

KenDrill™ Micro

Solid Carbide Deep-Hole Drilling

Materials



Applications



Drilling



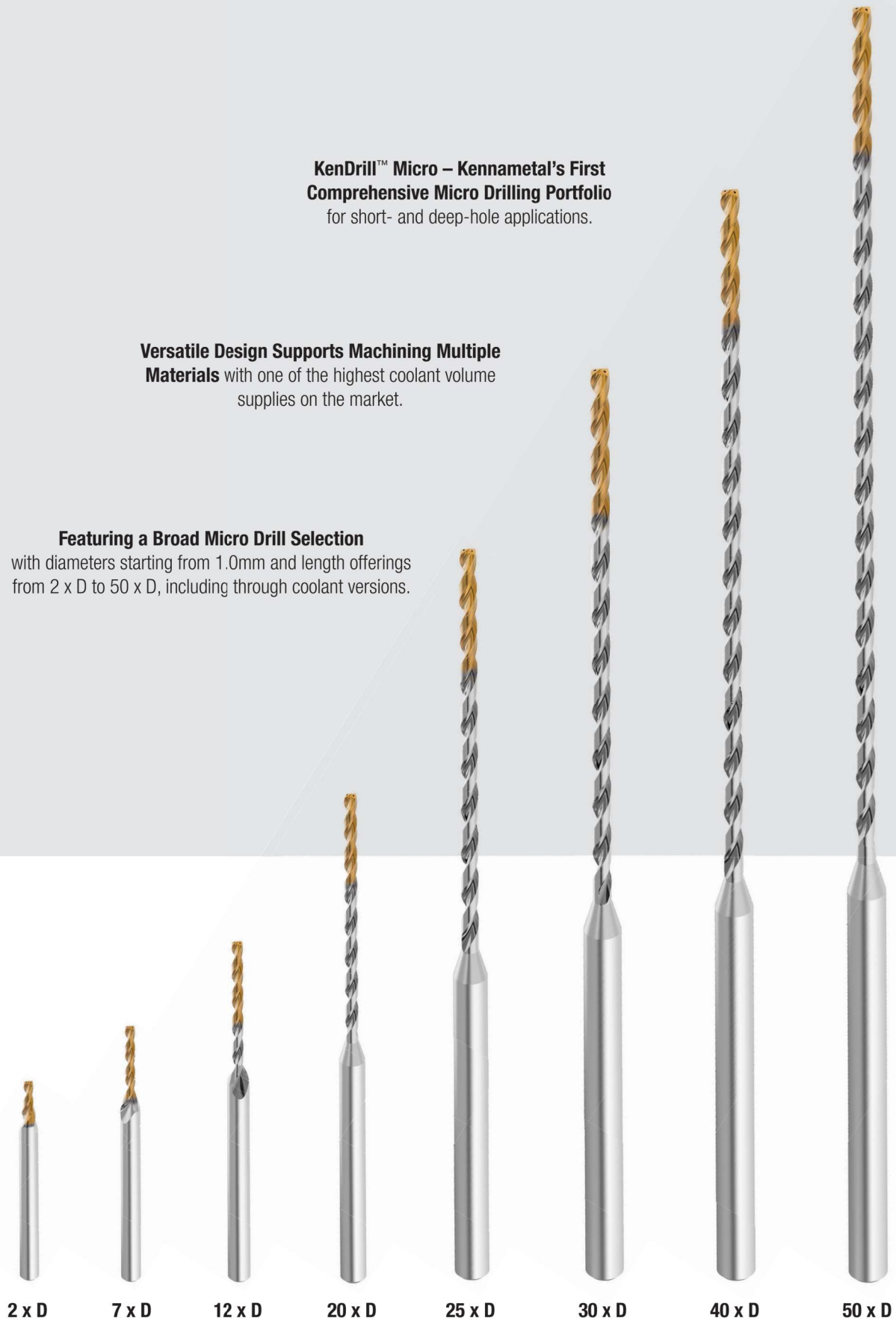
KenDrill Micro delivers powerful coolant supply to improve chip evacuation and avoid frustrating tool breakages. With a reliable drill design that reduces cutting forces and optimizes chip flow, you can expect process consistency.

KenDrill Micro supports machining many materials, providing versatility on the shop floor. This small diameter solid carbide drill will bring a new level of accuracy and longevity to small-part machining.

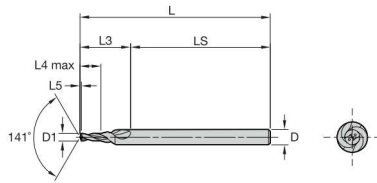
**KenDrill™ Micro – Kennametal's First
Comprehensive Micro Drilling Portfolio**
for short- and deep-hole applications.

