

COPPER BERYLLIUM FINGER STRIPS/CB



Various selection of Copper Beryllium Finger Strips

Feature

- Copper beryllium owes its wide range of application to the unique performance qualities it has:
 - extraordinary elasticity
 - strength
 - fatigue strength
 - high conductivity
 - resistance against environmental influences such as ozone, epipolar rays and light, also against solvents and corrosion.
- Furthermore, copper beryllium can be used under a wide temperature range and is not burnable or flammable. It does not evolve gas either. If handled correctly, it acts self purifying, for example when it is employed as a door shield for opening and closing.

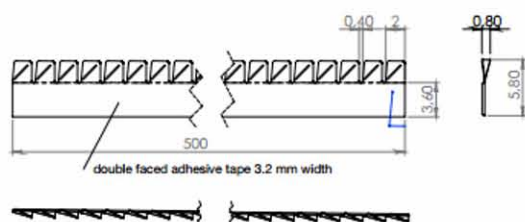
Technical Data

| | |
|--|--------------------------------|
| Specific gravity | 8,4 g/cm ³ |
| Fusing point | 900 °C |
| Coefficient of expansion (20-200 °C) | 17 10 ⁻⁶ /°C |
| Thermal conductivity | 0.27 cal/cm s °C; 1.13 W/cm °C |
| Diamond pyramid hardness | 350-430 kp/mm ² |
| Tensile strength | 1200-1450 N/mm ² |
| Fatigue strength, load application 10 ⁸ | 250-290 N/mm ² |
| Modulus of elasticity | 135000 N/mm ² |
| Torsion modulus | 47000 N/mm ² |
| Spring bending limit | 820-950 N/mm ² |
| Electric conductivity | 12.5-13 m/Ωmm ² |

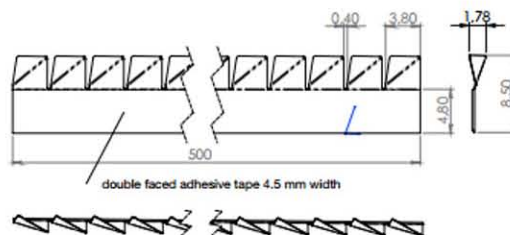
| Plating finishes |
|-------------------|
| -01 Bright finish |
| -02 Tin plated |
| -03 Silver plated |
| -04 Nickel plated |
| -05 Gold plated |

| Ordering information | Part No. | Finish-ID. | length (mm) | | |
|----------------------|----------|------------|-------------|----|---|
| | CB- | xxxx | - | xx | - |

