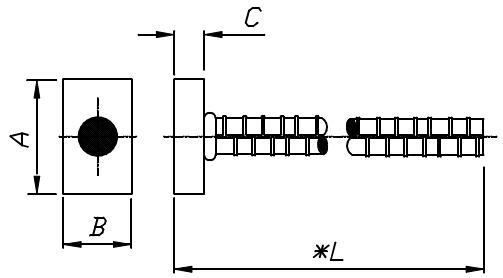
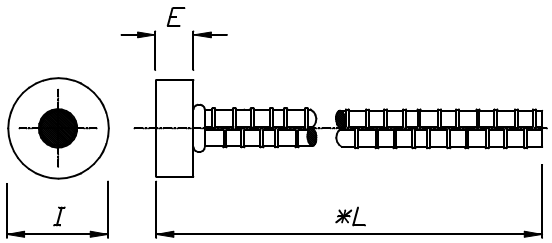
# HRC Standard & High Performance T- Headed Bars

**U.S. STANDARD**: Meets ASTM A970 Class A (9Ab), Class B (9Ab) and Class HA (4Ab) Requirements.

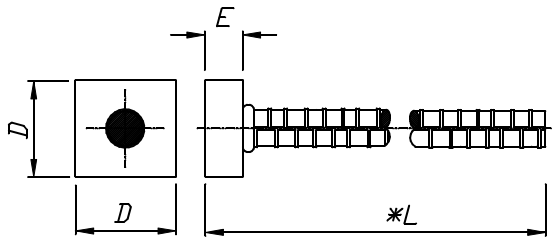
TYPE 110



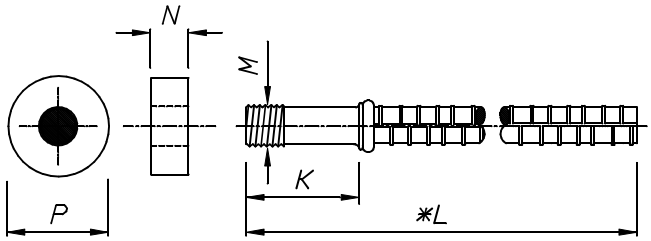

TYPE 150




TYPE 120




TYPE 170

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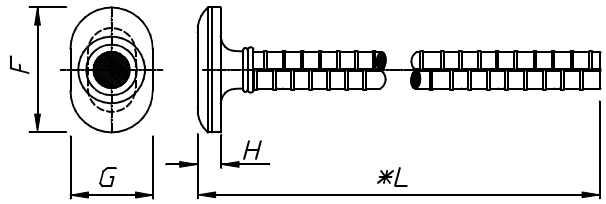
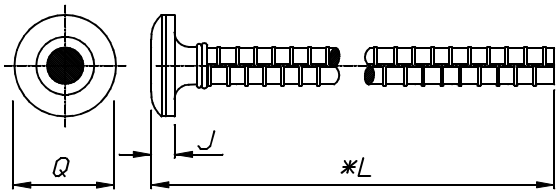



TYPE 220




*L = ORDERING LENGTH. Series 100 & 200 is available in lengths from 8' to 80'.
All data subject to change without prior notice.

Different types of heads can be made assembled at each end of reinforcing bars as per customer's requirements.

| Properties ASTM 706-60 | | | | | Head / Thread Dimensions | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bar | Dia. | A | Strength in lbs | | A | B | C | D | E | F | G | H | I | J | K | M | N | P | Q |
| Size | in | $in^2$ | Yield | Tensile | Inch | Inch | Inch | Inch | Inch | Inch | Inch | Inch | Inch | Inch | Inch | (mm) | Inch | Inch | Inch |
| #5 | 0.625 | 0.31 | 18600 | 24800 | 2.50 | 1.25 | .625 | 2.00 | 0.500 | --- | --- | --- | 1.98 | 0.50 | 3.00 | M20 | 0.750 | 2.000 | 2.000 |
| #6 | 0.750 | 0.44 | 26400 | 35200 | 3.00 | 1.50 | 0.75 | 2.25 | 0.625 | 3.00 | 1.52 | .612 | 2.37 | 0.56 | 2.75 | M24 | 1.000 | 2.375 | 2.375 |
| #7 | 0.875 | 0.60 | 36000 | 48000 | 4.00 | 1.50 | 0.75 | 2.50 | 0.625 | 3.50 | 1.73 | .625 | 2.77 | 0.63 | 3.00 | M24 | 1.000 | 2.750 | 2.750 |
| #8 | 1.000 | 0.79 | 47400 | 63200 | 4.00 | 2.00 | 0.75 | 3.00 | 0.750 | 4.00 | 1.97 | .687 | 3.20 | 0.63 | 3.63 | M31 | 0.875 | 3.250 | 3.250 |
| #9 | 1.128 | 1.00 | 60000 | 80000 | 5.00 | 2.00 | .875 | 3.25 | 0.750 | 4.50 | 2.21 | .750 | 3.63 | 0.71 | 3.75 | M33 | 1.000 | 3.625 | 3.625 |
| #10 | 1.270 | 1.27 | 76200 | 101600 | 5.00 | 2.50 | 1.00 | 3.50 | 1.000 | 5.00 | 2.52 | .812 | 4.00 | 0.89 | 3.63 | M38 | 1.125 | 4.000 | 4.000 |
| #11 | 1.410 | 1.56 | 93600 | 124800 | 6.00 | 2.50 | 1.25 | 4.00 | 1.000 | 5.50 | 2.76 | 1.00 | 4.46 | 0.91 | 4.50 | M45 | 1.250 | 4.500 | 4.500 |
| #14 | 1.693 | 2.25 | 135000 | 180000 | 7.50 | 3.00 | 1.25 | 5.00 | 1.250 | 6.25 | 3.60 | 1.25 | 5.35 | 1.28 | 6.25 | M52 | 2.125 | 5.375 | 5.375 |
| #18 | 2.257 | 4.00 | 240000 | 320000 | --- | --- | --- | --- | --- | 8.25 | 4.41 | 1.50 | 7.14 | 1.65 | 6.75 | M68 | 2.750 | 7.140 | 7.140 |

A706-80 and other grades may be available upon request.


HEADED REINFORCEMENT CORP.
11200 Condor Avenue • Fountain Valley, CA 92708
Tel: (714) 557-1455 • Fax: (714) 557-4460



iR/Drawings 01/HRC Standards/HRC T-Head Series/HRC 100.dwg - 25-1121