RHINO
MECHANICAL CONNECTIONS

PUK

RHINO PUK

RHINO PUK mechanical anchors are used to terminate reinforcing steel as an alternative to conventional hooked bars. The oversized anchor is attached using a friction welding process to one or both ends of the reinforcing steel creating a headed bar. By utilizing the proprietary RHINO Friction Welding process, the system is capable of exceeding the ACI, UBC, IBC and ASTM A970 requirements for headed deformed bars. The development lengths and anchorage capacity are determined by the structural engineer in compliance with ACI 318.

Features and Benefits

- The net bearing area of the head (excludes nominal bar area), Abrg, meets or exceeds the 4x the nominal rebar area as required by ACI 318, ASTM A970 and ICC ES AC347.
- Meets ASTM® A970 Classes A, HA and B
- Minimizes embedment lengths - reduces congestion
- Eliminates reinforcing bar hooks - simplifies bar placement
- Designed for 13mm (#4) through 22mm (#7)

Typical Applications

- End termination of rebar
- Beam or Roof to Column
- Closure Pours

Part Number	Imperial Rebar Size	Metric Rebar Size	L1 (in)	L1 (mm)	D1 (in)	D1 (mm)	Weight (lbs)	Weight (kg)
RP13	#4	25mm	.60	15	1.50	38		
RP16	#5	16mm	.60	15	1.75	45		
RP19	#6	19mm	.60	15	2.00	51		
RP22	#7	22mm	.63	16	2.25	57		