

Super Jaws[®] ND Overburden Bits



The Best Method for Simultaneous Drilling & Casing

- Casing sizes 5 1/8" to 48" (130 - 1219 mm)
- Requires no drive shoe when used with dual rotary or duplex setup rigs
- Perfectly suited for micro-piles, mini-piles, tiebacks, soil nail, water well, and various applications
- Outstanding results in overburden and solid rock
- Faster penetration rates due to large bit surface area contacting formation
- Superior strength with single piece bit body avoiding potential failure from multiple parts
- Wings extend out to drill a full diameter hole then retract to bring all tooling to the surface
- Eliminates tooling left down the hole with no reverse rotation required


HAMMERS AND BITS[®]

The World's **Leading**
Drilling Technology

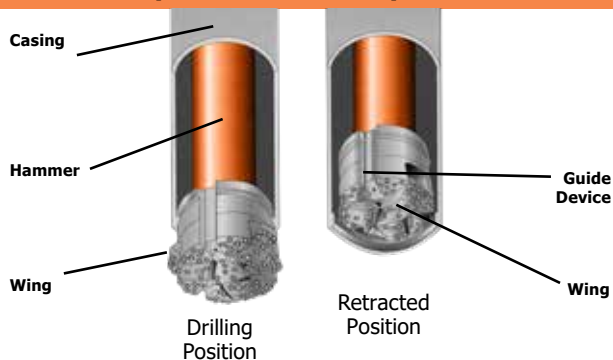


Super Jaws ND Specifications

System	Shank	Wings	Outside Diameter of Bit		Casing Size		Weight*
			Expanded	Retracted	ID	OD	
T105 ND	IR 3.5	2	5.509" 139.9 mm	4.130" 104.9 mm	4.250" 108.0 mm	5.125" 130.2 mm	21.2 lbs 9.6 kg
T111 ND	340	2	5.849" 148.6 mm	4.374" 111.1 mm	4.450" 113.0 mm	5.250" 133.4 mm	29.3 lbs 13.3 kg
T115 ND	340	2	6.010" 152.7 mm	4.440" 112.8 mm	4.500" 114.3 mm	5.500" 139.7 mm	41 lbs 18.6 kg
T117 ND	340	2	6.020" 152.9 mm	4.589" 116.6 mm	4.670" 118.6 mm	5.500" 139.7 mm	43 lbs 19.5 kg
T130 ND	340/TD40 350/QL50	2	6.414" 162.9 mm	4.900" 124.5 mm	5.118" 130.0 mm	6.000" 152.4 mm	45 - 54 lbs 20.4 - 24.5 kg
T136 ND	350/QL50	2	6.699" 170.2 mm	5.250" 133.4 mm	5.350" 135.9 mm	6.250" 158.8 mm	60.7 lbs 27.5 kg
T140 ND	350/QL50	2	7.304" 185.5 mm	5.551" 141.0 mm	5.625" 142.9 mm	6.625" 168.3 mm	65.3 lbs 29.6 kg
T145 ND	350/QL50	2	7.625" 193.7 mm	5.750" 146.1 mm	5.840" 148.3 mm	7.000" 177.8 mm	72 lbs 32.7 kg
T150 ND	350/QL50 360/QL60	2	7.750" 196.9 mm	5.880" 149.4 mm	6.000" 152.4 mm	7.000" 177.8 mm	73 - 77.9 lbs 33.1 - 35.3 kg
T165 ND	QL50 360/QL60	2	8.385" 213.0 mm	6.500" 165.1 mm	6.625" 168.3 mm	7.625" 193.7 mm	82 - 96 lbs 37.2 - 43.5 kg
T190 ND	360/QL60	3	9.567" 243.0 mm	7.520" 191.0 mm	7.625" 193.7 mm	8.625" 219.1 mm	121 - 124.4 lbs 54.9 - 56.4 kg
T215 ND	380/QL80	3	10.354" 263.0 mm	8.307" 211.0 mm	8.565" 217.6 mm	9.625" 244.5 mm	193 lbs 87.5 kg
T240 ND	380/QL80	3	11.385" 289.2 mm	9.449" 240.0 mm	9.560" 242.8 mm	10.750" 273.1 mm	228.6 lbs 103.7 kg
T265 ND	N100	3	12.400" 315.0 mm	10.500" 266.7 mm	10.715" 272.2 mm	11.875" 301.6 mm	272 - 334.2 lbs 123.4 - 151.6 kg
T292 ND	N100	3	13.819" 351.0 mm	11.500" 292.1 mm	11.625" 295.3 mm	12.750" 323.9 mm	303 - 357 lbs 137.4 - 161.9 kg
T302 ND	N100	3	14.226" 361.3 mm	11.890" 302.0 mm	12.125" 308.0 mm	12.750" 323.9 mm	371.4 lbs 168.5 kg
T310 ND	N100	3	14.517" 368.7 mm	12.205" 310.0 mm	12.375" 314.3 mm	13.375" 339.7 mm	410.5 lbs 186.2 kg
T385 ND	P125 QL120	4	17.699" 449.6 mm	15.056" 382.4 mm	15.375" 390.5 mm	16.000" 406.4 mm	686 lbs 311.2 kg
T432 ND	P125 QL120	4	19.665" 499.5 mm	17.008" 432.0 mm	17.250" 438.2 mm	18.000" 457.2 mm	830.1 lbs 376.5 kg
T470 ND	P125 P180 QL120	4	21.533" 546.9 mm	18.500" 469.9 mm	18.750" 476.3 mm	20.000" 508.0 mm	1178.3 lbs 534.5 kg
T530 ND	P180 QL200	4	24.112" 612.4 mm	21.000" 533.4 mm	21.250" 539.8 mm	22.000" 558.8 mm	1552.4 - 1688.7 lbs 704.2 - 766 kg
T580 ND	P180 P240	4	25.931" 658.6 mm	22.750" 577.9 mm	23.250" 590.6 mm	24.000" 609.6 mm	1911.6 lbs 867.1 kg

Casing specification required upon placement of order. All casing sizes are nominal. Other sizes may be available upon request. * Weights are approximate.

Super Jaws ND Components



Super Jaws Bit Faces

