

# Super Jaws<sup>®</sup> Overburden Bits



## The Best Method for Simultaneous Drilling & Casing

- Casing sizes 5 1/8" to 48" (130 - 1219 mm)
- Lower cost of operation through use of inexpensive drive shoe
- Outstanding results in overburden and solid rock conditions
- 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

**NUMA**<sup>®</sup>  
HAMMERS AND BITS

The World's **Leading**  
Drilling Technology

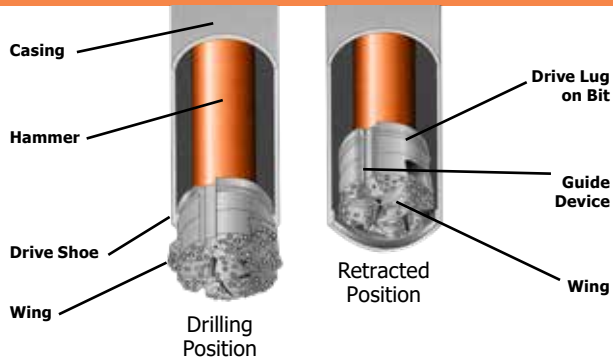


# Super Jaws Specifications

System	Shank	Wings	Outside Diameter of Bit		Casing Size		Drive Shoe ID	Weight*
			Expanded	Retracted	ID	OD		
T115	340	2	5.833" 148.2 mm	4.476" 113.7 mm	5.000" 127.0 mm	5.500" 139.7 mm	4.572" 116.1 mm	32 lbs 14.5 kg
T140	350/QL50	2	7.304" 185.5 mm	5.496" 139.6 mm	6.110" 155.2 mm	6.625" 168.3 mm	5.591" 142.0 mm	67.7 lbs 30.7 kg
T150	350/QL50 360/QL60	2	7.750" 196.9 mm	5.990" 152.2 mm	6.485" 164.7 mm	7.000" 177.8 mm	6.040" 153.4 mm	75.6 lbs 34.3 kg 85.7 lbs 38.9 kg
T165	360/QL60	2	8.388" 213.1 mm	6.410" 162.8 mm	7.204" 183.0 mm	7.625" 193.7 mm	6.575" 167.0 mm	95.8 lbs 43.5 kg
T190	360/QL60	3	9.565" 243.0 mm	7.442" 189.0 mm	8.060" 204.7 mm	8.625" 219.1 mm	7.559" 192.0 mm	124.1 lbs 56.3 kg
T215	380/QL80	3	10.353" 263.0 mm	8.308" 211.0 mm	8.894" 225.9 mm	9.625" 244.5 mm	8.465" 215.0 mm	196 lbs 88.9 kg
T240	380/QL80	3	11.417" 290.0 mm	9.370" 238.0 mm	10.000" 254.0 mm	10.750" 273.1 mm	9.527" 242.0 mm	234.4 lbs 106.3 kg
T280	N100	3	13.406" 340.5 mm	11.034" 280.3 mm	11.878" 301.7 mm	12.750" 323.9 mm	11.181" 284.0 mm	369 lbs 167.4 kg
T315	N100 P125	3	14.733" 374.2 mm	12.324" 313.0 mm	13.268" 337.0 mm	14.000" 355.6 mm	12.480" 317.0 mm	420.2 lbs 190.6 kg 539.1 lbs 244.5 kg
T365	P125	4	16.936" 430.2 mm	14.302" 363.3 mm	15.250" 387.4 mm	16.000" 406.4 mm	14.449" 367.0 mm	654.6 lbs 296.9 kg
T410	P125	4	18.841" 478.6 mm	16.152" 410.3 mm	17.125" 435.0 mm	18.000" 457.2 mm	16.300" 414.0 mm	783 lbs 355.2 kg
T455	P125	3	20.873" 530.2 mm	17.804" 452.2 mm	19.000" 482.6 mm	20.000" 508.0 mm	18.071" 459.0 mm	991.3 lbs 449.6 kg
T510	P180	4	22.856" 580.5 mm	19.804" 503.0 mm	21.000" 533.4 mm	22.000" 558.8 mm	20.158" 512.0 mm	1611.1 lbs 730.8 kg
T560	P180 QL200	4	24.919" 632.9 mm	21.811" 554.0 mm	23.000" 584.2 mm	24.000" 609.6 mm	22.126" 562.0 mm	1873 lbs 849.6 kg 1738 lbs 788.3 kg
T610	P240	4	27.032" 686.6 mm	23.742" 603.1 mm	25.000" 635.0 mm	26.000" 660.4 mm	24.133" 613.0 mm	2483 lbs 1126.3 kg
T660	P240	4	28.774" 730.9 mm	25.748" 654.0 mm	27.000" 685.8 mm	28.000" 711.2 mm	26.063" 662.0 mm	2808 lbs 1273.7 kg
T710	P240	4	30.878" 784.3 mm	27.718" 704.0 mm	29.000" 736.6 mm	30.000" 762.0 mm	28.000" 711.2 mm	3444 lbs 1562.2 kg
T760	P240	4	32.875" 835.0 mm	29.726" 755.0 mm	31.000" 787.4 mm	32.000" 812.8 mm	30.000" 762.0 mm	3798 lbs 1722.7 kg
T810	P240	4	34.934" 887.3 mm	31.732" 806.0 mm	33.000" 838.2 mm	34.000" 863.6 mm	32.008" 813.0 mm	4192 lbs 1901.5 kg
T860	C330	4	38.360" 974.3 mm	33.691" 855.8 mm	35.000" 889.0 mm	36.000" 914.4 mm	34.000" 863.6 mm	6112.3 lbs 2772.5 kg
T935	C330	4	41.460" 1053.1 mm	36.700" 932.2 mm	38.000" 965.2 mm	39.000" 990.6 mm	37.000" 939.8 mm	6857.4 lbs 3110.5 kg
T960	C330	4	42.488" 1079.2 mm	37.667" 956.7 mm	39.000" 990.6 mm	40.000" 1016.0 mm	38.000" 965.2 mm	7158.4 lbs 3247.0 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 Components



## Super Jaws Bit Faces

