

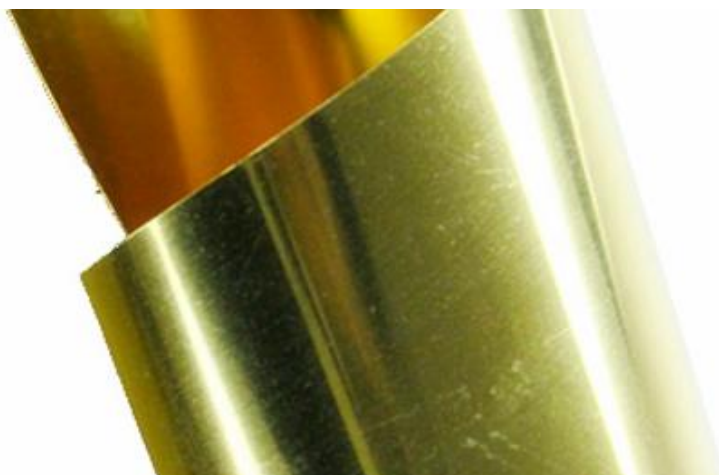
## H62 brass strip roll

Brass factory, more than 10 years manufacture experience, attained ISO9001, work on OEM and ODM projects..

### 1. Introduction of the H62 brass strip roll

Brass is a binary alloy composed of copper and zinc that has been produced for millennia and is valued for its workability, hardness, corrosion resistance and attractive appearance.

H62/ C28000 / CuZn38 brass, with copper content 62%, has good mechanical properties, good plasticity in hot state and plasticity in cold state, good machinability, easy brazing and welding, corrosion resistance. In addition, the price is cheap and it is a common brass variety widely used.



### 2. Grade and temper for H62 brass strip roll

Grade: C28000, CDA280, C2800, CZ109, H62, CuZn38

Temper: O(M), 1/4H(Y4), 1/2H(Y2), H(Y), HH(T)

### Different countries' Standard comparison table of brass

GB	DIN		EN		ISO	UNS	JIS
H96	CuZn5	2.0220	CuZn5	CE500L	CuZn5	C21000	C2100
H90	CuZn10	2.0230	CuZn10	CW501L	CuZn10	C22000	C2200
H85	CuZn15	2.0240	CuZn15	CW502L	CuZn15	C23000	C2300
H80	CuZn20	2.0250	CuZn20	CW503L	CuZn20	C24000	C2400

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H70	CuZn30	2.0265	CuZn30	CW505L	CuZn30	C26000	C2600
H68	CuZn33	2.0280	CuZn33	CW506L	CuZn35	C26800	C2680
H65	CuZn36	2.0335	CuZn36	CW507L	CuZn35	C27000	C2700
H63	CuZn37	2.0321	CuZn37	CW508L	CuZn37	C27200	C2720
H62	CuZn38	2.0360	CuZn38	CW509N	CuZn38	C28000	C2800

### 3. Chemical composition of H62 brass strip roll

#### Chemical composition

Cu : 60.5~63.5

Zn: balance

Pb: ≤0.08

P: ≤0.01

Fe: ≤0.15

Sb : ≤0.005

Bi: ≤0.005

impurity: ≤0.5

### 4. Dimension and tolerance of H62 brass strip roll

Specification (mm)	
Thickness	Width
0.08~0.12	≤300
>0.12~0.15	≤600
>0.15~<0.50	≤600
0.5~3.0	≤1000

### 5. Characteristics of H62 brass strip roll

#### Physical Properties

Density	8.47 g/cm <sup>3</sup>	0.306 lb/in <sup>3</sup>
Melting point	904°C	1660°F

#### Mechanical properties

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状态 Status		抗拉强度 RM/(N/mm) Tensile Strength		延伸率 A <sub>11.3</sub> / % Elongation		硬度 Hardness	
M	—	≥290	—	≥40	—	≤90	—
Y4	H01	325-410	340-405	≥35	—	85-115	43-57
Y2	H02	355-460	380-450	≥25	—	100-130	54-64
Y	H04	410-540	470-540	≥13	—	120-160	68-72
T	H06	520-620	545-615	≥4	—	150-190	73-75
TY	H08	≥570	595-655	—	—	≥180	75-77

### 6. Application of H62 brass strip roll

C28000/H62/ CuZn38 is used for all kinds of deep drawing and bending parts, such as pins, washers, pipes, barometer springs, screens, radiator parts and so on.

### 7. Manufacture plant of H62 brass strip roll



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**8. Tests and inspection for H62 brass strip roll**

Test instrument : Metallographic Microscope; Digital Light Processor; Strength Tester; Hardness Tester.



