

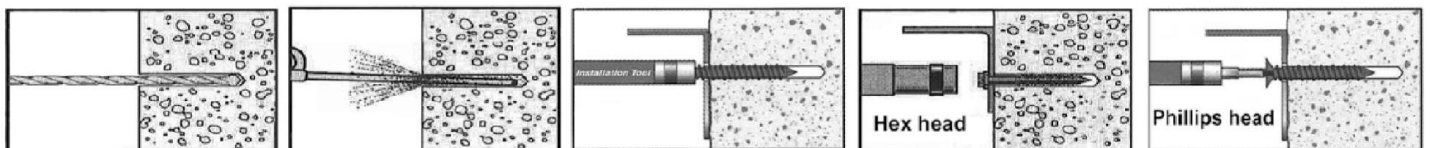
# 苏州金宝贝五金有限公司

Suzhou Gemic Hardware Co., Ltd

## Concrete Nail-Screw Ruspert Coating



Size	Code No.	Packing	Size	Code No.	Packing
3/16 x 1-1/4	CNS10030H		3/16 x 1-1/4	CNS10030C	
3/16 x 1-3/4	CNS10045H		3/16 x 1-3/4	CNS10045C	
3/16 x 2-1/4	CNS10060H		3/16 x 2-1/4	CNS10060C	
3/16 x 2-3/4	CNS10070H		3/16 x 2-3/4	CNS10070C	
3/16 x 3-1/4	CNS10080H		3/16 x 3-1/4	CNS10080C	
3/16 x 3-3/4	CNS10095H		3/16 x 3-3/4	CNS10095C	
3/16 x 4	CNS10100H		3/16 x 4	CNS10100C	
1/4 x 1-1/4	CNS14030H		1/4 x 1-1/4	CNS14030C	
1/4 x 1-3/4	CNS14045H		1/4 x 1-3/4	CNS14045C	
1/4 x 2-1/4	CNS14060H		1/4 x 2-1/4	CNS14060C	
1/4 x 2-3/4	CNS14070H		1/4 x 2-3/4	CNS14070C	
1/4 x 3-1/4	CNS14080H		1/4 x 3-1/4	CNS14080C	
1/4 x 3-3/4	CNS14095H		1/4 x 3-3/4	CNS14095C	
1/4 x 4	CNS14100H		1/4 x 4	CNS14100C	
1/4 x 5	CNS14125H		1/4 x 5	CNS14125C	
1/4 x 6	CNS14150H		1/4 x 6	CNS14150C	



### Titen Tension and Shear Load Values in Normal-Weight Concrete

Titen Dia. In. (Mm)	Drill Bit Dia. In. (Mm)	Embed. Depth In. (Mm)	Critical Spacing In. (Mm)	Critical Edge Dist. In. (Mm)	Tension Load				Shear Load	
					F'c ≥ 2000 psi (13.8 MPa) Concrete		F'c ≥ 4000 psi (27.6 MPa) Concrete		F'c ≥ 2000 psi (13.8 MPa) Concrete	
					Ultimate Lbs. (KN)	Allowable Lbs. (KN)	Ultimate Lbs. (KN)	Allowable Lbs. (KN)	Ultimate Lbs. (KN)	Allowable Lbs. (KN)
3/16 (10#)	5/32	1 (25.4)	2-1/4 (57.2)	1-1/8 (28.6)	500 (2.2)	125 (0.6)	640 (2.8)	160 (0.7)	1020 (4.5)	255 (1.1)
3/16 (10#)	5/32	1-1/2 (38.1)	2-1/4 (57.2)	1-1/8 (28.6)	1220 (5.4)	305 (1.4)	1850 (8.2)	460 (2.0)	1670 (7.4)	415 (1.8)
1/4 (14#)	3/16	1 (25.4)	3 (76.2)	1-1/2 (38.1)	580 (2.6)	145 (0.6)	726 (3.2)	180 (0.8)	900 (4.0)	225 (1.0)
1/4 (14#)	3/16	1-1/2 (38.1)	3 (76.2)	1-1/2 (38.1)	1460 (6.5)	365 (1.6)	2006 (8.9)	500 (2.2)	1600 (7.1)	400 (1.8)

- 1.spacing may be reduced 50% with a corresponding 50% reduction in allowable tension and shear load capacities.
- 2.edge distances may be reduced 50% with a corresponding 50% reduction in allowable tension and shear load capacities
- 3.linear interpolation may be used for intermediate spacing and edge distances
- 4.maximun anchor embedment is 1-1/2" (38.1mm)  
concrete must be minmum 1.5 x embedment.