

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

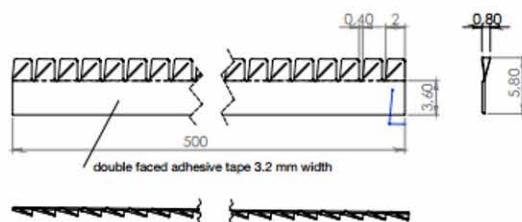
Specific gravity	8,4 g/cm ³
Fusing point	900 °C
Coefficient of expansion (20-200 °C)	17 10 ⁻⁶ /°C
Thermal conductivity	0.27 cal/cm s °C; 1.13 W/cm °C
Diamond pyramid hardness	350-430 kp/mm ²
Tensile strength	1200-1450 N/mm ²
Fatigue strength, load application 10 ⁸	250-290 N/mm ²
Modulus of elasticity	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

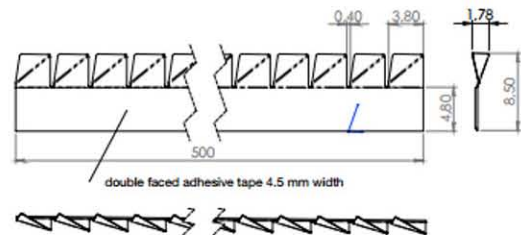
-01 Bright finish
-02 Tin plated
-03 Silver plated
-04 Nickel plated
-05 Gold plated

