

KDDB



**MORE FAST
MORE POWERFUL
MORE EFFICIENT
EVERY TIME TRUSTED**

KD Excavator Drill Bit



AT ITS WORST, DRILLING IS LIKE SHOOTING BLINDFOLDED. YOU'LL NEED ALL THE CONTROL AND PREDICTABILITY YOU CAN GET. KDDB FOCUSES ON ONE THING – GETTING YOUR DRILLING RIGHT. FIRST TIME AND EVERY TIME. WE BRING YOU THE TOOLS, KNOWLEDGE AND SUPPORT THAT HELP YOU MINIMIZE RISKS AS WELL AS THE COST PER METER.

KDDB

ABOUT US

KDDB is a strongly internationalised growth company servicing global customers and selling drilling consumables for applications in mining, construction and contracting, tunnelling and well drilling. The company's offering is divided into two product and service ranges: Top Hammer and Down-the-Hole.

The foundation of the KDDB story is strong and determined internationalization. KDDB emphasizes that it is a global company specializing in selling drilling consumables via its comprehensive distribution network in the global market.

KDDB has its own sales and service points throughout the world as well as an active sales network in many countries. KDDB's manufacturing units are located in Finland, South Korea, Australia, and the UK. Robit's shares are listed on NASDAQ Helsinki Ltd.

Our consistent high quality drill bits meet the needs of the most powerful hydraulic drifters.

- High alloy Scandinavian steel and compact homogenous tungsten carbide
- Modern bit design and our special method for installing the buttons into the bodies
- Continuous quality monitoring throughout the manufacturing process
- Continuous testing in Scandinavian granite

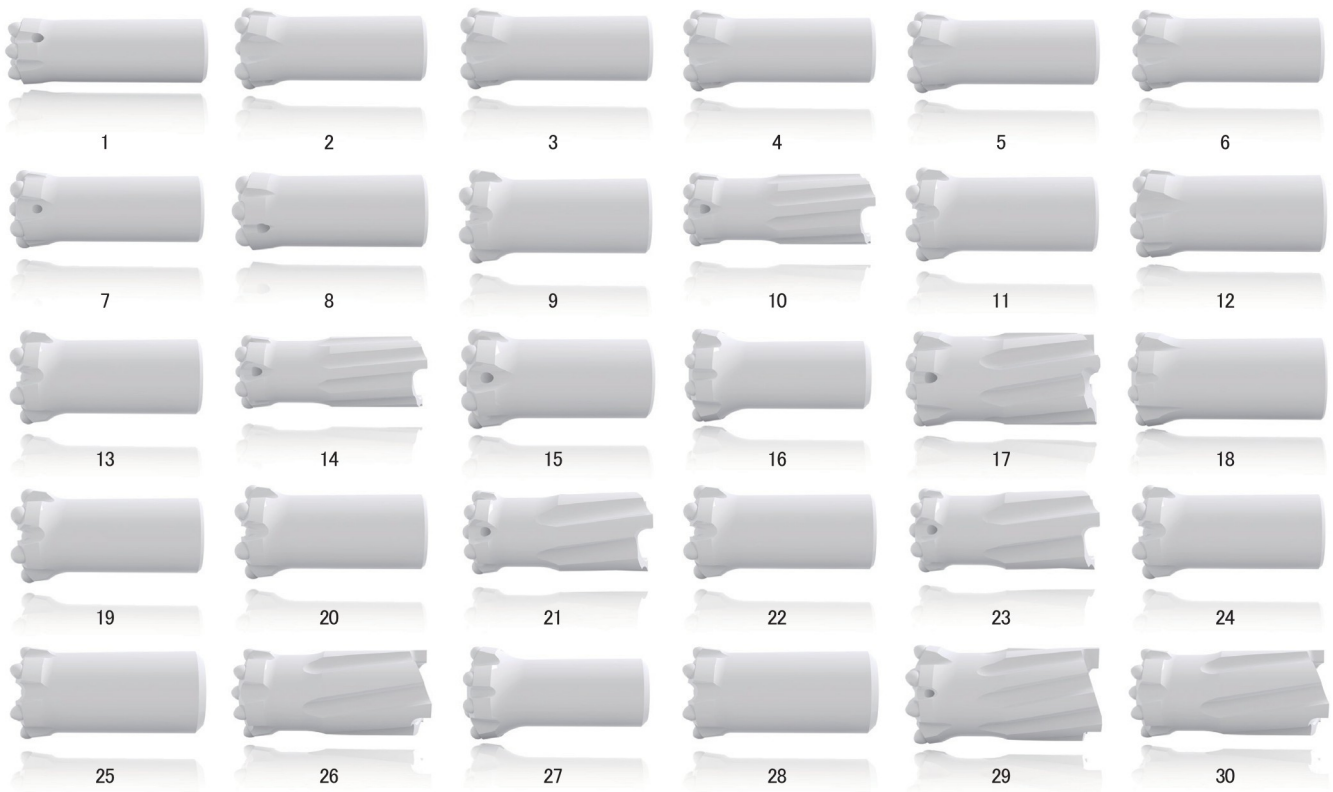
A focused niche supplier holding the global leading position in drill bit applications.

KDDB is a flexible company that puts all its efforts to developing first class button bits. We listen to our customers and their needs.

From past experience, KDDB people have a thorough knowledge of the modern hydraulic top hammer drilling. We combine that knowledge with our modern button bit design.

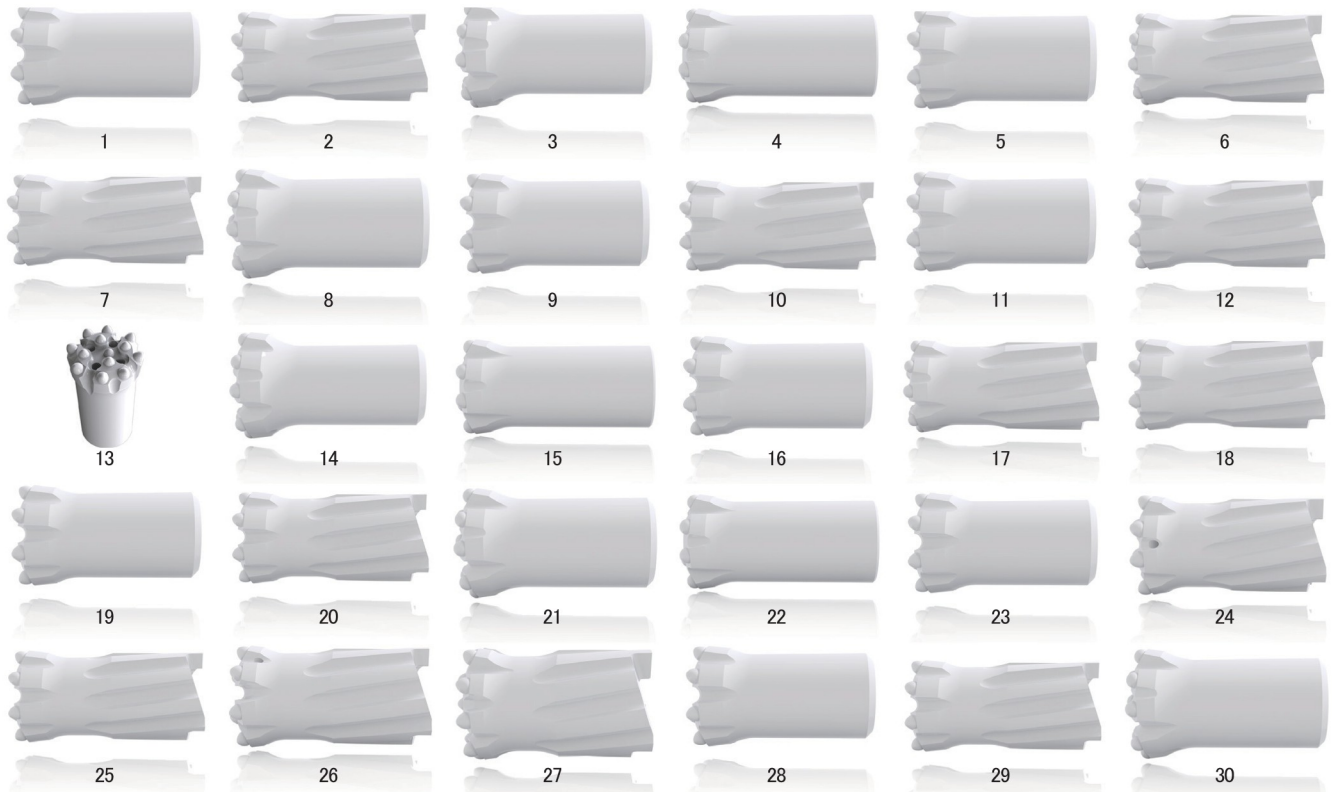


BUTTON BITS



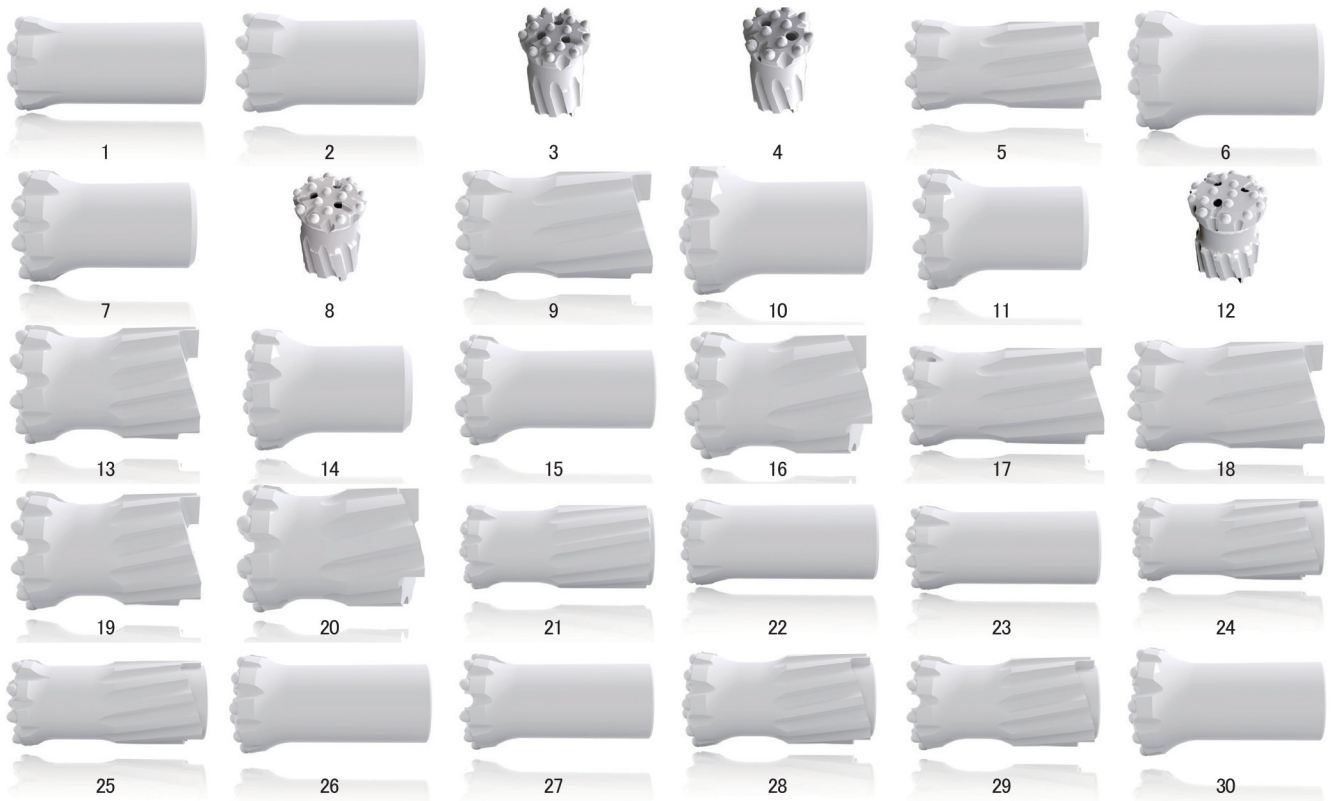
	MODEL	Thread	Diameter		Gauge	Buttons (center)	Buttons (gauge)	Flushing (center)	Flushing (gauge)	Product number		Weight
			mm	in						SuperDome	Ballistic	
1	KDDB 25R35M	R25	35	1 $\frac{3}{8}$	30°	2 x 8	6 x 8	2	2	04-125-035-2362	04-125-035-2363	0,3
2	KDDB 25R38M	R25	38	1 $\frac{1}{2}$	30°	2 x 8	6 x 8	2	2	04-125-038-2011	04-125-038-2012	0,5
3	KDDB 25R41M	R25	41	1 $\frac{5}{8}$	35°	2 x 8	6 x 9	2	2	04-125-041-2178	04-125-041-2179	0,5
4	KDDB 28R38M	R28	38	1 $\frac{1}{2}$	30°	2 x 8	6 x 8	2	2	04-128-038-2020	04-128-038-2021	0,5
5	KDDB 28R41M	R28	41	1 $\frac{5}{8}$	35°	2 x 8	6 x 9	2	2	04-128-041-2552	04-128-041-2618	0,5
6	KDDB 32R41M	R32	41	1 $\frac{5}{8}$	35°	2 x 8	6 x 9	2	2	04-132-041-2023	04-132-041-2024	0,5
7	KDDB 32R43S	R32	43	1 11/16	35°	3 x 8	6 x 9	3	2	04-132-043-3836	04-132-043-3837	0,7
8	KDDB 32R45A	R32	45	1 $\frac{3}{4}$	30°	2 x 9	5 x 11	1	2	04-132-045-0329	04-132-045-0331	0,7
9	KDDB 32R45S	R32	45	1 $\frac{3}{4}$	35°	3 x 8	6 x 9	3	1	04-132-045-3805	04-132-045-3806	0,7
10	KDDB 32R45SR	R32	45	1 $\frac{3}{4}$	35°	3 x 8	6 x 9	3	1	04-132-045-3818	04-132-045-3819	0,9
11	KDDB 32R48S	R32	48	1 $\frac{7}{8}$	35°	3 x 9	6 x 10	3	2	04-132-048-3815	04-132-048-3816	0,9
12	KDDB 32R51A	R32	51	2	35°	2 x 10	7 x 10	2	2	04-132-051-0357	04-132-051-0359	1
13	KDDB 32R51S	R32	51	2	35°	3 x 9	6 x 10	3	1	04-132-051-3821	04-132-051-3822	1
14	KDDB 32R51SR	R32	51	2	35°	3 x 9	6 x 10	3	1	04-132-051-4590	04-132-051-4591	1,2
15	KDDB 32R57S	R32	57	2 $\frac{1}{4}$	35°	3 x 10	6 x 11	3	1	04-132-057-0376	04-132-057-0379	1,3
16	KDDB 32R64A	R32	64	2 $\frac{1}{2}$	35°	4 x 10	8 x 10	2	-	04-132-064-2037	04-132-064-2038	1,7
17	KDDB 32R64AR	R32	64	2 $\frac{1}{2}$	35°	4 x 10	8 x 10	2	-	04-132-064-0385	04-132-064-0387	2,3
18	KDDB 32R76B	R32	76	3	35°	4 x 11	8 x 11	2	-	04-132-076-0398	04-132-076-0400	2,3
19	KDDB 35R48S	R35	48	1 $\frac{7}{8}$	35°	3 x 9	6 x 10	3	2	04-135-048-3725	04-135-048-3726	0,8
20	KDDB 35R51S	R35	51	2	35°	3 x 9	6 x 10	3	1	04-135-051-4682	04-135-051-4683	0,9
21	KDDB 35R51SR	R35	51	2	35°	3 x 9	6 x 10	3	1	04-135-051-4413	04-135-051-4414	1,2
22	KDDB 35R54S	R35	54	2 $\frac{1}{8}$	35°	3 x 10	6 x 10	3	1	04-135-054-4734	04-135-054-4735	1,1
23	KDDB 35R54SR	R35	54	2 $\frac{1}{8}$	35°	3 x 10	6 x 10	3	1	04-135-054-4131	04-135-054-4132	1,2
24	KDDB 38C55S	C38	55	2 1/6"	35°	3 x 10	6 x 11	3	1	01-238-055-2229	01-238-055-2230	1,2
25	KDDB 38C60DS	C38	60	2 $\frac{1}{2}$ "	35°	4 x 10	6 x 10	3	-	01-238-060-4063	01-238-060-4064	1,5
26	KDDB 38C60DSR	C38	60	2 $\frac{1}{2}$ "	35°	4 x 10	6 x 10	3	-	01-238-060-3750	01-238-060-3751	1,4
27	KDDB 38C64A	C38	64	2 $\frac{1}{2}$ "	35°	4 x 10	8 x 10	2	-	01-238-064-2244	01-238-064-2245	1,7
28	KDDB 38C64DS	C38	64	2 $\frac{1}{2}$ "	35°	4 x 10	6 x 10	3	-	01-238-064-4060	01-238-064-4061	1,5
29	KDDB 38C64AR	C38	64	2 $\frac{1}{2}$ "	35°	4 x 10	8 x 10	2	-	01-238-064-1034	01-238-064-1038	2,2
30	KDDB 38C64DSR	C38	64	2 $\frac{1}{2}$ "	35°	4 x 10	6 x 10	3	-	01-238-064-2386	01-238-064-2387	1,7

BUTTON BITS



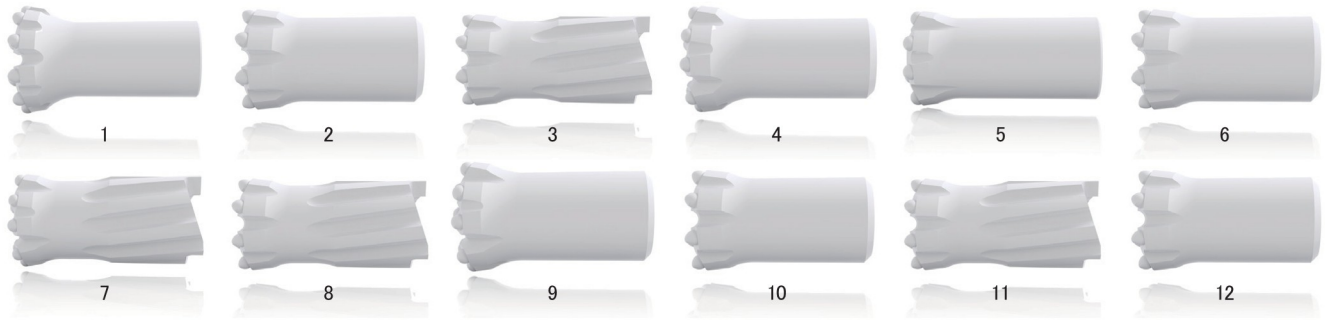
	MODEL	Thread	Diameter	Diameter	Gauge	Buttons	Buttons	Flushing	Flushing	Product number SuperDome	Product number Ballistic	Weight kg
			mm	in		no. x mm	no. x mm	no.	no.			
1	KDDB 38C70DS	C38	70	2 $\frac{1}{2}$ "	35°	5 x 10	8 x 10	4	-	01-238-070-4069	01-238-070-4070	1.7
2	KDDB 38C70DSR	C38	70	2 $\frac{1}{2}$ "	35°	5 x 10	8 x 10	4	-	01-238-070-3690	01-238-070-3691	2.5
3	KDDB 38C76A	C38	76	3"	35°	5 x 10	9 x 10	3	-	01-238-076-2048	01-238-076-2049	2.2
4	KDDB 38C76B	C38	76	3"	35°	4 x 12	8 x 13	2	-	01-238-076-1077	01-238-076-1080	2.2
5	KDDB 38C76DS	C38	76	3"	35°	5 x 11	8 x 11	4	-	01-238-076-4066	01-238-076-4067	2.2
6	KDDB 38C76AR	C38	76	3"	35°	5 x 10	9 x 10	3	-	01-238-076-2157	01-238-076-2158	3.5
7	KDDB 38C76DSR	C38	76	3"	35°	5 x 11	8 x 11	4	-	01-238-076-3952	01-238-076-3953	3.1
8	KDDB 38C89A	C38	89	3 $\frac{1}{2}$ "	35°	6 x 12	9 x 12	3	-	01-238-089-2192	01-238-089-2193	3.6
9	KDDB 38C89DS	C38	89	3 $\frac{1}{2}$ "	35°	5 x 12	8 x 12	4	-	01-238-089-4272	01-238-089-4273	2.8
10	KDDB 38C89DSR	C38	89	3 $\frac{1}{2}$ "	35°	5 x 12	8 x 12	4	-	01-238-089-4344	01-238-089-4345	4.1
11	KDDB 45C70DS	C45	70	2 $\frac{1}{2}$ "	35°	5 x 10	8 x 10	4	-	01-245-070-4035	01-245-070-4036	2.1
12	KDDB 45C70DSR	C45	70	2 $\frac{1}{2}$ "	35°	5 x 10	8 x 10	4	-	01-245-070-3695	01-245-070-3696	2.4
13	KDDB 45C70	C45	70	2 $\frac{1}{2}$ "	35°	5 x 10	8 x 11	4	-	01-245-070-2376	01-245-070-2377	2.1
14	KDDB 45C76A	C45	76	3"	35°	5 x 10	9 x 10	3	-	01-245-076-2350	01-245-076-2351	2.6
15	KDDB 45C76B	C45	76	3"	35°	4 x 12	8 x 13	2	-	01-245-076-2081	01-245-076-2082	2.6
16	KDDB 45C76DS	C45	76	3"	35°	5 x 11	8 x 11	4	-	01-245-076-4072	01-245-076-4073	2.3
17	KDDB 45C76AR	C45	76	3"	35°	5 x 10	9 x 10	3	-	01-245-076-2168	01-245-076-2169	3.1
18	KDDB 45C76DSR	C45	76	3"	35°	5 x 11	8 x 11	4	-	01-245-076-3720	01-245-076-3721	2.6
19	KDDB 45C83DS	C45	83	3 $\frac{1}{4}$ "	35°	5 x 12	8 x 12	4	-	01-245-083-4075	01-245-083-4076	2.8
20	KDDB 45C83DSR	C45	83	3 $\frac{1}{4}$ "	35°	5 x 12	8 x 12	4	-	01-245-083-3733	01-245-083-3734	3.5
21	KDDB 45C89A	C45	89	3 $\frac{1}{2}$ "	35°	6 x 12	9 x 12	3	-	01-245-089-1169	01-245-089-1172	3.3
22	KDDB 45C89B	C45	89	3 $\frac{1}{2}$ "	35°	4 x 14	8 x 14	2	-	01-245-089-1182	01-245-089-1184	3.3
23	KDDB 45C89DS	C45	89	3 $\frac{1}{2}$ "	35°	5 x 12	8 x 12	4	-	01-245-089-4081	01-245-089-4082	3.2
24	KDDB 45C89AR	C45	89	3 $\frac{1}{2}$ "	35°	6 x 12	9 x 12	3	-	01-245-089-1176	01-245-089-1180	5.1
25	KDDB 45C89DSR	C45	89	3 $\frac{1}{2}$ "	35°	5 x 12	8 x 12	4	-	01-245-089-3742	01-245-089-3743	4.4
26	KDDB 45C102DS	C45	102	4"	35°	7 x 12	9 x 14	3	-	01-245-102-2555	01-245-102-3058	4.4
27	KDDB 45C102DSR	C45	102	4"	35°	7 x 12	9 x 14	3	-	01-245-102-2210	01-245-102-2211	7.0
28	KDDB 51C83DS	C51	83	3 $\frac{1}{4}$ "	35°	5 x 12	8 x 12	4	-	01-251-083-4084	01-251-083-4085	3
29	KDDB 51C83DSR	C51	83	3 $\frac{1}{2}$ "	35°	5 x 12	8 x 12	4	-	01-251-083-3739	01-251-083-3740	3.2
30	KDDB 51C89A	C51	89	3 $\frac{1}{2}$ "	35°	6 x 12	9 x 12	3	-	01-251-089-2104	01-251-089-2105	3.9

