

# Hammer-Set Anchor - Technical Data

## SELECTION CHART

### Hammer-Set

PART NUMBER	DESCRIPTION In. (mm)	DRILL SIZE In. (mm)	MAX. FIXTURE THICKNESS In. (mm)	MIN. EMBEDMENT In. (mm)	MIN. HOLE DEPTH In. (mm)	QTY/WT PER BOX lbs.	QTY/WT PER MASTER CTN - lbs.
HS-1607	3/16 x 7/8 (4.8 x 22.2)	3/16 (4.8)	1/4 (6.4)	5/8 (15.9)	1-1/8 (28.6)	100/ 2.0	1000/ 20
HS-1406	1/4 x 3/4 (6.4 x 19.1)	1/4 (6.4)	1/8 (3.2)	5/8 (15.9)	1 (25.4)	100/ 2.2	1000/ 22
HS-1410	1/4 x 1 (6.4 x 25.4)	1/4 (6.4)	1/4 (6.4)	3/4 (19.1)	1-1/4 (31.8)	100/ 2.4	1000/ 24
HS-1412	1/4 x 1-1/4 (6.4 x 31.8)	1/4 (6.4)	1/2 (12.7)	3/4 (19.1)	1-1/2 (38.1)	100/ 2.6	1000/ 26
HS-1414	1/4 x 1-1/2 (6.4 x 38.1)	1/4 (6.4)	3/4 (19.1)	3/4 (19.1)	1-3/4 (44.5)	100/ 2.8	1000/ 28
HS-1420	1/4 x 2 (6.4 x 50.8)	1/4 (6.4)	1-1/4 (31.8)	3/4 (19.1)	2-1/4 (57.2)	100/ 3.5	1000/ 35

## PERFORMANCE TABLE

### Hammer-Set

**Ultimate Tension and Shear  
Values in Concrete (Lbs/kN)**

ANCHOR DIA. In. (mm)	MIN. DEPTH OF EMBEDMENT In. (mm)	4000 PSI (27.6 MPa)	
		TENSION Lbs. (kN)	SHEAR Lbs. (kN)
3/16" (4.8)	5/8" (15.9)	500 (2.2)	450 (2.0)
1/4" (6.4)	5/8" (15.9)	700 (3.1)	700 (3.1)
1/4" (6.4)	3/4" (19.1)	800 (3.5)	800 (3.5)
1/4" (6.4)	1" (25.4)	950 (4.2)	800 (3.5)
1/4" (6.4)	1-1/4" (31.8)	1,100 (4.9)	1,100 (4.9)

Safe working loads for single installations under static loading conditions should not exceed 25% of the ultimate capacity. Divide ultimate values by 4.