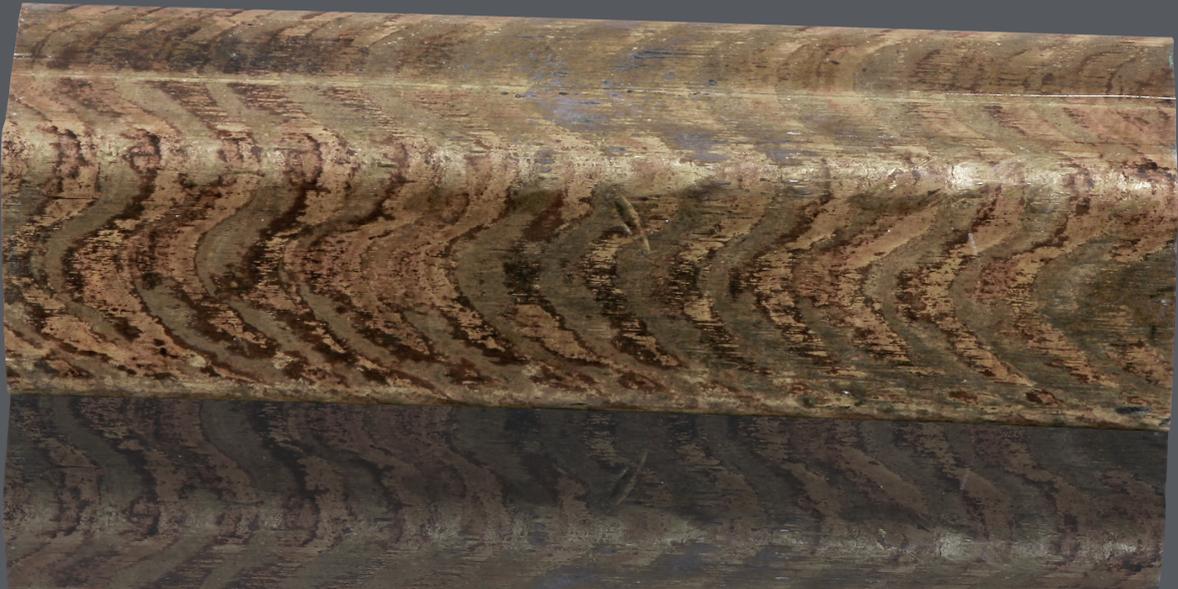


sarbak



TECHNICAL DATA SHEET

C89540

FEDERALLOY IV - B2 – UNLEADED
CONTINUOUS CASTING INGOTS
(PATENTED)

FEDERALLOY IV - B2

Product Code	ASTM		Cu	Zn	Pb	Sn	Fe	Ni	Al	Bi	Se
Unleaded Ingots FEDERALLOY IV - B2	C89540	Min %	58,0	Rem.	-	-	-	-	0,10	0,6	-
		Max %	64,0	Rem.	0,10	1,2	0,50	1,0	0,60	1,2	0,1

Each of the other elements < 0,02 %

Material Properties and Typical Applications

Federalloy ingots, produced as continuous casting, is unleaded ashes which are free from the damage of the lead element in traditional armature ingots. Bismuth is used instead of lead. Fedaralloy ingots, which is produced entirely from raw material, has good crystal structure and excellent polishability. Like leaded equivalents, elongation and inclination guarantee quality testing. Better casting capability at low temperatures provides low cost to the end user.

The ingots are shipped in euro pallets between 1 and 2 tons.

Different norm and alloy demands that come from our customers are examined and produced by the relevant units.

Areas of Usage

- * Generally used in the manufacture of water watches and water faucets
- * USA and Canada are suitable alloys for use in drinking water lines for the market.

APPLICABLE STANDARDS

ASTM

(International American Society of Testing and Materials) A community that develops and publishes technical standards for a wide variety of materials, products and systems.

Casting Process and Designation	Tensile Strength R _m N/mm ² (MPa) Min	0,2 % Proof Strength N/mm ² (MPa) Min	Elongation A (%) Min	Hardness (HBW) Min
Permanent Mould - GM	350	200	5	-

Note: These mechanical properties are valid for casting parts.

STANDARD MEASURES - WEIGHT

Standard Meter (mm)	Standard Weight (kg)
64x64x380	Average 12



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