

DTH Button Bits

Intro.

- High Speed Drilling Solutions (H.S.D.S) manufactures a wide range of better quality DTH Button Bits that can be used for various applications such as Water well, Mining, Irrigation and Construction etc.
- HSDS bits are suitable several models of Standard Hammers existing in this competitive world.
- We manufacture DTH button bits that can be used in different rock formations based on the application.
- We manufacture a various models of DTH Button bits in various shanks ranging from 3" to 20", with different types of bit faces such as Flat, Convex and Concave.

Salient Features

- HSDS bits are manufactured with best available engineered design, for greater penetration while maintaining better cleaning action at the bit face, thus increasing the product working life.
- HSDS bits are site tested with stringent quality requirements to provide consistent performance results during applications.
- HSDS bits are heat treated applying most advanced heat treatment technology that extend the product life for maximum wear and performance in the toughest of drilling conditions. Relevant quality checks are applied in various stages of manufacture.
- HSDS bits are fitted with best carbide, steel, and maintaining strict quality control.
- HSDS bits are manufactured right from raw material to final products, all in house, using advance technology and manufacturing practice.
- The combination of premium steel, quality carbide, and state of the art design and manufacturing, yields a superior product capable of performing in the toughest of drilling conditions.

MODEL HIGHLIGHTS

- SUITABLE BITS HAVE A STRONG ROBUST DESIGN THAT CAN BE USED WITHOUT FOOT-VALVE AND WITHOUT FOOT-VALVE TO WITHSTAND HEAVY DUTY APPLICATION.
- HJ SERIES HAMMERS MAXIMIZES ENERGY OUTPUT AND REDUCES SERVICE REQUIREMENTS.
- IRREVERSIBLE BARREL CAUSES EFFICIENT SUPPLY OF AIR THROUGHOUT THE SYSTEM.
- ALL ASSEMBLY COMPONENTS ARE HEAT TREATED UNDER STRICT CONTROL AND SUPERVISION OF SKILLED PROFESSIONALS TO MAXIMIZE TOOL LIFE.

APPLICATION

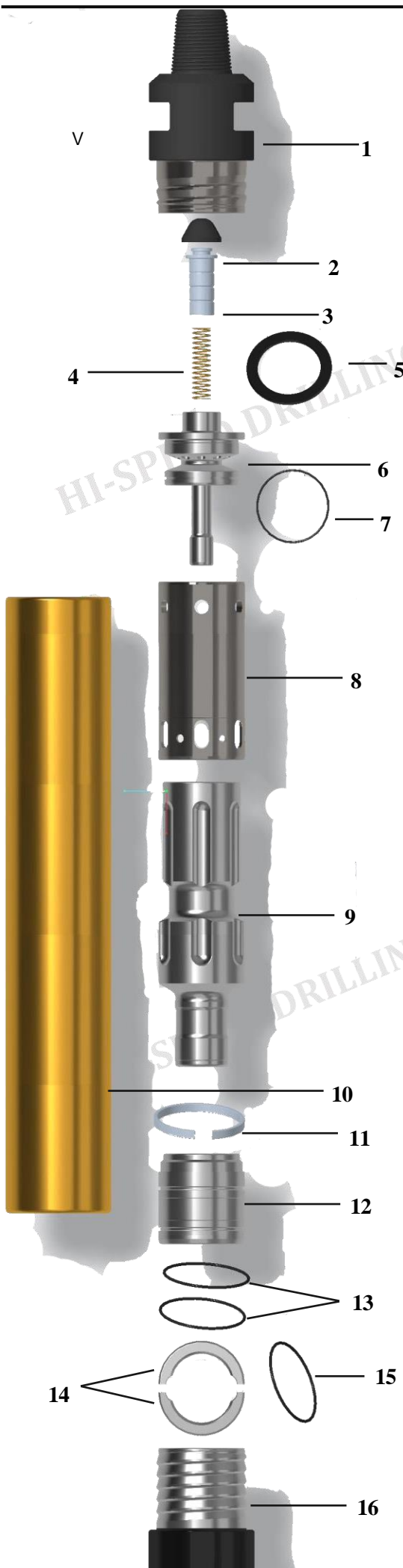
- WATER WELL
- MINING
- CONSTRUCTION
- QUARRY
- PILING

NOTE: 1. Due to continuous product development, specifications are subjected to change without prior intimation.
2. End connection can be provided as per customer's requirement.