**9. Quality certificate for H62 brass strip roll**

**CERTIFICATE**



**10. Packing and shipping for H62 brass strip roll**

**Packing:**

First wrapped by anti-rust paper, second wrapped by plastic film, then packed by

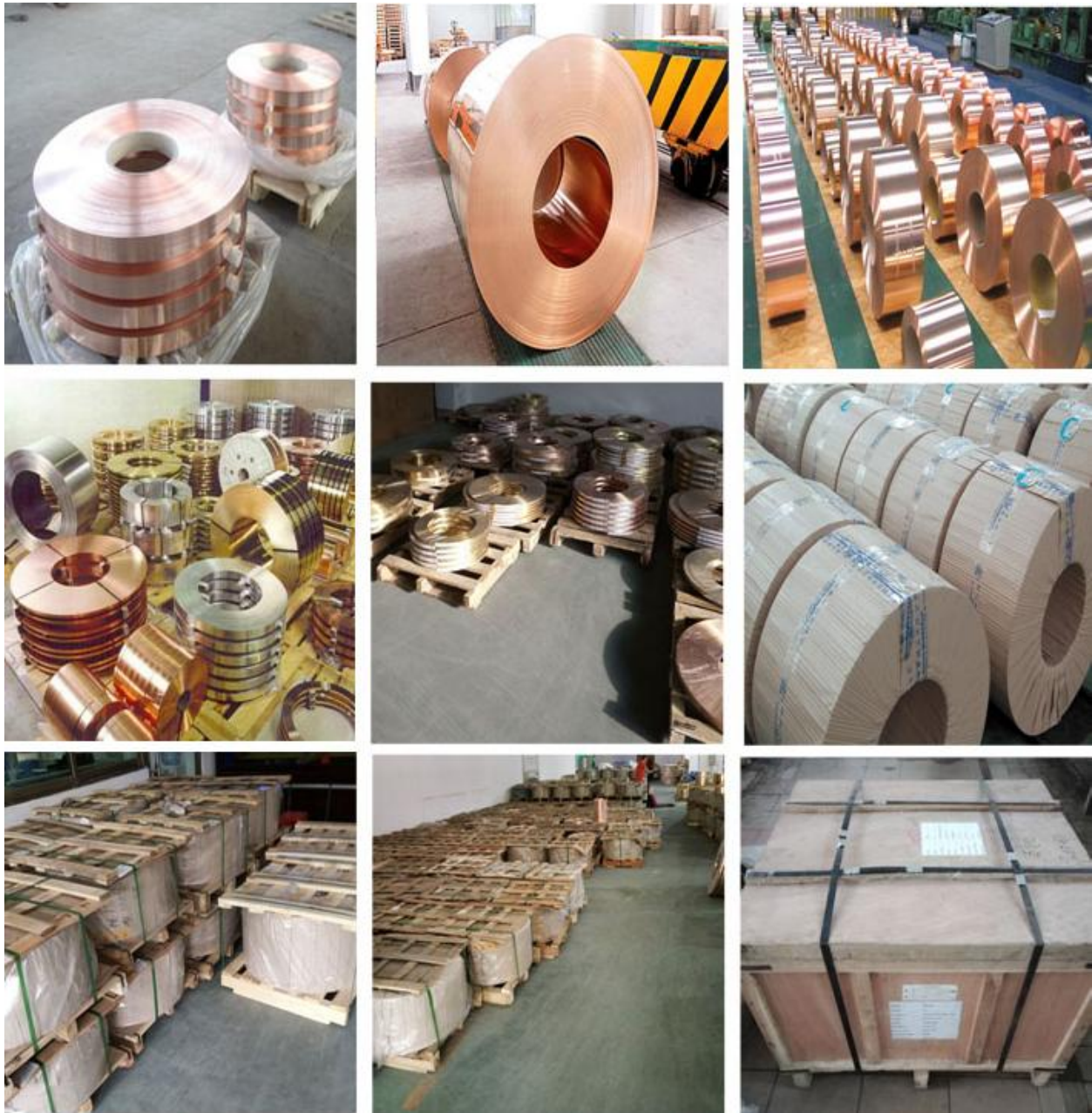
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wooden box or wooden pallet ..



### Shipping:

We will choose the best way according to customer's requests.

1. By Air, to the indicated airport.
2. By Express (FedEx, UPS, DHL, TNT, EMS), to the indicated address.
2. By Sea, to the indicated sea port.

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## 11. Questions and Answers

### a1. Do you have ISO certificate?

Yes, we obtained ISO9001

### a2. How long is your delivery time for H62 brass strip?

If the master coil is available, 3-7 days do slitting will be ready , if not, will need 20-25 days for new production.

### a3. Can you help us to choose suitable material?

Yes, we can recommend the most suitable material according to your application.

### a4. How do you control quality?

We produce strictly according to customer's drawings and requests, here are strict control plan in every process, full check of each parts, strive to provide customer 100% quality products, ROHS/SGS test report, material certificate are available.

### a5. Do you provide sample? Free or charge?

Yes, if the sample in stock available, free of charge, if not, need to charge some mfg cost.