BUTTON BITS



	MODEL	Thread	Diameter		Gauge	Buttons (center)	Buttons (gauge)	Flushing (center)	Flushing (gauge)	Product number		Weight
			mm	in						SuperDome	Ballistic	
1	HTG 51C89B	C51	89	3½"	35°	4 x 14	8 x 14	2	-	01-251-089-1247	01-251-089-1249	3,9
2	HTG 51C89DS	C51	89	3½"	35°	5 x 12	8 x 12	4	-	01-251-089-4038	01-251-089-4039	3,4
3	HTG 51C89AR	C51	89	3½"	35°	6 x 12	9 x 12	3	-	01-251-089-1240	01-251-089-1243	4,6
4	HTG 51C89BFR	C51	89	3½"	35°	4 x 14	8 x 14	2	-	01-251-089-1251	01-251-089-1253	4,6
5	HTG 51C89DSR	C51	89	3½"	35°	5 x 12	8 x 12	4	-	01-251-089-3745	01-251-089-3746	4
6	HTG 51C102A	C51	102	4"	35°	6 x 13	9 x 13	3	-	01-251-102-2063	01-251-102-2064	4,7
7	HTG 51C102DS	C51	102	4"	35°	7 x 12	9 x 14	3	-	01-251-102-2060	01-251-102-2061	4,7
8	HTG 51C102AR	C51	102	4"	35°	6 x 13	9 x 13	3	-	01-251-102-2559	01-251-102-2732	6,5
9	HTG 51C102DSR	C51	102	4"	35°	7 x 12	9 x 14	3	-	01-251-102-1284	01-251-102-1287	6,5
10	HTG 51C115A	C51	115	4½"	35°	7 x 14	10 x 14	3	-	01-251-115-2110	01-251-115-2111	6,0
11	HTG 51C115DS	C51	115	4½"	35°	7 x 14	10 x 14	3	-	01-251-115-2160	01-251-115-2161	6,0
12	HTG 51C115AR	C51	115	4½"	35°	7 x 14	10 x 14	3	-	01-251-115-2346	01-251-115-2347	9,1
13	HTG 51C115DSR	C51	115	4½"	35°	7 x 14	10 x 14	3	-	01-251-115-2066	01-251-115-2067	9,1
14	HTG 51C127A	C51	127	5"	35°	8 x 14	10 x 14	3	-	01-251-127-2313	01-251-127-2314	8,3
15	HTG 51C127DS	C51	127	5"	35°	6 x 16	10 x 16	5	-	01-251-127-2069	01-251-127-2070	8,3
16	HTG 51C127DSR	C51	127	5"	35°	6 x 16	10 x 16	5	-	01-251-127-2072	01-251-127-2073	11,1
17	HTG 58C92DSR	C58	92	3¾"	35°	5 x 13	8 x 13	4	-	01-358-092-2235	01-358-092-2236	5,2
18	HTG 58C102DSR	C58	102	4"	35°	7 x 12	9 x 14	3	-	01-358-102-2495	01-358-102-2496	6,6
19	HTG 58C115DSR	C58	115	4½"	35°	7 x 14	10 x 14	3	-	01-358-115-2560	01-358-115-3394	9,6
20	HTG 58C127DSR	C58	127	5"	35°	6 x 16	10 x 16	5	-	01-358-127-2561	01-358-127-2734	12,3
21	HTG 60RG95AR	RG60	95	3¾"	35°	6 x 12	9 x 12	3	-	01-460-095-1375	01-460-095-1376	6,5
22	HTG 60RG102A	RG60	102	4"	35°	6 x 13	9 x 13	3	-	01-460-102-2562	01-460-102-3395	5,7
23	HTG 60RG102DS	RG60	102	4"	35°	7 x 12	9 x 14	3	-	01-460-102-2563	01-460-102-3396	5,7
24	HTG 60RG102AR	RG60	102	4"	35°	6 x 13	9 x 13	3	-	01-460-102-2204	01-460-102-2205	7,4
25	HTG 60RG102DSR	RG60	102	4"	35°	7 x 12	9 x 14	3	-	01-460-102-2253	01-460-102-2254	7,4
26	HTG 60RG115A	RG60	115	4½"	35°	7 x 14	10 x 14	3	-	01-460-115-2564	01-460-115-3397	7,5
27	HTG 60RG115DS	RG60	115	4½"	35°	7 x 14	10 x 14	3	-	01-460-115-2565	01-460-115-3001	7,5
28	HTG 60RG115AR	RG60	115	4½"	35°	7 x 14	10 x 14	3	-	01-460-115-2566	01-460-115-3398	10,0
29	HTG 60RG115DSR	RG60	115	4½"	35°	7 x 14	10 x 14	3	-	01-460-115-2567	01-460-115-3056	10,0
30	HTG 60RG127A	RG60	127	5"	35°	8 x 14	10 x 14	3	-	01-460-127-2568	01-460-127-3035	9,4

BUTTON BITS



	MODEL	Thread	Diameter		Gauge	Buttons	Buttons	Flushing	Flushing	Product number		Weight
			mm	in		(center)	(gauge)	(center)	(gauge)	SuperDome	Ballistic	
					∠	no. x mm	no. x mm	no.	no.			kg
1	KDDB 60RG127DS	RG60	127	5"	35°	6 x 16	10 x 16	5	-	01-460-127-2569	01-460-127-2998	9,4
2	KDDB 60RG127AR	RG60	127	5"	35°	8 x 14	10 x 14	3	-	01-460-127-2570	01-460-127-3037	12,7
3	KDDB 60RG127DSR	RG60	127	5"	35°	6 x 16	10 x 16	5	-	01-460-127-2075	01-460-127-2076	12,7
4	KDDB 60RG140A	RG60	140	5½"	35°	10 x 14	12 x 16	3	-	01-460-140-2571	01-460-140-3399	11,1
5	KDDB 60RG140DS	RG60	140	5½"	35°	6 x 16	10 x 16	5	-	01-460-140-2572	01-460-140-3400	11,1
6	KDDB 60RG140AR	RG60	140	5½"	35°	10 x 14	12 x 16	3	-	01-460-140-2573	01-460-140-3401	16,1
7	KDDB 60RG140DSR	RG60	140	5½"	35°	6 x 16	10 x 16	5	-	01-460-140-2584	01-460-140-2585	16,1
8	KDDB 60RG152A	RG60	152	6"	35°	10 x 16	12 x 16	3	-	01-460-152-2574	01-460-152-3402	13,2
9	KDDB 60RG152DS	RG60	152	6"	35°	7 x 16	10 x 16	5	-	01-460-152-2575	01-460-152-3403	13,2
10	KDDB 68CT102DS	CT68	102	4"	35°	7 x 12	9 x 14	3	-	01-368-102-2201	01-368-102-2202	6,2
11	KDDB 68CT115DS	CT68	115	4½"	35°	7 x 14	10 x 14	3	-	01-368-115-2576	01-368-115-3408	7,7
12	KDDB 68CT127DS	CT68	127	5"	35°	6 x 16	10 x 16	5	-	01-368-127-2577	01-368-115-3409	10,7

OD BITS



1



2



3

	MODEL	Ground bit ID mm	Ground bit ID in	Ground bit OD mm	Ground bit OD in	Buttons (center) no. x mm	Buttons (gauge) no. x mm	Drill through button bits	Product number
1	KDH 105	67	2 5/8	104	4.094	4 x 9	8 x 9	38C64SGB	05-990-106-1458
2	KDOD 110	72	2 7/8	110	4.331	4 x 9	8 x 9	HTG 38C70DRB, 38R70AGB	05-772-110-1452
3	KDOD 131	92,5	3 5/8	131	5.157	6 x 9	12 x 12	HTG 45C89DB	05-792-131-1456

REAMING EQUIPMENT



1



2



3



4

	MODEL	Flushing (center) no.	Flushing (gauge) no.	Product number		Weight kg
				SuperDome	Ballistic	
1	KD Pilot adapter R32/R32	1	2	04-132-132-0410	-	2,4
2	KD Pilot adapter R35/R35	1	2	04-135-135-0464	-	2,4
3	KD Pilot adapter R32 Chisel			06L-24-0609	-	2,5
4	KD Pilot adapter R35 Chisel			06L-24-0608	-	2,5

REAMING EQUIPMENT



1



2



3



4



5



6



7



8



9



10



11



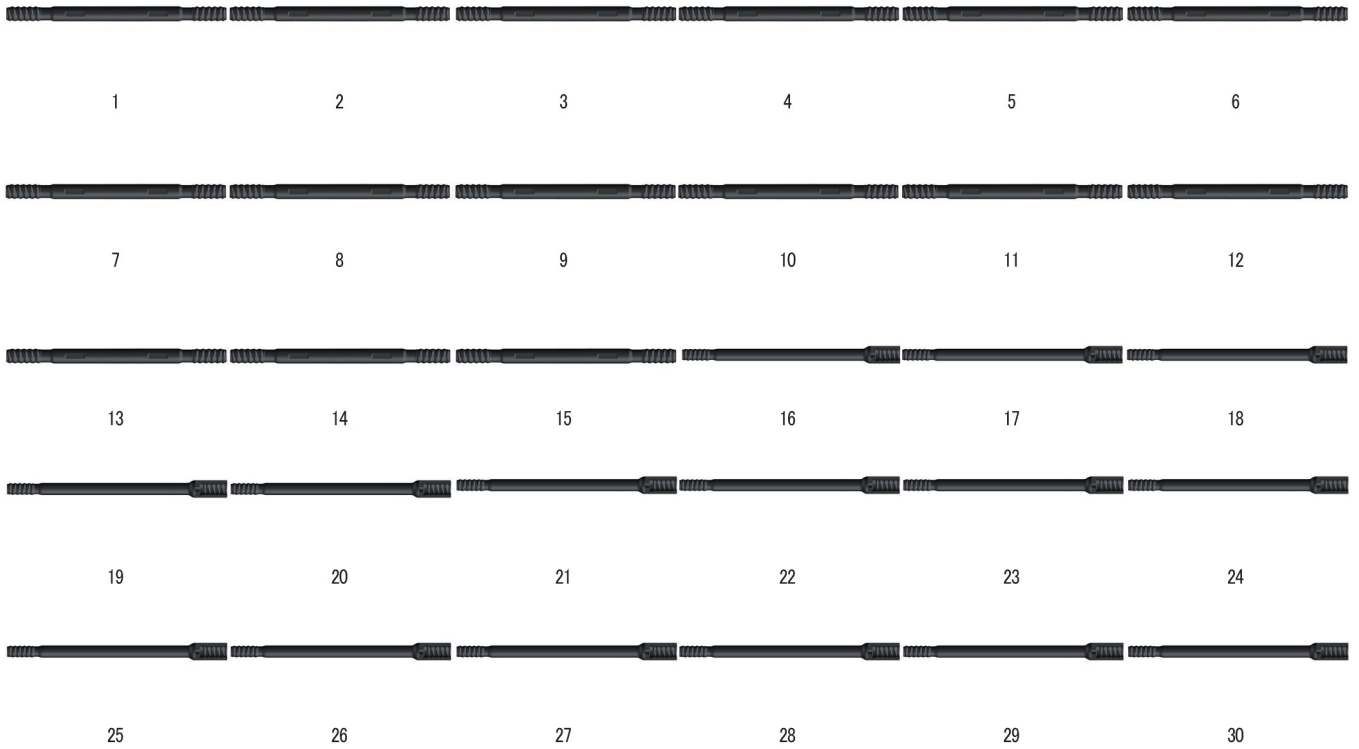
12



13

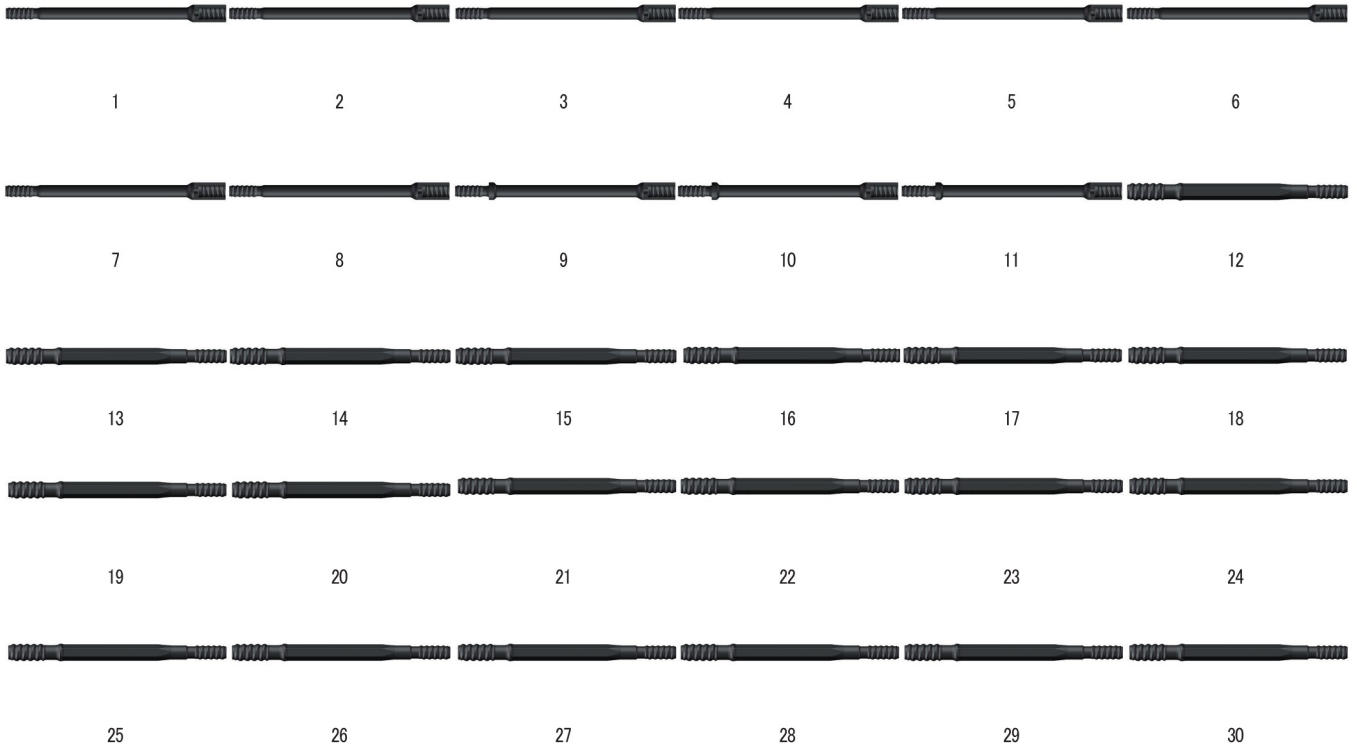
	MODEL	Buttons (center) no. x mm	Buttons (gauge) no. x mm	Flushing (center) no.	Flushing (gauge) no.	Product number		Weight kg
						SuperDome	Ballistic	
1	KD Reamer 89	4 x 10	8 x 12	-	-	04-012-089-0285	-	1,8
2	KD Reamer 102	4 x 12	8 x 12	-	-	04-012-102-0286	-	2,5
3	KD Reamer 127	4 x 14	8 x 14	-	-	04-012-127-0287	-	3,3
4	KD Reamer 140	5 x 14	10 x 14	-	-	04-012-140-3493	-	4,8
5	KDDB 32R89 Dome	4 x 9	12 x 12	2	2	04-132-089-2265	04-132-089-2266	2,5
6	KDDB 32R102 Dome	4 x 9	14 x 12	2	2	04-132-102-2268	04-132-102-2269	3,2
7	KDDB 32R127 Dome	4 x 9	18 x 14	2	2	04-132-127-2938	04-132-127-3393	5,8
8	KDDB 38C89 Dome	5 x 12	12 x 12	2	2	01-238-089-2979		3,4
9	KDDB 38C102 Dome	5 x 10	12 x 12	2	2	01-238-102-3520		4,5
10	KDDB 38C127 Dome	5 x 12	18 x 14	2	2	01-238-127-3946		6,4
11	KDDB 38C153 Dome	5 x 14	21 x 14	4	2	01-238-153-3476		10,7
12	KDDB 45C180 Dome	4 x 14	21 x 16	4	2	01-245-180-5212		17,9
13	KDDB 45C220 Dome	5 x 14	24 x 16	4	2	01-245-220-4250		29,0

RODS



	MODEL	Length	Length	Diameter	Thread (A)	Thread (B)	Flushing	Product number	Weight (kg)
		mm	ft - in						
1	KDMM-R32-32R-R32-3050	3050	10	RND32	R32	R32	11,7	06A-07-3241	16,5
2	KDMM-R32-32R-R32-3660	3660	12	RND32	R32	R32	11,7	06A-07-3242	19,8
3	KDMM-R32-32R-R32-0915-FC	915	3	RND32	R32	R32	11,7	06A-07-3247	4,6
4	KDMM-R32-32R-R32-1220-FC	1220	4	RND32	R32	R32	11,7	06A-07-2899	6,3
5	KDMM-R32-32R-R32-1525-FC	1525	5	RND32	R32	R32	11,7	06A-07-2900	8,0
6	KDMM-R32-32R-R32-1830-FC	1830	6	RND32	R32	R32	11,7	06A-07-2901	9,7
7	KDMM-C38-39R-C38-3050	3050	10	RND39	C38	C38	14,5	06A-07-0492	24,3
8	KDMM-C38-39R-C38-3660	3660	12	RND39	C38	C38	14,5	06A-07-0491	29,2
9	KDMM-C38-39R-C38-3050	3050	10	RND39	C38	C38	14,5	06A-07-0492	24,3
10	KDMM-C38-39R-C38-3660	3660	12	RND39	C38	C38	14,5	06A-07-0491	29,2
11	KDMM-C45-46R-C45-3050	3050	10	RND46	C45	C45	17,0	06A-07-0489	33,6
12	KDMM-C45-46R-C45-3660	3660	12	RND46	C45	C45	17,0	06A-07-2905	40,4
13	KDMM-C45-46R-C45-4265	4265	14	RND46	C45	C45	17,0	06A-07-2906	47,1
14	KDMM-C51-52R-C51-3660	3660	12	RND52	C51	C51	21,5	06A-07-2536	49,8
15	KDMM-C51-52R-C51-4265	4265	14	RND52	C51	C51	21,5	06A-07-2909	58,1
16	KDMF-R32-32R-R32-3050	3050	10	RND32	R32	R32	11,7	06B-07-2877	17,1
17	KDMF-R32-32R-R32-3660	3660	12	RND32	R32	R32	11,7	06B-07-2492	20,9
18	KDMF-R32-32R-R32-0915-FC	915	3	RND32	R32	R32	9,2	06B-07-2910	5,3
19	KDMF-R32-32R-R32-1220-FC	1220	4	RND32	R32	R32	9,2	06B-07-2876	7,3
20	KDMF-R32-32R-R32-1525-FC	1525	5	RND32	R32	R32	9,2	06B-07-2419	8,9
21	KDMF-R32-32R-R32-1830-FC	1830	6	RND32	R32	R32	9,2	06B-07-3020	10,5
22	KDMF-C38-39R-C38-3050	3050	10	RND39	C38	C38	14,5	06B-07-2199	25,6
23	KDMF-C38-39R-C38-3660	3660	12	RND39	C38	C38	14,5	06B-07-2491	30,4
24	KDMF-C38-39R-C38-4265	4265	14	RND39	C38	C38	14,5	06B-07-3243	35,2
25	KDMF-C38-39R-C38-3050	3050	10	RND39	C38	C38	14,5	06B-07-2199	25,6
26	KDMF-C38-39R-C38-3660	3660	12	RND39	C38	C38	14,5	06B-07-2491	30,4
27	KDMF-C38-39R-C38-4265	4265	14	RND39	C38	C38	14,5	06B-07-3243	35,2
28	KDMF-C45-46R-C45-3050	3050	10	RND46	C45	C45	17,0	06B-07-2882	35,7
29	KDMF-C45-46R-C45-3660	3660	12	RND46	C45	C45	17,0	06B-07-0501	42,5
30	KDMF-C45-46R-C45-4265	4265	14	RND46	C45	C45	17,0	06B-07-2912	49,5

RODS



	MODEL	Length	Length	Diameter	Thread (A)	Thread (B)	Flushing	Product number	Weight (kg)
		mm	ft - in				mm	no.	no.
1	KDMF-C45-46R-C45-6095	6095	20	RND46	C45	C45	17,0	06B-07-3244	69,0
2	KDMF-C45-46R-C45-1525-FC	1525	5	RND46	C45	C45	17,0	06B-07-2421	18,2
3	KDMF-C45-46R-C45-1830-FC	1830	6	RND46	C45	C45	17,0	06B-07-3019	21,5
4	KDMF-C51-52R-C51-3660	3660	12	RND52	C51	C51	21,5	06B-07-0500	52,5
5	KDMF-C51-52R-C51-4265	4265	14	RND52	C51	C51	21,5	06B-07-2884	61,0
6	KDMF-C51-52R-C51-6095	6095	20	RND52	C51	C51	21,5	06B-07-3245	85,6
7	KDMF-C51-52R-C51-1525-FC	1525	5	RND52	C51	C51	21,5	06B-07-3248	23,3
8	KDMF-C51-52R-C51-1830-FC	1830	6	RND52	C51	C51	21,5	06B-07-2883	27,3
9	KDMF-RG60-60R-RG60-3660	3660	12	RND60	RG60	RG60	22,5	06B-07-3358	74,1
10	KDMF-RG60-60R-RG60-4265	4265	14	RND60	RG60	RG60	22,5	06B-07-0502	85,7
11	KDMF-RG60-60R-RG60-6095	6095	20	RND60	RG60	RG60	22,5	06B-07-3359	120,5
12	KDMM-R38-32H-R32-3090	3090	10	HEX32	R38	R32	9,6	06D-07-2886	19,7
13	KDMM-R38-32H-R32-3700	3700	12	HEX32	R38	R32	9,6	06D-07-2887	23,6
14	KDMM-R38-32H-R32-4305	4305	14	HEX32	R38	R32	9,6	06D-07-2143	27,4
15	KDMM-R38-35H-R32-3090	3090	10	HEX35	R38	R32	9,5	06D-07-2892	23,9
16	KDMM-R38-35H-R32-3700	3700	12	HEX35	R38	R32	9,5	06D-07-2894	28,7
17	KDMM-R38-35H-R32-4305	4305	14	HEX35	R38	R32	9,5	06D-07-2709	33,5
18	KDMM-C38-32H-R32-3090	3090	10	HEX32	C38	R32	9,6	06D-07-2889	19,7
19	KDMM-C38-32H-R32-4305	4305	14	HEX32	C38	R32	9,6	06D-07-2750	27,4
20	KDMM-C38-35H-R32-3090	3090	10	HEX35	C38	R32	9,5	06D-07-2895	23,9
21	KDMM-C38-35H-R32-3700	3700	12	HEX35	C38	R32	9,5	06D-07-2897	28,7
22	KDMM-C38-35H-R32-4305	4305	14	HEX35	C38	R32	9,5	06D-07-0891	33,5
23	KDMM-C38-35H-R32-4915	4915	16' 1/2"	HEX35	C38	R32	9,5	06D-07-3965	38,3
24	KDMM-C38-35H-R32-5525	5525	18' 1/2"	HEX35	C38	R32	9,5	06D-07-3966	43,1
25	KDMM-C38-35H-R35-3090	3090	10' 1/8"	HEX35	C38	R35	9,5	06D-07-4348	24,1
26	KDMM-C38-35H-R35-3700	3700	12' 1/2"	HEX35	C38	R35	9,5	06D-07-4349	28,9
27	KDMM-C38-35H-R35-4305	4305	14' 1/2"	HEX35	C38	R35	9,5	06D-07-3021	33,7
28	KDMM-C38-35H-R35-4915	4915	16' 1/2"	HEX35	C38	R35	9,5	06D-07-4350	38,5
29	KDMM-C38-35H-R35-5525	5525	18' 1/2"	HEX35	C38	R35	9,5	06D-07-4057	43,3
30	KDMM-C38-35H-R35-6135	6135	20'	HEX35	C38	R35	9,5	06D-07-6135	47,9

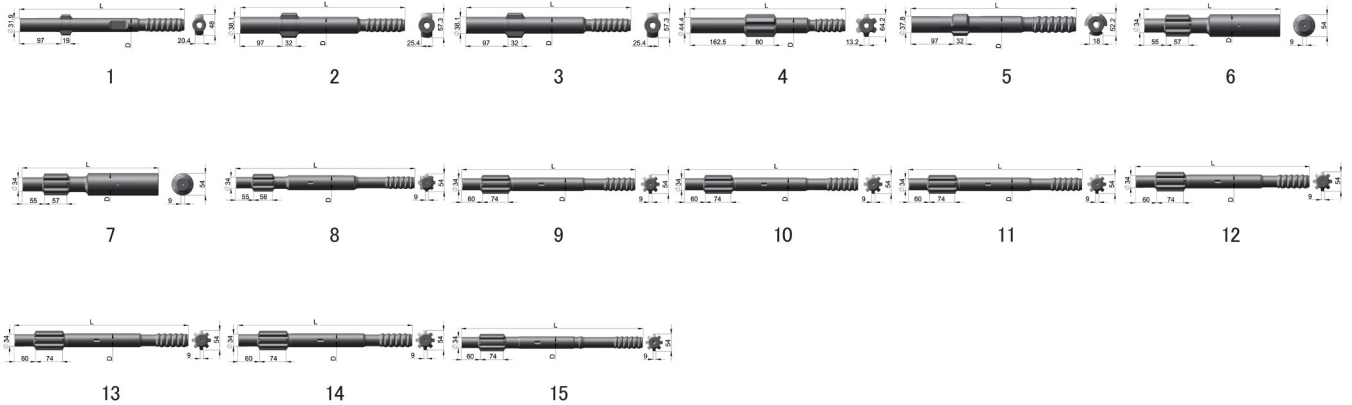
RODS



1 2 3 4 5 6

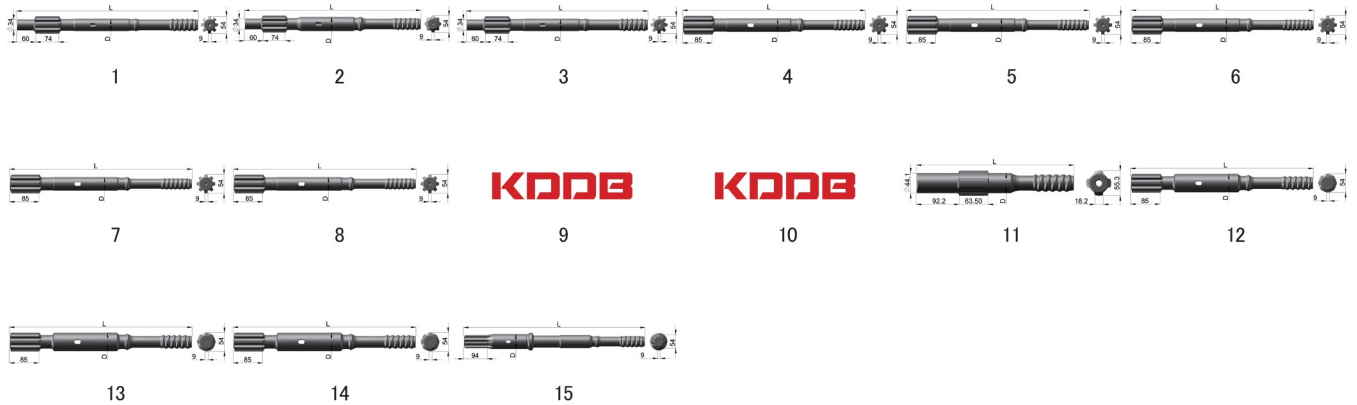
	MODEL	Length mm	Length ft - in	Diameter	Thread (A)	Thread (B)	Flushing mm	Product number no.	Weight (kg) no.
1	KDMM-C38-35H-R35-6440	6440	21'	HEX35	C38	R35	9,5	06D-07-4351	50,5
2	KDMM-C38-39R-R35-4305	4305	14' 1/2"	RND39	C38	R35	10,3	06D-07-4352	36,9
3	KDMM-C38-39R-R35-4915	4915	16' 1/2"	RND39	C38	R35	10,3	06D-07-4353	42,2
4	KDMM-C38-39R-R35-5525	5525	18' 1/2"	RND39	C38	R35	10,3	06D-07-3974	47,5
5	KDMM-C38-39R-R35-6135	6135	20'	RND39	C38	R35	10,3	06D-07-3975	52,8
6	KDMM-C38-39R-R35-6440	6440	21'	RND39	C38	R35	10,3	06D-07-3976	55,4

