

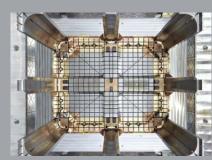
SCHMELZMETALL

HOVADUR® B

Special Alloys in Aluminium-bronze









HOVADUR® B 20	HOVADUR® B 30
CuAl10Ni5Fe4	CuAl11Fe6Ni6
CW307G	CW308G
2.0966	2.0978
C63000/C63020/C63200	* *
8,5–11,0	10,5–12,5
3,0-5,0	5,0-7,0
4,0-6,0	5,0-7,0
max. 1,0	max. 1,5
0,5	0,5
Remainder	Remainder
And the second s	
170–210	220–260
min. 680	min. 740
min. 320	min. 420
min. 10	min. 5
118000	115000
7,55	7,40
50	56
approx. 5	approx. 4
16,0	16,0
	CuAl10Ni5Fe4 CW307G 2.0966 C63000/C63020/C63200 8,5-11,0 3,0-5,0 4,0-6,0 max. 1,0 0,5 Remainder 170-210 min. 680 min. 320 min. 10 118000 7,55 50 approx. 5

¹⁾ Agreed properties (In case of different opinions, hardness is calculated as the average of 3 randomly located measurings)

Details of the properties or application of materials are for descriptive purposes only. Confirmation of suitability with regard to specific properties or application require written agreement.

Forms of delivery		
Round forged	•	•
Flat, square forged	•	•
Plates forged	•	•
Pieces cut from round bar/plate, rough	•	•
Pieces cut from round bar/plate, premachined	•	•
Max. weight of a forged piece	1000 kg	1000 kg
		No.

Description of material/Application examples

HOVADUR® B 20

is a multiphase aluminium bronze. The alloy combines high strength, even at higher temperature and alternating stress, with high wear resistance as well as good resistance to corrosion and cavitation. HOVADUR® B 20 is resistant against sea water.

Application

Sparking-free tools for chemical industry and offshire uses. Highly strained bearings, guide bushes and sliding elements.

HOVADUR® B 30

is a multiphase aluminium bronze. This alloy is characterized by very high strength and resistance to wear as well as good resistance to corrosion, erosion and cavitation at higher temperature.

HOVADUR® B 30 is resistant against sea water and many aggressive

substances.

Utmost strained bearings and guide bushes, valves and valve faces. Parts for chemical plant construction and offshore applications.

All our alloys HOVADUR® B are tested and certified as being safe concerning contact with food.

²⁾ Associated properties (Strength values will only be proved if ordered by the customer)