SERVIS METAL

Bronze, copper, brass, cast iron, aluminum, and their alloys. We can source it all!
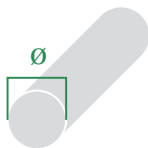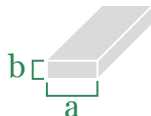
Cast Iron

Gray Cast Iron with Flake Graphite

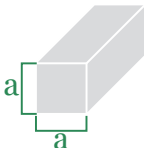Alloys, international standards*,
and examples of use

Supply program

| Round bars | Flat bars | Square bars | Pipes | Plates /cut-outs |
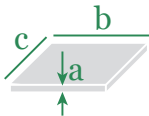
Production method: cast.

Alloy	ČSN/STN	DIN	BS	ASTM	NF	PNH	Properties	Examples of use
GJL-200	422420	GG 20	Gr. 180/200	Class 25	FGL200	ZI 200	Very good machinability, good compressive strength, excellent castability.	Gearboxes, pumps, general mechanical engineering.
GJL-250	422425	GG 25 / 0.6025	Gr. 260	Class 35	FGL250	ZI 250	High wear resistance to friction with good sliding properties, fully resistant to oil and pressure, without cavities, and polishable.	Machine tools, gearboxes, compressors, raster plates.
GJL-300	422430	GG 30	Gr. 300	Class 40	FGL300	ZI 300	Very good machinability, good compressive strength, excellent castability.	Bearing shells, turbine housings.

* The listed standards are equivalent but may not be identical and may vary.

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Cast Iron

Ductile Cast Iron with Nodular Graphite

Alloys, international standards*,
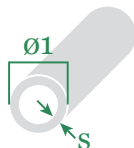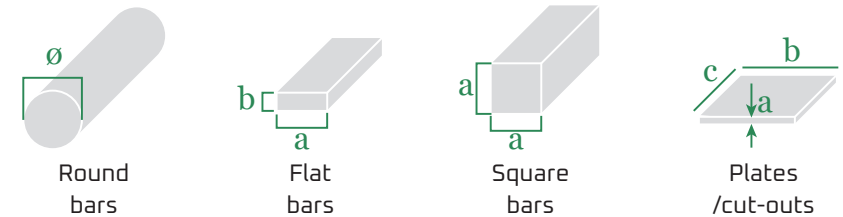and examples of use

Supply program

Round bars

Flat bars

Square bars

Plates /cut-outs

Production method: cast.

Alloy	ČSN/STN	DIN	BS	ASTM	NF	PNH	Properties	Examples of use
GJS-400-15	422304	GGG 40 / 0.7040	400/12	65-45-12	FGS400-15	Zs40012	Cast iron with spherical graphite formation and ferritic microstructure offers high strength, elongation, and a high modulus of elasticity. Good machinability.	Coupling parts, camshafts, clamp brackets, handles, jet rings.
GJS-500-7	422305	GGG 50	500/7	70-50-07	FGS500-7	Zs50007	High tensile strength and high yield limit, meaning it withstands high stress before deforming.	Various applications in the hydraulic and pneumatic industries, as well as in the automotive industry.
GJS-600-3	422306	GGG 60	600/3	80-60-03	FGS600-3	Zs60003	High wear resistance and increased strength. Effectively dampens noise and vibrations.	Hydraulic and pneumatic applications, in the production of pumps and compressors.
GJS-700-2							Enhanced wear resistance and adequate machinability. Effectively dampens noise and vibrations.	Engineering, automotive industry, rotors, pumps, ...

* The listed standards are equivalent but may not be identical and may vary.

VÁŠ DODÁVATEĽ FAREBNÝCH KOVOV
meď a zliatiny medi, mosadz, bronz a iné ...