



## UMCo50

### 1. Brief introduction:

UMCo-50 (Cobalt 50) is particularly suitable for those applications that require oxidation resistance, high temperature strength, and resistance to thermal corrosion, thermal shock and wear.

In the sulfur-containing oxidizing atmosphere, it has very good resistance to hot corrosion to heavy oil or other fuel combustion product media, and is widely used in coal chemical nozzles.

### 2. Main specifications:

China	UK	W.Nr
UM Co50	G-CoCr28	2.4778

### 3. Chemical composition under BS ISO 11973:2015 standard:

Grade	chemical composition,%									
	Co	Cr	Fe	Ni	Mo	Mn	C	Si	S	P
G-CoCr28	48.0-52.0	27.0-30.0	Balance	≤4.0	≤0.5	≤1.5	0.05-0.25	0.5-1.5	≤0.03	≤0.04

### 4. Main product types:

wire,rod,forging,bar,strip,sheet/plate,tube/pipe,casting.



Shanghai Hite Special Alloy Co., Ltd.  
<https://www.hitealloy.com>

**5. Main produce standards:**

Wire,Rod, Bar, Forging,cast

BS ISO 11973

**6. UMC050 source URL:**

<https://www.hitealloy.com/product/co50.html>

Shanghai Hite Special Alloy Co., Ltd.