

SOLUTIONS FOR PRECISION DEEP BORING AND VIBRATION DAMPING TOOL HOLDERS



Tungsten based DENSRAM® F2 alloys offer a unique combination of density and high Young's modulus that makes it a solution of choice whenever absorbing vibrations is a Must to achieve high precision machining operation in case of long overhangs.

The high level of machinability and mechanical resistance allows innovative designs and solutions.

MATERIAL CHARACTERISTICS	
Chemical composition	W93%, balance NiFe
Density	17,6 +/-0,2
Hardness	305 HV 30
Tensile Strength	≥ 900 MPa
Elongation	≥ 10
Young's modulus	≥ 260 GPa

Casram supplies semi-finished turned rods which may be further machined according to your most innovative know-hows. Available from stock in standard lengths as per the list below or intermediate lengths upon request, we aim at delivering our customers high quality material with maximum reactivity.

DELIVERY PROGRAM				
Nominal diameter (mm)	Tolerance	Length (mm)	Tolerance	Intermediate lengths
10	+0,3 /+0,6 mm	300	0/+5 mm	From 50 to 300 mm by incremental steps of 5 mm
12	+0,3 /+0,6 mm	300	0/+5 mm	
14	+0,3 /+0,6 mm	300	0/+5 mm	
16	+0,3 /+0,6 mm	300	0/+5 mm	
18	+0,3 /+0,6 mm	300	0/+5 mm	
20	+0,3 /+0,6 mm	400	0/+5 mm	From 50 to 400 mm by incremental steps of 5 mm
22	+0,3 /+0,6 mm	400	0/+5 mm	
24	+0,3 /+0,6 mm	400	0/+5 mm	
26	+0,3 /+0,6 mm	400	0/+5 mm	
28	+0,3 /+0,6 mm	400	0/+5 mm	
30	+0,3 /+0,6 mm	400	0/+5 mm	
32	+0,3 /+0,6 mm	400	0/+5 mm	
37	+0,3 /+0,6 mm	400	0/+5 mm	
42	+0,3 /+0,6 mm	400	0/+5 mm	
47	+0,3 /+0,6 mm	400	0/+5 mm	
52	+0,3 /+0,6 mm	400	0/+5 mm	
57	+0,3 /+0,6 mm	400	0/+5 mm	
62	+0,3 /+0,6 mm	400	0/+5 mm	

Contact us for any further information you would need:

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