



DESIGNATOR	ANSI THREAD	D
FRR12a-c#	1/2-13 [M12x2]	1/2" [12]
FRR20a-c#	3/4-10 [M20x2.5]	3/4" [20]
FRR24a-c#	1-8 [M24x1.5]	1" [24]
FRR28a-c#	1 1/8-7 [M28x3.5]	1 1/8" [28]



THREADED ROD



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SPECIFICATIONS

Threaded rod shall conform to ASTM A307 or ASTM A449 or ASTM A193 Grade B7 except that threads and nominal diameters shall conform to ANSI B1.1 Class 2A [ANSI B1.13M Class 6g]. Threaded rods shall be manufactured according to the material specifications outlined as follows:

- FRR12a-28a ASTM A307 (60 ksi [414 MPa] minimum tensile strength)
- FRR12b-28b ASTM A449 (120 ksi [827 MPa] minimum tensile strength)
- FRR12c-28c ASTM A193 Grade B7 (125 ksi [862 MPa] minimum tensile strength)

Zinc-coated threaded rods shall be treated according to either ASTM A153 [AASHTO M232] for Class C or ASTM B695 [AASHTO M298] for Class 50.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

These threaded rods are used in numerous barrier designs.



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