

## H65 brass strip coil

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

### 1. Introduction of the H65 brass strip coil

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.

- Density: 8.3-8.7 g/cm<sup>3</sup>
- Melting Point: 1652-1724 °F (900-940 °C)
- Moh's Hardness: 3-4

H65 / C2700 / CuZn35 has a very similar performance with H68, It also has a high strength and plasticity, can well withstand with cold and hot pressure processing.



### 2. Grade and temper for H65 brass strip coil

Grade: C2700, C27000, CDA270, C270, CZ107, H65, CuZn35

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

Address: No.16 Shuanggang street, Tangchun Village, Liaobu Town, 523407 Dongguan , Guangdong, China

Phone: +86-769-89800565

E-mail:sales@intmc.com

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

### 3. Chemical composition of H65 brass strip coil

#### Chemical composition

Cu : 63.5~68.0

Zn: balance

Pb: ≤0.03

B: ≤0.01

Fe: ≤0.10

Sb : ≤0.005

Bi: ≤0.002

impurity: ≤0.3

### 4. Dimension and tolerance of H65 brass strip coil

Width mm	Thickness mm					
	≤1.0		>1.0~1.5		>1.5~2.5	
	Thickness tolerance / ± mm					
	Ordinary Level		Ordinary Level		Ordinary Level	
≤100	0.2		0.3		0.4	
>100~300	0.3		0.4		0.5	
>300~600	0.5		0.6		0.6	
>600~1000	0.8		0.8		0.8	

### 5. Characteristics of H65 brass strip coil

M20	Ann	Tensile Strength	Yield Offset	Elongation	Hardness
		<i>x 1000 P.S.I.</i>	<i>0.2% offset x 1000 P.S.I.</i>	<i>% in 2 Inches</i>	<i>.020 Gauge and Above</i>
		41 - 61	23 Nom.	50 - 52	-

H01	<b>1/4H</b>	49 - 59	34 Nom.	40 Nom.	B 40 - 65
H02	<b>1/2H</b>	55 - 65	44 Nom.	25 Nom.	B 57 - 74
H03	<b>3/4H</b>	62 - 72	53 Nom.	17 Nom.	B 70 - 80
H04	<b>Hard</b>	68 - 78	57 Nom.	8 Nom.	B 76 - 84
H06	<b>Ex-H</b>	79 - 89	67 Nom.	4 Nom.	B 83 - 89
H08	<b>Spring</b>	86 - 95	71 Nom.	2 Nom.	B 87 - 92
H10	<b>Ex-Spring</b>	90 - 99	75 Nom.	-	B 88 - 93

### 6. Application of H65 brass strip coil

C2700 H65 CuZn35 is used in all kinds of deep drawing and bending manufacturing parts, stamping parts, springs, screens, heat etc .

### 7. Manufacture plant of H68 brass strip coil



**8. Tests and inspection for H65 brass strip coil**

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



**9. Quality certificate for H65 brass strip coil**

**CERTIFICATE**



**10. Packing and shipping for H65 brass strip coil**

**Packing:**

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

Address: No.16 Shuanggang street, Tangchun Village, Liaobu Town, 523407 Dongguan , Guangdong , China

Phone: +86-769-89800565

E-mail:sales@intmc.com



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.

Address: No.16 Shuanggang street, Tangchun Village, Liaobu Town, 523407 Dongguan , Guangdong, China

Phone: +86-769-89800565

E-mail: sales@intmc.com



## 11. Questions and Answers

### a1. Do you have ISO certificate?

Yes, we obtained ISO9001

### a2. How long is your delivery time for H65 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.