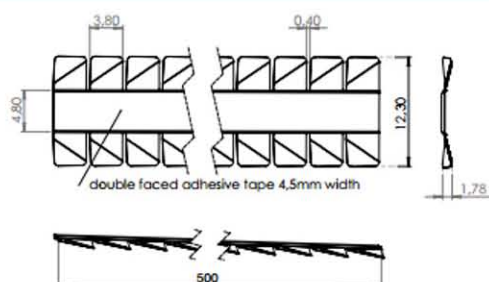
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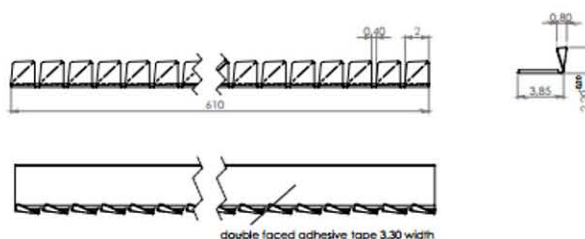
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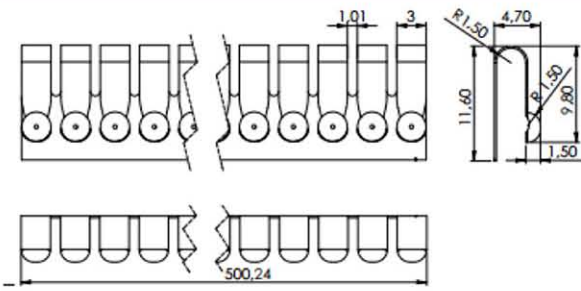
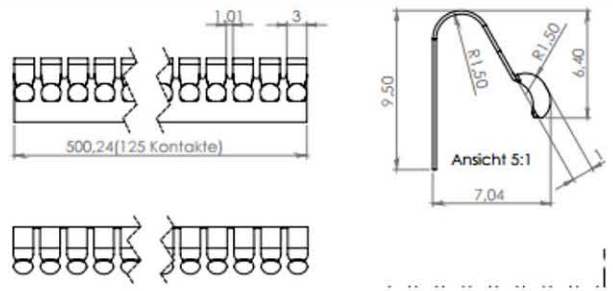
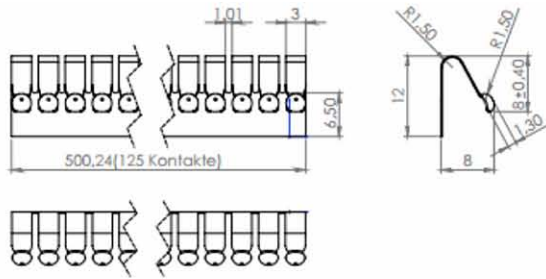
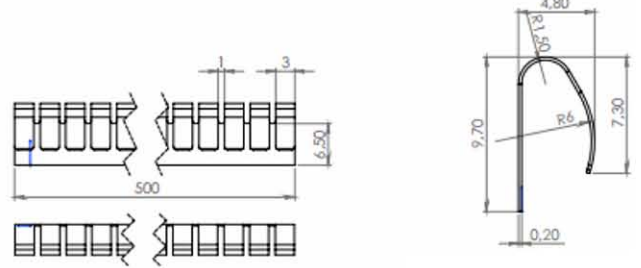
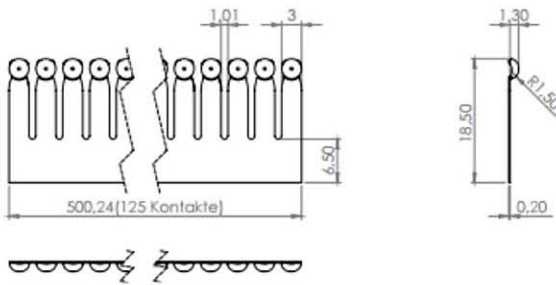
