

**Embassy of India
Tokyo**

Subject: Export of Tungsten Heavy Alloy Products to Japan.

The Heavy Alloy Penetrator Project (HAPP) located in Trichy, Tamil Nadu, India is one of 42 Ordnance Factories under the Ministry of Defence, Government of India operated by Ordnance Factories Board. HAPP has been engaged in the production of Tungsten Heavy Alloy products to Indian Defence and is capable of producing tungsten products for defence and civilian applications with the latest technologies.

HAPP has a spare capacity to supply the following products to prospective buyers in Japan:-

	Tungsten Alloy Pre-fragments	Tungsten Alloy Blanks
Products	Spheres, Cubes & Cuboids	Blanks
Sizes	2 to 20 mm	15 to 30 mm Dia length up to 500 mm
Density	17 to 18.5 g/cc	17 to 18 g/cc
Hardness	280 to 350 Hv	250 to 350 Hv
Tungsten Alloys	W-Ni-Fe	W-Ni-Fe-Co

Interested buyers may contact HAPP, Trichy, Tamil Nadu in the following contact details given below:-

The General Manager
Heavy Alloy Penetrator Project
Trichy – 620 025, Tamil Nadu, India
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Contact Person: Mr. R. S. Kambali
Addl. General Manager