



PRODUCT OVERVIEW

ASTM A354 BD is used for structural bolts or other high strength applications. It is heat treated and tempered at 800° F, which creates a very strong part. All America Threaded Products A354 threaded rod and threaded studs are melted and manufactured right here in the USA.

These high-strength studs and rods are typically used in standard temperature and pressure level applications such as general-use construction projects, machinery and structural applications.

- **Diameters:** 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-1/2"
- **Lengths:** Less than 8", 1', 2', 3', 6', 12'
- **Finishes:** Plain, Zinc & Yellow, Black Oxide

AATP CAPABILITIES

Specification	Grade	UNC & UNF	UNC	Products	Lengths	Stock Finishes
ASTM A354	BD	3/8", 1/2", 5/8", 3/4", 7/8", 1"	1-1/8", 1-1/4", 1-1/2"	Threaded Studs Threaded Rods	Less than 8" 1', 2', 3', 6', 12'	Plain, Zinc & Yellow, Black Oxide

MECHANICAL PROPERTIES

Specification	Grade	Marking	Tensile (ksi)	Yield (ksi min)	Elong % (min)	RA% (min)	HRC
ASTM A354	BD		150 min	130	14	40	33 to 38

CHEMICAL PROPERTIES

Specification - Grade	Carbon	Manganese	Phosphorus	Sulfur	Boron	Treatment
ASTM A354 - BD	0.28 - 0.55	0.57 min	0.040 max	0.045 max	0.003 max	Quench/Temper

DFARS COMPLIANT



YES

Material test reports provided with every shipment.