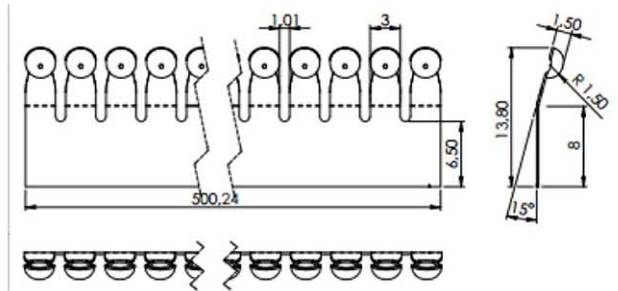
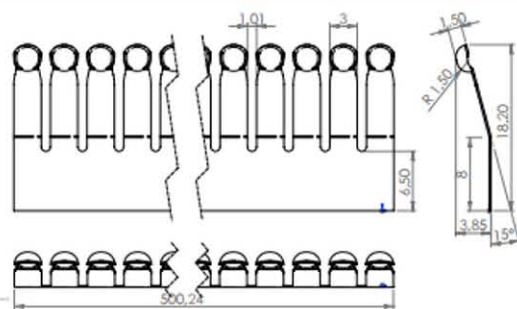
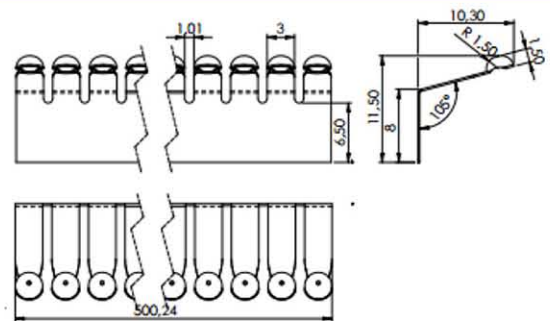
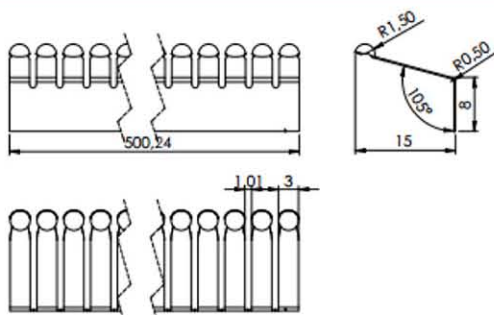
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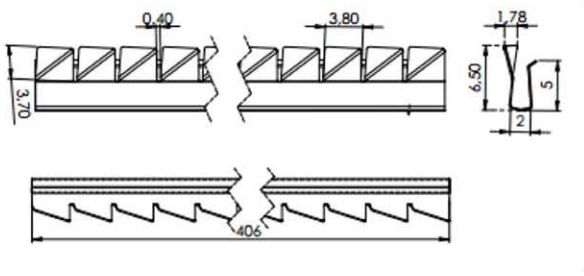
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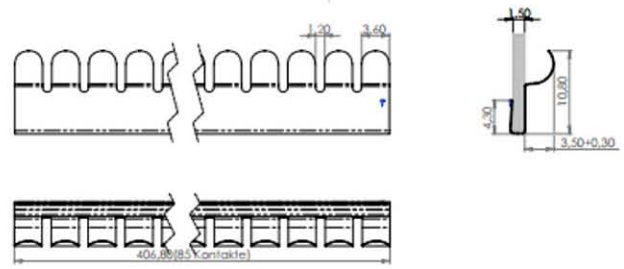
Unit: mm