SHANKS



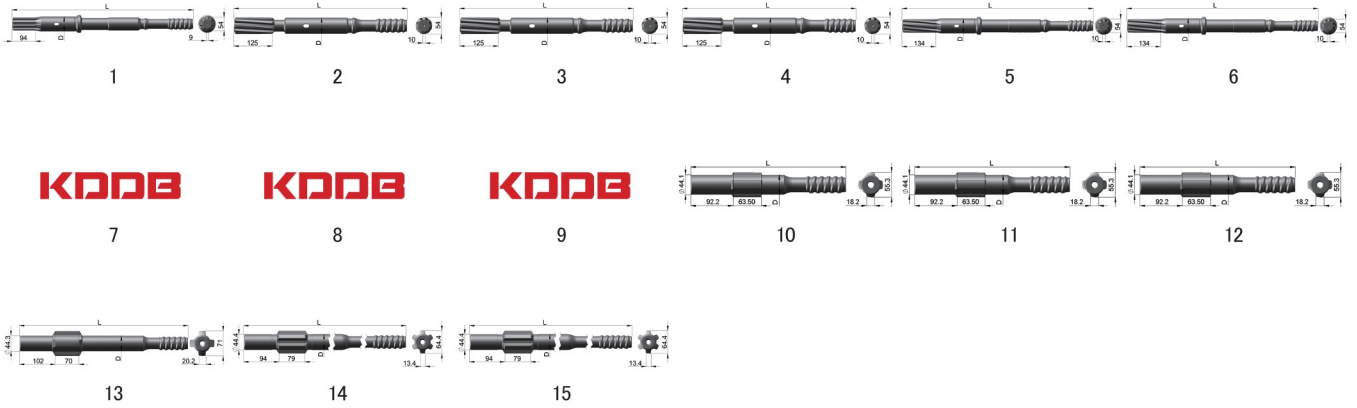
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDBC 43, 44, 45 and 100 – R32, L = 380mm, D = 32mm	Atlas Copco	10	R32	380	32	06F-07-3187	1,9
2	KDBC 51, 52, 54 and 120 – R32, L = 380mm, D = 38mm	Atlas Copco	10	R32	380	38	06F-07-3188	2,6
3	KDBC 51, 52, 54 and 120 – C38, L = 390mm, D = 38mm	Atlas Copco	10	C38	390	38	06F-07-3189	3,1
4	KDBE 57 – C38, L = 538mm, D = 44,5mm	Atlas Copco	14	C38	538	44,5	06F-07-3190	5,3
5	KDCOP 125, 130 and 131 – C38, L = 380mm, D = 38mm	Atlas Copco	14	C38	380	38	06F-07-3191	3,0
6	KDCOP 1032 HD – R32, L = 340mm, D = 45mm	Atlas Copco	–	R32	340	45	06F-07-3193	3,4
7	KDCOP 1032 HD – R38, L = 340mm, D = 55mm	Atlas Copco	–	R38	340	55	06F-07-3194	4,1
8	KDCOP 1032 LE – R32, L = 550mm, D = 45mm	Atlas Copco	–	R32	550	45	06F-07-3195	4,8
9	KDCOP 1036/1038 HB – R32, L = 500mm, D = 38mm	Atlas Copco	–	R32	500	38	06F-07-2820	4,0
10	KDCOP 1036/1038 HB – C38, L = 500mm, D = 38mm	Atlas Copco	–	C38	500	38	06F-07-2822	4,4
11	KDCOP 1036/1038 HB – C45, L = 500mm, D = 45mm	Atlas Copco	–	C45	500	45	06F-07-2823	5,0
12	KDCOP 1038 HD/1238 – R32, L = 485mm, D = 38mm	Atlas Copco	–	R32	485	38	06F-07-2429	4,0
13	KDCOP 1038 HD/1238 – R38, L = 485mm, D = 38mm	Atlas Copco	–	R38	485	38	06F-07-2720	4,2
14	KDCOP 1038 HD/1238 – C38, L = 485mm, D = 38mm	Atlas Copco	–	C38	485	38	06F-07-2430	4,2
15	KDCOP 1038 HL/1238 – R32, L = 575mm, D = 38mm	Atlas Copco	–	R32	575	38	06F-07-2828	4,6

SHANKS



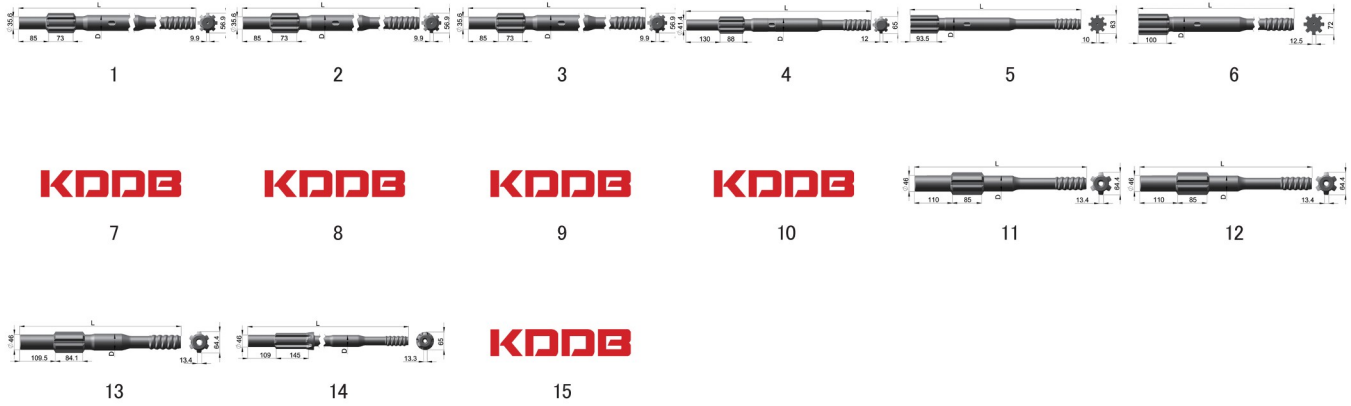
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDCOP 1038 HL/1238 - C38, L = 575mm, D = 38mm	Atlas Copco	-	C38	575	38	06F-07-2829	4,9
2	KDCOP 1038 HL/1238 - C45, L = 575mm, D = 45mm	Atlas Copco	-	C45	575	45	06F-07-2834	5,8
3	KDCOP 1238 - C38, L = 575mm, D = 45mm	Atlas Copco	-	C38	575	45	06F-07-2833	4,9
4	KDCOP 1432, (KDCOP 1532, KDCOP1440, KDCOP1838 HD/ME) - R32, L = 435mm, D = 38mm	Atlas Copco	-	R32	435	38	06F-07-2431	3,6
5	KDCOP 1432, (KDCOP 1532, KDCOP1440, KDCOP1838 HD/ME) - R38, L = 435mm, D = 38mm	Atlas Copco	-	R38	435	38	06F-07-2719	3,9
6	KDCOP 1432, (KDCOP 1532, KDCOP1440, KDCOP1838 HD/ME) - C38, L = 435mm, D = 38mm	Atlas Copco	-	C38	435	38	06F-07-0487	3,9
7	KDCOP 1432, (KDCOP 1532, KDCOP1440, KDCOP1838 HD/ME) - R32, L = 525mm, D = 38mm	Atlas Copco	-	R32	525	38	06F-07-2432	4,5
8	KDCOP 1432, (KDCOP 1532, KDCOP1440, KDCOP1838 HD/ME) - C38, L = 525mm, D = 38mm	Atlas Copco	-	C38	525	38	06F-07-2662	4,7
9	KDCOP 1432 Female - R32, L = 341mm, D = 55mm	Atlas Copco	-	R32	341	55	06F-07-3371	4,4
10	KDCOP 1432 Female - R38, L = 341mm, D = 55mm	Atlas Copco	-	R38	341	55	06F-07-3372	4,7
11	KDCOP 1132 - R32, L = 410mm, D = 35mm	Atlas Copco	-	R32	410	35	06F-07-3118	2,5
12	KDCOP 1550, KDCOP 1838 ME/HE - C38, L = 525mm, D = 52mm	Atlas Copco	-	C38	525	52	06F-07-2838	5,9
13	KDCOP 1550, KDCOP 1838 ME/HE - C45, L = 525mm, D = 52mm	Atlas Copco	-	C45	525	52	06F-07-2337	6,1
14	KDCOP 1550, KDCOP 1838 ME/HE - C51, L = 525mm, D = 52mm	Atlas Copco	-	C51	525	52	06F-07-2839	6,5
15	KDCOP 1550 EX, KDCOP 1838 EX - C38, L = 730mm, D = 60mm	Atlas Copco	-	C38	730	60	06F-07-3196	9,8

SHANKS



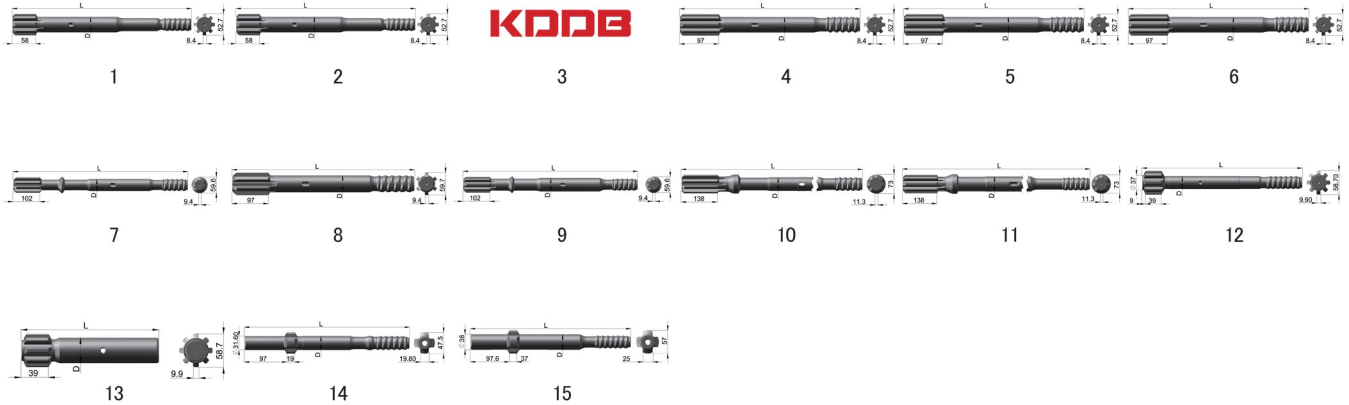
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDCOP 1550 EX, KDCOP 1838 EX – C45, L = 730mm, D = 60mm	Atlas Copco	–	C45	730	60	06F-07-3197	10,2
2	KDCOP 1840 HE, KDCOP 1850 – C38, L = 565mm, D = 52mm	Atlas Copco	–	C38	565	52	06F-07-2840	6,5
3	KDCOP 1840 HE, KDCOP 1850 – C45, L = 565mm, D = 52mm	Atlas Copco	–	C45	565	52	06F-07-2841	6,9
4	KDCOP 1840 HE, KDCOP 1850 – C51, L = 565mm, D = 52mm	Atlas Copco	–	C51	565	52	06F-07-0472	7,1
5	KDCOP 1840 HEX, KDCOP 1850 EX – C45, L = 770mm, D = 60mm	Atlas Copco	–	C45	770	60	06F-07-2740	10,9
6	KDCOP 1840 HEX, KDCOP 1850 EX – C51, L = 770mm, D = 60mm	Atlas Copco	–	C51	770	60	06F-07-3373	11,2
7	KDCOP 2150, KDCOP 2550 – C51, L = 770mm, D = 52mm	Atlas Copco	–	C51	770	52	06F-07-3374	9,9
8	KDCOP 2160, KDCOP 2560 – C45, L = 770mm, D = 63mm	Atlas Copco	–	C45	770	63	06F-07-3375	13,3
9	KDCOP 2160, KDCOP 2560 – C51, L = 770mm, D = 63mm	Atlas Copco	–	C51	770	63	06F-07-3376	13,5
10	KDPD 200 – R32, L = 330mm, D = 44,5mm	Furukawa	14	R32	330	44,5	06F-07-3198	3,3
11	KDPD 200 – C38, L = 380mm, D = 44,5mm	Furukawa	14	C38	380	44,5	06F-07-3199	3,7
12	KDPD 200 – C38, L = 446mm, D = 44,5mm	Furukawa	14	C38	446	44,5	06F-07-0480	4,5
13	KDPD 200R – C38, L = 485mm, D = 44mm	Furukawa	14	C38	485	44	06F-07-0478	4,8
14	KDHD 300 – C38, L = 655mm, D = 45mm	Furukawa	16	C38	655	45	06F-07-3200	6,2
15	KDHD 300 – C45, L = 655mm, D = 45mm	Furukawa	16	C45	655	45	06F-07-3201	6,5

SHANKS



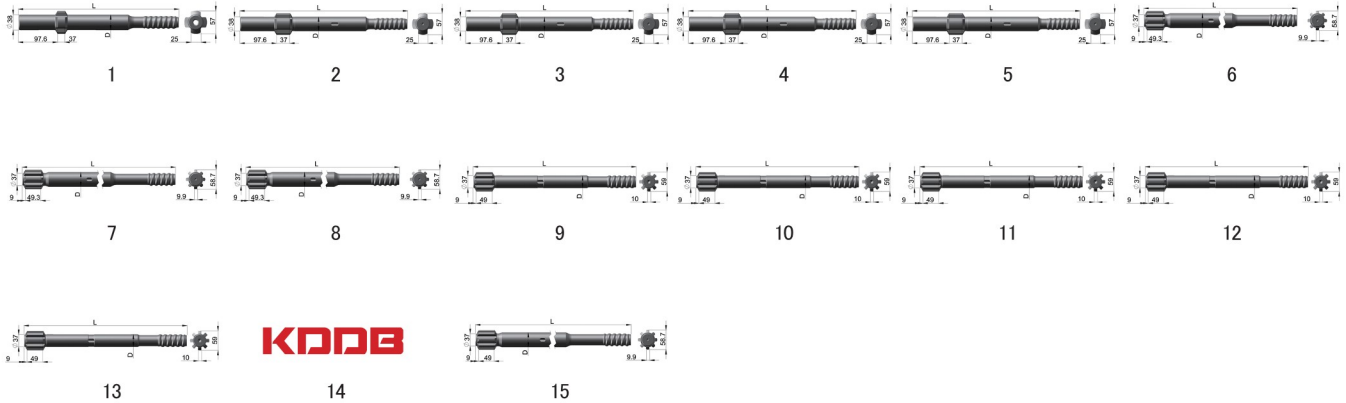
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDHD 609 – C38, L = 620mm, D = 45mm	Furukawa	–	C38	620	45	06F-07-2844	6,0
2	KDHD 609 – C38, L = 690mm, D = 45mm	Furukawa	–	C38	690	45	06F-07-3202	6,4
3	KDHD 609 – C45, L = 620mm, D = 45mm	Furukawa	–	C45	620	45	06F-07-2845	6,6
4	KDHD 612 – C45, L = 710mm, D = 50,8mm	Furukawa	–	C45	710	50,8	06F-07-2742	8,7
5	KDHD 709 – C38, L = 620mm, D = 45mm	Furukawa	–	C38	620	45	06F-07-2846	6,1
6	KDHD 712 – C45, L = 788mm, D = 51mm	Furukawa	–	C45	788	51	06F-07-2200	10,5
7	KDURD 475 (KDURD 550, VL120, EVL 130, VL140, and F16) – R32, L = 330mm, D = 44,5mm	Ingersoll-Rand	14	R32	330	44,5	06F-07-3198	3,3
8	KDURD 475 (KDURD 550, VL120, EVL 130, VL140, and F16) – R32, L = 380mm, D = 44,5mm	Ingersoll-Rand	14	R32	380	44,5	06F-07-3377	3,7
9	KDURD 475 (KDURD 550, VL120, EVL 130, VL140, and F16) – C38, L = 380mm, D = 44,5mm	Ingersoll-Rand	14	C38	380	44,5	06F-07-3199	3,7
10	KDURD 475 (KDURD 550, VL120, EVL 130, VL140, and F16) – C38, L = 446mm, D = 44,5mm	Ingersoll-Rand	14	C38	446	44,5	06F-07-0480	4,5
11	KDYH 65, KDYH 80 – C38, L = 495mm, D = 45mm	Ingersoll-Rand	19	C38	495	45	06F-07-0476	5,0
12	KDYH 65, KDYH 80 – C45, L = 495mm, D = 45mm	Ingersoll-Rand	19	C45	495	45	06F-07-2713	5,4
13	KDYH 80 A – C45, L = 495mm, D = 51mm	Ingersoll-Rand	19	C45	495	51	06F-07-2714	5,9
14	KDYH 65 RP (KDYH 70 RP, KDYH 75 RP, KDYH 80 RP) – C45, L = 700mm, D = 45mm	Ingersoll-Rand	19	C45	700	45	06F-07-4450	8,0
15	KDH100 – C38, L = 537mm, D = 44,5mm	Montabert	14	C38	537	44,5	06F-07-3382	5,3

SHANKS



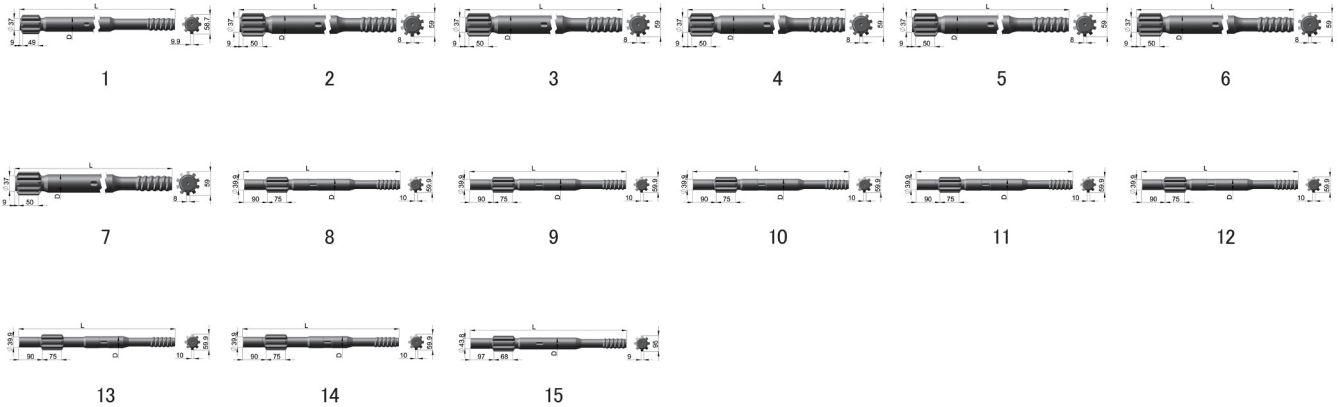
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDHC40 – R32, L = 447mm, D = 38mm	Montabert	–	R32	447	38	06F-07-2741	3,5
2	KDHC40 – R38, L = 447mm, D = 38mm	Montabert	–	R38	447	38	06F-07-2849	3,7
3	KDHC40 (female) – R32, L = 270mm, D = 52,5mm	Montabert	–	R32	270	52,5	06F-07-3380	4,1
4	KDHC 80, KDHC 90, KDHC 105 – R38, L = 440mm, D = 38mm	Montabert	–	R38	440	38	06F-07-2144	3,9
5	KDHC 80, KDHC 90, KDHC 105 – C38, L = 450mm, D = 38mm	Montabert	–	C38	450	38	06F-07-2434	4,0
6	KDHC 80, KDHC 90, KDHC 105 – C38, L = 500mm, D = 38mm	Montabert	–	C38	500	38	06F-07-3381	4,2
7	KDHC 80R (KDHC 105R, KDHC 107R, KDHC 108R, KDHC 109R) – C38, L = 670mm, D = 45mm	Montabert	–	C38	670	45	06F-07-2715	7,9
8	KDHC 80, KDHC 120 – C45, L = 490mm, D = 45mm	Montabert	–	C45	490	45	06F-07-3204	5,8
9	KDHC 120R, KDHC 150R, KDHC 155R, KDHC 158R – C51, L = 670mm, D = 51mm	Montabert	–	C51	670	51	06F-07-2032	9,3
10	KDHC 200 – C51, L = 840mm, D = 50,9mm	Montabert	–	C51	840	50,9	06F-07-2743	13,6
11	KDHC 200A – GT60, L = 850mm, D = 60mm	Montabert	–	GT60	850	60	06F-07-3205	16,8
12	KDHL 300 – R32, L = 400mm, D = 32mm	Sandvik	–	R32	400	32	06F-07-2771	2,6
13	KDHL 300S – R32, L = 245mm, D = 45mm	Sandvik	–	R32	245	45	06F-07-2198	2,6
14	L400, L410, L500, L510, L550 – R32, L = 380mm, D = 32mm	Sandvik	10	R32	380	32	06F-07-2776	2,0
15	KDHLR 438L and KDHLR 438T – R32, L = 380mm, D = 38mm	Sandvik	1207	R32	380	38	06F-07-2777	3,8

SHANKS



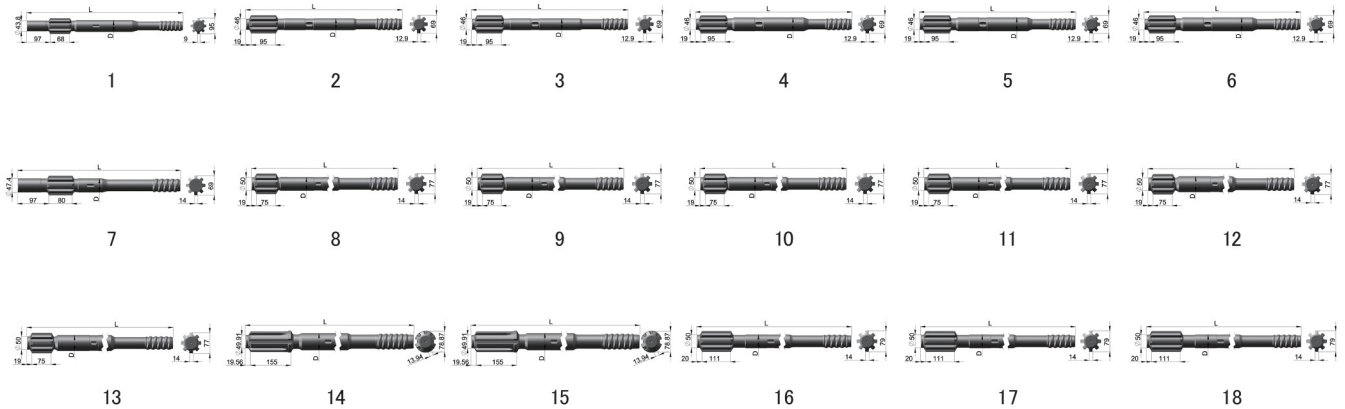
MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg	
1	KDHLR 438L and KDHLR 438T - C38, L = 400mm, D = 38mm	Sandvik	1207	C38	400	38	06F-07-2778	4,1
2	KDHLR 438LS, 438TS, KDHL 538, KDHL538L, L550S - R32, L = 450mm, D = 38mm	Sandvik	-	R32	450	38	06F-07-2780	3,8
3	KDHLR 438LS, 438TS, KDHL 538, KDHL538L, L550S - R38, L = 450mm, D = 38mm	Sandvik	-	R38	450	38	06F-07-2781	4,0
4	KDHLR 438LS, 438TS, KDHL 538, KDHL538L, L550S - C38, L = 455mm, D = 38mm	Sandvik	-	C38	455	38	06F-07-2783	4,1
5	KDHLR 438LS, 438TS, KDHL 538, KDHL538L, L550S - C38, L = 495mm, D = 38mm	Sandvik	-	C38	495	38	06F-07-2744	4,7
6	KDHL 500-45 / 510-45 - R32, L = 550mm, D = 45mm	Sandvik	-	R32	550	45	06F-07-2494	5,3
7	KDHL 500-45 / 510-45 - C38, L = 550mm, D = 45mm	Sandvik	-	C38	550	45	06F-07-0483	5,3
8	KDHL 500-45 / 510-45 - C45, L = 550mm, D = 45mm	Sandvik	-	C45	550	45	06F-07-2527	5,8
9	KDHL 500 S-38 / 510 S-38 / 510 B / 510 LKDH - R32, L = 460mm, D = 38mm	Sandvik	-	R32	460	38	06F-07-2335	3,7
10	KDHL 500 S-38 / 510 S-38 / 510 B / 510 LKDH - R38, L = 460mm, D = 38mm	Sandvik	-	R38	460	38	06F-07-2721	3,9
11	KDHL 500 S-38 / 510 S-38 / 510 B / 510 LKDH - C38, L = 460mm, D = 38mm	Sandvik	-	C38	460	38	06F-07-2371	4,0
12	KDHL 500 S-38 / 510 S-38 / 510 B / 510 LKDH - R38, L = 500mm, D = 38mm	Sandvik	-	R38	500	38	06F-07-2787	3,9
13	KDHL 500 S-38 / 510 S-38 / 510 B / 510 LKDH - C38, L = 500mm, D = 38mm	Sandvik	-	C38	500	38	06F-07-2788	4,0
14	KDHL 500 F / 510 F - R32, L = 350mm, D = 45mm	Sandvik	-	R32	350	45	06F-07-3361	3,9
15	KDHL 550 SUPER / 560 SUPER / 510 S-45 - R38, L = 500mm, D = 45mm	Sandvik	-	R38	500	45	06F-07-2789	5,3