A TRUSTED DRILLING TOOL

HJ - 65Q - HAMMER

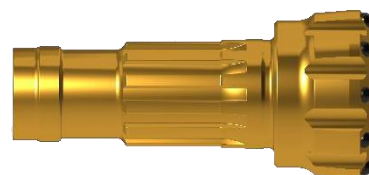


S. NO.	COMPONENT DESCRIPTION	QTY	PART NUMBER
1	TOP SUB	01 No.	HJ-65Q-1001
2	CHECK VALVE CAP	01 No.	HJ-65Q-1002
3	CHECK VALVE	01 No.	HJ-65Q-1003
4	SPRING	01 No.	HJ-65Q-1004
5	BUFFER RING	01 No.	HJ-65Q-1005
6	AIR DISTRIBUTOR	01 No.	HJ-65Q-1006
7	'O' RING FOR AIR DISTRIBUTOR	01 No.	HJ-65Q-1007
8	LINER	01 No.	HJ-65Q-1008
9	PISTON	01 No.	HJ-65Q-1009
10	BARREL	01 No.	HJ-65Q-1010
11	PISTON RETAINER RING	01 No.	HJ-65Q-1011
12	PISTON BUSH	01 No.	HJ-65Q-1012
13	'O' RING FOR PISTON BUSH	02 No. s	HJ-65Q-1013
14	BIT RETAINER RING (B. R. R)	01 No.	HJ-65Q-1014
15	'O' RING FOR B. R. R	01 No.	HJ-65Q-1015
16	DRIVE SUB	01 No.	HJ-65Q-1016
SPARE KIT (2, 4, 5, 7, 12, 14)		01 No.	HJ-65Q-SK-10

HAMMER SPECIFICATION

S. NO.	SPECIFICATION	U.O.M	VALUE
1	OUTER DIAMETER	mm	148
2	BARREL BORE	mm	122
3	WORKING LENGTH	mm	1050
4	PISTON WEIGHT	Kg	22.5
5	END CONNECTION	-	3.5" API REG 5TPI
6	DRILLING RANGE	mm	165 - 203
7	WRENCH SIZE	mm	A/F 90, W-40
8	SUITABLE SHANK	-	QL 60 (WITHOUT F/V)
9	HAMMER WEIGHT WITHOUT BIT	Kg	110 (Approx)