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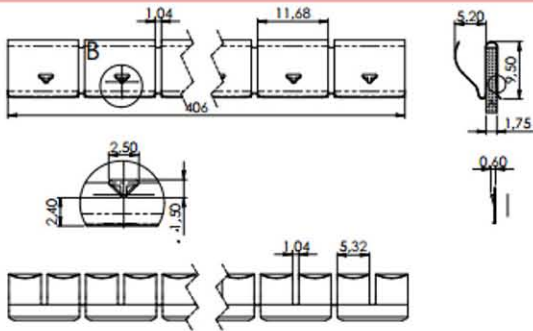
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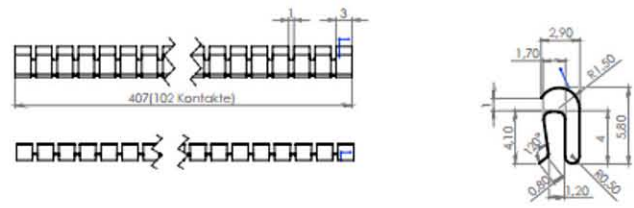
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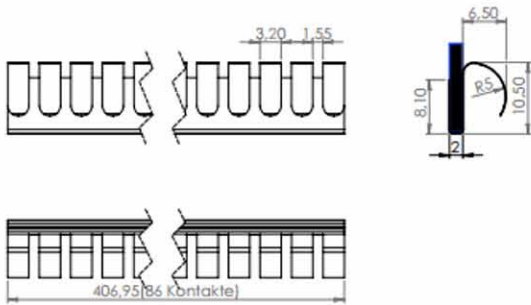
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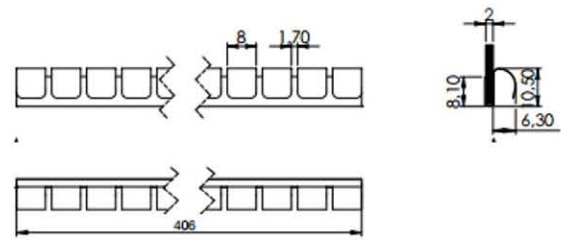
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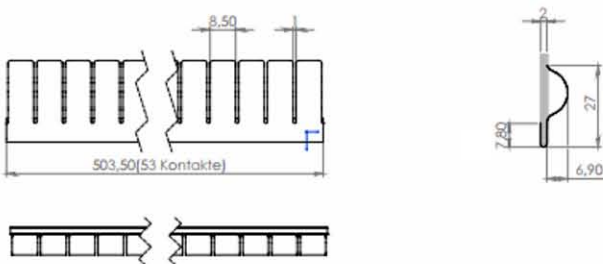
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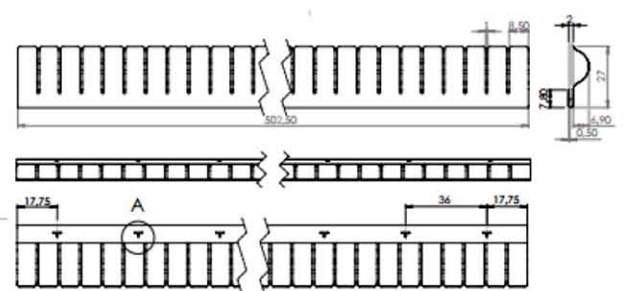
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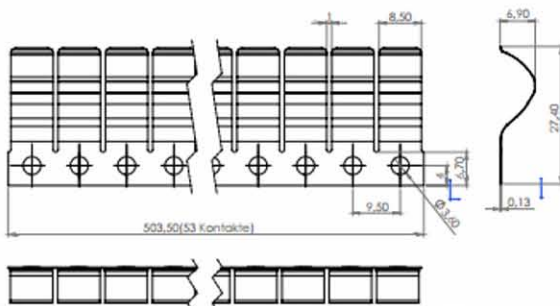