SHANKS



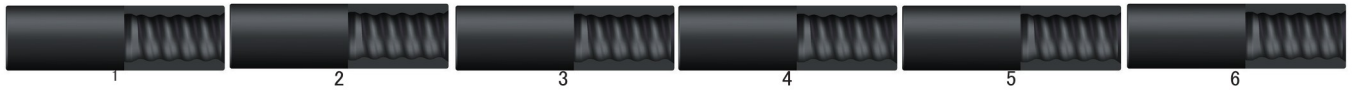
MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1 KDHL 550 SUPER / 560 SUPER / 510 S-45 - C38, L = 500mm, D = 45mm	Sandvik	-	C38	500	45	06F-07-2790	5,3
2 KDHLX 5 / KDHLX 5T - R32, L = 500mm, D = 45mm	Sandvik	-	R32	500	45	06F-07-2791	5,1
3 KDHLX 5 / KDHLX 5T - C38, L = 500mm, D = 45mm	Sandvik	-	C38	500	45	06F-07-2334	5,1
4 KDHLX 5 / KDHLX 5T - R38, L = 500mm, D = 45mm	Sandvik	-	R38	500	45	06F-07-2792	5,2
5 KDHLX 5 / KDHLX 5T - R32, L = 575mm, D = 45mm	Sandvik	-	R32	575	45	06F-07-2793	5,5
6 KDHLX 5 / KDHLX 5T - C38, L = 575mm, D = 45mm	Sandvik	-	C38	575	45	06F-07-2794	5,7
7 KDHLX 5 / KDHLX 5T - C45, L = 575mm, D = 45mm	Sandvik	-	C45	575	45	06F-07-2795	5,8
8 KDHL 600-45 / 600 S-45 - R32, L = 600mm, D = 45mm	Sandvik	-	R32	600	45	06F-07-2796	6,3
9 KDHL 600-45 / 600 S-45 - C38, L = 600mm, D = 45mm	Sandvik	-	C38	600	45	06F-07-2798	6,4
10 KDHL 600-45 / 600 S-45 - C45, L = 600mm, D = 45mm	Sandvik	-	C45	600	45	06F-07-2799	6,4
11 KDHL 600-45 / 600 S-45 - C38, L = 525mm, D = 45mm	Sandvik	-	C38	525	45	06F-07-2797	5,7
12 KDHL 600-45 / 600 S-45 - C45, L = 525mm, D = 45mm	Sandvik	-	C45	525	45	06F-07-2800	5,8
13 KDHL 600-52 - C45, L = 650mm, D = 52mm	Sandvik	-	C45	650	52	06F-07-2801	6,4
14 KDHL 600-52 - C51, L = 650mm, D = 52mm	Sandvik	-	C51	650	52	06F-07-2802	6,4
15 KDHL 645 - C38, L = 600mm, D = 45mm	Sandvik	-	C38	600	45	06F-07-2803	6,6

SHANKS



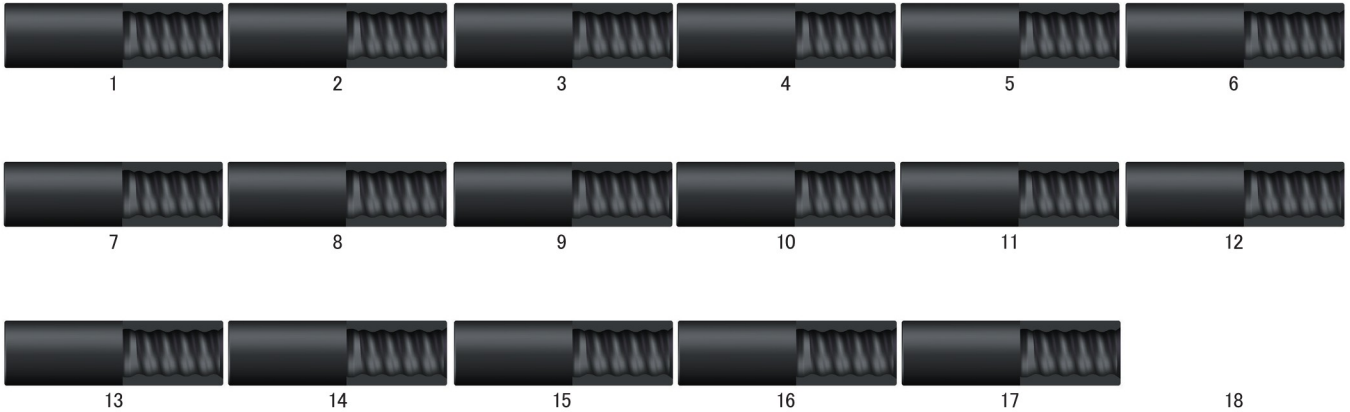
	MODEL	Manufacturer	Flushing mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	KDHL 645 – C45, L = 600mm, D = 45mm	Sandvik	–	C45	600	45	06F-07-2804	6,9
2	KDHL 650-45 / 700-45 / 700T-45 / 710-45 / 800T-45 – C38, L = 600mm, D = 45mm	Sandvik	–	C38	600	45	06F-07-2805	7,0
3	KDHL 650-45 / 700-45 / 700T-45 / 710-45 / 800T-45 – C45, L = 600mm, D = 45mm	Sandvik	–	C45	600	45	06F-07-2806	7,5
4	KDHL 650-52 (700-52 / PE-52 / S-52, 710-52 / S-52 / PE-52 / SPE-52, 800T-52 / PE-52) – C38, L = 600mm, D = 52mm	Sandvik	–	C38	600	52	06F-07-0482	8,0
5	KDHL 650-52 (700-52 / PE-52 / S-52, 710-52 / S-52 / PE-52 / SPE-52, 800T-52 / PE-52) – C45, L = 600mm, D = 52mm	Sandvik	–	C45	600	52	06F-07-2182	8,5
6	KDHL 650-52 (700-52 / PE-52 / S-52, 710-52 / S-52 / PE-52 / SPE-52, 800T-52 / PE-52) – C51, L = 600mm, D = 52mm	Sandvik	–	C51	600	52	06F-07-2331	8,6
7	KDHL 850S – C45, L = 670mm, D = 52mm	Sandvik	–	C45	670	52	06F-07-2810	9,5
8	KDHL 1000-52 / 1000 S-52 – C45, L = 670mm, D = 52mm	Sandvik	–	C45	670	52	06F-07-2812	10,0
9	KDHL 1000-52 / 1000 S-52 – C51, L = 670mm, D = 52mm	Sandvik	–	C51	670	52	06F-07-2814	10,7
10	KDHL 1000-52 / 1000 S-52 – C45, L = 590mm, D = 52mm	Sandvik	–	C45	590	52	06F-07-2811	8,9
11	KDHL 1000-52 / 1000 S-52 – C51, L = 590mm, D = 52mm	Sandvik	–	C51	590	52	06F-07-2813	9,3
12	KDHL 1000-60 – C51, L = 670mm, D = 60mm	Sandvik	–	C51	670	60	06F-07-2815	12,5
13	KDHL 1000-60 – RG60, L = 670mm, D = 60mm	Sandvik	–	RG60	670	60	06F-07-3360	12,9
14	KDHL 1000 PE-65 / KDHL 1500 PE-65 / KDHL 1560 T-65 – C51, L = 760mm, D = 65mm	Sandvik	–	C51	760	65	06F-07-3186	15,9
15	KDHL 1000 PE-65 / KDHL 1500 PE-65 / KDHL 1560 T-65 – RG60, L = 760mm, D = 65mm	Sandvik	–	RG60	760	65	06F-07-3232	16,9
16	KDHL 1500-52 / 1500 T-52 – C51, L = 710mm, D = 52mm	Sandvik	–	C51	710	52	06F-07-2816	11,2
17	KDHL 1500-60 / 1500 T-60 – C51, L = 760mm, D = 60mm	Sandvik	–	C51	760	60	06F-07-3363	13,3
18	KDHL 1500-60 / 1500 T-60 – RG60, L = 760mm, D = 60mm	Sandvik	–	RG60	760	60	06F-07-3364	14,7

COUPLINGS



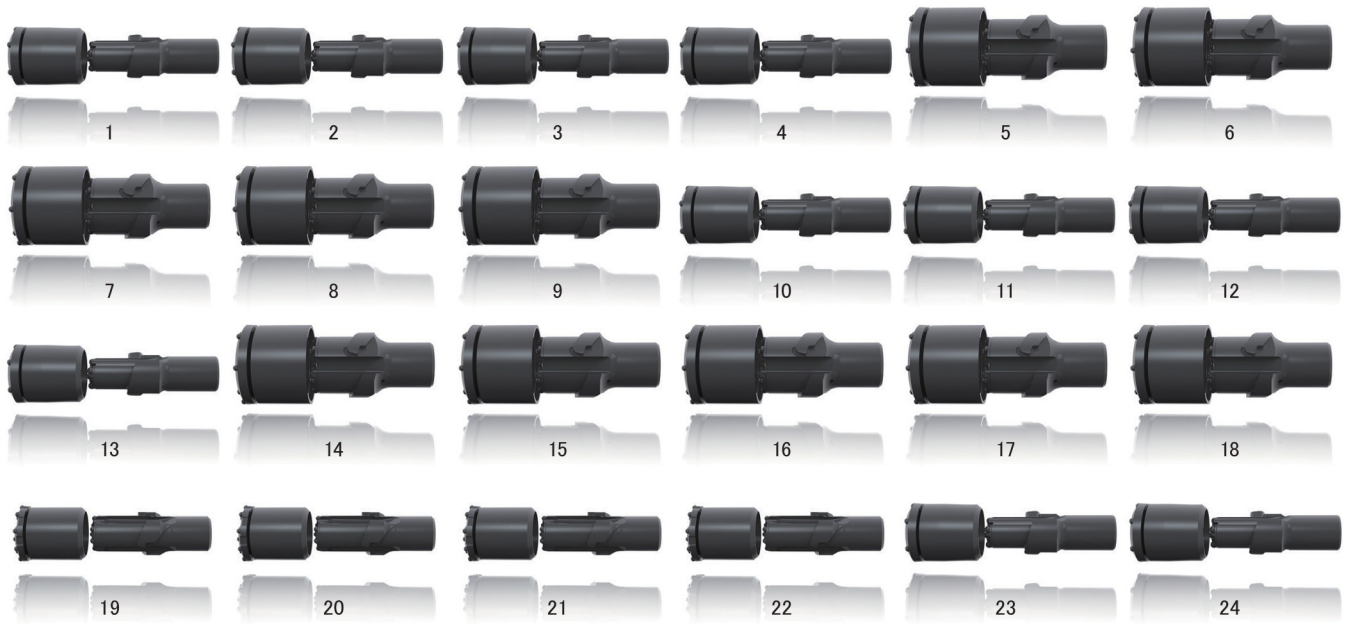
	MODEL	Length		Diameter mm	Thread		Bridge mm	Product number	Weight kg
		mm	ft - in		A	B			
1	KD Coupling R32 - L = 150mm, D = 44mm	150	5%	44	R32	R32	S	06E-07-0496	1,0
2	KD Coupling R38 - L = 170mm, D = 55mm	170	6%	55	R38	R38	S	06E-07-0495	1,9
3	KD Coupling C38 - L = 190mm, D = 55mm	190	7½	55	C38	C38	S	06E-07-0497	2,0
4	KD Coupling C45 - L = 210mm, D = 63mm	210	8¼	63	C45	C45	S	06E-07-0889	2,8
5	KD Coupling C51-D72 - L = 225mm, D = 72mm	225	8%	72	C51	C51	S	06E-07-2853	3,8
6	KD Coupling C51-D77 - L = 225mm, D = 77mm	225	8%	77	C51	C51	S	06E-07-0494	4,7

COUPLINGS



	MODEL	Thread	Thread	Length mm	Diameter mm	Bridge mm	Product number	Weight kg
		A	B					
1	KD Coupling R25 - L = 150mm, D = 35mm	R25	R25	150	35	S	06E-07-2856	0,7
2	KD Coupling R28 - L = 150mm, D = 40mm	R28	R28	150	40	S	06E-07-2855	0,9
3	KD Coupling R32 - L = 150mm, D = 44mm	R32	R32	150	44	S	06E-07-0496	1
4	KD Coupling R38 - L = 170mm, D = 55mm	R38	R38	170	55	S	06E-07-0495	1,9
5	KD Coupling C38 - L = 190mm, D = 55mm	C38	C38	190	55	S	06E-07-0497	2
6	KD Coupling C45 - L = 210mm, D = 63mm	C45	C45	210	63	S	06E-07-0889	2,8
7	KD Coupling C45 - L = 210mm, D = 66mm	C45	C45	210	66	S	06E-07-2854	3,1
8	KD Coupling C51 - L = 225mm, D = 72mm	C51	C51	225	72	S	06E-07-2853	3,8
9	KD Coupling C51 - L = 225mm, D = 77mm	C51	C51	225	77	S	06E-07-0494	4,7
10	KD Coupling R28-R25 - L = 160mm, D = 40mm	R28	R25	160	40	F	06E-07-3386	0,9
11	KD Coupling R32-R25 - L = 160mm, D = 44mm	R32	R25	160	44	F	06E-07-2857	1,2
12	KD Coupling R32-R28 - L = 160mm, D = 44mm	R32	R28	160	44	F	06E-07-3387	1,2
13	KD Coupling R38-R32 - L = 180mm, D = 55mm	R38	R32	180	55	F	06E-07-2660	1,7
14	KD Coupling C38-R32 - L = 190mm, D = 55mm	C38	R32	190	55	F	06E-07-2863	1,7
15	KD Coupling C38-R38 - L = 190mm, D = 55mm	C38	R38	190	55	F	06E-07-2865	1,9
16	KD Coupling C45-C38 - L = 206mm, D = 63mm	C45	C38	206	63	F	06E-07-3388	3
17	KD Coupling C51-D77 - L = 225mm, D = 77mm	C51	C45	225	72	F	06E-07-3389	3,8

ROX

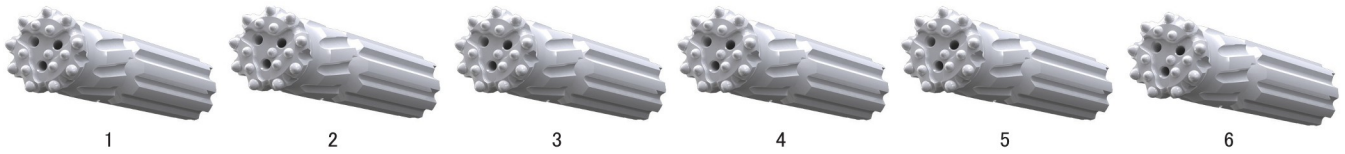


	MODEL	Casing OD mm	Casing OD in	Casing Max Wall mm	Casing Max Wall in	Ring bit ID mm	Ring bit ID in	Ring bit OD mm	Ring bit OD in	Pilot bit OD mm	Pilot bit OD in	Thread	Product number
1	KDROX+ 76,1/8	76,1	3	8	0.315	47	1.85	90	3.543	59	2.323	R32	02-132-076-0021
2	KDROX+ 88,9/4	88,9	3 1/2	4	0.157	71	2.795	99	3.898	80	3.15	C38	02-238-088-0022
3	KDROX+ 88,9/8	88,9	3 1/2	8	0.315	50,8	2	94,9	3.736	70	2.756	C38	02-238-088-6412
4	KDROX+ 101,6/10	101,6	4	10	0.394	65	2.559	110	4.331	79	3.11	C38	02-238-101-0026
5	KDROX+ 114,3/5	114,3	4 1/2	5	0.197	91	3.583	128	5.039	102	4.016	C38	02-238-114-3344
6	KDROX 114,3/10	114,3	4 1/2	10	0.394	73,5	2.894	120,3	4.736	92,5	3.642	C38	02-238-114-0028
7	KDROX 139,7/10	139,7	5 1/2	10	0.394	105	4.134	145,7	5.736	117,5	4.626	C45	02-245-139-0032
8	KDROX+ 159,0/10	159	6 1/4	10	0.394	119	4.685	169	6.654	137	5.394	C45	02-245-159-3100
9	KDROX+ 168,3/10	168,3	6 5/8	10	0.394	127	5	182,3	7.177	147	5.787	C45	02-251-168-0038
10	KDROX+ 76,1/8	76,1	3	8	0.315	47	1.85	90	3.543	59	2.323	R32	02-011-076-0001
11	KDROX+ 88,9/4	88,9	3 1/2	4	0.157	71	2.795	99	3.898	80	3.15	C38	02-011-088-0003
12	KDROX+ 88,9/8	88,9	3 1/2	8	0.315	50,8	2	94,9	3.736	70	2.756	C38	02-011-088-0006
13	KDROX+ 101,6/10	101,6	4	10	0.394	65	2.559	110	4.331	79	3.11	C38	02-011-101-0012
14	KDROX+ 114,3/5	114,3	4 1/2	5	0.197	91	3.583	128	5.039	102	4.016	C38	02-011-114-3346
15	KDROX 114,3/10	114,3	4 1/2	10	0.394	73,5	2.894	120,3	4.736	92,5	3.642	C38	02-011-114-0014
16	KDROX 139,7/10	139,7	5 1/2	10	0.394	105	4.134	145,7	5.736	117,5	4.626	C45	02-011-139-0016
17	KDROX+ 159,0/10	159	6 1/4	10	0.394	119	4.685	169	6.654	137	5.394	C45	02-011-159-3103
18	KDROX+ 168,3/10	168,3	6 5/8	10	0.394	127	5	182,3	7.177	147	5.787	C45	02-011-168-0019
19	KDROX MU 114,3/10	114,3	4 1/2	10	0.394	78	3.071	122	4.803	92,5	3.642	C45	02-245-114-4019
20	KDROX MU 139,7/10	139,7	5 1/2	10	0.394	105	4.134	145,7	5.736	117,5	4.626	C45	02-245-139-0034
21	KDROX MU 114,3/10	114,3	4 1/2	10	0.394	78	3.071	122	4.803	92,5	3.642	C45	02-011-114-4015
22	KDROX MU 139,7/10	139,7	5 1/2	10	0.394	105	4.134	145,7	5.736	117,5	4.626	C45	02-011-139-0018
23	KDROX+ GFRP 76,1/8	76,1	3	8	0.315	47	1.85	90	3.543	59	2.323	R32	02-132-076-0021
24	KDROX+ GFRP 76,1/8	76,1	3	8	0.315	47	1.85	90	3.543	59	2.323	R32	02-011-076-2382

TH DRILL TUBES

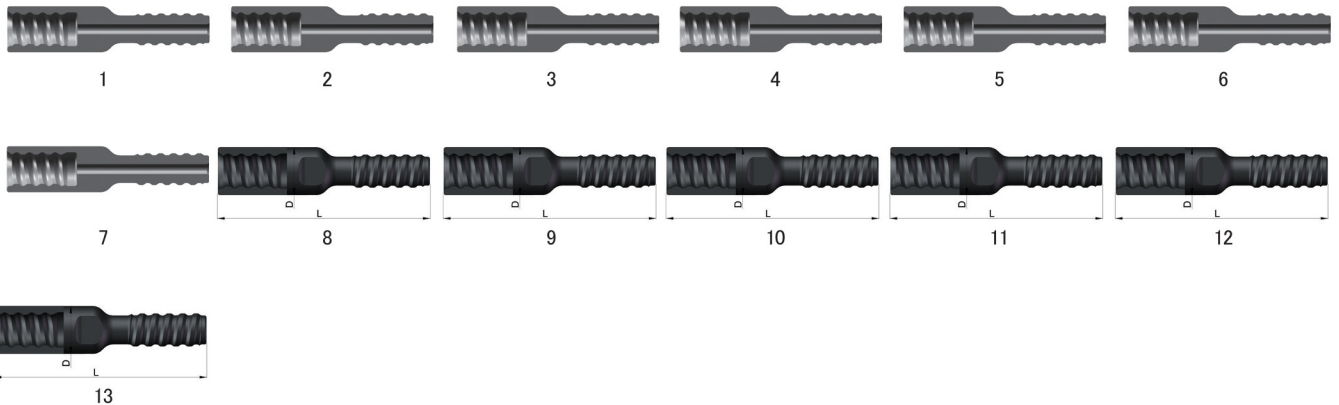
	MODEL	Length mm	Length in	Diameter mm	Thread A	Thread B	Flushing mm	Product number
1	KDTH Drill Tube MF CT38 056/1830	1830	6'	56	CT38	CT38	14,5	08-238-056-0470
2	KDTH Drill Tube MF CT45 065/1220	1220	4'	65	CT45	CT45	18	08-245-065-0716
3	KDTH Drill Tube MF CT45 065/1525	1525	5'	65	CT45	CT45	18	08-245-065-0717
4	KDTH Drill Tube MF CT45 065/1830	1830	6'	65	CT45	CT45	18	08-245-065-6802

TOP HAMMER ACCESSORIES AND SERVICES



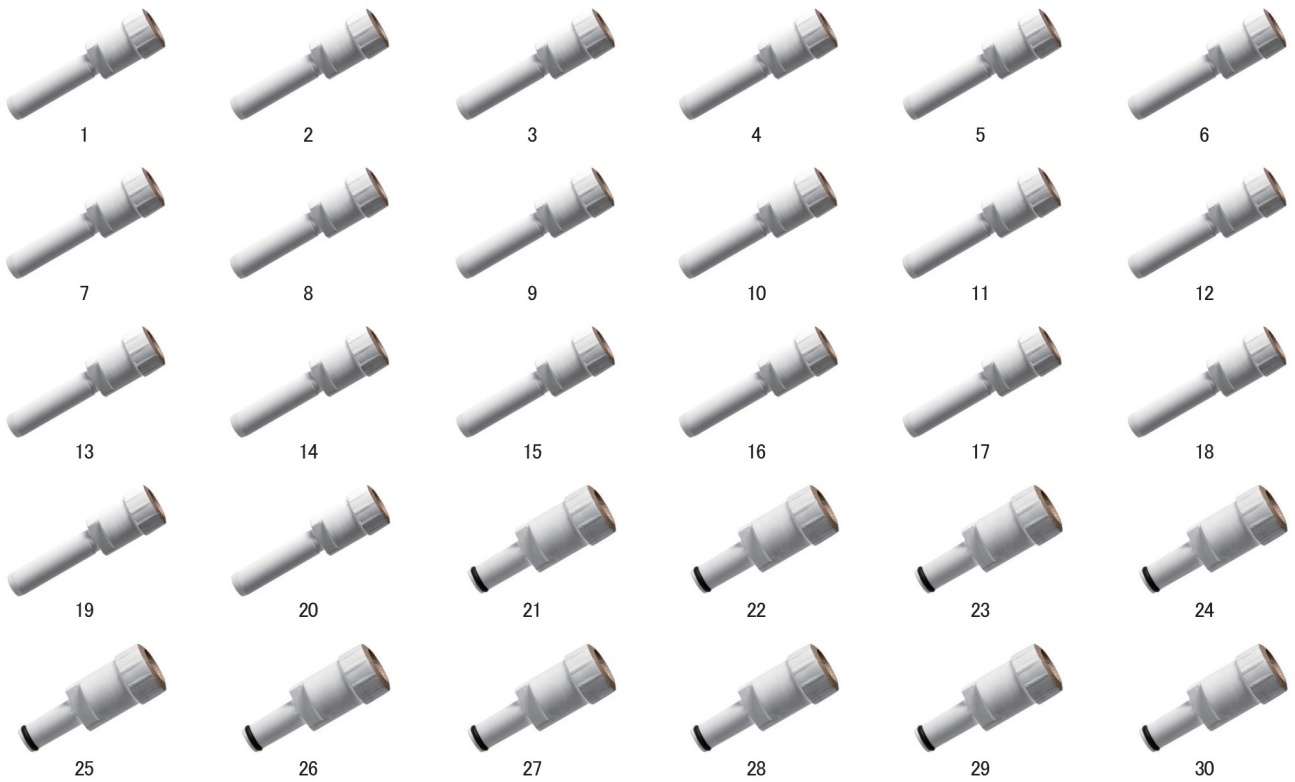
	MODEL	Bit diameter mm	Thread	Length mm	Diameter mm	Product number	Weight kg
1	Guide adapter KDMF-38C62-410	64	C38	410	62	01-238-238-1112	6
2	Guide adapter KDMF-45C68-410	70	C45	410	68	01-245-245-3282	6,9
3	Guide adapter KDMF-45C72-410	76	C45	410	72	01-245-245-2345	7,8
4	Guide adapter KDMF-51C79-410	83	C51	410	79	01-251-251-1315	10,2
5	Guide adapter KDMF-51C83-410	89	C51	410	83	01-251-251-3404	11,5
6	Guide adapter KDMF-51C96-410	102	C51	410	96	01-251-251-3153	13,5

