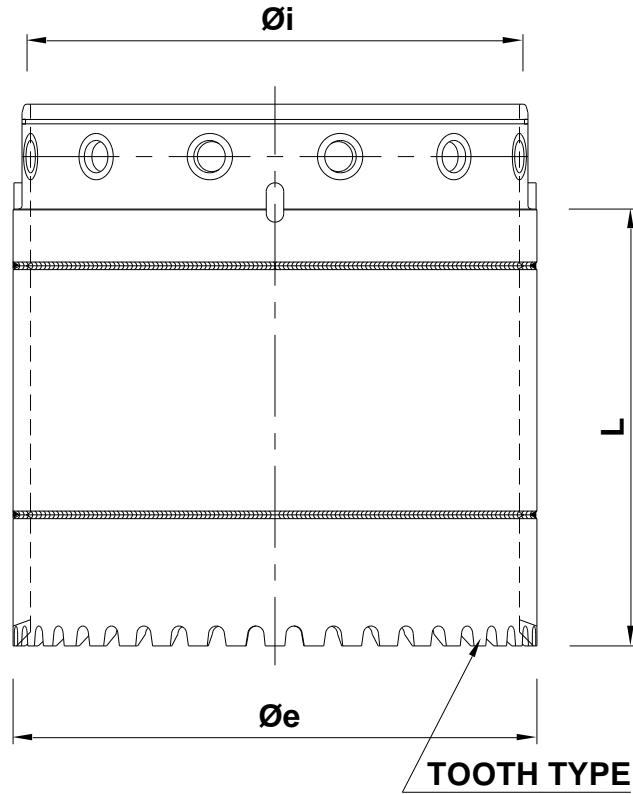
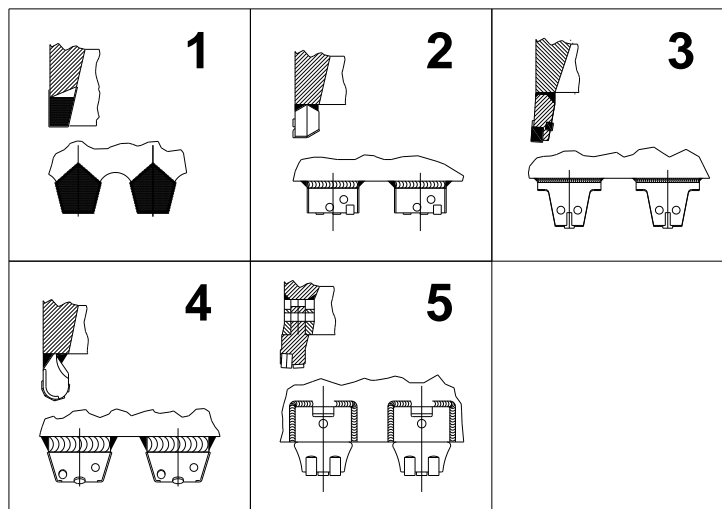


CUTTING SHOES FOR CASING PIPES
SCARPE PER TUBI FORMA



TOOTH TYPE

TIPOLOGIA DEI DENTI



CATTING SHOES – Technical Data

Descriptions	ref.	u/mis.														
Outside diameter	Øe	mm	600	700	800	900	1000	1200	1300	1500	1500	1600	1800	2000	2200	2500
Inside diameter	Øi	mm	520	620	720	820	920	1120	1220	1420	1400	1500	1680	1880	2080	2260
Tooth type	1	N°	15	18	21	24	27	30	33	36	36	39	45	51	54	63
Tooth type	2	N°	15	18	21	24	27	30	33	36	36	39	45	51	54	63
Tooth type	3	N°	12	15	18	21	24	27	30	33	33	39	42	48	51	60
Tooth type	4	N°	9	9	12	12	15	18	18	21	21					
Tooth type	5	N°	/	/	/	/	/	/	/	/	/	24	27	30	33	39

The above specifications are indicative only and in no way binding. The right is reserved to alter the data without prior notice

Description	ref.	use and applications
Tooth type	1	Detritus –type soils such as sand, gravel, broken stones, rock strata, boulders, foundation remnants ect. Robust teeth flame-cut from full, with narrows tooth spaces. The teeth are provided with a special hard facing – hardness ≥ 600 HB
Tooth type	2	Detritus –type soils such as sand, gravel, broken stones, rock strata, boulders, foundation remnants ect. Robust body with bottoms made of tungsten carbide.
Tooth type	3	Universal applications, also for rocky ground and construction of pile walls. Robust body with bottoms made of tungsten carbide.
Tooth type	4	Detritus-type soils and rocks, construction of pile walls. Robust body with bottoms made of tungsten carbide.
Tooth type	5	Detritus-type soils and rocks, construction of pile walls. Heavy duty body with bottoms made of tungsten carbide.

PRINCIPALS DESCRIPTION

Cutting shoes have to conform to the soil layers to be bored through. Practical experience has shown that continuous turning of the casing compatible to the excavation of soil can only operate if the pressure on the casing, the shape of teeth and the corresponding free cut are properly chosen.

The requirements for the design of the cutting teeth depend on the type and hardness of the ground. Continuous development and experience have resulted in the following cutting shoe types:

- tooth type 1 (see the table);
- tooth type 2 (see the table);
- tooth type 3 (see the table);
- tooth type 4 (see the table);
- tooth type 5 (see the table).
- Cutting shoes can be supplied with half male joint, length standard 500 mm.

