



Walcownia Metali DZIEDZICE S.A.

H-tech ($\alpha+\beta$) Brass



Republic
of Poland



Walcownia Metali "Dziedzice" S.A. has developed and launched new drawn brass products that reach above standard precision in case of straightness and flatness. Made from new dual-phase alloy designed for high speed automatic machining, supplied either in straight lengths or in coils. Emphasizing on ultra stable mechanical properties along whole length of material.

The production process according to **H-tech ($\alpha+\beta$) Brass** technological recommendations will be carried out based on the pilot station of COIM S.r.l. – A gas-fired heater enabling an innovative method of heating billets to a specific thermal profile developed by a team of AGH scientists.

Inventory	Dimensional range		Product composition	
	Pressed material Dimensional range [mm]	Drawn material [mm] Dimensional range [mm]	Segments Length	Rings/Spools
round bars	20.0 - 80.0	2.0 - 32.0	2000 - 5000	-
hexagonal bars	20.0 - 65.0	3.0 - 27.0	2000 - 5000	-
square bars	20.0 - 55.0	3.0 - 20.0	2000 - 5000	-
flat bars	width 10.0 - 50.0	width 3.0 - 30.0	2000 - 5000	-
	Thickness 10.0 - 60.0	Thickness 3.0 - 10.0	2000 - 5000	-
round bars	-	2.0 - 10.0	-	Rings
	-	6.5 - 12.0	-	Spools
hexagonal bars	-	3.0 - 8.0	-	Rings
square bars	-	3.0 - 8.0	-	Rings

Possible bar end finishing:

RND/HEX/SQR – straight cut, chamfered, sharpened

FLAT BARS – straight cut.

Wire in coils and spools is manufactured with broken ends.



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