TOP HAMMER ACCESSORIES AND SERVICES



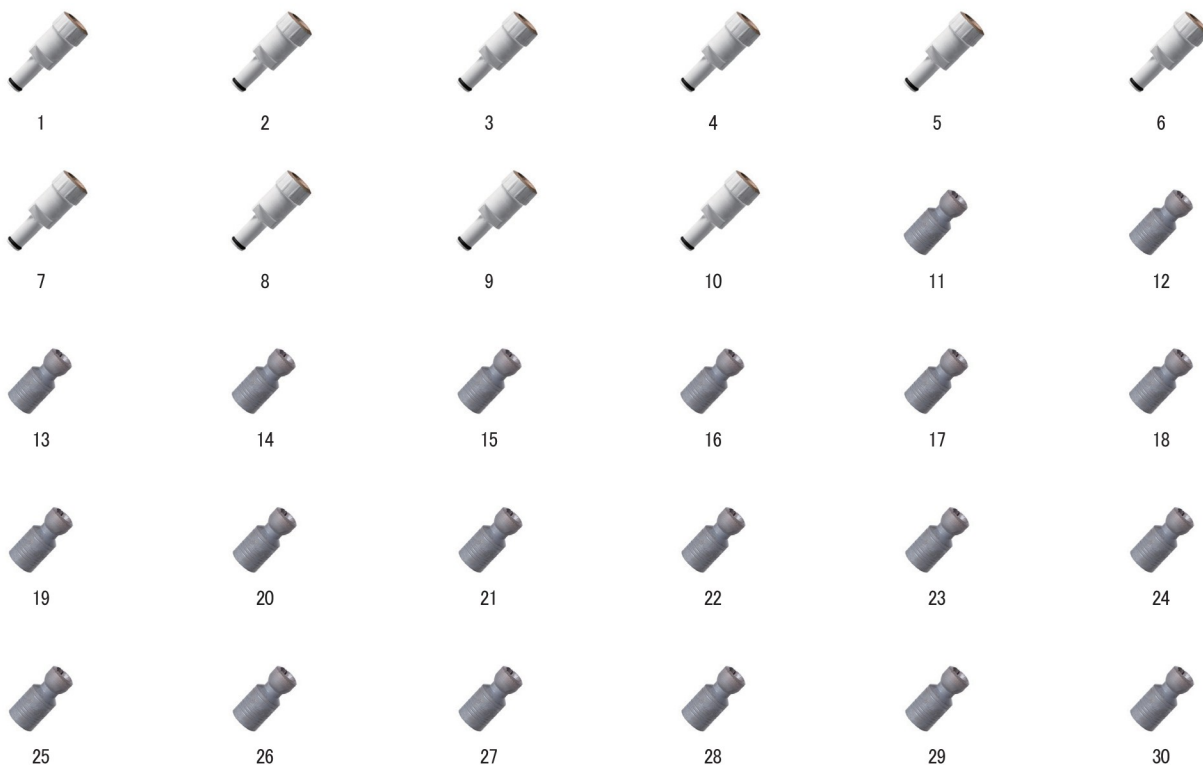
	MODEL	Female thread	Male thread	Length mm	Diameter mm	Product number	Weight kg
1	KD R25 F-R28 M	R25	R28	173	45	06E-07-3405	1,1
2	KD R25 F-R32 M	R25	R32	173	45	06E-07-3406	1,2
3	KD R28 F-R32 M	R28	R32	165	44	06E-07-3407	1,5
4	KD R32 F-R38 M	R32	R38	225	45	06E-07-2869	1,8
5	KD R32 F-C38 M	R32	C38	225	45	06E-07-2870	1,9
6	KD R38 F-R32 M	R38	R32	245	55	06E-07-2871	2,2
7	KD R38 F-C38 M	R38	C38	245	55	06E-07-2872	2,4
8	KD C38 F-R32 M	C38	R32	247	57	06E-07-0499	2,2
9	KD C38 F-R38 M	C38	R38	280	57	06E-07-2873	2,7
10	KD C38 F-C45 M	C38	C45	285	57	06E-07-2311	2,9
11	KD C45 F-C38 M	C45	C38	265	63	06E-07-0838	2,9
12	KD C45 F-C51 M	C45	C51	285	63	06E-07-2874	3,6
13	KD C51 F-C45 M	C51	C45	285	71	06E-07-2875	4

TOP HAMMER ACCESSORIES AND SERVICES



	MODEL	Product number	Weight kg
1	KD Sandrive 7 mm Round	06K-21-3410	0.03
2	KD Sandrive 8 mm Round	06K-21-0750	0.03
3	KD Sandrive 9 mm Round	06K-21-0747	0.04
4	KD Sandrive 10 mm Round	06K-21-0782	0.05
5	KD Sandrive 11 mm Round	06K-21-0779	0.05
6	KD Sandrive 12 mm Round	06K-21-0775	0.06
7	KD Sandrive 13 mm Round	06K-21-0770	0.06
8	KD Sandrive 14 mm Round	06K-21-0766	0.07
9	KD Sandrive 16 mm Round	06K-21-0760	0.08
10	KD Sandrive 18 mm Round	06K-21-0758	0.09
11	KD Sandrive 7 mm Ballistic	06K-21-0716	0.03
12	KD Sandrive 8 mm Ballistic	06K-21-0711	0.03
13	KD Sandrive 9 mm Ballistic	06K-21-0707	0.04
14	KD Sandrive 10 mm Ballistic	06K-21-0740	0.05
15	KD Sandrive 11 mm Ballistic	06K-21-0735	0.05
16	KD Sandrive 12 mm Ballistic	06K-21-0731	0.06
17	KD Sandrive 13 mm Ballistic	06K-21-0729	0.06
18	KD Sandrive 14 mm Ballistic	06K-21-0725	0.07
19	KD Sandrive 16 mm Ballistic	06K-21-0722	0.08
20	KD Sandrive 18 mm Ballistic	06K-21-0720	0.09
21	KD Wingdrive 7 mm Round	06K-21-0899	0.03
22	KD Wingdrive 8 mm Round	06K-21-0751	0.03
23	KD Wingdrive 9 mm Round	06K-21-0755	0.04
24	KD Wingdrive 10 mm Round	06K-21-0783	0.05
25	KD Wingdrive 11 mm Round	06K-21-0780	0.05
26	KD Wingdrive 12 mm Round	06K-21-0776	0.06
27	KD Wingdrive 13 mm Round	06K-21-0771	0.06
28	KD Wingdrive 14 mm Round	06K-21-0767	0.07
29	KD Wingdrive 16 mm Round	06K-21-0761	0.08
30	KD Wingdrive 18 mm Round	06K-21-0756	0.09

TOP HAMMER ACCESSORIES AND SERVICES



	MODEL	Product number	Weight kg
1	KD Wingdrive 7 mm Ballistic	06K-21-0717	0.03
2	KD Wingdrive 8 mm Ballistic	06K-21-0712	0.03
3	KD Wingdrive 9 mm Ballistic	06K-21-0708	0.04
4	KD Wingdrive 10 mm Ballistic	06K-21-0741	0.05
5	KD Wingdrive 11 mm Ballistic	06K-21-0736	0.05
6	KD Wingdrive 12 mm Ballistic	06K-21-0732	0.06
7	KD Wingdrive 13 mm Ballistic	06K-21-0746	0.06
8	KD Wingdrive 14 mm Ballistic	06K-21-0726	0.07
9	KD Wingdrive 16 mm Ballistic	06K-21-0745	0.08
10	KD Wingdrive 18 mm Ballistic	06K-21-3411	0.09
11	KD Hexaconal 7 mm Round	06K-03-0805	0.06
12	KD Hexaconal 8 mm Round	06K-03-0804	0.06
13	KD Hexaconal 9 mm Round	06K-03-0803	0.06
14	KD Hexaconal 10 mm Round	06K-03-0812	0.07
15	KD Hexaconal 11 mm Round	06K-03-0811	0.07
16	KD Hexaconal 12 mm Round	06K-03-0810	0.07
17	KD Hexaconal 13 mm Round	06K-03-0809	0.07
18	KD Hexaconal 14 mm Round	06K-03-0808	0.08
19	KD Hexaconal 16 mm Round	06K-03-0806	0.08
20	KD Hexaconal 18 mm Round	06K-03-3412	0.09
21	KD Hexaconal 7 mm Ballistic	06K-03-0715	0.06
22	KD Hexaconal 8 mm Ballistic	06K-03-0710	0.06
23	KD Hexaconal 9 mm Ballistic	06K-03-2147	0.06
24	KD Hexaconal 10 mm Ballistic	06K-03-0739	0.07
25	KD Hexaconal 11 mm Ballistic	06K-03-0734	0.07
26	KD Hexaconal 12 mm Ballistic	06K-03-2176	0.07
27	KD Hexaconal 13 mm Ballistic	06K-03-0728	0.07
28	KD Hexaconal 14 mm Ballistic	06K-03-0724	0.08
29	KD Hexaconal 16 mm Ballistic	06K-03-0721	0.08
30	KD Hexaconal 18 mm Ballistic	06K-03-3413	0.09

HYPER HAMMERS SPARE PARTS

	MODEL	DTH Hammer	Shank	Backhead	Outside diameter	Outside diameter	Length	Length (in.)	Weight	Piston weight
				adaptor	mm	in	mm	in	kg	kg
1	KD Hyper 31	3"	Mach 33/IR3,5	2% reg Pin	79,2	3,118	832	32,756	22,5	4,9
2	KD Hyper 41	4"	DHD340/COP44	2% reg Pin	95	3,740	942	37,087	35	8
3	KD Hyper 51	5"	DHD 350R/SD5/QL50	3% reg Pin	114,3	4,500	1060	41,732	55	12,2
4	KD Hyper 63	6"	DHD360/SD6	3% reg Pin	143	5,630	1124	44,252	90	21
5	KD Hyper 81	8"	DHD380/COP84/SD8	4% reg Pin	184	7,244	1262	49,685	158	43,9
6	KD Hyper 101	10"	N120	6% reg. pin	225	8,858	1575	62,008	338	68
7	KD Hyper 121	12"	QL120	6% reg. pin	286	11,260	1889	74,370	763	125
8	KD Hyper 125/300	12 1/2/300"	N125	6% reg. pin	305	12,008	1890	74,409	895	125
9	KD Hyper 141	14"	N125	6% reg. pin	320	12,598	1941	76,417	1100	188
10	KD Hyper 181	18"	QL200S	8% reg. pin	406	15,984	2303	90,669	1748	330
11	KD Hyper 241	24"	N240	8% reg. pin	533	20,984	2355	92,717	2510	630
12	KD Hyper 241S	24S"	XL24/32	10" Beco Pin	745	29,331	2540	100	4000	630
13	KD Hyper 331	33"	H331	10" Beco Pin	736,6	29,000	2540	100	5567	1552

D HAMMERS SPARE PARTS

	MODEL	Shank	Backhead	Outside diameter	Outside diameter	Length	Length	Weight
			adapter	mm	in	mm	in	kg
1	KD D 35	IR 35	2 3/8 API Reg Pin	85	3,34	863,5	34	32
2	KD D 45	DHD 340	2 7/8 API Reg Pin	98	3,85	1034	40,7	38
3	KD D 55	QL 5	3 1/2 API Reg Pin	126	4,96	1145	45,07	57
4	KD D 65	QL 6	3 1/2 API Reg Pin	146	5,75	1156,8	45,54	101
5	KD D 75	D 75	4 1/2 API Reg Pin	176,5	6,95	1276	50	215
6	KD D 84	D 380 / QL 80	4 1/2 API Reg Pin	183	7,2	1351	53,18	177
7	KD D 88	QL 80	4 1/2 API Reg Pin	194	7,6	1276	50	215

BR HAMMERS SPARE PARTS

	MODEL	DTH Hammer	Shank	Backhead	Outside diameter	Outside diameter	Length	Length	Weight	Piston weight
				adaptor	mm	mm	mm	in	kg	kg
1	KD BR1	1"	BR1	RD40	51	2,008	709	27,913	8	1
2	KD BR2	2"	BR2	RD50	62	2,441	838	32,992	13	1,8

SHOCK ABSORBERS SPARE PARTS

	MODEL	DTH Hammer	Top connector	Bottom connector	Outside diameter		Length		-
					mm	in.	mm	in.	
1	KD Shock Absorber 2"	2"	2 $\frac{3}{8}$ reg. pin	2 $\frac{3}{8}$ reg. box	62,0	2,441	346	13,622	7,5
2	KD Shock Absorber 3"	3"	2 $\frac{3}{8}$ reg. pin	2 $\frac{3}{8}$ reg. box	79,4	3,126	457	17,992	14,3
3	KD Shock Absorber 4"	4"	2 $\frac{3}{8}$ reg. pin	2 $\frac{3}{8}$ reg. box	95,4	3,756	483	19,016	22,1
4	KD Shock Absorber 5"	5"	3 $\frac{1}{2}$ reg. pin	3 $\frac{1}{2}$ reg. box	115,0	4,528	514	20,236	33,2
5	KD Shock Absorber 6"	6"	3 $\frac{1}{2}$ reg. pin	3 $\frac{1}{2}$ reg. box	140,0	5,512	578	22,756	53,0
6	KD Shock Absorber 8"	8"	4 $\frac{1}{2}$ reg. pin	4 $\frac{1}{2}$ reg. box	178,0	7,008	591	23,268	84,0
7	KD Shock Absorber 10"	10"	6 $\frac{3}{8}$ reg. pin	6 $\frac{3}{8}$ reg. box	216,0	8,504	635	25,000	98,0
8	KD Shock Absorber 12"	12" - 14"	6 $\frac{3}{8}$ reg. pin	6 $\frac{3}{8}$ reg. box	254,0	10,000	724	28,504	229,0
9	KD Shock Absorber 18" In	18" - 24"	8 $\frac{3}{8}$ reg. pin	8 $\frac{3}{8}$ reg. box	406,0	15,984	711	27,992	598,0
10	KD Shock Absorber 18" Out	18" - 24"	8 $\frac{3}{8}$ reg. pin	8 $\frac{3}{8}$ reg. box	495,0	19,488	562	22,126	449,0

DTH BITS

	MODEL	DTH Hammer	Diameter		Weight	Face Type		
			mm	in		Flat	Convex	Concave
1	KDDTH-Bit 90/3"	3"	90					
2	KDDTH-Bit 95/3"	3"	95	3 $\frac{3}{4}$	3,8		x	
3	KDDTH-Bit 100/3"	3"	100	4	4,4		x	
4	KDDTH-Bit 105/4"	4"	105	4 $\frac{1}{8}$	8,4		x	
5	KDDTH-Bit 110/4"	4"	110	4 $\frac{3}{8}$	8,8	x	x	
6	KDDTH-Bit 115/4"	4"	115	4 $\frac{1}{2}$	9	x	x	
7	KDDTH-Bit 127/4"	4"	127	5	9,9	x	x	
8	KDDTH-Bit 127/5"	5"	127	5	15,6	x	x	
9	KDDTH-Bit 140/5"	5"	140	5 $\frac{1}{2}$	17,4	x	x	
10	KDDTH-Bit 152/5"	5"	152	6	18,9	x	x	
11	KDDTH-Bit 152/6"	6"	152	6	25,5	x		x
12	KDDTH-Bit 165/6"	6"	165	6 $\frac{1}{2}$	26,3	x		x
13	KDDTH-Bit 200/8"	8"	200	7 $\frac{7}{8}$	33,8			x
14	KDDTH-Bit 203/6"	6"	203	7	32,6	x		x
15	KDDTH-Bit 203/8"	8"	203	7	34,5			x
16	KDDTH-Bit 216/6"	6"	216	8 $\frac{1}{2}$	34,4	x		x
17	KDDTH-Bit 216/8"	8"	216	8 $\frac{1}{2}$	37,5			x
18	KDDTH-Bit 254/6"	6"	254	10	45,0			x
19	KDDTH-Bit 254/8"	8"	254	10	51,5			x
20	KDDTH-Bit 305/12"	12"	305	12	159			x
21	KDDTH-Bit 311/12"	12"	311	12 $\frac{1}{4}$	166			x
22	KDDTH-Bit 381/12"	12"	381	15	233			x
23	KDDTH-Bit 445/12"	12"	445	17 $\frac{1}{2}$	312			x
24	KDDTH-Bit 445/14"	14"	445	17 $\frac{1}{2}$	396			x
25	KDDTH-Bit 457/14"	14"	457	18	401			x
26	KDDTH-Bit 457/18"	18"	457	18	556			x
27	KDDTH-Bit 508/14"	14"	508	20	484			x
28	KDDTH-Bit 508/18"	18"	508	20	589			x
29	KDDTH-Bit 559/14"	14"	559	22	525			x
30	KDDTH-Bit 559/18"	18"	559	22	635			x
31	KDDTH-Bit 584/18"	18"	584	23	692			
32	KDDTH-Bit 610/18"	18"	610	24	718		x	
33	KDDTH-Bit 610/24"	24"	610	24	985		x	
34	KDDTH-Bit 660/24"	24"	660	26	1058		x	
35	KDDTH-Bit 711/24"	24"	711	28	2475	x	x	
36	KDDTH-Bit 762/24"	24"	762	30	2622	x	x	
37	KDDTH-Bit 813/24"	24"	813	32	3225	x	x	
38	KDDTH-Bit 866/24"	24"	866	34	3410	x	x	

DTH BITS

	MODEL	Shank	Diameter mm	Diameter in	Face Type Flat	Face Type Convex	Face Type Concave	Face Type XHF	Face Type Drop Centre	Face Type HFDC
1	KDDTH-Bit 99/IR3.5	IR3.5	99	3-7/8"	x		x			
2	KDDTH-Bit 105/IR3.5	IR3.5	105	4-1/8"	x		x			
3	KDDTH-Bit 114/QL4 / D340	QL4 / D340	114	4-1/2"	x		x			
4	KDDTH-Bit 120/IR3.5 / QL4	IR3.5 / QL4	120	4-3/4"			x			
5	KDDTH-Bit 127/D340	D340	127	5"	x		x			
6	KDDTH-Bit 133/D340	D340	133	5-1/4"	x					
7	KDDTH-Bit 139/QL5	QL5	139	5-1/2"	x			x	x	
8	KDDTH-Bit 146/QL5	QL5	146	5-3/4"			x			
9	KDDTH-Bit 152/QL5	QL5	152	6"	x		x			x
10	KDDTH-Bit 165/QL6	QL6	165	6-1/2"	x		x	x	x	
11	KDDTH-Bit 171/QL6	QL6	171	6-3/4"			x			
12	KDDTH-Bit 177/QL6	QL6	177	7"			x			
13	KDDTH-Bit 190/QL6	QL6	190	7-1/2"			x			
14	KDDTH-Bit 196/QL6	QL6	196	7-3/4"			x			
15	KDDTH-Bit 203/QL6 / QL8 / D75	QL6/QL8/D75	203	8"			x			
16	KDDTH-Bit 216/QL8	QL8	216	8-1/2"			x	x		x
17	KDDTH-Bit 229/QL6 / QL8 / D75	QL6/QL8/D75	229	9"	x		x	x		x
18	KDDTH-Bit 244/QL8	QL8	244	9-5/8"			x			
19	KDDTH-Bit 251/QL8	QL8	251	9-7/8"						x
20	KDDTH-Bit 254/QL8	QL8	254	10"						x
21	KDDTH-Bit 270/QL8	QL8	270	10-5/8"						x
22	KDDTH-Bit 305/QL8	QL8	305	12"			x			

DTH DRILL PIPES

	MODEL	Diameter	Diameter	Wall	Wall	Tool joint	Length	Length	Weight
		D	D	thickness T	thickness T		L	L	
		mm	in	mm	in		mm	in	kg
1	KD Drill pipe 76 / L1000	76	2,992	8,8	0,346	2 3/8" reg.	1000	39,370	18
2	KD Drill pipe 76 / L1500	76	2,992	8,8	0,346	2 3/8" reg.	1500	59,055	26
3	KD Drill pipe 76 / L2000	76	2,992	8,8	0,346	2 3/8" reg.	2000	78,740	33
4	KD Drill pipe 76 / L3000	76	2,992	8,8	0,346	2 3/8" reg.	3000	118,110	47
5	KD Drill pipe 76 / L6000	76	2,992	8,8	0,346	2 3/8" reg.	6000	236,220	91
6	KD Drill pipe 89 / L1000	89	3,504	8,8	0,346	2 3/8" reg.	1000	39,370	23
7	KD Drill pipe 89 / L1500	89	3,504	8,8	0,346	2 3/8" reg.	1500	59,055	31
8	KD Drill pipe 89 / L2000	89	3,504	8,8	0,346	2 3/8" reg.	2000	78,740	40
9	KD Drill pipe 89 / L3000	89	3,504	8,8	0,346	2 3/8" reg.	3000	118,110	61
10	KD Drill pipe 89 / L6000	89	3,504	8,8	0,346	2 3/8" reg.	6000	236,220	110
11	KD Drill pipe 102 / L1000	102	4,016	6,3	0,248	2 7/8" reg.	1000	39,370	25
12	KD Drill pipe 102 / L1500	102	4,016	6,3	0,248	2 7/8" reg.	1500	59,055	33
13	KD Drill pipe 102 / L2000	102	4,016	6,3	0,248	2 7/8" reg.	2000	78,740	40
14	KD Drill pipe 102 / L3000	102	4,016	6,3	0,248	2 7/8" reg.	3000	118,110	55
15	KD Drill pipe 102 / L6000	102	4,016	6,3	0,248	2 7/8" reg.	6000	236,220	100
16	KD Drill pipe 114 / L1000	114	4,488	6,3	0,248	3 1/2" reg.	1000	39,370	29
17	KD Drill pipe 114 / L1500	114	4,488	6,3	0,248	3 1/2" reg.	1500	59,055	38
18	KD Drill pipe 114 / L2000	114	4,488	6,3	0,248	3 1/2" reg.	2000	78,740	46
19	KD Drill pipe 114 / L3000	114	4,488	6,3	0,248	3 1/2" reg.	3000	118,110	63
20	KD Drill pipe 114 / L6000	114	4,488	6,3	0,248	3 1/2" reg.	6000	236,220	114
21	KD Drill pipe 139 / L1000	139	5,472	8,8	0,346	3 1/2" reg.	1000	39,370	45
22	KD Drill pipe 139 / L1500	139	5,472	8,8	0,346	3 1/2" reg.	1500	59,055	59
23	KD Drill pipe 139 / L2000	139	5,472	8,8	0,346	3 1/2" reg.	2000	78,740	76
24	KD Drill pipe 139 / L3000	139	5,472	8,8	0,346	3 1/2" reg.	3000	118,110	104
25	KD Drill pipe 139 / L6000	139	5,472	8,8	0,346	3 1/2" reg.	6000	236,220	187
26	KD Drill pipe 139 / L12000	139	5,472	8,8	0,346	3 1/2" reg.	12000	472,441	370
27	KD Drill pipe 168 / L1000	168	6,614	12,5	0,492	4 1/2" reg.	1000	39,370	120
28	KD Drill pipe 168 / L1500	168	6,614	12,5	0,492	4 1/2" reg.	1500	59,055	145
29	KD Drill pipe 168 / L2000	168	6,614	12,5	0,492	4 1/2" reg.	2000	78,740	170
30	KD Drill pipe 168 / L3000	168	6,614	12,5	0,492	4 1/2" reg.	3000	118,110	228
31	KD Drill pipe 168 / L6000	168	6,614	12,5	0,492	4 1/2" reg.	6000	236,220	396
32	KD Drill pipe 168 / L12000	168	6,614	12,5	0,492	4 1/2" reg.	12000	472,441	605
33	KD Drill pipe 193 / L1000	193	7,598	12,5	0,492	4 1/2" reg.	1000	39,370	126
34	KD Drill pipe 193 / L1500	193	7,598	12,5	0,492	4 1/2" reg.	1500	59,055	154
35	KD Drill pipe 193 / L2000	193	7,598	12,5	0,492	4 1/2" reg.	2000	78,740	181
36	KD Drill pipe 193 / L3000	193	7,598	12,5	0,492	4 1/2" reg.	3000	118,110	236
37	KD Drill pipe 193 / L6000	193	7,598	12,5	0,492	4 1/2" reg.	6000	236,220	410
38	KD Drill pipe 193 / L12000	193	7,598	12,5	0,492	4 1/2" reg.	12000	472,441	745
39	KD Drill pipe 219 / L1000	219	8,622	12,5	0,492	4 1/2" reg.	1000	39,370	159
40	KD Drill pipe 219 / L1500	219	8,622	12,5	0,492	4 1/2" reg.	1500	59,055	191
41	KD Drill pipe 219 / L2000	219	8,622	12,5	0,492	4 1/2" reg.	2000	78,740	222
42	KD Drill pipe 219 / L3000	219	8,622	12,5	0,492	4 1/2" reg.	3000	118,110	285
43	KD Drill pipe 219 / L6000	219	8,622	12,5	0,492	4 1/2" reg.	6000	236,220	475
44	KD Drill pipe 219 / L12000	219	8,622	12,5	0,492	4 1/2" reg.	12000	472,441	857
45	KD Drill pipe 254 / L1000	254	10,000	12,5	0,492	HEX150	1000	39,370	204
46	KD Drill pipe 254 / L1500	254	10,000	12,5	0,492	HEX150	1500	59,055	241
47	KD Drill pipe 254 / L2000	254	10,000	12,5	0,492	HEX150	2000	78,740	279
48	KD Drill pipe 254 / L3000	254	10,000	12,5	0,492	HEX150	3000	118,110	354
49	KD Drill pipe 254 / L6000	254	10,000	12,5	0,492	HEX150	6000	236,220	577
50	KD Drill pipe 254 / L12000	254	10,000	12,5	0,492	HEX150	12000	472,441	1024
51	KD Drill pipe 273 / L1000	273	10,748	16	0,630	HEX150	1000	39,370	282
52	KD Drill pipe 273 / L1500	273	10,748	16	0,630	HEX150	1500	59,055	333
53	KD Drill pipe 273 / L2000	273	10,748	16	0,630	HEX150	2000	78,740	383
54	KD Drill pipe 273 / L3000	273	10,748	16	0,630	HEX150	3000	118,110	484
55	KD Drill pipe 273 / L6000	273	10,748	16	0,630	HEX150	6000	236,220	788
56	KD Drill pipe 273 / L12000	273	10,748	16	0,630	HEX150	12000	472,441	1396
57	KD Drill pipe 323 / L1000	323	12,717	16	0,630	HEX190	1000	39,370	360
58	KD Drill pipe 323 / L1500	323	12,717	16	0,630	HEX190	1500	59,055	421
59	KD Drill pipe 323 / L2000	323	12,717	16	0,630	HEX190	2000	78,740	482
60	KD Drill pipe 323 / L3000	323	12,717	16	0,630	HEX190	3000	118,110	603

