

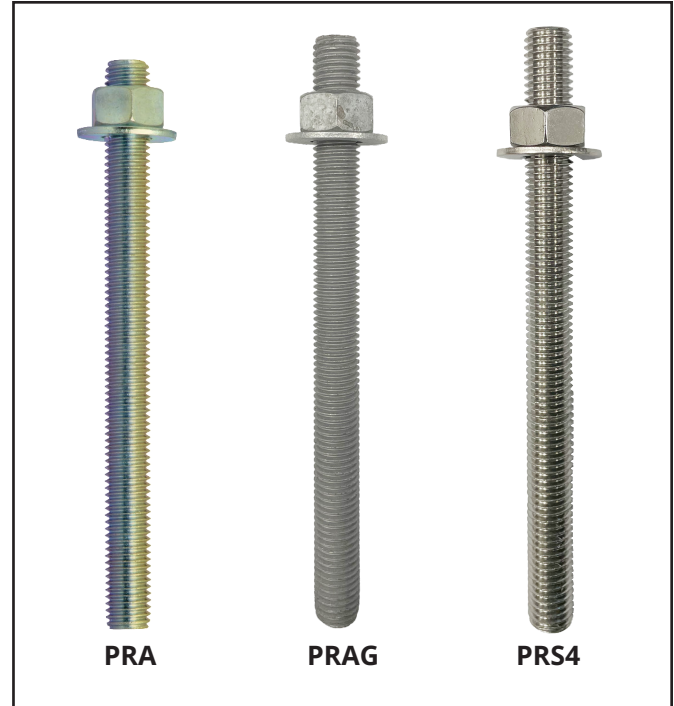
► DESCRIPTION

UCAN threaded rod (UNC) assemblies are pre-cut carbon steel and stainless-steel rods in diameter from 3/8 up to 1 inch complete with nut and washer. Finishes include zinc plated carbon steel and galvanized carbon steel.

Threaded rod assemblies are typically used in conjunction with FLOROK® adhesive. The offerings of different materials and corrosion resistance coatings allow for a cost-effective installation to complete adhesive anchoring.

Head markings allow for easy identification after installation.

Custom sizes are available upon request.



► TECHNICAL DATA

Specifications and physical properties of rod assemblies^{1,2,3}

Thread rod specification									Nut and Washer Specification
Type	Part No.	Grade	Unit	Specified Min. Ultimate Strength f_{uta}	Specified Min. Yield Strength f_{ya}	f_{ya} / f_{ya}	Elongation %	Corrosion Protection	
Carbon steel	PRA xxx zinc plated	ISO 891-1 Grade 5.8	psi	72,500	58,000	1.25	22	ASTM B 663 5µm	Nuts: ASTM A563 or ASTM A194 ,2H Washers: ANSI B18.22.1 Plain Type A
	PRA Gxxx galvanized		MPa	500	400			ASTM B 663 Class C	
	PRA B7xxx zinc plated	ASTM A 193 Grade B7	psi	125,000	105,000	1.19	16	ASTM B 663 5µm	
	MPa		860	725					
Stainless Steel	PRS4 xxx	Type AISI 304	psi	100,000	65,000	1.54	20	N/A	Nuts: ASTN F594
	3/8" to 5/8"	ASTM F 593 CW1	MPa	690	450				
	PRS4 xxx	Type AISI 304	psi	85,000	45,000	1.89	25		Washers: ANSI B18.22.1
	3/4" to 1-1/4"	ASTM F 593 CW1	MPa	585	310				

¹AISI Type 316 rod assemblies are available on request

²Minimum specified steel strengths are per ASTM or ISO specification.

³For design strength data see FR5 MAX Table 6