

Copper Core Pins

- » Considerably higher thermal conductivity
- » Significant reduction in cycle time
- » Excellent corrosion resistance
- » Very good machining potential
Optionally with chemical-nickel-coating for higher life time
- » Convincing polishing characteristics



Enjoy the benefits of technical and economic advantages.



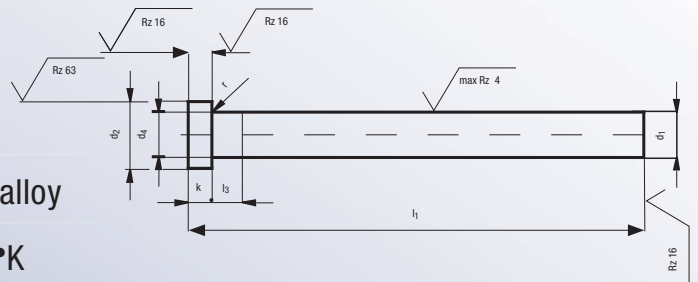
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Copper Core Pins

d ₁	d ₂	d ₄	k	r	l ₁ +2						l ₃	
					100	160	200	250	315	400		500
g6	0 -0,2		0 -0,05	+0,2 0								
2,0	4	d1+ 0,03	2	0,2		•		•				5
2,5	5					•		•				
2,7	6					•		•				
3,0						•		•				
3,2						•		•				
3,5					7		•		•			
3,7			•			•						
4,0	8		3	0,3		•		•				
4,2						•		•				
4,5						•		•				
5,0					10		•		•		•	
6,0	5					0,5		•		•		
6,2					•			•				
7,0			•		•							
8,0		14		•			•		•			
8,2				•			•					
10,0		16		•			•				10	
12,0	18	d1+ 0,04	7	0,8		•		•			12	
14,0	22					•		•				14
16,0						•		•				16

• = on stock

- » Article-no: 6118.
- » Material: beryllium-free copper alloy
- » Thermal conductivity: approx. 180-200 W/m•K
- » Tensile strength: approx. 650 N/mm²



The solution for the tool making and moulding industry.

The use of copper core pins in tools leads to a significant decrease in cycle time. Eberhard ejector core pins made of beryllium-free copper alloy offer up to six times higher thermal conductivity compared to steel pins.

Benefit from a significant reduction in cycle time and thus measurably lower total costs.

Ensure your advantage in the market.



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