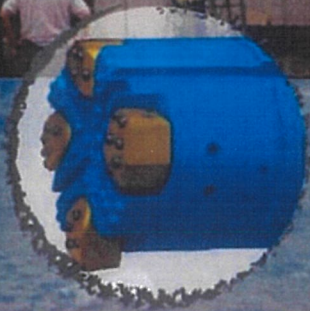


DTH Hammer & BIT



- The design of hammer is simplified so as to reduce the number of consumable parts and also to let operators easily carry out the hammer assembly/disassembly operations.
- K&T Hammer and bits are manufactured under the strict quality control and manufacturing technology developed by K&T. This ensures that these products will retain longer service life under hard conditions.
- The hammer operates at highest efficiency with a blank choke. Bypass choke can be used when additional air is required for cuttings removal.



K&T Corp.

SPECIFICATION

HAMMER SIZE		14"						15"	16"			
HAMMER MODEL		K320	K320R	K320KR	K320N	K320NR	K320NS	K350	K370	K370S	K370R	K370KR
Bit Shank	KukJe	K320	K320R	K320				K350	K370		K370	K370
	Ingersoll-Rand											
	Sandvik									SD-15		
	Numa				N120	N120S	N120S					
	Halco											
Recommended Hole DIA.	In.(mm)	14" ~ 20"(355-508)				18" ~ 24"(460-610)		17 1/2" ~ 22" (445-560)	17 1/2" ~ 24"(445-610)			
Hammer DIA.	mm	320		325		370×325	325	355			376	
Cylinder Bore	mm			240				260		280		
Piston Stroke	mm			115				125	125			
Piston Weight	kg	155	151		155			180	202	220	205	202
Length(Less bit)	mm	1820	1765	1820		2056	1986	1885	1895	1904	2000	1895
Weight(Less bit)	kg	905	1037	932		1008	1023	1100	1248	1250	1380	1235
Connection Type		API 7 5/8 Reg. Pin	HEX' JOINT		API 7 5/8 Reg. Pin		API 6 5/8 Reg. Pin	API 7 5/8 Reg. Pin		API 8 5/8 Reg. Pin	HEX' JOINT	API 8 5/8 Reg. Pin
Air Flow Needed SCFM(m ³ /min)	100PSI (7.0kg/cm ²)	-	-	-	-	-	-	-	1280(36.2)			
	150PSI (10.5kg/cm ²)	1150(32.6)	1150(32.6)	1150(32.6)	1150(32.6)	1150(32.6)	1150(32.6)	1650(46.7)	1890(53.5)			
	200PSI (14.0kg/cm ²)	1650(46.7)	1650(46.7)	1650(46.7)	1650(46.7)	1650(46.7)	1650(46.7)	2090(59.2)	2730(77.3)			
	250PSI (17.6kg/cm ²)	2110(59.8)	2110(59.8)	2110(59.8)	2110(59.8)	2110(59.8)	2110(59.8)	2680(75.9)				
	300PSI (21.0kg/cm ²)	-	-	-	-	-	-	-				

HAMMER SIZE		18"			24"				28"	32"	40"	
HAMMER MODEL		K410N	K410S	K410SR	K520K	K520N	K520NR	K520NS	K640	K700	K900	
Bit Shank	KukJe				K520			K520S	K640	K700	K900	
	Ingersoll-Rand											
	Sandvik		SD18	SD18								
	Numa	N180				N240	N240					
	Halco											
Recommended Hole DIA.	In.(mm)	18 1/8" ~ 25 5/8"(460-650)			24" ~ 33 1/2"(610-850)				30" ~ 39 3/8" (760-1000)	28" ~ 38" (700-960)	32" ~ 46" (810-1170)	40" ~ 59" (1010-1500)
Hammer DIA.	mm	410	435×410		520	535×520		670×520	640	700	900	
Cylinder Bore	mm		310			380			470	520	650	
Piston Stroke	mm		150				150			150	150	
Piston Weight	kg	275	263			376			520	720	1300	
Length(Less bit)	mm	1993	2040	2090	1971	1975	2025	2321	2200	2025	2200	
Weight(Less bit)	kg	1574	1560	2071	2440	2388	2451	3016	3800	4610	6950	
Connection Type		API 8 5/8 Reg. Pin & Box				API 8 5/8 Reg. Pin			API 8 5/8 Reg. Pin	HEX' JOINT	HEX' JOINT	
Air Flow Needed SCFM(m ³ /min)	100PSI (7.0kg/cm ²)	1430(40.5)				1760(49.8)			2300(65)	3100(87.8)	3640(103)	
	150PSI (10.5kg/cm ²)	2120(60.0)				2540(71.9)			3400(96.2)	4500(127.4)	5330(151)	
	200PSI (14.0kg/cm ²)	3000(85)				3580(101.4)			4800(135.8)	6300(178.4)	7490(212)	
	250PSI (17.6kg/cm ²)	-										
	300PSI (21.0kg/cm ²)	-										