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

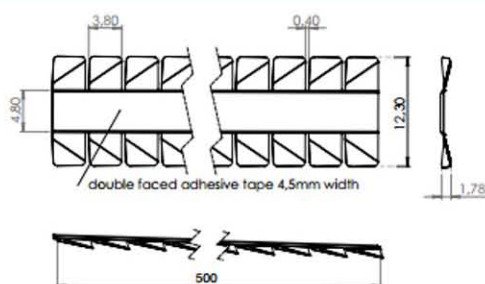
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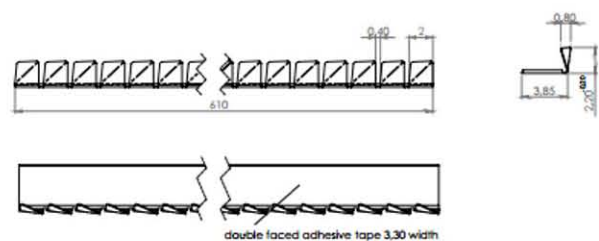
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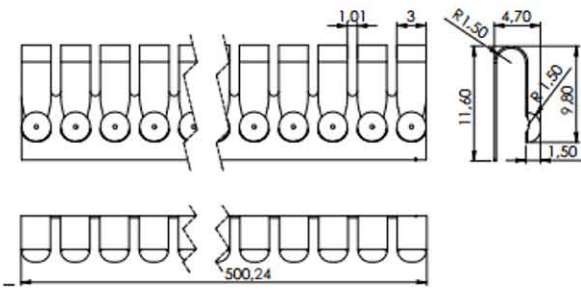
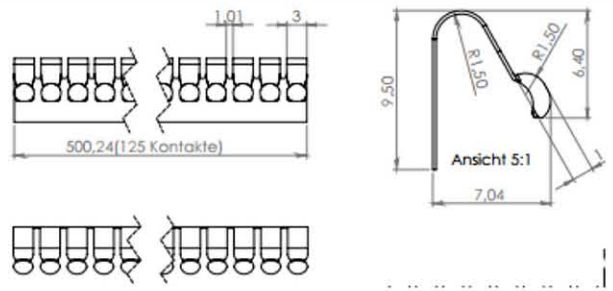
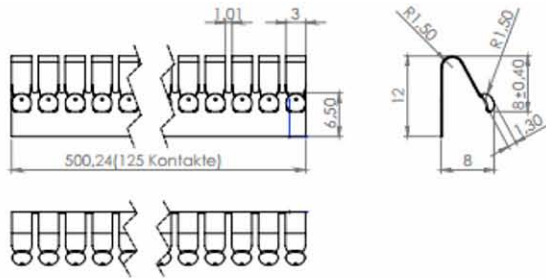
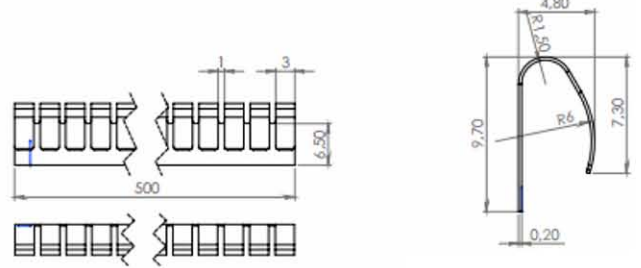
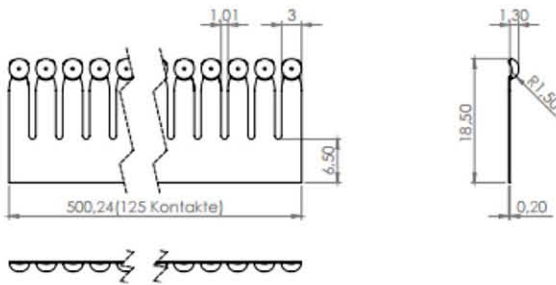
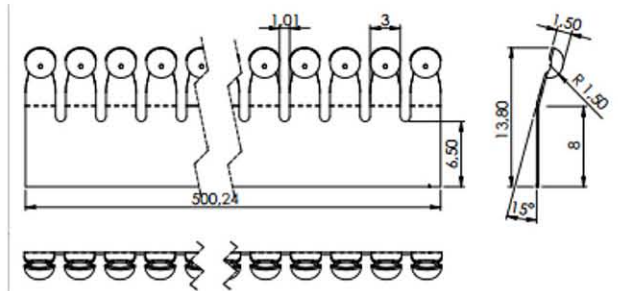
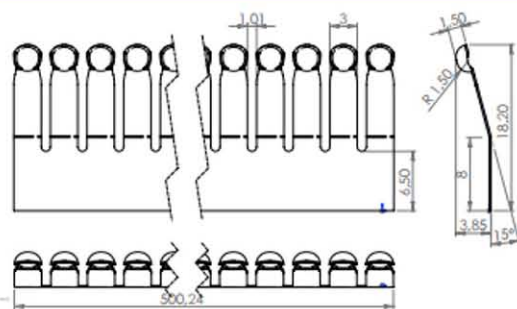
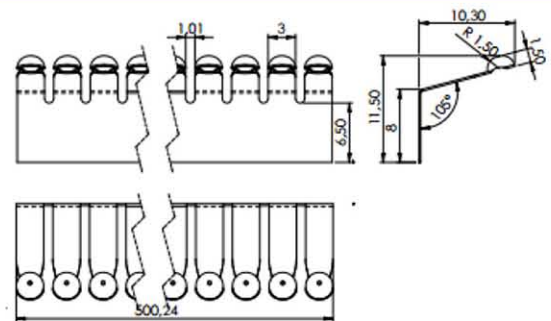
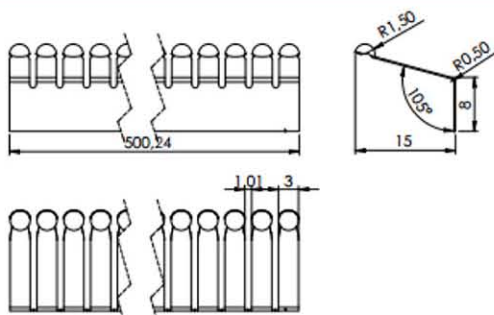
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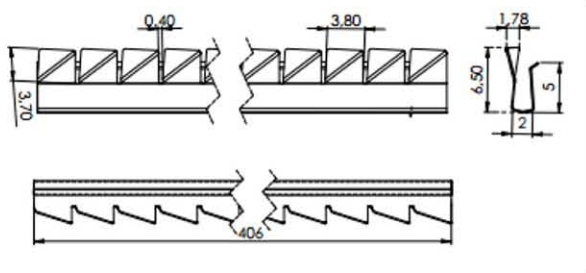
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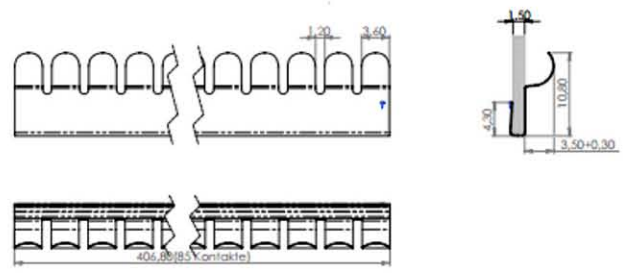
Unit: mm

