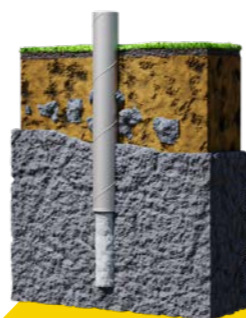
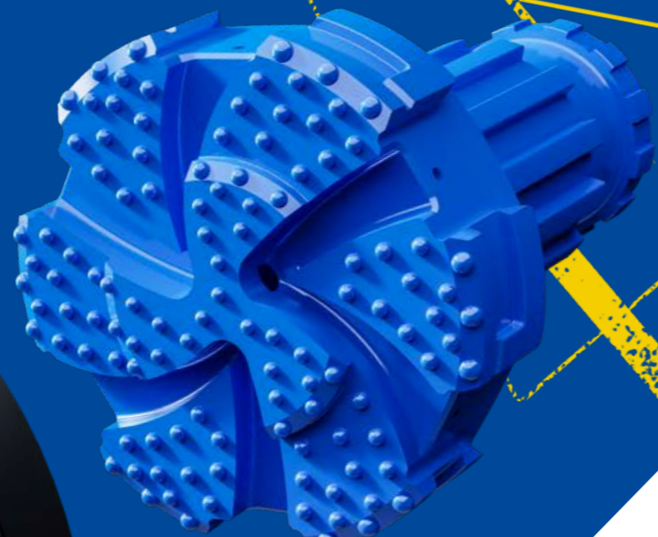


DRILL THROUGH RING BIT SYSTEM



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

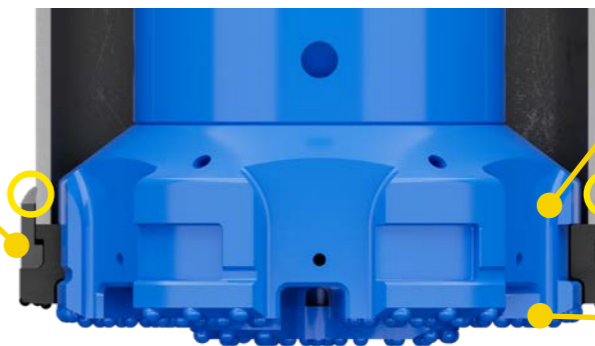
- Anchoring applications
- End-bearing piles with rock sockets in deep foundations



DRILL THROUGH SYSTEM 114-1524 mm

Casing shoe and ring bit are integrated

Easy locking with single shoulder design



Locking allows drilling through the ring bit with the pilot bit

○ = Welding spot

System is available for all major shank designs. Sizes 114-178 can be ordered with Spiral Flush Mini or conventional flushing.

SPIRALFLUSH®

System product code	Casing OD		Max wall		Ring bit ID		Ring bit OD		Pilot bit OD		Recommended hammer
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
DT114-10-92-80	114.3	4.5"	10	0.39"	80	2.99"	130	5.12"	92	3.50"	MP30-DH
DT1127-10-105-87	127	5"	10	0.39"	87	3.43"	145	5.71"	105	4.13"	MP30-DH
DT1140-10-114-100	139.7	5.5"	10	0.39"	102	3.94"	160	6.30"	114	4.49"	MP4H-MQ
DT1152-10-126-112	152.4	6"	10	0.39"	112	4.41"	172	6.77"	126	4.96"	MP4H-MQ
DT1159-10-133-118	158.8	6.25"	10	0.39"	118	4.65"	179	7.05"	133	5.24"	MP4H-MQ
DT1168-12.7-140-127	168.3	6.63"	12.7	0.5"	127	4.92"	189	7.44"	140	5.51"	MP50-MQ
DT1178-12.7-150-135	177.8	7"	12.7	0.5"	135	5.31"	199	7.83"	150	5.91"	MP50-MQ
DT1194-12.7-163-147	193.7	7.63"	12.7	0.5"	147	5.79"	221	8.70"	163	6.42"	MP60-MQ
DT1219-12.7-188-171	219.1	8.63"	12.7	0.5"	171	6.73"	243	9.57"	188	7.40"	MP70-MC-D160
DT1244-12.7-214-194	244.5	9.63"	12.7	0.5"	194	7.64"	269	10.59"	214	8.43"	MP80-MQ
DT1254-12.7-224-204	254	10"	12.7	0.5"	204	8.03"	279	10.98"	224	9.61"	MP80-MQ
DT1273-12.7-243-222	273	10.74"	12.7	0.5"	222	8.74"	299	11.77"	243	9.57"	MP80-MQ
DT1301-12.7-272-250	301.6	11.87"	12.7	0.5"	250	9.84"	330	12.99"	272	10.71"	MP80-MQ
DT1323-12.7-294-272	323.9	12.74"	12.7	0.5"	272	10.71"	352	13.86"	294	11.57"	MP100-MC
DT1339-14.2-308-286	339.7	13.37"	14.2	0.56"	286	11.26"	368	14.49"	308	12.13"	MP100-MC
DT1355-14.2-324-300	355.6	14"	14.2	0.56"	300	11.81"	384	15.12"	324	12.76"	MP100-MC
DT1406-16-370-346	406.4	16"	16	0.63"	346	13.62"	443	17.44"	370	14.57"	MP120-MC
DT1457-16-420-393	457.2	18"	16	0.63"	393	15.47"	489	19.25"	420	16.54"	MP120-MC
DT1508-16-463-442	508	20"	16	0.63"	442	17.40"	542	21.34"	463	18.23"	MP150-MC
DT1559-16-521-490	558.8	22"	16	0.63"	490	19.29"	593	23.35"	521	20.51"	MP150-MC
DT1610-16-564-540	609.6	24"	16	0.63"	540	21.26"	644	25.35"	564	22.20"	MP180-MQ
DT1660-20-605-580	660.4	26"	20	0.79"	580	22.83"	700	27.56"	605	23.82"	MP180-MQ
DT1711-20-656-625	711.2	28"	20	0.79"	625	24.61"	753	29.65"	656	25.83"	MP240-MQ
DT1762-20-707-672	762	30"	20	0.79"	672	26.46"	804	31.65"	707	27.83"	MP240-MQ
DT1813-20-758-720	812.8	32"	20	0.79"	720	28.35"	855	33.66"	758	29.84"	MP240-MQ
DT1863-20-808-770	863.6	34"	20	0.79"	770	30.32"	905	35.63"	808	31.81"	MP240-MQ
DT1914-20-859-818	914.4	36"	20	0.79"	818	32.20"	958	37.72"	859	33.82"	MP240-MQ
DT1016-20-960-916*	1016	40"	20	0.79"	916	36.06"	1060	41.73"	960	37.80"	MP340
DT1067-20-1010-952*	1066.8	42"	20	0.79"	952	37.48"	1112	43.78"	1010	39.76"	MP340
DT11219-22-1161-1101*	1219.2	48"	22	0.87"	1101	43.35"	1268	49.92"	1161	45.71"	MP340
DT11321-25-1260-1205*	1320.8	52"	25	1"	1205	47.44"	1378	54.25"	1260	49.61"	MP400
DT11422-25-1360-1305*	1422.4	56"	25	1"	1305	51.38"	1478	58.19"	1360	53.54"	MP400
DT11524-25-1466-1405*	1524	60"	25	1"	1405	55.31"	1578	62.13"	1466	57.72"	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.