**Versatile Design Supports Machining Multiple
Materials** with one of the highest coolant volume
supplies on the market.

Featuring a Broad Micro Drill Selection
with diameters starting from 1.0mm and length offerings
from 2 x D to 50 x D, including through coolant versions.



KenDrill™ Micro • 2 x D • Internal Coolant • Straight Shank • Metric

NEW!

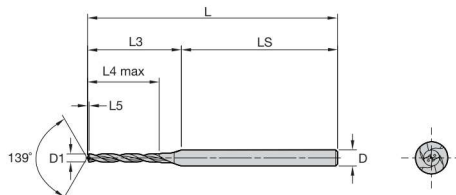
● first choice

○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7070756	B068A01000	1,00	50	9	2	0,2	41	4	●
7070757	B068A01100	1,10	50	9	2	0,2	41	4	●
7070758	B068A01200	1,20	50	10	3	0,2	41	4	●
7070759	B068A01300	1,30	50	10	3	0,2	40	4	●
7070760	B068A01400	1,40	50	10	3	0,2	40	4	●
7070761	B068A01500	1,50	50	11	3	0,3	39	4	●
7070762	B068A01600	1,60	50	11	4	0,3	39	4	●
7070763	B068A01700	1,70	50	12	4	0,3	38	4	●
7070764	B068A01800	1,80	50	12	4	0,3	38	4	●
7070765	B068A01900	1,90	50	12	4	0,3	38	4	●
7070766	B068A02000	2,00	50	13	4	0,4	37	4	●
7070767	B068A02100	2,10	50	13	5	0,4	37	4	●
7070768	B068A02200	2,20	50	14	5	0,4	36	4	●
7070769	B068A02300	2,30	55	14	5	0,4	41	4	●
7070770	B068A02400	2,40	55	15	5	0,4	40	4	●
7070771	B068A02500	2,50	55	15	5	0,4	40	4	●
7070772	B068A02600	2,60	55	16	6	0,5	40	4	●
7070773	B068A02700	2,70	55	16	6	0,5	39	4	●
7070774	B068A02800	2,80	55	16	6	0,5	39	4	●
7070775	B068A02900	2,90	55	17	6	0,5	38	4	●

KenDrill Micro • 7 x D • Internal Coolant • Straight Shank • Metric

NEW!

● first choice

○ alternate choice

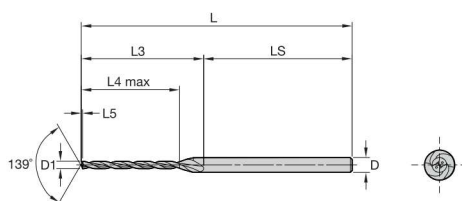
P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7070643	B070A01000	1,00	55	14	7	0,2	41	4	●
7070644	B070A01100	1,10	55	15	8	0,2	40	4	●
7070645	B070A01200	1,20	55	16	9	0,2	40	4	●
7070646	B070A01300	1,30	55	16	9	0,2	39	4	●
7070647	B070A01400	1,40	55	17	10	0,3	38	4	●
7070648	B070A01500	1,50	55	18	11	0,3	37	4	●
7070649	B070A01600	1,60	57	19	12	0,3	38	4	●
7070650	B070A01700	1,70	57	20	12	0,3	37	4	●
7070661	B070A01800	1,80	59	21	13	0,3	38	4	●
7070662	B070A01900	1,90	59	22	14	0,4	37	4	●
7070663	B070A02000	2,00	62	23	14	0,4	39	4	●
7070664	B070A02100	2,10	62	24	15	0,4	38	4	●
7070665	B070A02200	2,20	62	25	16	0,4	37	4	●
7070666	B070A02300	2,30	65	26	17	0,4	39	4	●
7070667	B070A02400	2,40	65	27	17	0,4	38	4	●
7070668	B070A02500	2,50	65	28	18	0,5	37	4	●
7070669	B070A02600	2,60	65	29	19	0,5	37	4	●
7070670	B070A02700	2,70	68	29	19	0,5	39	4	●
7070681	B070A02800	2,80	68	30	20	0,5	38	4	●
7070682	B070A02900	2,90	68	31	21	0,5	37	4	●

117-119	120	40-41	124

KenDrill™ Micro • 12 x D • Internal Coolant • Straight Shank • Metric

NEW!