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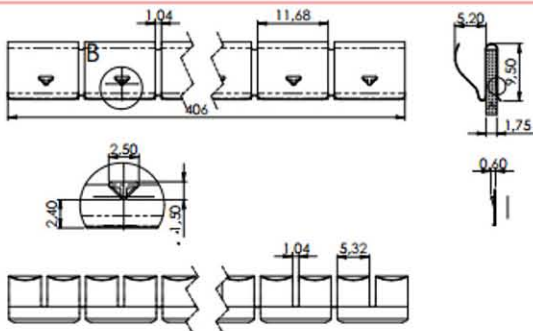
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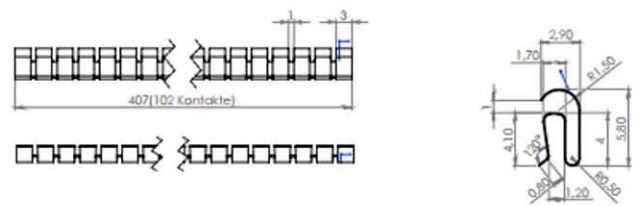
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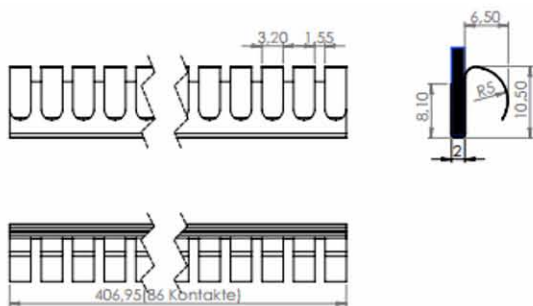
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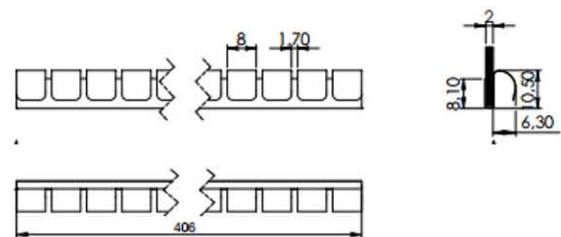
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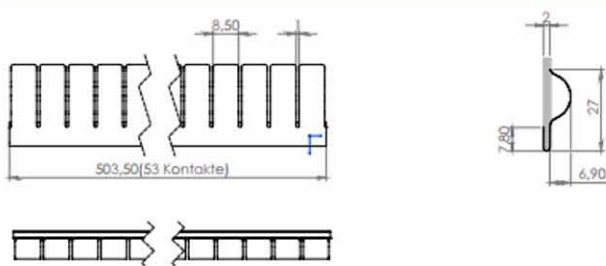
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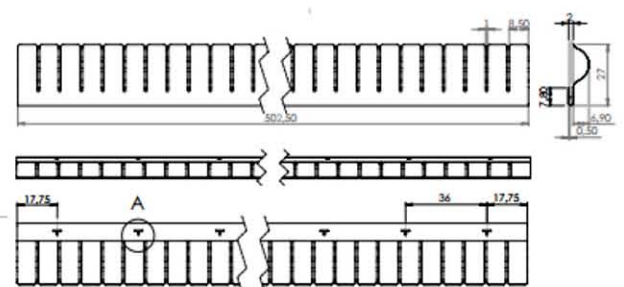
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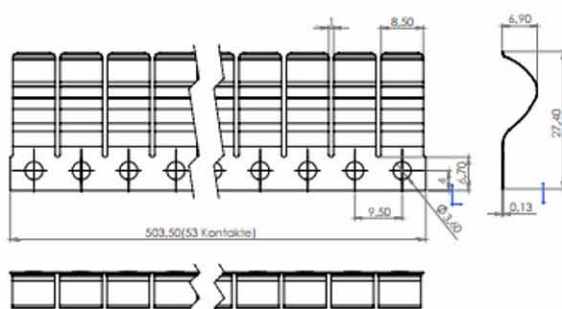
