

ROUND BAR



Precision is the essential standard for any structural or machined component, and at **Unifit Metalloys Inc.**, it is the benchmark for our premier range of industrial round bars. As a leading manufacturer and global supplier, we provide high-quality long products that serve as the fundamental raw material for the world's most demanding engineering, automotive, and construction sectors.

Our round bars are engineered to provide the perfect balance of geometric accuracy and internal metallurgical integrity, ensuring that every millimetre of material performs consistently under stress. Unifit Metalloys specializes in high-performance round bars used in the oil and gas, petrochemical, and aerospace industries. Their catalog is defined by an extensive range of materials and precise finishing options.

Material Category	Common Grades	Key Characteristics
Stainless Steel	304/304L, 316/316L, 317L, 321, 347, 410, 416, 420, 430, 431, 904L	Corrosion resistance, hygienic, and high-temperature stability.
Carbon Steel	ASTM A105, A350 LF2, AISI 1018, 1045, EN8, EN9	High strength, easy to weld, and cost-effective for structural use.
Alloy Steel	4140, 4340, 8620, EN19, EN24, F5, F9, F11, F22	Enhanced toughness, wear resistance, and high tensile strength.
Duplex Steel	S31803, S32205 (Duplex), S32750, S32760 (Super Duplex)	Combines high strength with extreme resistance to chloride corrosion.
Nickel Alloys	Inconel 600/625/718, Monel 400/K500, Hastelloy C276/C22	Exceptional performance in extreme heat and chemical environments.
Copper Alloys	Brass (C360), Bronze (C932), Copper-Nickel (70/30, 90/10)	High conductivity, anti-sparking, and marine corrosion resistance.
Aluminum Alloys	2024, 6061, 6063, 7075	Lightweight, high strength-to-weight ratio, and non-magnetic.
Tool Steel	D2, D3, H13, O1, P20	Extremely hard; designed for cutting, drilling, and mold making.