● first choice

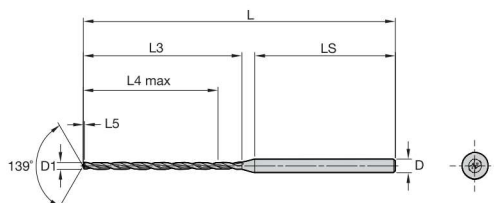
○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	●

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7070685	B071A01000	1,00	58	19	12	0,2	39	4	●
7070686	B071A01100	1,10	58	20	13	0,2	38	4	●
7070687	B071A01200	1,20	60	22	15	0,2	39	4	●
7070688	B071A01300	1,30	60	23	16	0,2	37	4	●
7070689	B071A01400	1,40	63	24	17	0,3	39	4	●
7070690	B071A01500	1,50	63	26	18	0,3	37	4	●
7070701	B071A01600	1,60	66	27	20	0,3	39	4	●
7070702	B071A01700	1,70	66	29	21	0,3	37	4	●
7070703	B071A01800	1,80	69	30	22	0,3	39	4	●
7070704	B071A01900	1,90	69	32	23	0,4	38	4	●
7070705	B071A02000	2,00	73	33	24	0,4	40	4	●
7070706	B071A02100	2,10	73	34	26	0,4	39	4	●
7070707	B071A02200	2,20	73	36	27	0,4	37	4	●
7070708	B071A02300	2,30	78	37	28	0,4	41	4	●
7070709	B071A02400	2,40	78	39	29	0,4	39	4	●
7070710	B071A02500	2,50	78	40	31	0,5	38	4	●
7070711	B071A02600	2,60	78	42	32	0,5	37	4	●
7070712	B071A02700	2,70	83	43	33	0,5	40	4	●
7070713	B071A02800	2,80	83	44	34	0,5	39	4	●
7070714	B071A02900	2,90	83	46	35	0,5	37	4	●

KenDrill Micro • 20 x D • Internal Coolant • Straight Shank • Metric

NEW!



● first choice

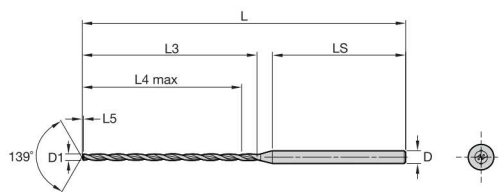
○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	●

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7070776	B072A01000	1,00	67	23	20	0,2	38	4	●
7070777	B072A01100	1,10	67	26	22	0,2	36	4	●
7070778	B072A01200	1,20	71	28	24	0,2	38	4	●
7070779	B072A01300	1,30	71	30	26	0,2	36	4	●
7070780	B072A01400	1,40	75	33	28	0,3	38	4	●
7070801	B072A01500	1,50	75	35	30	0,3	36	4	●
7070802	B072A01600	1,60	79	37	32	0,3	37	4	●
7070803	B072A01700	1,70	79	39	34	0,3	35	4	●
7070804	B072A01800	1,80	84	42	36	0,3	38	4	●
7070805	B072A01900	1,90	84	44	38	0,4	36	4	●
7070806	B072A02000	2,00	91	46	40	0,4	41	4	●
7070807	B072A02100	2,10	91	49	42	0,4	39	4	●
7070808	B072A02200	2,20	91	51	44	0,4	37	4	●
7070809	B072A02300	2,30	98	53	46	0,4	42	4	●
7070810	B072A02400	2,40	98	56	48	0,4	39	4	●
7070811	B072A02500	2,50	98	58	51	0,5	37	4	●
7070812	B072A02600	2,60	98	60	53	0,5	35	4	●
7070813	B072A02700	2,70	107	63	55	0,5	42	4	●
7070814	B072A02800	2,80	107	65	57	0,5	40	4	●
7070815	B072A02900	2,90	107	67	59	0,5	38	4	●

117-119	120	40-41	124

KenDrill™ Micro • 25 x D • Internal Coolant • Straight Shank • Metric

NEW!