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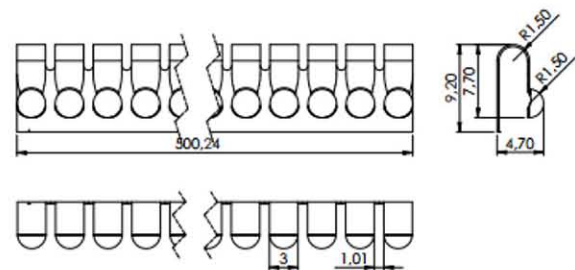
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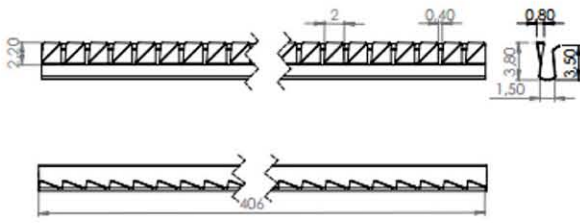
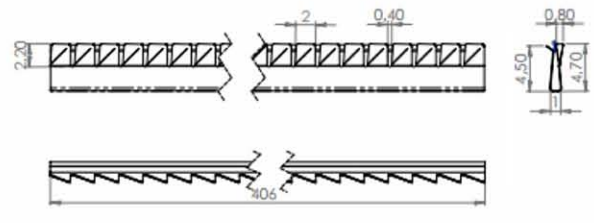
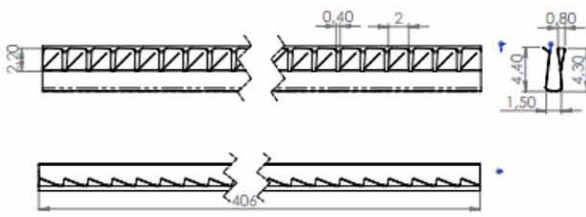
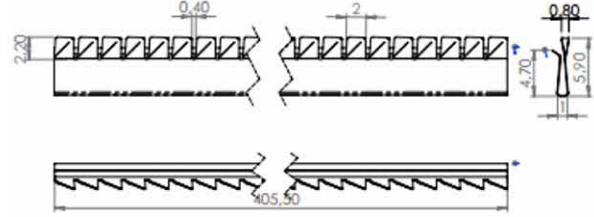
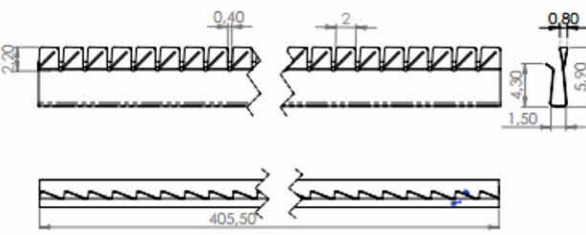
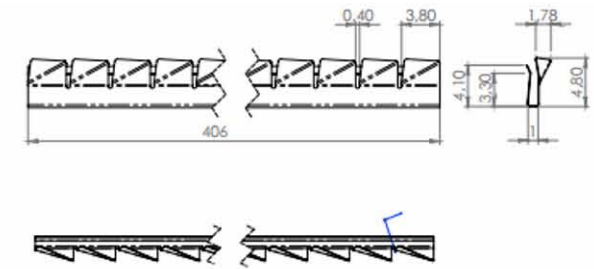
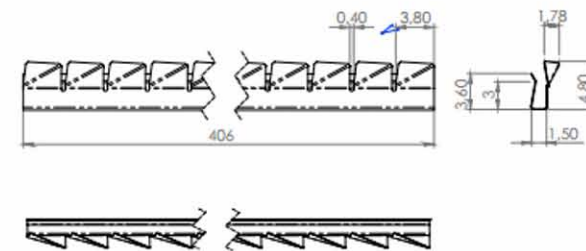
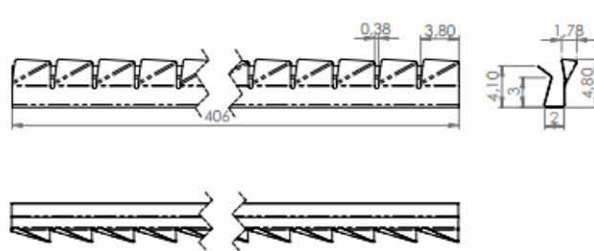
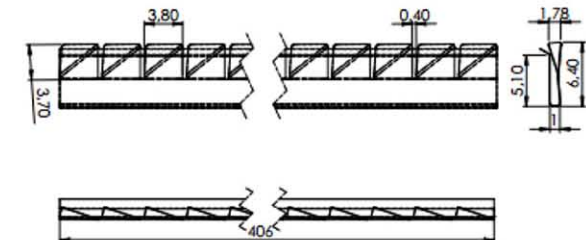
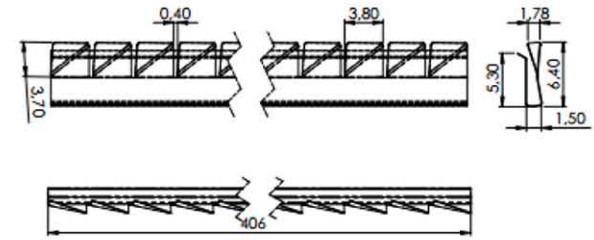
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CB-0048

