



DTH Products

[Our Company](#)
[DTH Products](#)
[News](#)
[Project](#)
[Summaries](#)
[Tech Support](#)
[Contact Us](#)
[Web Specials!](#)
[Associations](#)
[Home](#)

HAMMER SPECIFICATIONS

FOR METRIC CONVERSION

DOWN HOLE HAMMER SPECIFICATION CHART

CONVENTIONAL

Hammer	Bit Shank	Hole Sizes (in)	Diameter (in)	Bore (in)	Stroke (in)	Weight Hammer Only (lbs)	Length Shoulder to Shoulder (in)	Length Shoulder to Bit Face (in)	Connection API REG PIN unless specified	Blows/ @ psi
Patriot 35A	C35/3.5	3-1/2 to 4-1/8	3-1/8	2-1/2	3-1/2	46	28-5/8	31-1/8	2-3/8	1750 @
Patriot 40	340A	4-1/4 to 5-1/8	3-3/4	3.05	4	78	39-1/4	39-3/8	2-3/8	1960 @
Champion 40	340A	4-1/4 to 5-1/8	3-3/4	3	4	80	35-3/4	38-3/4	2-3/8	1850 @
DCS5	QL50	5-1/2 to 6-1/8	4-7/8	4	3	136	36-7/16	40-1/8	3-1/2	2050 @
Patriot 50	QL50	5-1/2 to 6-1/8	4-7/8	4	3-1/2	140	36-7/16	40-1/8	3-1/2	1950 @
DCS6	QL60	6 to 8-1/2	5-1/2	4-1/2	3-1/2	182	38-7/8	42-1/2	3-1/2	1850 @
Patriot 60W	360	6 to 8-1/2	5-1/2	4-1/2	4	204	43-3/16	46-13/16	3-1/2	1800 @
Patriot 60WQ	QL60	6 to 8-1/2	5-1/2	4-1/2	4	192	41-3/16	44-13/16	3-1/2	1800 @
Challenger 6	360	6 to 8-1/2	5-3/8	4-1/4	4	258	52	56	3-1/2	1350 @
Patriot 80	380	7-7/8 to 10	7-1/8	6	3-3/4	362	45-1/8	49-7/8	4-1/2	1850 @
Challenger 80	380	7-7/8 to 10	7-1/8	6	4	444	56	61	4-1/2	1550 @
Challenger 80Q	QL80	7-7/8 to 10	7-1/8	6	4	442	54-3/4	59-1/2	4-1/2	1550 @
Challenger 100	N100	9-7/8 to 15	9	7-1/2	5	750	58-1/2	66	6-5/8	1235 @
Patriot 120	N11/N120	11-7/8 to 17-1/2	10-1/8	8-1/2	5	1048	66-3/4	75-3/4	6-5/8	1300 @
Challenger 120	N11/N120	11-7/8 to 17-1/2	10-1/8	8-1/2	5	1212	74	83	6-5/8	1300 @
Patriot 125	N125	12-1/4 to 20	10-3/4	9-1/4	5	1133	66-3/4	75-3/4	6-5/8	1150 @