

## HCI Rebar Rock Bolt

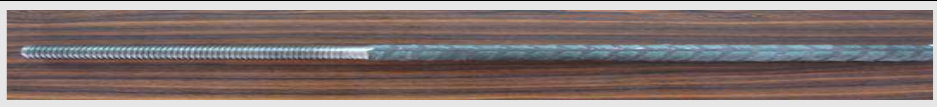


### Introduction

HCI Rebar Rock Bolt is manufactured from hot rolled reinforcing bar with a standard thread formed at one end and slashed head on the other end. It can be used with only mortar or with both mortar and accelerator to provide a stable ground support.

The mortar can be injected before or after the Rock Bolt installed into the pre-drilled borehole. When the accelerator is used with the mortar, the Rock Bolt needs to be inserted after the accelerator and mortar. The installation sequence is mortar, accelerator packed in tube, mortar, then inserting the Rock Bolt. The Rock Bolt will break the accelerator tube which allows the accelerator to mix with the mortar and accelerate the harden speed of the mortar.

### Components

Rock Bar					
Specification	Unit	φ 25	φ 29	φ 32	
Standard Diameter	mm	25.4	28.7	32.2	
Standard cross Section	mm <sup>2</sup>	506.7	646.9	814.3	
Yielding Strength	N/ mm <sup>2</sup>	420~540	420~540	420~540	
Tensile Strength	N/ mm <sup>2</sup>	620	620	620	
Weight pre meter	Kg/m	3.98	5.08	6.39	
Steel Grade	According to CNS 560 A2006 SD 420W				



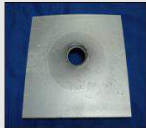
Nut	Specification	Unit	25	29	32	Ball Washer	Steel Grade	
		Dimension	Inch	1	1 1/8		1 1/4	
	Steel Grade	According to ASTM A307 (ASTM A563-07a Gr.A)						

Plate	Specification	Unit						
		Size	mm	150*150	150*150	150*150	200*200	200*200
		Thickness	mm	9	10	12	12	13
		Hole Diameter	mm	34	34	34	34	34
		Weight	Kg	1.5	1.6	1.95	3.6	3.95
		Steel Grade	According to CNS 2473 G3039 SS400					