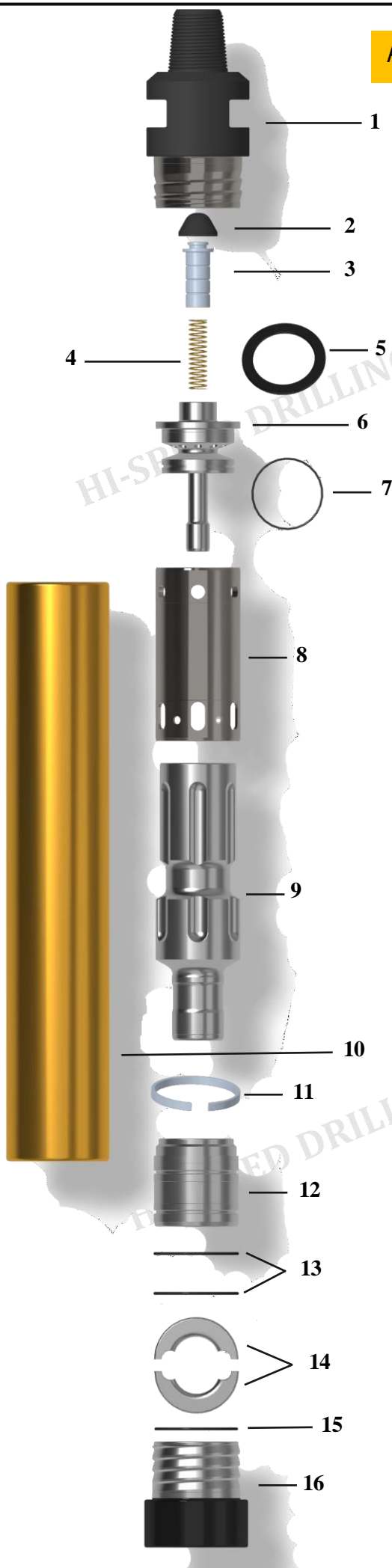
QL 60



SHANK LENGTH - 254mm

A TRUSTED DRILLING TOOL

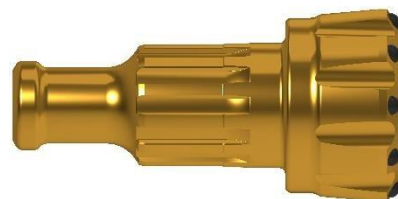
HJ – 65D – HAMMER



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1	TOP SUB	01 No.	HJ-65Q-1001
2	CHECK VALVE CAP	01 No.	HJ-65Q-1002
3	CHECK VALVE	01 No.	HJ-65Q-1003
4	SPRING	01 No.	HJ-65Q-1004
5	BUFFER RING	01 No.	HJ-65Q-1005
6	AIR DISTRIBUTOR	01 No.	HJ-65Q-1006
7	'O' RING FOR AIR DISTRIBUTOR	01 No.	HJ-65Q-1007
8	LINER	01 No.	HJ-65Q-1008
9	PISTON	01 No.	HJ-65Q-1009
10	BARREL	01 No.	HJ-65D-1010
11	PISTON RETAINER RING	01 No.	HJ-65Q-1011
12	PISTON BUSH	01 No.	HJ-65D-1012
13	'O' RING FOR PISTON BUSH	02 No. s	HJ-65Q-1013
14	BIT RETAINER RING (B. R. R)	01 No.	HJ-65D-1014
15	'O' RING FOR B. R. R	01 No.	HJ-65Q-1015
16	DRIVE SUB	01 No.	HJ-65D-1016
SPARE KIT (2, 4, 5, 7, 12, 14)		01 No.	HJ-65D-SK-10

HAMMER SPECIFICATION

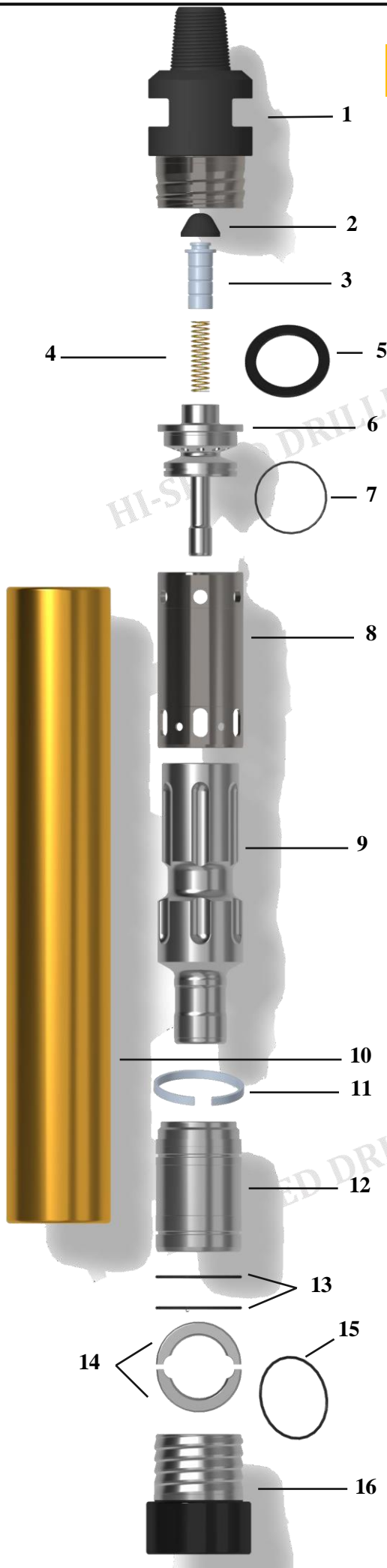
S. NO.	SPECIFICATION	U.O.M	VALUE
1	OUTER DIAMETER	mm	148
2	BARREL BORE	mm	122
3	WORKING LENGTH	mm	1025
4	PISTON WEIGHT	Kg	22.5
5	END CONNECTION	-	3.5" API REG 5TPI
6	DRILLING RANGE	mm	165 - 203
7	WRENCH SIZE	mm	A/F 90, W-40
8	SUITABLE SHANK	-	DIGGER / D6
9	HAMMER WEIGHT WITHOUT BIT	Kg	105 (Approx.)

