

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

## The Best Method for Simultaneous Drilling & Casing

- Hole 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



The World's **Leading**  
Drilling Technology

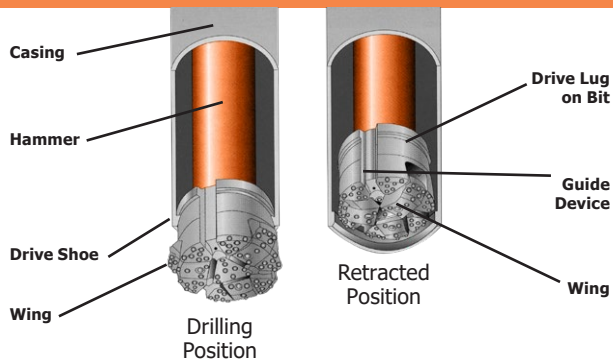
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# Super Jaws Specifications

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	4.567" 116 mm	54 lbs 24.5 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	82 lbs 37.2 kg
T150	350/QL50 360/QL60	2	7.864" 199.8 mm	5.990" 152.2 mm	6.485" 164.7 mm	7.000" 177.8 mm	6.023" 153.0 mm	72 lbs 32.7 kg 85 lbs 38.6 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	103.2 lbs 46.8 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	123 lbs 55.8 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	194 lbs 88.0 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	227 lbs 103.0 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	381 lbs 172.8 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	494 lbs 224.1 kg 580 lbs 263.1 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	670 lbs 303.9 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	845 lbs 383.3 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	920 lbs 417.3 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	1837 lbs 833.2 kg
T560	P180 P240	4	24.919" 632.9 mm	21.812" 554.0 mm	23.000" 584.2 mm	24.000" 609.6 mm	22.126" 562.0 mm	2112 lbs 958 kg 2354 lbs 1068 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	2700 lbs 1224.7 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	3441 lbs 1560.8 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	3916 lbs 1776.3 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	4562 lbs 2069.3 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	4862 lbs 2205.4 kg
T860	C330	4	38.360" 974.3 mm	33.875" 860.4 mm	35.000" 889.0 mm	36.000" 914.4 mm	34.000" 863.6 mm	6517 lbs 2956.1 kg
T935	C330	4	41.000" 1041.4 mm	36.812" 935.0 mm	38.000" 965.2 mm	39.000" 990.6 mm	36.992" 939.6 mm	7624 lbs 3458.2 kg
T960	C330	4	42.000" 1066.8 mm	37.875" 962.0 mm	39.000" 990.6 mm	40.000" 1016.0 mm	38.000" 965.2 mm	8180 lbs 3710.4 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