DTH DRILL PIPES

	MODEL	Diameter D mm	Diameter D in	Wall thickness T mm	Wall thickness T in	Tool joint	Length L mm	Length L in	Weight kg
61	KD Drill pipe 323 / L6000	323	12,717	16	0,630	HEX190	6000	236,220	966
62	KD Drill pipe 323 / L12000	323	12,717	16	0,630	HEX190	12000	472,441	1693

DTH DRILL PIPES

	MODEL	Diameter D mm	Diameter D in	Wall thickness T mm	Wall thickness T in	Diameter 2 D2 mm	Diameter 2 D2 in	Wall thickness 2 T2 mm	Wall thickness 2 T2 in	Tool joint	Length L mm	Length L in	Weight kg
1	KD Drill pipe 406 / L1000	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	1000	39,370	414
2	KD Drill pipe 406 / L1500	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	1500	59,055	525
3	KD Drill pipe 406 / L2000	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	2000	78,740	637
4	KD Drill pipe 406 / L3000	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	3000	118,110	859
5	KD Drill pipe 406 / L6000	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	6000	236,220	1545
6	KD Drill pipe 406 / L12000	406	15,984	12,5	0,492	273	10,748	16	0,630	HEX190	12000	472,441	2898
7	KD Drill pipe 457 / L1000	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	1000	39,370	440
8	KD Drill pipe 457 / L1500	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	1500	59,055	559
9	KD Drill pipe 457 / L2000	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	2000	78,740	678
10	KD Drill pipe 457 / L3000	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	3000	118,110	917
11	KD Drill pipe 457 / L6000	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	6000	236,220	1660
12	KD Drill pipe 457 / L12000	457	17,992	12,5	0,492	273	10,748	16	0,630	HEX190	12000	472,441	3118
13	KD Drill pipe 508 / L1000	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	1000	39,370	467
14	KD Drill pipe 508 / L1500	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	1500	59,055	594
15	KD Drill pipe 508 / L2000	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	2000	78,740	721
16	KD Drill pipe 508 / L3000	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	3000	118,110	975
17	KD Drill pipe 508 / L6000	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	6000	236,220	1777
18	KD Drill pipe 508 / L12000	508	20,000	12,5	0,492	273	10,748	16	0,630	HEX190	12000	472,441	3341
19	KD Drill pipe 559 / L1000	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	1000	39,370	611
20	KD Drill pipe 559 / L1500	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	1500	59,055	756
21	KD Drill pipe 559 / L2000	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	2000	78,740	901
22	KD Drill pipe 559 / L3000	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	3000	118,110	1191
23	KD Drill pipe 559 / L6000	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	6000	236,220	2105
24	KD Drill pipe 559 / L12000	559	22,008	12,5	0,492	323,9	12,752	16	0,630	HEX190	12000	472,441	3890
25	KD Drill pipe 610 / L1000	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	1000	39,370	641
26	KD Drill pipe 610 / L1500	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	1500	59,055	794
27	KD Drill pipe 610 / L2000	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	2000	78,740	947
28	KD Drill pipe 610 / L3000	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	3000	118,110	1252
29	KD Drill pipe 610 / L6000	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	6000	236,220	2228
30	KD Drill pipe 610 / L12000	610	24,016	12,5	0,492	323,9	12,752	16	0,630	HEX190	12000	472,441	4120
31	KD Drill pipe 711 / L1000	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	1000	39,370	704
32	KD Drill pipe 711 / L1500	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	1500	59,055	872
33	KD Drill pipe 711 / L2000	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	2000	78,740	1040
34	KD Drill pipe 711 / L3000	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	3000	118,110	1377
35	KD Drill pipe 711 / L6000	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	6000	236,220	2478
36	KD Drill pipe 711 / L12000	711	27,992	12,5	0,492	323,9	12,752	16	0,630	HEX190	12000	472,441	4589
37	KD Drill pipe 762 / L1000	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	1000	39,370	737
38	KD Drill pipe 762 / L1500	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	1500	59,055	913
39	KD Drill pipe 762 / L2000	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	2000	78,740	1090
40	KD Drill pipe 762 / L3000	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	3000	118,110	1442
41	KD Drill pipe 762 / L6000	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	6000	236,220	2608
42	KD Drill pipe 762 / L12000	762	30,000	12,5	0,492	323,9	12,752	16	0,630	HEX190	12000	472,441	4831
43	KD Drill pipe 813 / L1000	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	1000	39,370	772
44	KD Drill pipe 813 / L1500	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	1500	59,055	956
45	KD Drill pipe 813 / L2000	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	2000	78,740	1140
46	KD Drill pipe 813 / L3000	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	3000	118,110	1508

DTH DRILL PIPES

	MODEL	Diameter D mm	Diameter D in	Wall thickness T mm	Wall thickness T in	Diameter 2 D2 mm	Diameter 2 D2 in	Wall thickness 2 T2 mm	Wall thickness 2 T2 in	Tool joint	Length L mm	Length L in	Weight kg
1	KD Drill pipe 813 / L6000	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	6000	236,220	2740
2	KD Drill pipe 813 / L12000	813	32,008	12,5	0,492	323,9	12,752	16	0,630	HEX210	12000	472,441	5077
3	KD Drill pipe 914 / L1000	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	1000	39,370	845
4	KD Drill pipe 914 / L1500	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	1500	59,055	1044
5	KD Drill pipe 914 / L2000	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	2000	78,740	1244
6	KD Drill pipe 914 / L3000	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	3000	118,110	1643
7	KD Drill pipe 914 / L6000	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	6000	236,220	3011
8	KD Drill pipe 914 / L12000	914	35,984	12,5	0,492	323,9	12,752	16	0,630	HEX210	12000	472,441	5576
9	KD Drill pipe 1016 / L1000	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	1000	39,370	923
10	KD Drill pipe 1016 / L1500	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	1500	59,055	1139
11	KD Drill pipe 1016 / L2000	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	2000	78,740	1354
12	KD Drill pipe 1016 / L3000	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	3000	118,110	1785
13	KD Drill pipe 1016 / L6000	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	6000	236,220	3294
14	KD Drill pipe 1016 / L12000	1016	40,000	12,5	0,492	1016	40,000	16	0,630	HEX210	12000	472,441	6095
15	KD Drill pipe 1220 / L1000	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	1000	39,370	1094
16	KD Drill pipe 1220 / L1500	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	1500	59,055	1343
17	KD Drill pipe 1220 / L2000	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	2000	78,740	1590
18	KD Drill pipe 1220 / L3000	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	3000	118,110	2083
19	KD Drill pipe 1220 / L6000	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	6000	236,220	3891
20	KD Drill pipe 1220 / L12000	1220	48,031	12,5	0,492	1220	48,031	16	0,630	HEX210	12000	472,441	7179

DTH ROX



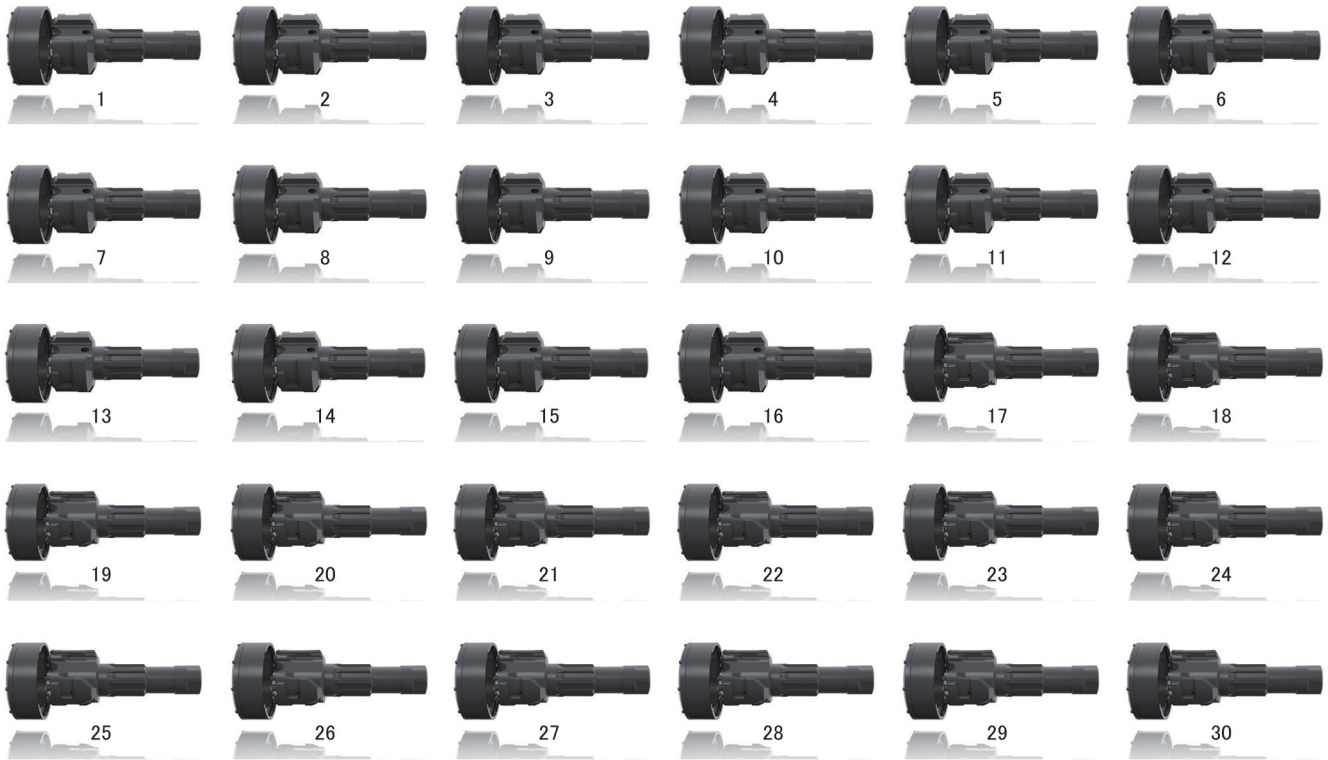
MODEL	Casing OD mm	Casing OD in	Casing Max Wall mm	Casing Max Wall in	Ring bit ID mm	Ring bit ID in	Ring bit OD mm	Ring bit OD in	Pilot bit OD mm	Pilot bit OD in	Hammer	Product number
1 KDDTH-RoX+ 114,3/5	114,3	4 1/2	5	0.197	91	3.583	128	5.039	102	4.016	3 1/2"	03-531-114-0148
2 KDDTH-RoX++ 139,7/5,6	139,7	5 1/2	5,6	0.22	116	4.567	154	6.063	127,5	5.02	4"	03-541-139-0159
3 KDDTH-RoX+ 168,3/6	168,3	6 5/8	6	0.236	142	5.591	184	7.244	155	6.102	5"	03-551-168-2396
4 KDDTH-RoX+ 177,8/6,9	177,8	7	6,9	0.272	153,5	6.043	195	7.677	162	6.378	6"	03-562-177-0227
5 KDDTH-RoX++ 193,7/6	193,7	7 5/8	6	0.236	167	6.575	212	8.346	180	7.087	6"	03-562-193-2763
6 KDDTH-RoX+ 219,1/6	219,1	8 5/8	6	0.236	186	7.323	234	9.213	205	8.071	6"	03-562-219-0238
7 KDDTH-RoX+ 273/8	273	10 3/4	8	0.315	232	9.134	292	11.496	255	10.039	8"	03-581-273-0252
8 KDDTH-RoX+ 323,9/8	323,9	12 3/4	8	0.315	281	11.063	343	13.504	306	12.047	8"	03-581-323-0259
9 KDDTH-RoX+ 114,3/5	114,3	4 1/2	5	0.197	91	3.583	128	5.039	102	4.016	3 1/2"	03-011-114-0061
10 KDDTH-RoX++ 139,7/5,6	139,7	5 1/2	5,6	0.22	116	4.567	154	6.063	127,5	5.02	4"	03-011-139-0070
11 KDDTH-RoX++ 168,3/6	168,3	6 5/8	6	0.236	142	5.591	184	7.244	155	6.102	5"	03-011-168-2399
12 KDDTH-RoX+ 177,8/6,9	177,8	7	6,9	0.272	153,5	6.043	195	7.677	162	6.378	6"	03-011-177-0093
13 KDDTH-RoX++ 193,7/6	193,7	7 5/8	6	0.236	167	6.575	212	8.346	180	7.087	6"	03-011-193-2766
14 KDDTH-RoX+ 219,1/6	219,1	8 5/8	6	0.236	186	7.323	234	9.213	205	8.071	6"	03-011-219-0103
15 KDDTH-RoX+ 273/8	273	10 3/4	8	0.315	232	9.134	292	11.496	255	10.039	8"	03-011-273-0113
16 KDDTH-RoX+ 323,9/8	323,9	12 3/4	8	0.315	281	11.063	343	13.504	306	12.047	8"	03-011-323-0119
17 KDDTH-RoX++ HD 139,7/5,6	139,7	5 1/2	5,6	0.22	116	4.567	156	6.142			4"	03-011-139-3629
18 KDDTH-RoX++ HD 168,3/6	168,3	6 5/8	6	0.236	142	5.591	186	7.323			5"	03-011-168-3618
19 KDDTH-RoX++ HD 193,7/6	193,7	7 5/8	6	0.236	167	6.575	214	8.425			6"	03-011-193-4202
20 KDDTH-RoX+ 114,3/10	114,3	4 1/2	10	0.394	78	3.071	124	4.882	92,5	3.642	3"	03-531-114-0151
21 KDDTH-RoX+ 139,7/10	139,7	5 1/2	10	0.394	94	3.701	150	5.906	117,5	4.626	4"	03-541-139-0164
22 KDDTH-RoX+ 168,3/12,7	168,3	6 5/8	12,7	0.5	121	4.764	178	7.008	140	5.512	5"	03-551-168-0196
23 KDDTH-RoX+ 193,7/12,7	193,7	7 5/8	12,7	0.5	148	5.827	203	7.992	167	6.575	6"	03-562-193-0233
24 KDDTH-RoX+ 219,1/12,7	219,1	8 5/8	12,7	0.5	167	6.575	234	9.213	191	7.52	6"	03-562-219-0242
25 KDDTH-RoX+ 244,5/12,7	244,5	9 5/8	12,7	0.5	194	7.638	260	10.236	216	8.504	6"	03-561-244-2769
26 KDDTH-RoX+ 273/12,7	273	10 3/4	12,7	0.5	219	8.622	292	11.496	246	9.685	8"	03-581-273-0255
27 KDDTH-RoX+ 323,9/12,7	323,9	12 3/4	12,7	0.5	270	10.63	342	13.465	297	11.693	8-10"	03-581-323-0260
28 KDDTH-RoX+ 355,6/12,7	355,6	14	12,7	0.5	282	11.102	367	14.449	323	12.717	8-12"	03-581-355-0263
29 KDDTH-RoX+ 114,3/10	114,3	4 1/2	10	0.394	78	3.071	124	4.882	92,5	3.642	3"	03-011-114-0063
30 KDDTH-RoX+ 139,7/10	139,7	5 1/2	10	0.394	94	3.701	150	5.906	117,5	4.626	4"	03-011-139-0073

DTH ROX



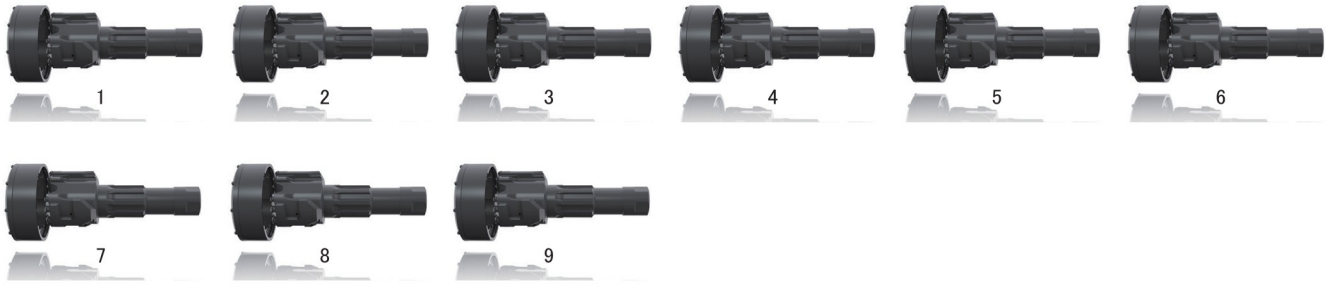
	MODEL	Casing OD mm	Casing OD in	Casing Max Wall mm	Casing Max Wall in	Ring bit ID mm	Ring bit ID in	Ring bit OD mm	Ring bit OD in	Pilot bit OD mm	Pilot bit OD in	Hammer	Product number
1	KDDTH-RoX+ 168,3/12,7	168,3	6 5/8	12,7	0,5	121	4.764	178	7.008	140	5.512	5' "	03-011-168-0088
2	KDDTH-RoX+ 193,7/12,7	193,7	7 5/8	12,7	0,5	148	5.827	203	7.992	167	6.575	6' "	03-011-193-0099
3	KDDTH-RoX+ 219,1/12,7	219,1	8 5/8	12,7	0,5	167	6.575	234	9.213	191	7.52	6' "	03-011-219-0107
4	KDDTH-RoX+ 244,5/12,7	244,5	9 5/8	12,7	0,5	194	7.638	260	10.236	216	8.504	6' "	03-011-244-2774
5	KDDTH-RoX+ 273/12,7	273	10 3/4	12,7	0,5	219	8.622	292	11.496	246	9.685	8' "	03-011-273-0114
6	KDDTH-RoX+ 323,9/12,7	323,9	12 3/4	12,7	0,5	270	10.63	342	13.465	297	11.693	8-10' "	03-011-323-0120
7	KDDTH-RoX+ 355,6/12,7	355,6	14	12,7	0,5	282	11.102	367	14.449	323	12.717	8 - 12"	03-010-355-0057
8	KDDTH-RoX+ 406,4/12,7	406,4	16	12,7	0,5	328	12.913	419	16.496	374	14.724	10-12"	03-581-406-0264
9	KDDTH-RoX+ 508,0/15	508	20	15	0,591	414	16.299	521	20.512	472	18.583	12-15"	03-523-508-0146
10	KDDTH-RoX+ 609,6/16	609,6	24	16	0,63	513	20.197	622	24.488	570	22.441	18"	03-522-610-0144
11	KDDTH-RoX+ 711/16	711	28	16	0,63	640	25.197	740	29.134	672	26.457	20-24"	03-522-711-3995
12	KDDTH-RoX+ 813/16	813	32	16	0,63	715	28.15	825	32.48	775	30.512	20-24"	03-526-813-4231
13	KDDTH-RoX+ 914/20	914	36	20	0,787	805	31.693	928	36.535	863	33.976	20-24"	03-525-914-5142
14	KDDTH-RoX+ 406,4/12,7	406,4	16	12,7	0,5	328	12.913	419	16.496	374	14.724	10-12"	03-010-406-0058
15	KDDTH-RoX+ 508,0/15	508	20	15	0,591	414	16.299	521	20.512	472	18.583	12-15"	03-011-508-0122
16	KDDTH-RoX+ 609,6/16	609,6	24	16	0,63	513	20.197	622	24.488	570	22.441	18"	03-010-610-0060
17	KDDTH-RoX+ 711/16	711	28	16	0,63	640	25.197	740	29.134	672	26.457	20-24"	03-011-711-2704
18	KDDTH-RoX+ 813/16	813	32	16	0,63	715	28.15	825	32.48	775	30.512	20-24"	03-010-813-4232
19	KDDTH-RoX+ 914/20	914	36	20	0,787	805	31.693	928	36.535	863	33.976	20-24"	03-010-914-5144

DTH PRIME



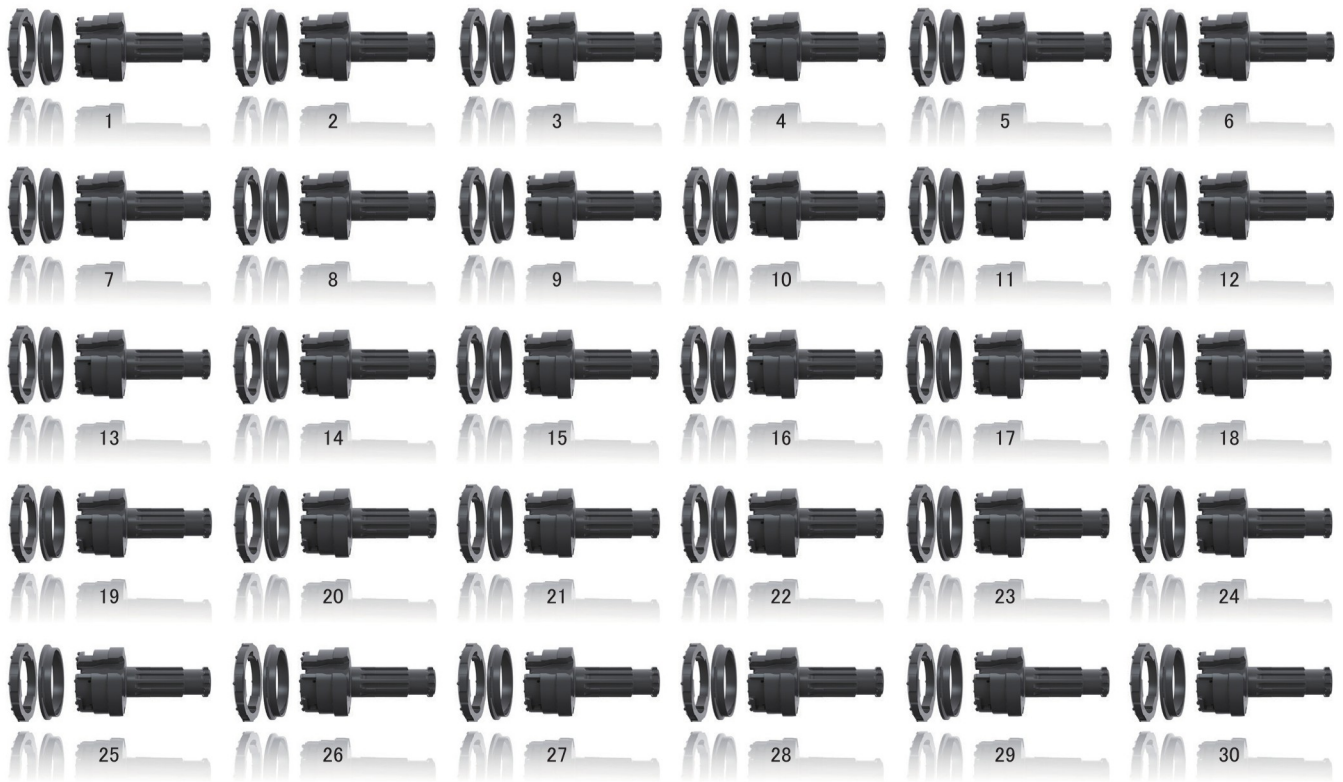
	MODEL	Casing	Casing	Casing Max	Casing Max	Ring bit	Ring bit	Ring bit	Ring bit	Pilot bit	Pilot bit	Hammer	Product number
		OD	OD	Wall	Wall	ID	ID	OD	OD	OD	OD		
		mm	in	mm	in	mm	in	mm	in	mm	in		
1	KDDTH Prime 114,3/10	114,3	4½	10	0.394	80	3.15	135	5.315	91,5	3.602	3"	
2	KDDTH Prime 139,7/10	139,7	5½	10	0.394	100	3.937	161	6.339	116	4.567	4"	
3	KDDTH Prime 168,3/12,7	168,3	6%	12,7	0,5	126	4.961	191	7.52	140	5.512	5"	
4	KDDTH Prime 219,1/12,7	219,1	8%	12,7	0,5	172	6.772	241	9.488	190	7.48	6"	
5	KDDTH Prime 273/12,7	273	10%	12,7	0,5	222	8.74	304	11.969	245	9.646	8"	
6	KDDTH Prime XL2 273/12,7	273	10%	12,7	0,5	222	8.74	327	12.874	245	9.646	8"	
7	KDDTH Prime 323,9/12,7	323,9	12%	12,7	0,5	272	10.709	350	13.78	295	11.614	8-10"	
8	KDDTH Prime XL2 323,9/12,7	323,9	12%	12,7	0,5	272	10.709	377	14.843	295	11.614	8-10"	
9	KDDTH Prime 114,3/10	114,3	4½	10	0.394	80	3.15	135	5.315	91,5	3.602	3"	
10	KDDTH Prime 139,7/10	139,7	5½	10	0.394	100	3.937	161	6.339	116	4.567	4"	
11	KDDTH Prime 168,3/12,7	168,3	6%	12,7	0,5	126	4.961	191	7.52	140	5.512	5"	
12	KDDTH Prime 219,1/12,7	219,1	8%	12,7	0,5	172	6.772	241	9.488	190	7.48	6"	
13	KDDTH Prime 273/12,7	273	10%	12,7	0,5	222	8.74	304	11.969	245	9.646	8"	
14	KDDTH Prime XL2 273/12,7	273	10%	12,7	0,5	222	8.74	327	12.874	245	9.646	8"	
15	KDDTH Prime 323,9/12,7	323,9	12%	12,7	0,5	272	10.709	350	13.78	295	11.614	8-10"	
16	KDDTH Prime XL2 323,9/12,7	323,9	12%	12,7	0,5	272	10.709	377	14.843	295	11.614	8-10"	
17	KDDTH Prime DT 114,3/10	114,3	4½	10	0.394	80	3.15	135	5.315	90,6	3.567	3"	
18	KDDTH Prime DT 139,7/10	139,7	5½	10	0.394	100	3.937	161	6.339	114	4.488	4"	
19	KDDTH Prime DT 152,4/12,7	152,4	6	12,7	0,5	106	4.173	175	6.89	124	4.882	4"	
20	KDDTH Prime DT 168,3/12,7	168,3	6%	12,7	0,5	126	4.961	191	7.52	138	5.433	5"	
21	KDDTH Prime DT 193,7/12,7	193,7	7%	12,7	0,5	148	5.827	216	8.504	164	6.457	6"	
22	KDDTH Prime DT 219,1/12,7	219,1	8%	12,7	0,5	172	6.772	241	9.488	188	7.402	6"	
23	KDDTH Prime DT 244,5/12,7	244,5	9%	12,7	0,5	194	7.638	268	10.551	214	8.425	6"	
24	KDDTH Prime DT 273/12,7	273	10%	12,7	0,5	222	8.74	304	11.969	243	9.567	8"	
25	KDDTH Prime DT 323,9/12,7	323,9	12%	12,7	0,5	272	10.709	350	13.78	294	11.575	8-10"	
26	KDDTH Prime DT 339,7/12,7	339,7	13%	12,7	0,5	286	11.26	364	14.331	308	12.126	8-10"	
27	KDDTH Prime DT 139,7/10	139,7	5½	10	0.394	100	3.937	161	6.339	114	4.488	4"	
28	KDDTH Prime DT 152,4/12,7	152,4	6	12,7	0,5	106	4.173	175	6.89	124	4.882	4"	
29	KDDTH Prime DT 168,3/12,7	168,3	6%	12,7	0,5	126	4.961	191	7.52	138	5.433	5"	
30	KDDTH Prime DT 193,7/12,7	193,7	7%	12,7	0,5	148	5.827	216	8.504	164	6.457	6"	

