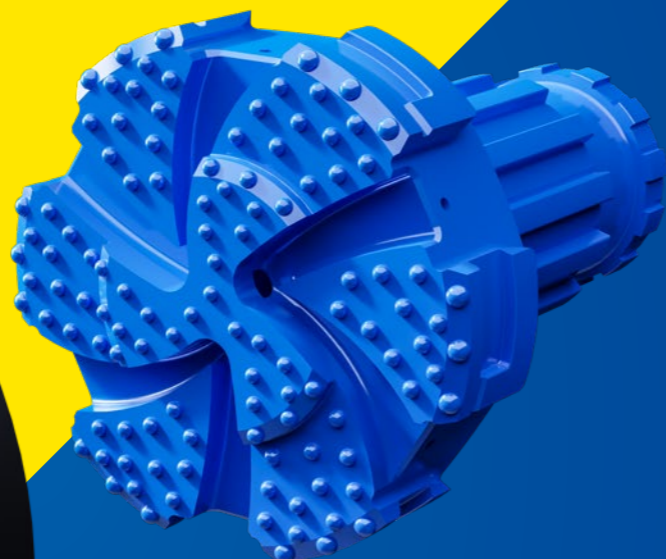


DRILL THROUGH SYSTEM



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 ring bit set.

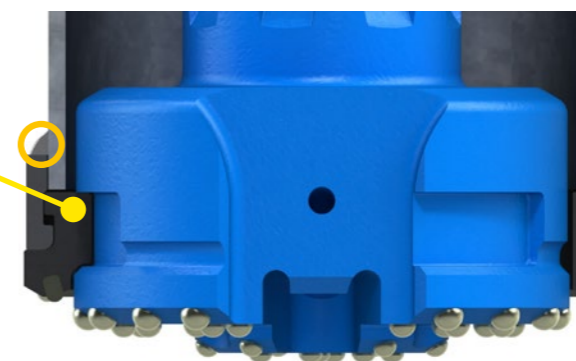
MAIN APPLICATIONS

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



DRILL THROUGH SYSTEM 114–1 524 mm

Easy locking with single shoulder design



Casing shoe and ring bit are integrated

○ = Welding spot

System is available from 114 to 1 524 mm casings and for all major shank designs.

SPIRAF_{FLUSH}®

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
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	8.00"	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"	MP60-MQ
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"	438	17.24"	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
DTI610-20-564-540	609.6	24"	20	0.79"	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*	1 016	40"	20	0.79"	916	36.06"	1 060	41.73"	960	37.80"	MP340
DTI1066-20-1010-952*	1 066.8	42"	20	0.79"	952	37.48"	1 112	43.78"	1 010	39.76"	MP340
DTI1219-22-1161-1101*	1 219.2	48"	22	0.87"	1 101	43.35"	1 268	49.92"	1 161	45.71"	MP340
DTI1321-25-1260-1205*	1 320.8	52"	25	1"	1 205	47.44"	1 378	54.25"	1 260	49.61"	MP400
DTI1422-25-1360-1305*	1 422.4	56"	25	1"	1 305	51.38"	1 478	58.19"	1 360	53.54"	MP400
DTI1524-25-1466-1405*	1 524	60"	25	1"	1 405	55.31"	1 578	62.13"	1 466	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.