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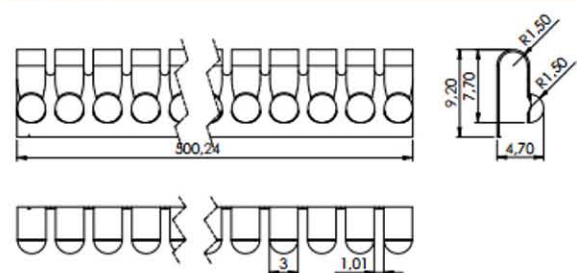
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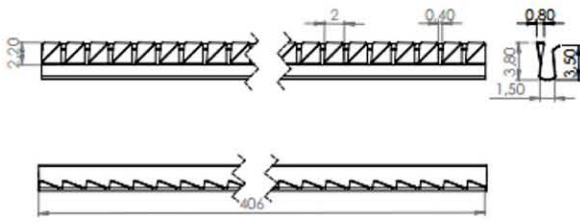
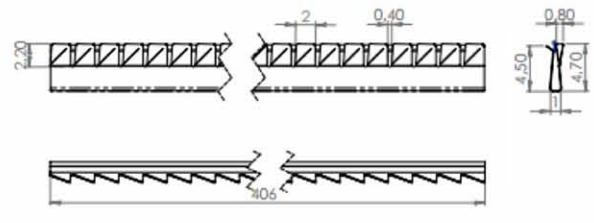
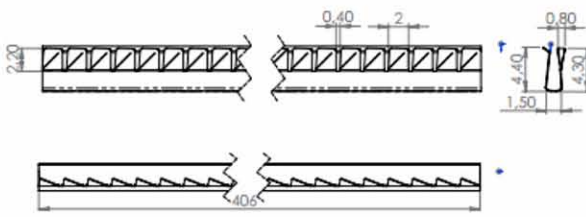
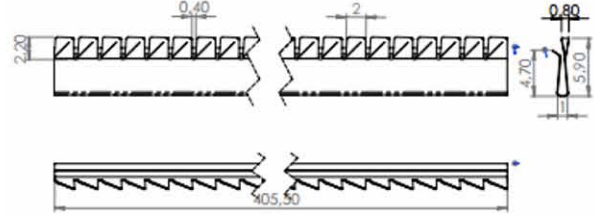
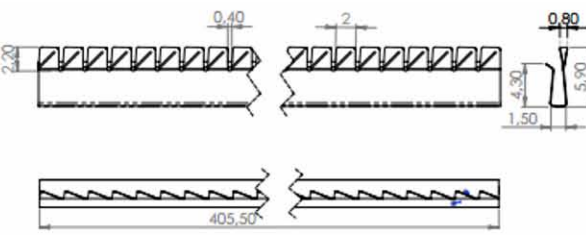
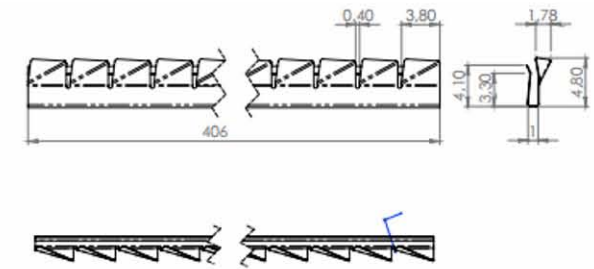
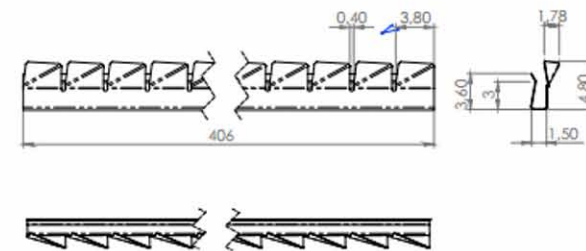
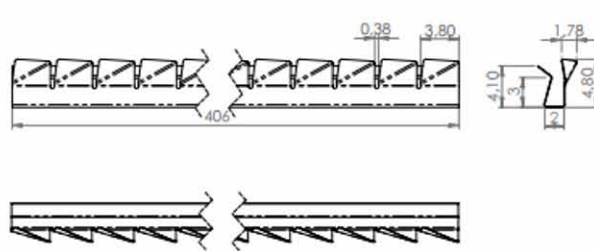
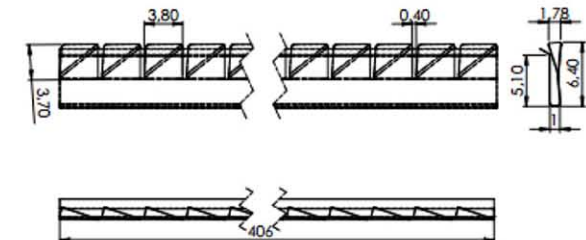
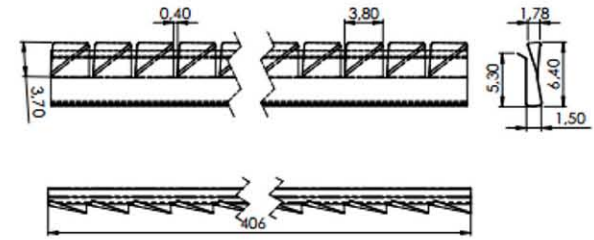
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CB-0048