DTH PRIME



	MODEL	Casing OD mm	Casing OD in	Casing Max Wall mm	Casing Max Wall in	Ring bit ID mm	Ring bit ID in	Ring bit OD mm	Ring bit OD in	Pilot bit OD mm	Pilot bit OD in	Hammer	Product number
1	KDDTH Prime DT 219,1/12,7	219,1	8 5/8	12,7	0,5	172	6.772	241	9.488	188	7.402	6"	
2	KDDTH Prime DT 244,5/12,7	244,5	9 5/8	12,7	0,5	194	7.638	268	10.551	214	8.425	6"	
3	KDDTH Prime DT 273/12,7	273	10 3/4	12,7	0,5	222	8.74	304	11.969	243	9.567	8"	
4	KDDTH Prime DT 323,9/12,7	323,9	12 3/4	12,7	0,5	272	10.709	350	13.78	294	11.575	8-10"	
5	KDDTH Prime DT 339,7/12,7	339,7	13 3/8	12,7	0,5	286	11.26	364	14.331	308	12.126	8-10"	
6	KDDTH Prime DT 406,4/12,7	406,4	16	12,7	0,5	354	13.937	440	17.323	374	14.724	10-12"	
7	KDDTH Prime DT 609,6/16	609,6	24	16	0,63	540	21.26	646	25.433	568	22.362	18"	
8	KDDTH Prime DT 406,4/12,7	406,4	16	12,7	0,5	354	13.937	440	17.323	374	14.724	10-12"	
9	KDDTH Prime DT 609,6/16	609,6	24	16	0,63	540	21.26	646	25.433	568	22.362	18"	

DTH SR



	MODEL	Casing OD mm	Casing OD in	Casing Max Wall mm	Casing Max Wall in	Ring bit ID mm	Ring bit ID in	Ring bit OD mm	Ring bit OD in	Pilot bit OD mm	Pilot bit OD in	Hammer	Product number
1	KDDTH-RoX SR 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	233	9.173	190,7	7.508	6"	03-562-219-3873
2	KDDTH-RoX SR 273/12,7	273	10 3/4	12,7	0,5	180	7.087	287	11.299	244,6	9.63	8"	03-581-273-4215
3	KDDTH-RoX SR 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	338	13.307	294,5	11.594	8-10"	03-581-323-4220
4	KDDTH-RoX SR XL 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	273	10.748	190,7	7.508	6"	03-562-219-3873
5	KDDTH-RoX SR XL 273/12,7	273	10 3/4	12,7	0,5	180	7.087	327	12.874	244,6	9.63	8"	03-581-273-4215
6	KDDTH-RoX SR XL 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	378	14.882	294,5	11.594	8-10"	03-581-323-4220
7	KDDTH-RoX SR 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	233	9.173	190,7	7.508	6"	03-010-219-3876
8	KDDTH-RoX SR 273/12,7	273	10 3/4	12,7	0,5	180	7.087	287	11.299	244,6	9.63	8"	03-010-273-4217
9	KDDTH-RoX SR 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	338	13.307	294,5	11.594	8-10"	03-010-323-4171
10	KDDTH-RoX SR XL 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	273	10.748	190,7	7.508	6"	03-010-219-3875
11	KDDTH-RoX SR XL 273/12,7	273	10 3/4	12,7	0,5	180	7.087	327	12.874	244,6	9.63	8"	03-010-273-4240
12	KDDTH-RoX SR XL 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	378	14.882	294,5	11.594	8-10"	03-010-323-4172
13	KDDTH-RoX SR 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	233	9.173	190,7	7.508	6"	03-000-219-3877
14	KDDTH-RoX SR 273/12,7	273	10 3/4	12,7	0,5	180	7.087	287	11.299	244,6	9.63	8"	03-000-273-4157
15	KDDTH-RoX SR 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	338	13.307	294,5	11.594	8-10"	03-000-323-4026
16	KDDTH-RoX SR XL 219,1/12,7	219,1	8 5/8	12,7	0,5	127	5	273	10.748	190,7	7.508	6"	03-000-219-3877
17	KDDTH-RoX SR XL 273/12,7	273	10 3/4	12,7	0,5	180	7.087	327	12.874	244,6	9.63	8"	03-000-273-4157
18	KDDTH-RoX SR XL 323,9/12,7	323,9	12 1/4	12,7	0,5	230	9.055	378	14.882	294,5	11.594	8-10"	03-000-323-4026
19	KDDTH-RoX SR 406,4/12,7	406,4	16	12,7	0,5	311	12.244	420	16.535	376	14.803	10-12"	03-521-406-4247
20	KDDTH-RoX SR 609,6/16	609,6	24	16	0,63	504	19.843	625	24.606	571	22.48	18"	03-522-610-4256
21	KDDTH-RoX SR XL 406,4/12,7	406,4	16	12,7	0,5	311	12.244	460	18.11	376	14.803	10-12"	03-521-406-4247
22	KDDTH-RoX SR XL 609,6/16	609,6	24	16	0,63	504	19.843	664	26.142	571	22.48	18"	03-522-610-4256
23	KDDTH-RoX SR 406,4/12,7	406,4	16	12,7	0,5	311	12.244	420	16.535	376	14.803	10-12"	03-010-406-4242
24	KDDTH-RoX SR 609,6/16	609,6	24	16	0,63	504	19.843	625	24.606	571	22.48	18"	03-010-610-4257
25	KDDTH-RoX SR XL 406,4/12,7	406,4	16	12,7	0,5	311	12.244	460	18.11	376	14.803	10-12"	03-010-406-4243
26	KDDTH-RoX SR XL 609,6/16	609,6	24	16	0,63	504	19.843	664	26.142	571	22.48	18"	03-010-610-4258
27	KDDTH-RoX SR 406,4/12,7	406,4	16	12,7	0,5	311	12.244	420	16.535	376	14.803	10-12"	03-000-406-4246
28	KDDTH-RoX SR 609,6/16	609,6	24	16	0,63	504	19.843	625	24.606	571	22.48	18"	03-000-610-4259
29	KDDTH-RoX SR XL 406,4/12,7	406,4	16	12,7	0,5	311	12.244	460	18.11	376	14.803	10-12"	03-000-406-4246
30	KDDTH-RoX SR XL 609,6/16	609,6	24	16	0,63	504	19.843	664	26.142	571	22.48	18"	03-000-610-4259

DTH SF



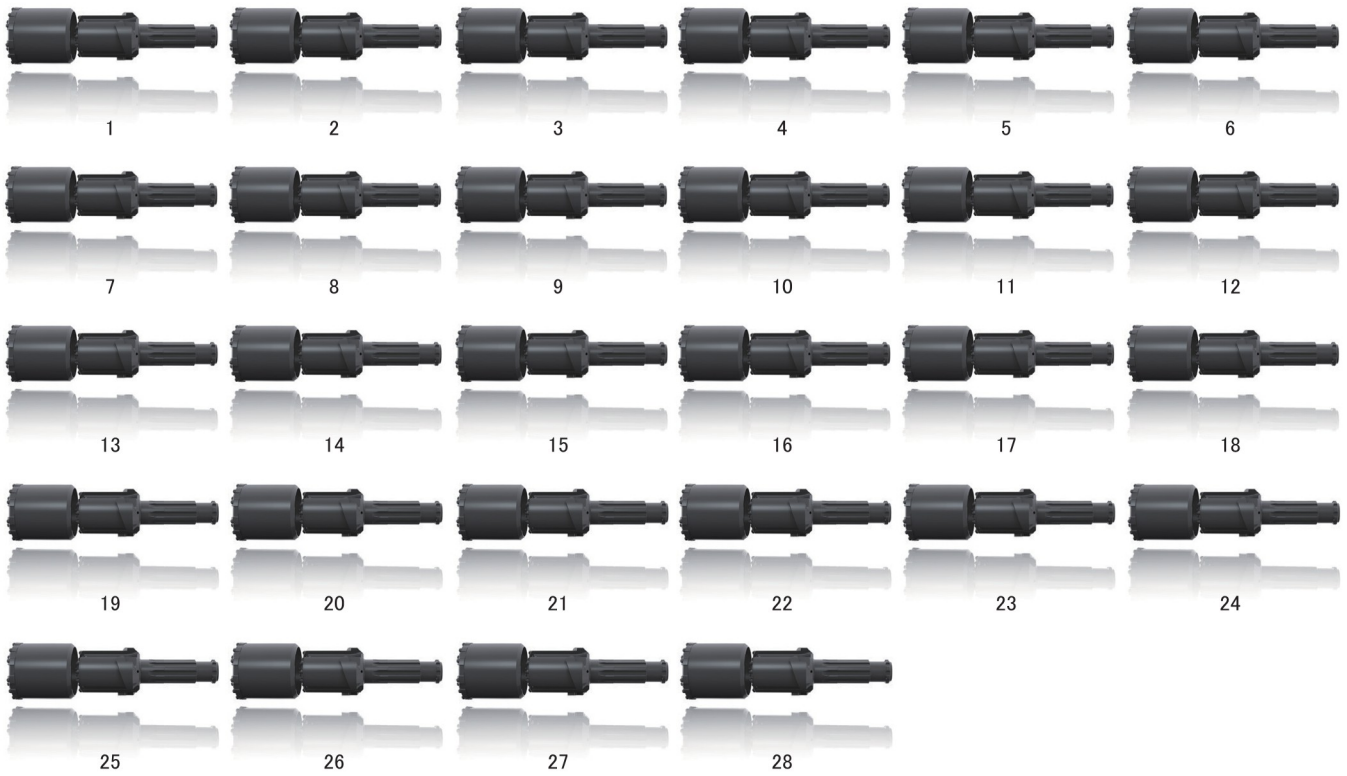
	MODEL	Pipe OD	Pipe OD	Pipe Max	Pipe Max	Pilot bit –	Pilot bit –	Pilot bit –	Pilot bit –	Wings	Hammer
		mm	in.	Wall	Wall	Wings open	Wings open	Wings closed	Wings closed		
				mm	in.	mm	in.	mm	in.		
1	KDDTH SF 273/12,7	273	10 3/4	12,7	0,5	287	11.299	245	9.646	3	8"
2	KDDTH SF 323,9/12,7	323,9	12 3/4	12,7	0,5	338	13.307	294,5	11.594	3	8"
3	KDDTH SF 406,4/12,7	406,4	16	12,7	0,5	420	16.535	376	14.803	3	10–12"
4	KDDTH SF 609,6/16	609,6	24	16	0,63	624	24.567	571	22.48	3	18"
5	KDDTH SF 711/16	711	28	16	0,63	725	28.543	671	26.417	3	18"
6	KDDTH SF 813/16	813	32	16	0,63	826	32.52	772	30.394	3	18"
7	KDDTH SF 1016/16	1016	40	16	0,63	1030	40.551	973	38.307	5	24–33"
8	KDDTH SF 1220/20	1220	48	20	0,787	1234	48.583	1135	44.685	6	30–33"
9	KDDTH SF XL 323,9/12,7	323,9	12 3/4	12,7	0,5	374	14.724	294,5	11.594	3	8"
10	KDDTH SF XL 406,4/12,7	406,4	16	12,7	0,5	460	18.11	376	14.803	4	10–12"
11	KDDTH SF XL 609,6/16	609,6	24	16	0,63	664	26.142	571	22.48	3	18"
12	KDDTH SF XL 711/16	711	28	16	0,63	765	30.118	671	26.417	3	18"
13	KDDTH SF XL 813/16	813	32	16	0,63	867	34.134	772	30.394	3	18"
14	KDDTH SF XL 1016/16	1016	40	16	0,63	1070	42.126	973	38.307	5	24–33"

DTH ROX NS



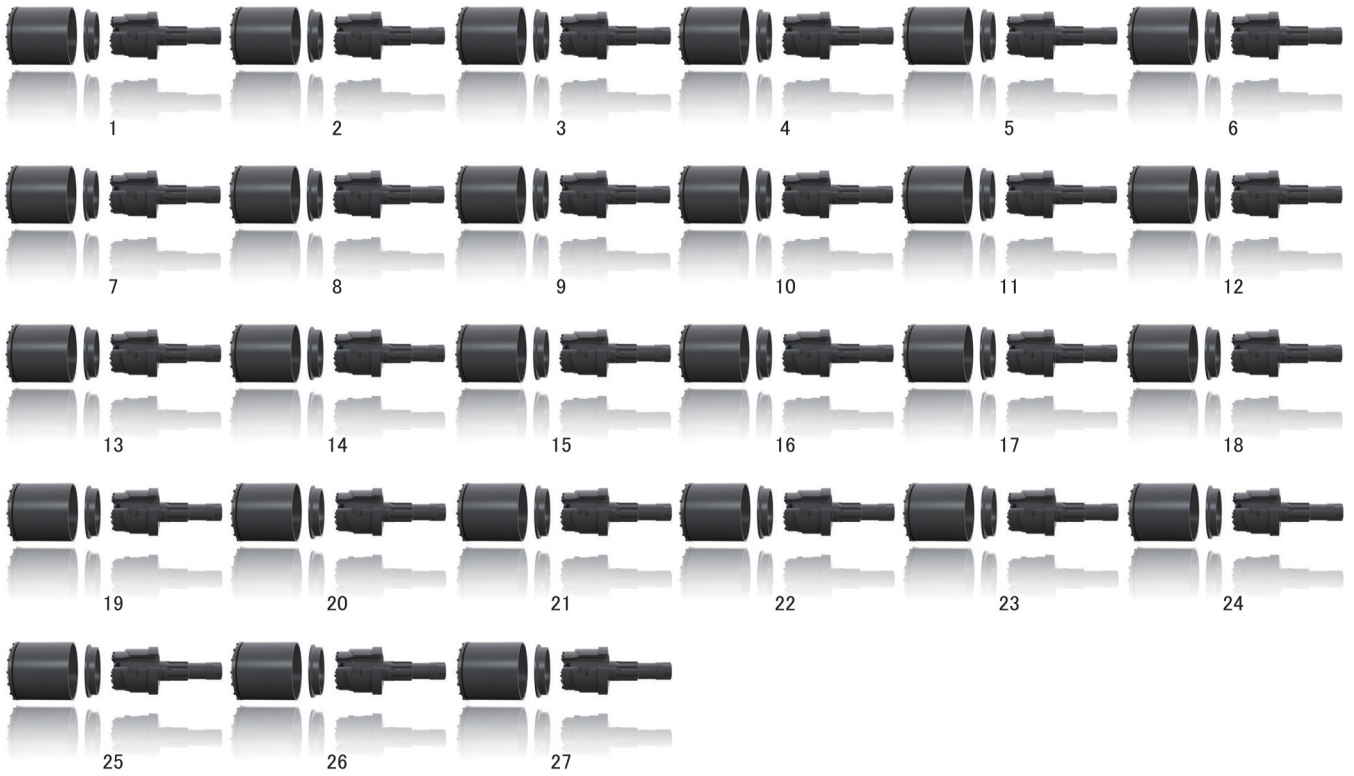
	MODEL	Casing OD		Casing Max Wall		Ring bit ID		Ring bit OD		Pilot bit OD		Hammer	Product number
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
1	KDDTH-RoX NS 114,3/10	114,3	4 ½	10	0.394	82	3.228	124	4.882	92,5	3.642	3"	03-000-114-2380
2	KDDTH-RoX NS 139,7/10	139,7	5 ½	10	0.394	104	4.094	150	5.906	116	4.567	4"	03-000-139-0039
3	KDDTH-RoX NS 152,4/12,7	152,4	6	12,7	0.5	114	4.488	160	6.299	126	4.961	4"	03-000-152-0040
4	KDDTH-RoX NS 177,8/10	177,8	7	10	0.394	142	5.591	191	7.52	152	5.984	5"	03-000-177-0041
5	KDDTH-RoX NS 219,1/6	219,1	8 ¾	6	0.236	186	7.323	233	9.173	197	7.756	6"	03-000-219-4535
6	KDDTH-RoX NS 114,3/10	114,3	4 ½	10	0.394	82	3.228	124	4.882	92,5	3.642	3"	03-531-114-2379
7	KDDTH-RoX NS 139,7/10	139,7	5 ½	10	0.394	104	4.094	150	5.906	116	4.567	4"	03-541-139-0169
8	KDDTH-RoX NS 152,4/12,7	152,4	6	12,7	0.5	114	4.488	160	6.299	126	4.961	4"	03-541-152-0174
9	KDDTH-RoX NS 177,8/10	177,8	7	10	0.394	142	5.591	191	7.52	152	5.984	5"	03-551-177-0199
10	KDDTH-RoX NS 219,1/6	219,1	8 ¾	6	0.236	186	7.323	233	9.173	197	7.756	6"	03-562-219-4524
11	KDDTH-RoX NS 114,3/10	114,3	4 ½	10	0.394	82	3.228	124	4.882	92,5	3.642	3"	03-010-114-2381
12	KDDTH-RoX NS 139,7/10	139,7	5 ½	10	0.394	104	4.094	150	5.906	116	4.567	4"	03-010-139-0050
13	KDDTH-RoX NS 152,4/12,7	152,4	6	12,7	0.5	114	4.488	160	6.299	126	4.961	4"	03-010-152-0052
14	KDDTH-RoX NS 177,8/10	177,8	7	10	0.394	142	5.591	191	7.52	152	5.984	5"	03-010-177-0055
15	KDDTH-RoX NS 219,1/6	219,1	8 ¾	6	0.236	186	7.323	233	9.173	197	7.756	6"	03-010-219-4530

DTH ROX MU



	MODEL	Casing OD		Casing Max Wall		Ring bit ID		Ring bit OD		Pilot bit OD		Hammer	Product number
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
1	KDDTH-RoX MU 114,3/10	114,3	4 ½	10	0.394	78	3.071	122	4.803	92,5	3.642	3''	03-531-114-0153
2	KDDTH-RoX MU 127/10	127	5	10	0.394	95	3.74	138	5.433	105,2	4.142	3 ½''	03-531-127-2401
3	KDDTH-RoX MU 139,7/10	139,7	5 ½	10	0.394	104	4.094	147	5.787	117,5	4.626	4''	03-541-139-0166
4	KDDTH-RoX MU 152,4/10	152,4	6	10	0.394	115,8	4.559	159,5	6.28	130,6	5.142	4''	03-541-152-0172
5	KDDTH-RoX MU 168,3/10	168,3	6 ¾	10	0.394	129	5.079	178	7.008	146	5.748	5''	03-551-168-0194
6	KDDTH-RoX MU 177,8/10	177,8	7	10	0.394	142	5.591	191	7.52	155	6.102	5''	03-551-177-0198
7	KDDTH-RoX MU 193,7/10	193,7	7 ¾	10	0.394	154	6.063	204	8.031	172	6.772	6''	03-562-193-0231
8	KDDTH-RoX MU 219,1/12,7	219,1	8 ¾	12,7	0.5	172	6.772	229	9.016	192	7.717	6''	03-562-219-0240
9	KDDTH-RoX MU 273,0/12,7	273	10 ¾	12,7	0.5	211	8.307	286	11.26	243	9.567	8''	03-581-273-0257
10	KDDTH-RoX MU 323,9/12,7	323,9	12 ¾	12,7	0.5	257	10.118	338	13.307	293	11.535	8''	03-581-323-0125
11	KDDTH-RoX MU 355,6/12,7	355,6	14	12,7	0.5	305	12.008	368	14.488	326	12.835	8-12''	03-511-355-2464
12	KDDTH-RoX MU 114,3/10	114,3	4 ½	10	0.394	78	3.071	122	4.803	92,5	3.642	3''	03-011-114-0064
13	KDDTH-RoX MU 127/10	127	5	10	0.394	95	3.74	138	5.433	105,2	4.142	3 ½''	03-011-127-2407
14	KDDTH-RoX MU 139,7/10	139,7	5 ½	10	0.394	104	4.094	147	5.787	117,5	4.626	4''	03-011-139-0075
15	KDDTH-RoX MU 152,4/10	152,4	6	10	0.394	115,8	4.559	159,5	6.28	130,6	5.142	4''	03-011-152-0079
16	KDDTH-RoX MU 168,3/10	168,3	6 ¾	10	0.394	129	5.079	178	7.008	146	5.748	5''	03-011-168-0086
17	KDDTH-RoX MU 177,8/10	177,8	7	10	0.394	142	5.591	191	7.52	155	6.102	5''	03-011-177-0094
18	KDDTH-RoX MU 193,7/10	193,7	7 ¾	10	0.394	154	6.063	204	8.031	172	6.772	6''	03-011-193-0097
19	KDDTH-RoX MU 219,1/12,7	219,1	8 ¾	12,7	0.5	172	6.772	229	9.016	196	7.717	6''	03-011-219-0105
20	KDDTH-RoX MU 273,0/12,7	273	10 ¾	12,7	0.5	211	8.307	286	11.26	243	9.567	8''	03-011-273-0117
21	KDDTH-RoX MU 323,9/12,7	323,9	12 ¾	12,7	0.5	257	10.118	338	13.307	293	11.535	8''	03-022-323-0124
22	KDDTH-RoX MU 355,6/12,7	355,6	14	12,7	0.5	305	12.008	368	14.488	326	12.835	8-12''	03-022-355-2467
23	KDDTH-RoX MU 406,4/12,7	406,4	16	12,7	0.5	328	12.913	423	16.654	374	14.724	10-12''	03-581-406-0264
24	KDDTH-RoX MU 508,0/15	508	20	15	0.591	414	16.299	526	20.709	472	18.583	12-15''	03-523-508-0146
25	KDDTH-RoX MU 609,6/16	609,6	24	16	0.63	513	20.197	637	25.079	570	22.441	18''	03-522-610-0144
26	KDDTH-RoX MU 406,4/12,7	406,4	16	12,7	0.5	328	12.913	423	16.654	374	14.724	10-12''	03-022-406-0127
27	KDDTH-RoX MU 508,0/15	508	20	15	0.591	414	16.299	526	20.709	472	18.583	12-15''	03-011-508-2579
28	KDDTH-RoX MU 609,6/16	609,6	24	16	0.63	513	20.197	637	25.079	570	22.441	18''	03-022-610-3480