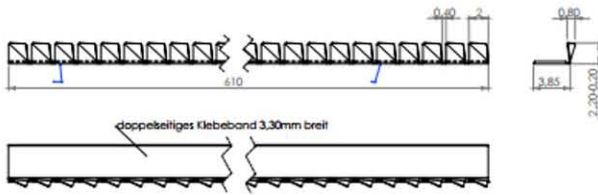


Unit: mm

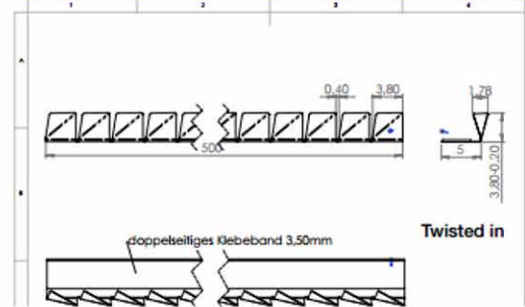
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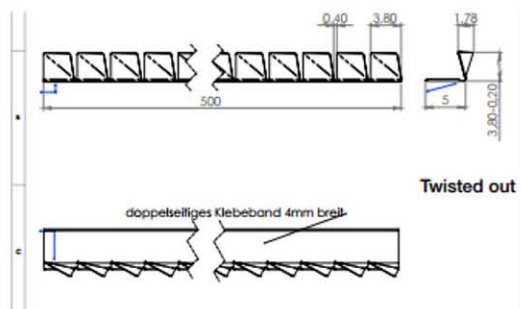
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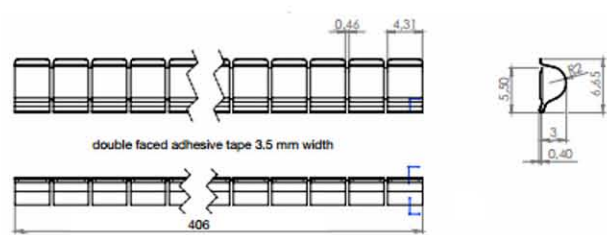
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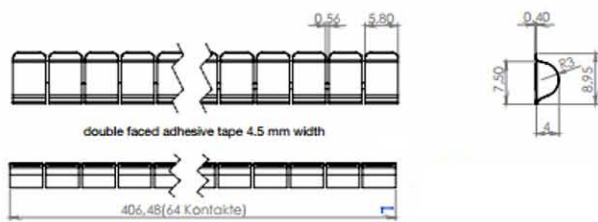
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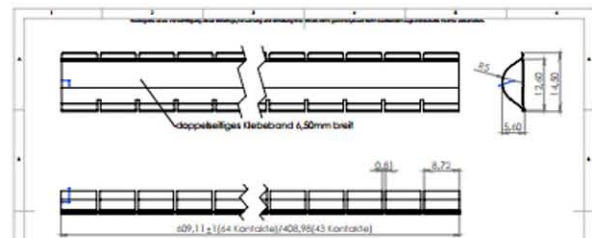
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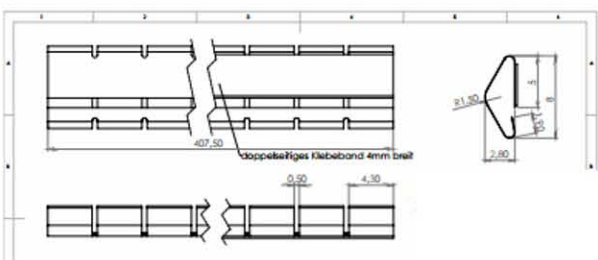
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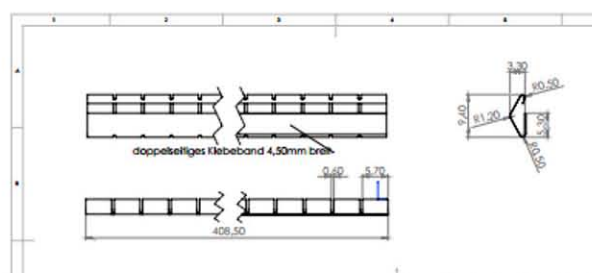
CB-0012



CB-0013



CB-0014



CB-0015



CB-0016

