

Coil Rod

High tensile continuous threaded rod is available in diameters from 1/2" through 1-1/2" and in lengths of 12'. May be cut with carborundum blades without damaging threads. Do not use cutting torch to cut coil rod.

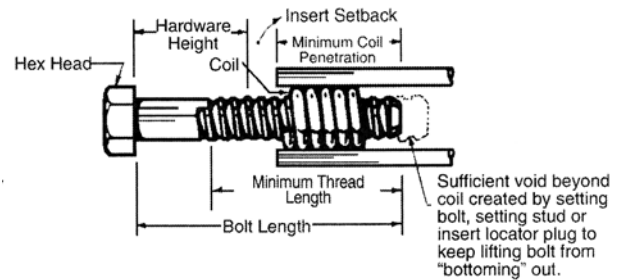
| No. | Size | Length | SWL Tension (lbs) | Shear | Wt/lf (lbs) |
|-----------|--------|--------|-------------------|--------|-------------|
| RC 12HTC | 1/2" | 12' | 3,600 | 2,400 | 0.53 |
| RC 34HTC | 3/4" | 12' | 7,200 | 4,800 | 1.15 |
| RC 1HTC | 1" | 12' | 15,000 | 10,000 | 2.04 |
| RC 114HTC | 1 1/4" | 12' | 22,500 | 15,000 | 3.48 |
| RC 112HTC | 1 1/2" | 12' | 27,000 | 18,000 | 6.01 |

Masons will not guarantee safe working load which has been field welded or bent.



Forged head coil bolt data & minimum coil penetration

| 3/4" DIAMETER | | 1" DIAMETER | | 1-1/4" DIAMETER | | 1-1/2" DIAMETER | |
|--------------------------|-------|--------------------------|-------|--------------------------|-------|--------------------------|--------|
| SAFE WORKING LOAD | | SAFE WORKING LOAD | | SAFE WORKING LOAD | | SAFE WORKING LOAD | |
| TENSION | SHEAR | TENSION | SHEAR | TENSION | SHEAR | TENSION | SHEAR |
| 3,600 | 2,400 | 7,200 | 4,800 | 10,800 | 7,200 | 16,500 | 11,000 |
| MINIMUM COIL PENETRATION | | MINIMUM COIL PENETRATION | | MINIMUM COIL PENETRATION | | MINIMUM COIL PENETRATION | |
| 2-1/4" | | 2-1/2" | | 2-1/2" | | 3" | |



Coil Bolts

Coil bolts are designed with fast-threading, self-cleaning threads. The threads are contoured to mate with the helix coils of coil ties and coil loops. Coil bolts may be furnished with standard formed head or made from coil rod with heavy hex nut welded on.



| No. | Size | Wt (lbs) |
|--|-------------|----------|
| DS 12212CB | 1/2"x2-1/2" | .150 |
| DS 122CB | 1/2"x2" | .120 |
| DS 123CB | 1/2"x3" | .175 |
| DS 12312CB | 1/2"x3-1/2" | .200 |
| DS 124CB | 1/2"x4" | .230 |
| DS 125CB | 1/2"x5" | .285 |
| DS 126CB | 1/2"x6" | .340 |
| DS 342CB | 3/4"x2" | .310 |
| DS 343CB | 3/4"x3" | .430 |
| DS 34212CB | 3/4"x2-1/2" | .370 |
| DS 34312CB | 3/4"x3-1/2" | .490 |
| DS 344CB | 3/4"x4" | .550 |
| DS 345CB | 3/4"x5" | .670 |
| DS 346CB | 3/4"x6" | .780 |
| 1" & 1-1/4" & 1-1/2" coil bolts also available. | | |

SWL provides a factor of safety of approximately 5 to 1