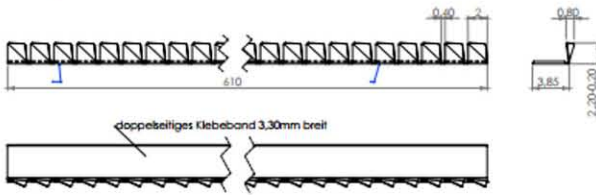


Unit: mm

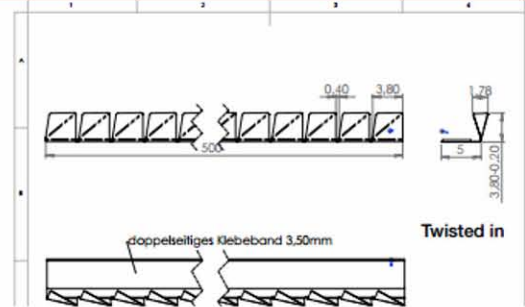
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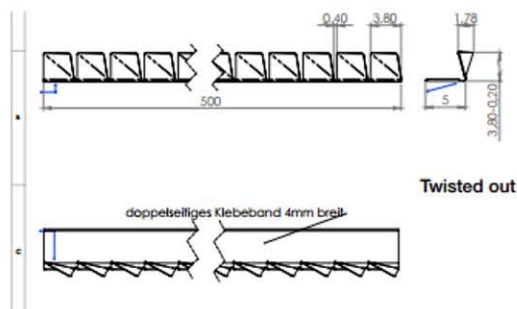
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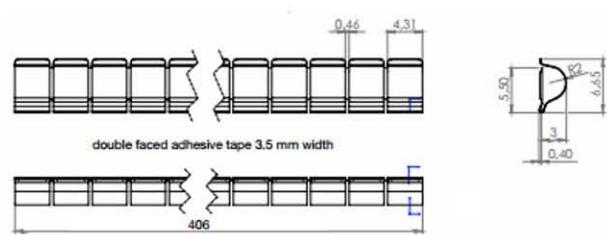
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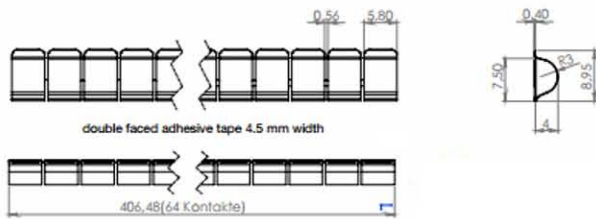
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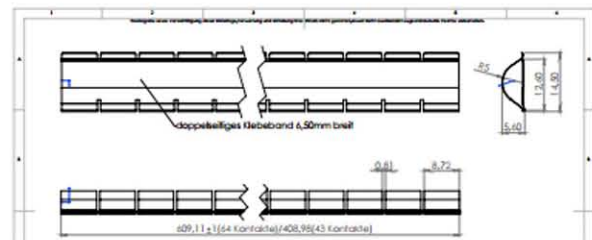
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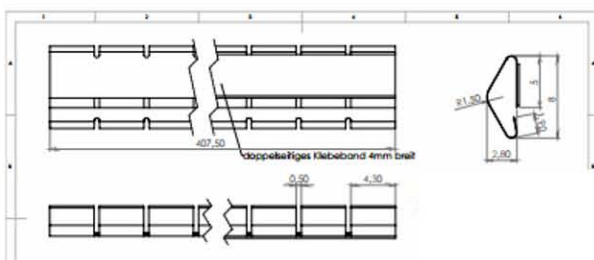
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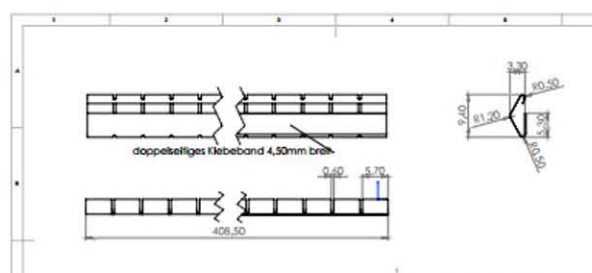
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CB-0013



CB-0014



CB-0015



CB-0016