DTH HZ



	MODEL	Casing OD		Casing Max Wall		Ring bit ID		Ring bit OD		Pilot bit OD		Hammer	Product number
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
1	KDDTH-RoX HZ 139,7/10	139,7	5 ½	10	0.394	84	3.307	158	6.22	117	4.606	4"	03-541-139-4527
2	KDDTH-RoX HZ 219,1/8	219,1	8 ¾	8	0.315	147	5.787	249	9.803	191	7.52	6"	03-562-219-3661
3	KDDTH-RoX HZ 219,1/12,7	219,1	8 ¾	12,7	0.5	147	5.787	249	9.803	191	7.52	6"	03-562-219-3661
4	KDDTH-RoX HZ 273/12,7	273	10 ¾	12,7	0.5	200	7.874	303	11.929	245	9.646	6-8"	03-562-273-4426
5	KDDTH-RoX HZ 323,9/8	323,9	12 ¾	8	0.315	240	9.449	346	13.622	295	11.614	8-10"	03-581-323-3046
6	KDDTH-RoX HZ 323,9/12,7	323,9	12 ¾	12,7	0.5	240	9.449	346	13.622	295	11.614	8-10"	03-581-323-3046
7	KDDTH-RoX HZ 139,7/10	139,7	5 ½	10	0.394	84	3.307	158	6.22	117	4.606	4"	03-011-139-4510
8	KDDTH-RoX HZ 219,1/8	219,1	8 ¾	8	0.315	147	5.787	249	9.803	191	7.52	6"	03-011-219-3666
9	KDDTH-RoX HZ 219,1/12,7	219,1	8 ¾	12,7	0.5	147	5.787	249	9.803	191	7.52	6"	03-011-219-3666
10	KDDTH-RoX HZ 273/12,7	273	10 ¾	12,7	0.5	200	7.874	303	11.929	245	9.646	6-8"	03-011-273-4420
11	KDDTH-RoX HZ 323,9/8	323,9	12 ¾	8	0.315	240	9.449	346	13.622	295	11.614	8-10"	03-011-323-3045
12	KDDTH-RoX HZ 323,9/12,7	323,9	12 ¾	12,7	0.5	240	9.449	346	13.622	295	11.614	8-10"	03-011-323-3045
13	KDDTH-RoX HZ 139,7/10	139,7	5 ½	10	0.394	84	3.307	158	6.22	117	4.606	4"	03-000-139-4507
14	KDDTH-RoX HZ 219,1/8	219,1	8 ¾	8	0.315	147	5.787	249	9.803	191	7.52	6"	03-000-219-3665
15	KDDTH-RoX HZ 219,1/12,7	219,1	8 ¾	12,7	0.5	147	5.787	249	9.803	191	7.52	6"	03-000-219-3664
16	KDDTH-RoX HZ 273/12,7	273	10 ¾	12,7	0.5	200	7.874	303	11.929	245	9.646	6-8"	03-000-273-4430
17	KDDTH-RoX HZ 323,9/8	323,9	12 ¾	8	0.315	240	9.449	346	13.622	295	11.614	8-10"	03-000-323-3049
18	KDDTH-RoX HZ 323,9/12,7	323,9	12 ¾	12,7	0.5	240	9.449	346	13.622	295	11.614	8-10"	03-000-323-3048
19	KDDTH-RoX HZ 406,4/8	406,4	16	8	0.315	324	12.756	435	17.126	376	14.803	10-12"	03-511-406-3492
20	KDDTH-RoX HZ 406,4/12,7	406,4	16	12,7	0.5	324	12.756	435	17.126	376	14.803	10-12"	03-511-406-3492
21	KDDTH-RoX HZ 609,6/16	609,6	24	16	0.63	516	20.315	639	25.157	570	22.441	12-18"	03-521-610-4359
22	KDDTH-RoX HZ 406,4/8	406,4	16	8	0.315	324	12.756	435	17.126	376	14.803	10-12"	03-011-406-3489
23	KDDTH-RoX HZ 406,4/12,7	406,4	16	12,7	0.5	324	12.756	435	17.126	376	14.803	10-12"	03-011-406-3489
24	KDDTH-RoX HZ 609,6/16	609,6	24	16	0.63	516	20.315	639	25.157	570	22.441	12-18"	03-011-610-4360
25	KDDTH-RoX HZ 406,4/8	406,4	16	8	0.315	324	12.756	435	17.126	376	14.803	10-12"	03-000-406-3487
26	KDDTH-RoX HZ 406,4/12,7	406,4	16	12,7	0.5	324	12.756	435	17.126	376	14.803	10-12"	03-000-406-3488
27	KDDTH-RoX HZ 609,6/16	609,6	24	16	0.63	516	20.315	639	25.157	570	22.441	12-18"	03-000-610-4361

DTH-EC

	MODEL	Casing OD mm	Casing OD in.	Casing Max Wall mm	Casing Max Wall in.	Casing ID mm	Casing ID in.	Pilot bit mm	Pilot bit in.	Reamed diam. mm	Reamed diam. in.	Drill pipes mm	Drill pipes in.	Hammer
1	KDDBDTH-EC 114,3/5	114,3	4 ½	5	0,197	104,3	4,106	90	3,543	123,6	4,866	76	3	3 ½''
2	KDDBDTH-EC 139,7/5,6	139,7	5 ½	5,6	0,220	128,5	5,059	114	4,488	152	5,984	76/89	3/3½	4''
3	KDDBDTH-EC 168,3/6	168,3	6 ¾	6	0,236	156,3	6,154	141,2	5,559	186	7,323	89	3½	5''
4	KDDBDTH-EC 193,7/6	193,7	7 ¾	6	0,236	181,7	7,154	165	6,496	213,4	8,402	114	4½	6''

CDS-R

	MODEL	Hole Diameter mm	Casing OD mm	Casing ID mm	Shank Types
1	KDDBCDS 235R	296	273	254	DHD380 / SD8 / QL80
2	KDDBCDS 240R	296	273	260	DHD380 / SD8 / QL80
3	KDDBCDS 280R	345	324	305	SD10 / N100
4	KDDBCDS 365R	425	406	387	SD12 / N120 / N125
5	KDDBCDS 460R	530	508	483	SD12 / N125
6	KDDBCDS 510R	583	559	533	SD18 / N180 / QL200
7	KDDBCDS 560R	640	610	590	SD18 / N180 / QL200
8	KDDBCDS 610R	695	659	633	SD18 / N180 / QL200 / N240
9	KDDBCDS 745R	840	813	780	N240

CDS-RS

	MODEL	Hole Diameter mm	Casing OD mm	Casing ID mm	Shank Types
1	KDDBCDS 235RS	296	273	254	DHD380 / SD8 / QL80
2	KDDBCDS 240RS	296	273	260	DHD380 / SD8 / QL80
3	KDDBCDS 280RS	345	324	305	SD10 / N100
4	KDDBCDS 365RS	425	406	387	SD12 / N120 / N125
5	KDDBCDS 460RS	530	508	483	SD12 / N125
6	KDDBCDS 510RS	583	559	533	SD18 / N180 / QL200
7	KDDBCDS 560RS	640	610	590	SD18 / N180 / QL200
8	KDDBCDS 610RS	695	659	633	SD18 / N180 / QL200 / N240
9	KDDBCDS 745RS	840	813	780	N240

ROTARY DRILL BITS

	MODEL	Bit Size	IADC	API (Reg) Pin Thread	Bit Weight		WOB (x1000) lbs	Minimum Air Pressure	RPM
					kg	kg			
1	KD Rotary bit 1	5 1/8" AB50	5-3-2	2 7/8"	11.0	2.4	15 to 33	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
2	KD Rotary bit 2	5 5/8" AB50	5-3-2	3 1/2"	12.0	2.4	16.5 to 36.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
3	KD Rotary bit 3	5 7/8" AB50	5-3-2	3 1/2"	14.0	2.4	17.5 to 38	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
4	KD Rotary bit 4	5 7/8" AB55	5-4-2	3 1/2"	14.0	2.4	17.5 to 38	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
5	KD Rotary bit 5	5 7/8" AB60	6-3-2	3 1/2"	14.0	2.4	23.5 to 41	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
6	KD Rotary bit 6	6 1/4" AB35	4-1-2	3 1/2"	16.0	2.4	6 to 31	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
7	KD Rotary bit 7	6 1/4" AB40	4-2-2	3 1/2"	16.0	2.4	6 to 31	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
8	KD Rotary bit 8	6 1/4" AB50	5-3-2	3 1/2"	16.0	2.4	18.5 to 40.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
9	KD Rotary bit 9	6 1/4" AB60	6-3-2	3 1/2"	16.0	2.4	25 to 43	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
10	KD Rotary bit 10	6 1/2" AB40	4-2-2	3 1/2"	17.0	2.4	6.5 to 26	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
11	KD Rotary bit 11	6 1/2" AB60	6-3-2	3 1/2"	17.0	2.4	26 to 45	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
12	KD Rotary bit 12	6 3/4" AB30	4-1-2	3 1/2"	18.5	2.4	6.5 to 27	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
13	KD Rotary bit 13	6 3/4" AB40	4-2-2	3 1/2"	18.5	2.4	6.5 to 27	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
14	KD Rotary bit 14	6 3/4" AB50	5-3-2	3 1/2"	18.5	2.4	20 to 43.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
15	KD Rotary bit 15	6 3/4" AB60	6-3-2	3 1/2"	18.5	2.4	27 to 47	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
16	KD Rotary bit 16	6 3/4" AB70	7-2-2	3 1/2"	18.5	2.4	27 to 54	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
17	KD Rotary bit 17	7" AB30	4-1-2	3 1/2"	18.5	2.4	7.0 to 28	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
18	KD Rotary bit 18	7 3/8" AB51	5-1-2	3 1/2"	21.0	2.4	22 to 47.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
19	KD Rotary bit 19	7 7/8" AB35	4-1-2	4 1/2"	28.0	3.2	8 to 31	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
20	KD Rotary bit 20	7 7/8" AB40	4-2-2	4 1/2"	28.0	3.2	8 to 31	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
21	KD Rotary bit 21	7 7/8" AB50	5-3-2	4 1/2"	28.0	3.2	23.5 to 51	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
22	KD Rotary bit 22	7 7/8" AB51	5-1-2	4 1/2"	28.0	3.2	23.5 to 51	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
23	KD Rotary bit 23	7 7/8" AB54	5-4-2	4 1/2"	28.0	3.2	23.5 to 51	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
24	KD Rotary bit 24	7 7/8" AB60	6-3-2	4 1/2"	28.0	3.2	31.5 to 55	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
25	KD Rotary bit 25	7 7/8" AB64	6-4-2	4 1/2"	28.0	3.2	31.5 to 55	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
26	KD Rotary bit 26	7 7/8" AB70	7-2-2	4 1/2"	28.0	3.2	31.5 to 63	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
27	KD Rotary bit 27	8 1/2" AB50	5-3-2	4 1/2"	31.0	3.2	25.5 to 55	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
28	KD Rotary bit 28	8 1/2" AB60	6-3-2	4 1/2"	31.0	3.2	34 to 59.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
29	KD Rotary bit 29	8 1/2" AB64	6-4-2	4 1/2"	31.0	3.2	34 to 59.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
30	KD Rotary bit 30	8 5/8" AB50	5-3-2	4 1/2"	31.0	3.2	25.5 to 55	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
31	KD Rotary bit 31	8 5/8" AB60	6-3-2	4 1/2"	31.0	3.2	34 to 59.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
32	KD Rotary bit 32	9" AB35	4-1-2	4 1/2"	38.0	3.4	9 to 36	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
33	KD Rotary bit 33	9" AB37	4-3-2	4 1/2"	38.0	3.4	9 to 36	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
34	KD Rotary bit 34	9" AB40	4-2-2	4 1/2"	38.0	3.4	9 to 36	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
35	KD Rotary bit 35	9" AB50	5-3-2	4 1/2"	38.0	3.4	27 to 58.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
36	KD Rotary bit 36	9" AB54	5-4-2	4 1/2"	38.0	3.4	27 to 58.5	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
37	KD Rotary bit 37	9" AB60	6-3-2	4 1/2"	38.0	3.4	36 to 63	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
38	KD Rotary bit 38	9" AB64	6-4-2	4 1/2"	38.0	3.4	36 to 63	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
39	KD Rotary bit 39	9" AB70	7-2-2	4 1/2"	38.0	3.4	36 to 72	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
40	KD Rotary bit 40	9 7/8" AB32	4-1-2	6 5/8"	54.0	4	10 to 49	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
41	KD Rotary bit 41	9 7/8" AB37	4-3-2	6 5/8"	54.0	4	10 to 49	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
42	KD Rotary bit 42	9 7/8" AB42	4-2-2	6 5/8"	54.0	4	10 to 49	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
43	KD Rotary bit 43	9 7/8" AB44	4-4-2	6 5/8"	54.0	4	10 to 49	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
44	KD Rotary bit 44	9 7/8" AB51	5-1-2	6 5/8"	55.0	4	29 to 64	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
45	KD Rotary bit 45	9 7/8" AB60	6-3-2	6 5/8"	57.0	4	39 to 69	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
46	KD Rotary bit 46	9 7/8" AB64	6-4-2	6 5/8"	57.0	4	39 to 69	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
47	KD Rotary bit 47	9 7/8" AB70	7-2-2	6 5/8"	57.0	4	39 to 79	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
48	KD Rotary bit 48	10 5/8" AB37	4-3-2	6 5/8"	68.0	4	10.5 to 53	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
49	KD Rotary bit 49	10 5/8" AB40	4-2-2	6 5/8"	68.0	4	10.5 to 53	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
50	KD Rotary bit 50	10 5/8" AB44	4-4-2	6 5/8"	68.0	4	10.5 to 53	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
51	KD Rotary bit 51	10 5/8" AB50	5-3-2	6 5/8"	68.0	4	31 to 69	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
52	KD Rotary bit 52	10 5/8" AB64	6-4-2	6 5/8"	69.0	4	42 to 74	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
53	KD Rotary bit 53	10 5/8" AB70	7-2-2	6 5/8"	69.0	4	42 to 85	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
54	KD Rotary bit 54	11" AB64	6-4-2	6 5/8"	71.0	4	44 to 77	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
55	KD Rotary bit 55	12 1/4" AB50	5-3-2	6 5/8"	96.0	7	36 to 79	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
56	KD Rotary bit 56	12 1/4" AB64	6-4-2	6 5/8"	96.0	7	49 to 85	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
57	KD Rotary bit 57	12 1/4" AB70	7-2-2	6 5/8"	97.0	7	49 to 98	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 90
58	KD Rotary bit 58	9 7/8" SB37	4-3-5	6 5/8"	54.0	4	10 to 49	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 150
59	KD Rotary bit 59	10 5/8" SB64	6-4-5	6 5/8"	69.0	4	42 to 74	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120
60	KD Rotary bit 60	12 1/4" SB64	6-4-5	6 5/8"	96.0	7	49 to 85	60psi at Cabin & 35 to 40 psi at the bit nozzle	50 to 120

ROTARY DRILL BITS

	MODEL	Diameter	Diameter	IADC	Formation	Pin Size	Weight
		mm	in.				
1	KDAB TCI Rotary Bit 2 ½	64	2 ½	521/721	Medium, Hard	N Rod	2,2
2	KDAB TCI Rotary Bit 2 ¾	67	2 ¾	521/721	Medium, Hard	N Rod	2,2
3	KDAB TCI Rotary Bit 2 ⅞	73	2 ⅞	721	Hard	N Rod	2,4
4	KDAB TCI Rotary Bit 2 15/16	75	2 15/16	721	Hard	N Rod	2,4
5	KDAB TCI Rotary Bit 3	76	3	521/721	Medium, Hard	N Rod	2,4
6	KDAB TCI Rotary Bit 3 ⅛	79	3 ⅛	521	Soft, Medium	N Rod	2,4
7	KDAB TCI Rotary Bit 3 ¼	89	3 ¼	521/721	Medium, Hard	2 ¾" API Reg	3,4
8	KDAB TCI Rotary Bit 3 ⅝	98	3 ⅝	521/621	Soft, Medium, Hard	2 ¾" API Reg	4,4
9	KDAB TCI Rotary Bit 4	101	4	521/721	Soft, Medium, Hard	2 ¾" API Reg	4,4
10	KDAB TCI Rotary Bit 4 ⅛	105	4 ⅛	521	Soft, Medium	2 ¾" API Reg	5,0
11	KDAB TCI Rotary Bit 4 ¼	108	4 ¼	521	Soft, Medium	2 ¾" API Reg	5,0
12	KDAB TCI Rotary Bit 4 ½	114	4 ½	521/721	Soft, Medium, Hard	2 ¾" API Reg	5,4
13	KDAB TCI Rotary Bit 4 ⅝	121	4 ⅝	521/721	Soft, Medium, Hard	2 ¾" API Reg	7,8
14	KDAB TCI Rotary Bit 4 ⅞	117	4 ⅞	521	Soft, Medium	2 ¾" API Reg	5,4
15	KDAB TCI Rotary Bit 4 ¾	124	4 ¾	721	Hard	2 ¾" API Reg	9,2
16	KDAB TCI Rotary Bit 5	127	5	721	Hard	2 ¾" API Reg	9,2
17	KDAB TCI Rotary Bit 5 ⅛	130	5 ⅛	521/721	Soft, Medium, Hard	2 ¾" API Reg	9,5
18	KDAB TCI Rotary Bit 5 ¼	133	5 ¼	521	Soft, Medium	2 ¾" API Reg	9,9
19	KDAB TCI Rotary Bit 5 ⅝	137	5 ⅝	521	Soft, Medium	2 ¾" API Reg	9,9
20	KDAB TCI Rotary Bit 5 ¾	140	5 ¾	521/721	Soft, Medium, Hard	2 ¾" API Reg	12,0
21	KDAB TCI Rotary Bit 5 ⅞	143	5 ⅞	521	Soft, Medium	3 ½" API Reg	12,0
22	KDAB TCI Rotary Bit 5 ¾	146	5 ¾	721	Hard	3 ½" API Reg	12,0
23	KDAB TCI Rotary Bit 5 ⅞	149	5 ⅞	521	Soft, Medium	3 ½" API Reg	14,6
24	KDAB TCI Rotary Bit 6	152	6	521/621/721	Soft, Medium, Hard	3 ½" API Reg	14,6
25	KDAB TCI Rotary Bit 6 ⅛	156	6 ⅛	521	Soft, Medium	3 ½" API Reg	14,6
26	KDAB TCI Rotary Bit 6 ¼	159	6 ¼	521	Soft, Medium	3 ½" API Reg	16,0
27	KDAB TCI Rotary Bit 6 ½	165	6 ½	521/721	Soft, Medium, Hard	3 ½" API Reg	18,5
28	KDAB TCI Rotary Bit 6 ⅝	171	6 ⅝	521/721	Soft, Medium, Hard	3 ½" API Reg	18,5
29	KDAB TCI Rotary Bit 7	178	7	521	Soft, Medium	3 ½" API Reg	18,5
30	KDAB TCI Rotary Bit 7 ⅞	187	7 ⅞	721	Hard	3 ½" API Reg	18,5
31	KDAB TCI Rotary Bit 7 ½	191	7 ½	521	Soft, Medium	4 ½" API Reg	25,0
32	KDAB TCI Rotary Bit 7 ¾	200	7 ¾	721	Hard	4 ½" API Reg	28,0
33	KDAB TCI Rotary Bit 9 ½	241	9 ½	521	Soft, Medium	4 ½" API Reg	38,0
34	KDAB ST Rotary Bit 2 ½	64	2 ½	111/231/321	Soft, Medium, Hard	N Rod	1,7
35	KDAB ST Rotary Bit 2 ¾	67	2 ¾	111/231/321	Soft, Medium, Hard	N Rod	1,7
36	KDAB ST Rotary Bit 2 ⅞	73	2 ⅞	111/231/321	Soft, Medium, Hard	N Rod	2,0
37	KDAB ST Rotary Bit 2 15/16	75	2 15/16	111/231/321	Soft, Medium, Hard	N Rod	2,0
38	KDAB ST Rotary Bit 3	76	3	111/231/321	Soft, Medium, Hard	N Rod	2,0
39	KDAB ST Rotary Bit 3 ⅛	89	3 ⅛	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	3,1
40	KDAB ST Rotary Bit 3 ¼	95	3 ¼	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	3,7
41	KDAB ST Rotary Bit 3 ⅝	98	3 ⅝	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	3,7
42	KDAB ST Rotary Bit 4	101	4	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	3,8
43	KDAB ST Rotary Bit 4 ⅛	105	4 ⅛	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	4,2
44	KDAB ST Rotary Bit 4 ¼	108	4 ¼	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	4,2
45	KDAB ST Rotary Bit 4 ½	114	4 ½	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	4,2
46	KDAB ST Rotary Bit 4 ⅝	121	4 ⅝	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	7,3
47	KDAB ST Rotary Bit 4 ⅞	124	4 ⅞	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	6,6
48	KDAB ST Rotary Bit 5	127	5	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	6,8
49	KDAB ST Rotary Bit 5 ⅛	130	5 ⅛	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	8,5
50	KDAB ST Rotary Bit 5 ¼	133	5 ¼	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	8,5
51	KDAB ST Rotary Bit 5 ⅝	137	5 ⅝	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	8,5
52	KDAB ST Rotary Bit 5 ¾	140	5 ¾	111/231/321	Soft, Medium, Hard	2 ¾" API Reg	9,2
53	KDAB ST Rotary Bit 5 ⅞	143	5 ⅞	111/231/321	Soft, Medium, Hard	3 ½" API Reg	9,2
54	KDAB ST Rotary Bit 5 ¾	149	5 ¾	111/231/321	Soft, Medium, Hard	3 ½" API Reg	13,7
55	KDAB ST Rotary Bit 6	152	6	111/231/321	Soft, Medium, Hard	3 ½" API Reg	13,7
56	KDAB ST Rotary Bit 6 ⅛	156	6 ⅛	111/231/321	Soft, Medium, Hard	3 ½" API Reg	13,7
57	KDAB ST Rotary Bit 6 ¼	159	6 ¼	311/111	Soft, Hard	3 ½" API Reg	14,8
58	KDAB ST Rotary Bit 6 ½	165	6 ½	111/231/321	Soft, Medium, Hard	3 ½" API Reg	16,5
59	KDAB ST Rotary Bit 6 ⅝	171	6 ⅝	111/231/321	Soft, Medium, Hard	3 ½" API Reg	16,5
60	KDAB ST Rotary Bit 7	178	7	111/231/321	Soft, Medium, Hard	3 ½" API Reg	16,5

ROTARY DRILL BITS

	MODEL	Diameter mm	Diameter in.	IADC	Formation	Pin Size	Weight kg
1	KDAB ST Rotary Bit 7 ½	191	7 ½	111/231/321	Soft, Medium, Hard	4 ½" API Reg	22.0
2	KDAB ST Rotary Bit 7 ⅝	194	7 ⅝	111/231/321	Soft, Medium, Hard	4 ½" API Reg	22.0
3	KDAB ST Rotary Bit 7 ¾	200	7 ¾	111/231/321	Soft, Medium, Hard	4 ½" API Reg	22.0
4	KDAB ST Rotary Bit 8	203	8	111/231/321	Soft, Medium, Hard	4 ½" API Reg	23.0
5	KDAB ST Rotary Bit 8 ½	216	8 ½	111/231/321	Soft, Medium, Hard	4 ½" API Reg	32.0
6	KDAB ST Rotary Bit 9 ½	241	9 ½	111/231/321	Soft, Medium, Hard	4 ½" API Reg	32.0
7	KDAB ST Rotary Bit 9 ⅞	251	9 ⅞	111/231/321	Soft, Medium, Hard	6 ⅝" API Reg	46.0
8	KDAB ST Rotary Bit 10	254	10	321	Hard	6 ⅝" API Reg	46.0
9	KDAB ST Rotary Bit 12 ¼	311	12 ¼	111/231/321	Soft, Medium, Hard	6 ⅝" API Reg	78.0

DRAG BITS

	MODEL	No. Of Blades	Size mm	Size in.	Face Type
1	KD Air Core Bit 1	3	76.2	3	Discharge / Vacuum

DRAG BITS

	MODEL	No. Of Picks	Size mm	Size in.	Connection Thread	RPM
1	KD Comet Claw Bit 1	10	200	Aug-77	4 1/2 API Reg Pin	60-120

RC HAMMERS SPARE PARTS

	MODEL	Shank	Backhead (adapter)	Outside diameter mm	Outside diameter in.	Length mm	Length in.	Weight (less bit) kg
1	KDDR 38	DR 38	3 1/2 Remet	95	3.74	890	35.03	29.5
2	KDDR 44	DR 44	4 1/2 Remet	121	4.76	1210	47.6	70
3	KDDR 53	DR 53	4 1/2 Remet	121	4.76	1226	48	80
4	KDDR 55	DR 55	4 1/2 Metzke / 4 1/2 Remet	130	5.1	1252	49.3	86

RC BITS

	MODEL	Shank	Diameter	Diameter	Face Type (Collaring)	Face Type (XHF)	Face Type (Drop Centre)	Face Type (HFDC)	Face Type (HF)
			mm	in.					
1	KDRC Bit 1	DR38	100	4	x		x		
2	KDRC Bit 2	DR38	108	4-1/4			x		
3	KDRC Bit 3	DR38	114	4-1/2			x		
4	KDRC Bit 4	DR44	133	5-1/4		x			x
5	KDRC Bit 5	DR44 / DR53 / DR55	136	5-3/8		x	x		x
6	KDRC Bit 6	DR44 / DR53 / DR55	139	5-1/2		x	x		x
7	KDRC Bit 7	DR53 / DR55	143	5-5/8		x	x		x
8	KDRC Bit 8	DR55	146	5-3/4		x			x
9	KDRC Bit 9	DR55	149	5-7/8		x			x
10	KDRC Bit 10	DR38 / DR53 / DR55	153	6-1/4	x				
11	KDRC Bit 11	DR44 / DR53 / DR55	165	6-1/2	x				
12	KDRC Bit 12	DR44 / DR53 / DR55	190	7-1/2	x				
13	KDRC Bit 13	DR44 / DR55	196	7-3/4	x				
14	KDRC Bit 14	DR55	203	8	x				
15	KDRC Bit 15	DR55	254	10	x				

S SENSE

	MODEL	Thread	Diameter	Diameter	Gauge angle	Buttons (center)	Buttons (gauge)	Flushing (center)	Flushing (gauge)	Weight kg	Product code	Product number (dome)	Product number (ballistic)
			mm	in.		no, mm	no, mm	no	no				
1	KD Button bit Sense 45C76DS	C45	76	3,0	35	5, 11	8, 11	4	0	2,02	07-245- 076-6474	07-245- 076-6474	07-245- 076-6475
2	KD Button bit Sense 45C83DS	C45	83	3,3	35	5, 12	8, 12	4	0	2,82	07-245- 083-6533	07-245- 083-6533	07-245- 083-6534
3	KD Button bit Sense 51C83DS	C51	83	3,3	35	5, 12	8, 12	4	0	2,97	07-251- 083-6996	07-251- 083-6996	07-251- 083-6997
4	KD Button bit Sense 51C89DS	C51	89	3,5	35	5, 12	8, 12	4	0	3,26	07-251- 089-6401	07-251- 083-6997	07-251- 089-6401

S SENSE

	MODEL	Compatible bit diameter	Thread	Length	Diameter	Weight	Product code
		mm		mm	mm	kg	
1	KD Sense Adapter C45-C45 D66 ID33 retrac	76	C45	379	67	6,84	07-245-245-0422
2	KD Sense Adapter C45-C45 D66		C45	365	66	6,62	07-245-245-6536
3	KD Sense Adapter C51-C51 D82 Retracc	89	C51	400	82,5	8,4	07-251-251-0123
4	KD Sense Adapter C51-C51 D74		C51	385	74	7,69	07-251-251-6404