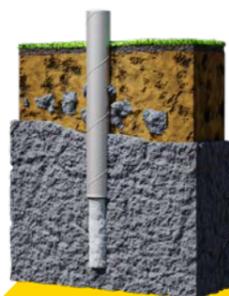
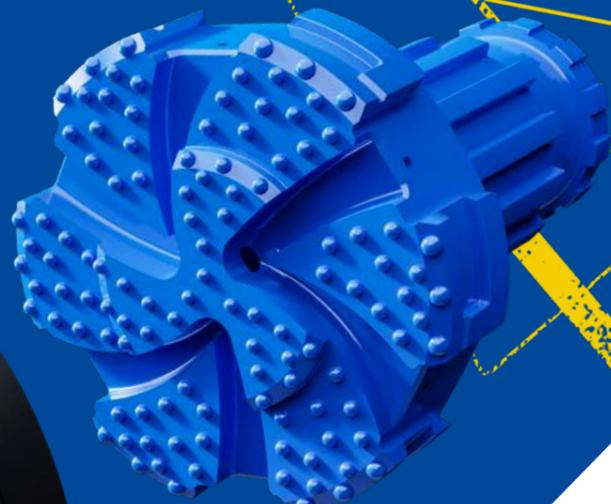


# DRILL THROUGH RING BIT SYSTEM



**Drill through ring bit system** combines a conventional rock bit into a casing advance system. As the name suggests, it allows drilling through the ring bit without changing tools.

In projects where rock sockets are needed and the foundations are deep, DT system can save time by going through overburden and drilling the rock socket into bedrock using the same pilot bit.

## MAIN APPLICATIONS

- Anchoring applications
- End-bearing piles with rock sockets in deep foundations



## DRILL THROUGH SYSTEM 76-1524 mm



System is available for all major shank designs, and in smaller sizes with top hammer threads. Sizes 76-178 mm can be ordered with Spiral Flush Mini or conventional flushing.

SPIRAIFLUSH®

System product code	Casing OD mm	Casing OD inch	Max wall mm	Max wall inch	Ring bit ID mm	Ring bit ID inch	Ring bit OD mm	Ring bit OD inch	Pilot bit OD mm	Pilot bit OD inch	Recommended hammer
DTI76-8-47	76.1	3"	8	0.31"	47	1.85"	92	3.62"	58	2.28"	R32
DTI89-8-60	88.9	3.5"	8	0.31"	60	2.36"	105	4.13"	70	2.76"	T38
DTI102-8-72	101.6	4"	8	0.31"	72	2.83"	118	4.65"	83	3.27"	T38
DTI114-10-92-80	114.3	4.5"	10	0.39"	80	2.99"	130	5.12"	92	3.50"	MP30-DH
DTI127-10-105-87	127	5"	10	0.39"	87	3.43"	145	5.71"	105	4.13"	MP30-DH
DTI140-10-114-100	139.7	5.5"	10	0.39"	102	3.94"	160	6.30"	114	4.49"	MP4H-MQ
DTI152-10-126-112	152.4	6"	10	0.39"	112	4.41"	172	6.77"	126	4.96"	MP4H-MQ
DTI159-10-133-118	158.8	6.25"	10	0.39"	118	4.65"	179	7.05"	133	5.24"	MP4H-MQ
DTI168-12.7-140-127	168.3	6.63"	12.7	0.5"	127	4.92"	189	7.44"	140	5.51"	MP50-MQ
DTI178-12.7-150-135	177.8	7"	12.7	0.5"	135	5.31"	199	7.83"	150	5.91"	MP50-MQ
DTI194-12.7-163-147	193.7	7.63"	12.7	0.5"	147	5.79"	221	8.70"	163	6.42"	MP60-MQ
DTI219-12.7-188-171	219.1	8.63"	12.7	0.5"	171	6.73"	243	9.57"	188	7.40"	MP70-MC-DI60
DTI244-12.7-214-194	244.5	9.63"	12.7	0.5"	194	7.64"	269	10.59"	214	8.43"	MP80-MQ
DTI254-12.7-224-204	254	10"	12.7	0.5"	204	8.03"	279	10.98"	224	9.61"	MP80-MQ
DTI273-12.7-243-222	273	10.74"	12.7	0.5"	222	8.74"	299	11.77"	243	9.57"	MP80-MQ
DTI301-12.7-272-250	301.6	11.87"	12.7	0.5"	250	9.84"	330	12.99"	272	10.71"	MP80-MQ
DTI323-12.7-294-272	323.9	12.74"	12.7	0.5"	272	10.71"	352	13.86"	294	11.57"	MP100-MC
DTI339-14.2-308-286	339.7	13.37"	14.2	0.56"	286	11.26"	368	14.49"	308	12.13"	MP100-MC
DTI355-14.2-324-300	355.6	14"	14.2	0.56"	300	11.81"	384	15.12"	324	12.76"	MP100-MC
DTI406-16-370-346	406.4	16"	16	0.63"	346	13.62"	443	17.44"	370	14.57"	MP120-MC
DTI457-16-420-393	457.2	18"	16	0.63"	393	15.47"	489	19.25"	420	16.54"	MP120-MC
DTI508-16-463-442	508	20"	16	0.63"	442	17.40"	542	21.34"	463	18.23"	MP150-MC
DTI559-16-521-490	558.8	22"	16	0.63"	490	19.29"	593	23.35"	521	20.51"	MP150-MC
DTI610-16-564-540	609.6	24"	16	0.63"	540	21.26"	644	25.35"	564	22.20"	MP180-MQ
DTI660-20-605-580	660.4	26"	20	0.79"	580	22.83"	700	27.56"	605	23.82"	MP180-MQ
DTI711-20-656-625	711.2	28"	20	0.79"	625	24.61"	753	29.65"	656	25.83"	MP240-MQ
DTI762-20-707-672	762	30"	20	0.79"	672	26.46"	804	31.65"	707	27.83"	MP240-MQ
DTI813-20-758-720	812.8	32"	20	0.79"	720	28.35"	855	33.66"	758	29.84"	MP240-MQ
DTI863-20-808-770	863.6	34"	20	0.79"	770	30.32"	905	35.63"	808	31.81"	MP240-MQ
DTI914-20-859-818	914.4	36"	20	0.79"	818	32.20"	958	37.72"	859	33.82"	MP240-MQ
DTI1016-20-960-916*	1016	40"	20	0.79"	916	36.06"	1060	41.73"	960	37.80"	MP340
DTI1067-20-1010-952*	1066.8	42"	20	0.79"	952	37.48"	1112	43.78"	1010	39.76"	MP340
DTI1219-22-1161-1101*	1219.2	48"	22	0.87"	1101	43.35"	1268	49.92"	1161	45.71"	MP340
DTI1321-25-1260-1205*	1320.8	52"	25	1"	1205	47.44"	1378	54.25"	1260	49.61"	MP400
DTI1422-25-1360-1305*	1422.4	56"	25	1"	1305	51.38"	1478	58.19"	1360	53.54"	MP400
DTI1524-25-1462-1405*	1524	60"	25	1"	1405	55.31"	1578	62.13"	1462	57.56"	MP400

\*Large-diameter systems can be engineered based on the specific customer requirements.

The drill through system can also be delivered with a non-DT pilot.