DIGGER /
D6

SHANK LENGTH – 231mm

A TRUSTED DRILLING TOOL

HJ – 65DH – HAMMER

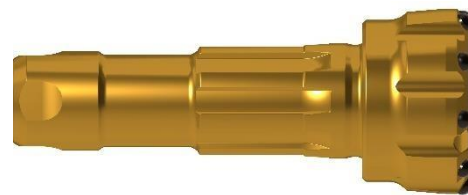


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8	LINER	01 No.	HJ-65Q-1008
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10	BARREL	01 No.	HJ-65DH-1010
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HAMMER SPECIFICATION

S. NO.	SPECIFICATION	U.O.M	VALUE
1	OUTER DIAMETER	mm	148
2	BARREL BORE	mm	122
3	WORKING LENGTH	mm	1105
4	PISTON WEIGHT	Kg	22.5
5	END CONNECTION	-	3.5" API REG 5TPI
6	DRILLING RANGE	mm	165 - 203
7	WRENCH SIZE	mm	A/F 90, W-40
8	SUITABLE SHANK	-	DHD 360 (WITHOUT FV)
9	HAMMER WEIGHT WITHOUT BIT	Ka	115 (Approx.)

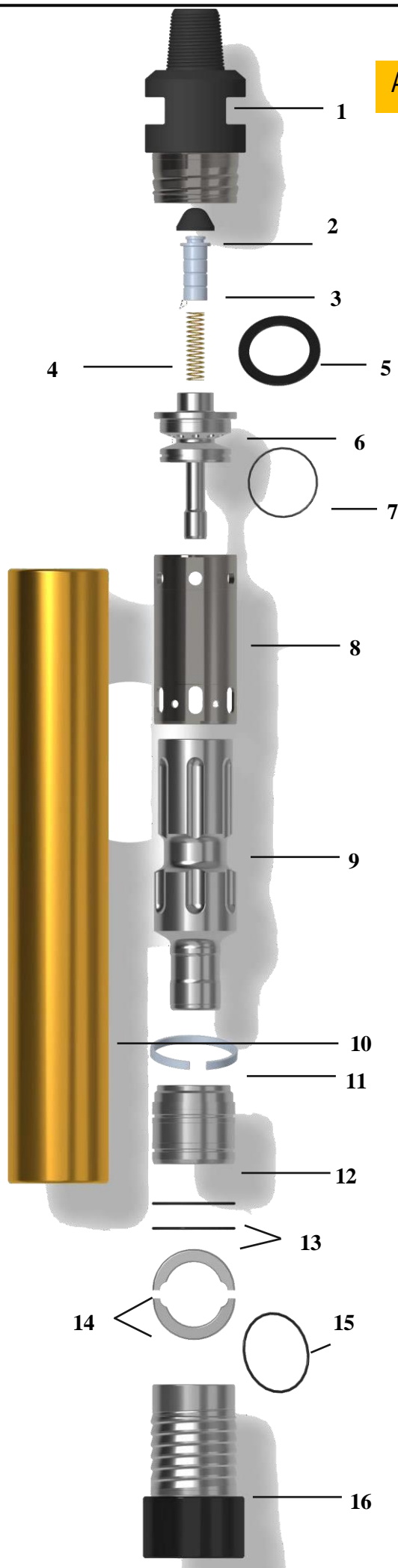
DHD 360



SHANK LENGTH – 308mm

HJ 65S HAMMER

A TRUSTED DRILLING TOOL

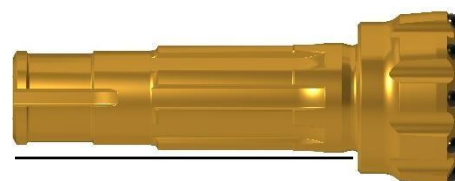


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9	PISTON	01 No.	HJ-65Q-1009
10	BARREL	01 No.	HJ-65S-1010
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HAMMER SPECIFICATION

S. NO.	SPECIFICATION	U.O.M	VALUE
1	OUTER DIAMETER	mm	148
2	BARREL BORE	mm	122
3	WORKING LENGTH	mm	1120
4	PISTON WEIGHT	Kg	22.5
5	END CONNECTION	-	3.5" API REG 5TPI
6	DRILLING RANGE	mm	165 - 203
7	WRENCH SIZE	mm	A/F 90, W-40
8	SUITABLE SHANK	-	SD 6 (WITHOUT FM)
9	HAMMER WEIGHT WITHOUT BIT	Kg	115 (Approx.)

SD 6



SHANK LENGTH – 325mm