

MAGNACORE[®]

SELF-DRILLING ANCHORS

Bar Type	Outer Diameter	Inner Diameter	Area	Ultimate Load (P _u)	Yield Load (P _y)	Ultimate Stress (F _u)	Yield Stress (F _y)	Weight
MCR32/15	1.26 in (32 mm)	0.59 in (15 mm)	0.79 in ² (510 mm ²)	81 kips (360 kN)	63 kips (280 kN)	102 ksi (706 MPa)	80 ksi (549 MPa)	2.69 lbs/ft (4.00 kg/m)
MCR38/18	1.50 in (38 mm)	0.71 in (18 mm)	1.17 in ² (752 mm ²)	124 kips (550 kN)	101 kips (450 kN)	106 ksi (731 MPa)	87 ksi (598 MPa)	3.96 lbs/ft (5.90 kg/m)
MCR51/29	2.01 in (51 mm)	1.14 in (29 mm)	1.78 in ² (1146 mm ²)	180 kips (800 kN)	142 kips (630 kN)	101 ksi (698 MPa)	80 ksi (550 MPa)	6.05 lbs/ft (9.00 kg/m)
MCT40/20	1.57 in (40 mm)	0.79 in (20 mm)	1.22 in ² (790 mm ²)	121 kips (539 kN)	97 kips (430 kN)	99 ksi (682 MPa)	79 ksi (544 MPa)	4.17 lbs/ft (6.20 kg/m)
MCT40/16	1.57 in (40 mm)	0.63 in (16 mm)	1.42 in ² (917 mm ²)	148 kips (560 kN)	118 kips (525 kN)	104 ksi (720 MPa)	83 ksi (573 MPa)	4.84 lbs/ft (7.20 kg/m)
MCT52/26	2.05 in (52 mm)	1.02 in (26 mm)	1.92 in ² (1236 mm ²)	209 kips (929 kN)	164 kips (730 kN)	109 ksi (752 MPa)	86 ksi (591 MPa)	6.52 lbs/ft (9.70 kg/m)
MCT76/45	2.99 in (76 mm)	1.77 in (45 mm)	3.89 in ² (2510 mm ²)	427 kips (1900 kN)	337 kips (1500 kN)	110 ksi (757 MPa)	87 ksi (598 MPa)	13.24 lbs/ft (19.70 kg/m)

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