matte | 1 | 102 x 11.5 | 56 / 3 | 4x | 6 | OD4 | 24 |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100349 | Green | 1 | 102 x 11.5 | 56 / 3 | 4x | 6 | OD6 | 24 |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100348 | Red matte | 1 | 102 x 11.5 | 56 / 3 | 4x | 6 | OD5 | 24 |
| LA 40x12 R1,5 HF, 4x (5x3MM) VE 320 | 8610100466 | Silver anodized | 1 | 23 x 12 | 12 / 3 | 4x | 16 | OWE | 320 |
| LA 60x12 R2 HF, 4x (5x3MM) VE 160 | 8610100467 | Silver anodized | 1 | 42 x 12 | 23 / 3 | 4x | 8 | OWF | 160 |
| LA 60x17 R1,5 HF, 4x (7x3MM) VE 120 | 8610100472 | Silver anodized | 1 | 36 x 17 | 20 / 5 | 4x | 6 | OWK | 120 |
| LA° 40x12 R1,5 HF, 4x (5x3MM) | 8610100007 | Silver | 1 | 23 x 12 | 12 / 3 | 4x | 16 | LC6 | 64 |
| LA° 40x12 R1,5 HF, 4x (5x3MM) | 8610100021 | Black | 1 | 23 x 12 | 12 / 3 | 4x | 16 | LEO | 64 |
| LA 40x12 R2 HF, 4x (5x3MM) | 8610100047 | Silver | 1 | 23 x 12 | 12 / 3 | 4x | 16 | L00 | 64 |

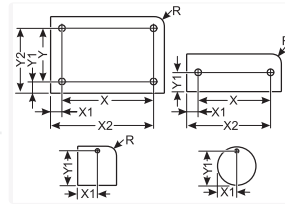


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| Article | Order No. | Color | Material thickness mm | Printable area mm | No. characters/lines | Hole patterns Number x Ø mm | No. per Frame | Software Article | PU pcs. |
|-------------------------------|------------|-----------|-----------------------|-------------------|----------------------|-----------------------------|---------------|------------------|---------|
| LA 54x12 R2 HF, 4x (4x3MM) | 8610100285 | Red matte | 1 | 33 x 12 | 18 / 3 | 4x | 16 | NM1 | 64 |
| LA° 60x12 R2 HF, 4x (5x3MM) | 8610100001 | Silver | 1 | 42 x 12 | 23 / 3 | 4x | 8 | LC0 | 32 |
| LA° 60x12 R2 HF, 4x (5x3MM) | 8610100015 | Black | 1 | 42 x 12 | 23 / 3 | 4x | 8 | LD4 | 32 |
| LA° 60x17 R1,5 HF, 4x (7x3MM) | 8610100000 | Silver | 1 | 36 x 17 | 20 / 5 | 4x | 6 | LB9 | 24 |
| LA° 60x17 R1,5 HF, 4x (7x3MM) | 8610100014 | Black | 1 | 36 x 17 | 20 / 5 | 4x | 6 | LD3 | 24 |
| LA 100x18 R2 HF, 4x (4x2MM) | 8610100153 | Silver | 1 | 82 x 18 | 45 / 5 | 4x | 5 | L7E | 20 |
| LA 100x18 R2 HF, 4x (5x3MM) | 8610100195 | Silver | 1 | 80 x 18 | 44 / 5 | 4x | 5 | MD9 | 20 |



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Laser labelling material dimensions table

| Article | Order No. | Outside radius R mm | Drill hole pitch X mm | Drill hole pitch Y mm | Drill hole position X1 mm | Drill hole position Y1 mm | Drill hole position X2 mm | Drill hole position Y2 mm |
|--|------------|---------------------|-----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Rectangular design with corner radius and 4 slots | | | | | | | | |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100347 | 0.5 | 108 | 13.5 | 6 | 2.75 | 114 | 16.25 |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100349 | 0.5 | 108 | 13.5 | 6 | 2.75 | 114 | 16.25 |
| LA 120x19 R0,5 HF, 4x (6x2MM) | 8610100348 | 0.5 | 108 | 13.5 | 6 | 2.75 | 114 | 16.25 |
| LA 40x12 R1,5 HF, 4x (5x3MM) VE 320 | 8610100466 | 1.5 | 30 | 6 | 5 | 3 | 35 | 9 |
| LA 60x12 R2 HF, 4x (5x3MM) VE 160 | 8610100467 | 2 | 49 | 6 | 5.5 | 3 | 54.5 | 9 |
| LA 60x17 R1,5 HF, 4x (7x3MM) VE 120 | 8610100472 | 1.5 | 45 | 10 | 7.5 | 3.5 | 52.5 | 13.5 |
| LA [°] 40x12 R1,5 HF, 4x (5x3MM) | 8610100007 | 1.5 | 30 | 6 | 5 | 3 | 35 | 9 |
| LA [°] 40x12 R1,5 HF, 4x (5x3MM) | 8610100021 | 1.5 | 30 | 6 | 5 | 3 | 35 | 9 |
| LA 40x12 R2 HF, 4x (5x3MM) | 8610100047 | 2 | 29 | 5 | 5.5 | 3.5 | 34.5 | 8.5 |
| LA 54x12 R2 HF, 4x (4x3MM) | 8610100285 | 2 | 41 | 5 | 6.5 | 3.5 | 47.5 | 8.5 |
| LA [°] 60x12 R2 HF, 4x (5x3MM) | 8610100001 | 2 | 49 | 6 | 5.5 | 3 | 54.5 | 9 |
| LA [°] 60x12 R2 HF, 4x (5x3MM) | 8610100015 | 2 | 49 | 6 | 5.5 | 3 | 54.5 | 9 |
| LA [°] 60x17 R1,5 HF, 4x (7x3MM) | 8610100000 | 1.5 | 45 | 10 | 7.5 | 3.5 | 52.5 | 13.5 |
| LA [°] 60x17 R1,5 HF, 4x (7x3MM) | 8610100014 | 1.5 | 45 | 10 | 7.5 | 3.5 | 52.5 | 13.5 |
| LA 100x18 R2 HF, 4x (4x2MM) | 8610100153 | 2 | 90 | 12 | 5 | 3 | 95 | 15 |
| LA 100x18 R2 HF, 4x (5x3MM) | 8610100195 | 2 | 90 | 10 | 5 | 4 | 95 | 14 |

Material properties



Aluminium anodised (ALU) |



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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



Cable ties

Labelling technology



Laser devices