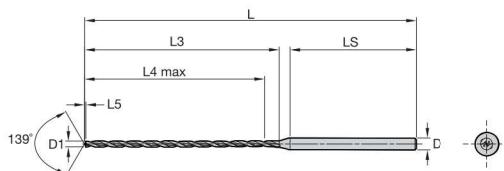
● first choice

○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7071037	B073A01000	1,00	73	28	25	0,2	39	4	●
7071038	B073A01100	1,10	73	31	28	0,2	37	4	●
7071039	B073A01200	1,20	77	34	30	0,2	38	4	●
7071040	B073A01300	1,30	77	37	33	0,2	35	4	●
7071041	B073A01400	1,40	82	40	35	0,3	38	4	●
7071042	B073A01500	1,50	82	42	38	0,3	35	4	●
7071043	B073A01600	1,60	88	45	40	0,3	38	4	●
7071044	B073A01700	1,70	88	48	43	0,3	36	4	●
7071045	B073A01800	1,80	94	51	45	0,3	39	4	●
7071046	B073A01900	1,90	94	54	48	0,4	37	4	●
7071047	B073A02000	2,00	102	56	50	0,4	42	4	●
7071048	B073A02100	2,10	102	59	53	0,4	39	4	●
7071049	B073A02200	2,20	102	62	55	0,4	37	4	●
7071050	B073A02300	2,30	111	65	58	0,4	43	4	●
7071051	B073A02400	2,40	111	68	60	0,4	40	4	●
7071052	B073A02500	2,50	111	71	63	0,5	38	4	●
7071053	B073A02600	2,60	111	73	66	0,5	35	4	●
7071054	B073A02700	2,70	122	76	68	0,5	44	4	●
7071055	B073A02800	2,80	122	79	71	0,5	41	4	●
7071056	B073A02900	2,90	122	82	73	0,5	38	4	●

KenDrill Micro • 30 x D • Internal Coolant • Straight Shank • Metric

NEW!

● first choice

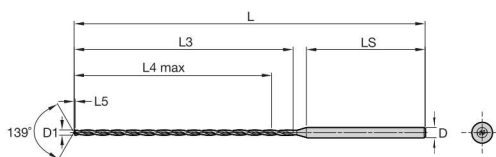
○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7070857	B074A01000	1,00	79	33	30	0,2	40	4	●
7070858	B074A01100	1,10	79	37	33	0,2	37	4	●
7070859	B074A01200	1,20	84	40	36	0,2	39	4	●
7070860	B074A01300	1,30	84	43	39	0,2	36	4	●
7071021	B074A01400	1,40	90	47	42	0,3	39	4	●
7071022	B074A01500	1,50	90	50	45	0,3	36	4	●
7071023	B074A01600	1,60	99	53	48	0,3	41	4	●
7071024	B074A01700	1,70	99	56	51	0,3	38	4	●
7071025	B074A01800	1,80	104	60	54	0,3	40	4	●
7071026	B074A01900	1,90	104	63	57	0,4	37	4	●
7071027	B074A02000	2,00	113	66	60	0,4	43	4	●
7071028	B074A02100	2,10	113	70	63	0,4	40	4	●
7071029	B074A02200	2,20	113	73	66	0,4	37	4	●
7071030	B074A02300	2,30	124	76	69	0,4	45	4	●
7071031	B074A02400	2,40	124	80	72	0,4	41	4	●
7071032	B074A02500	2,50	124	83	76	0,5	38	4	●
7071033	B074A02600	2,60	124	86	79	0,5	35	4	●
7071034	B074A02700	2,70	137	90	82	0,5	45	4	●
7071035	B074A02800	2,80	137	93	85	0,5	42	4	●
7071036	B074A02900	2,90	137	96	88	0,5	39	4	●

117-119	120	40-41	124

KenDrill™ Micro • 40 x D • Internal Coolant • Straight Shank • Metric

NEW!

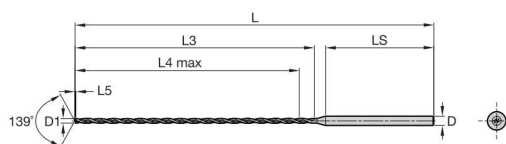
● first choice

○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7071017	B075A01000	1,00	90	43	40	0,2	41	4	●
7071018	B075A01100	1,10	90	48	44	0,2	37	4	●
7071019	B075A01200	1,20	97	52	48	0,2	40	4	●
7071020	B075A01300	1,30	97	56	52	0,2	36	4	●
7071061	B075A01400	1,40	105	61	56	0,3	40	4	●
7071062	B075A01500	1,50	105	65	60	0,3	36	4	●
7071063	B075A01600	1,60	113	69	64	0,3	39	4	●
7071064	B075A01700	1,70	113	73	68	0,3	35	4	●
7071065	B075A01800	1,80	123	78	72	0,3	41	4	●
7071066	B075A01900	1,90	123	82	76	0,4	37	4	●
7071067	B075A02000	2,00	136	86	80	0,4	46	4	●
7071068	B075A02100	2,10	136	91	84	0,4	42	4	●
7071069	B075A02200	2,20	136	95	88	0,4	38	4	●
7071070	B075A02300	2,30	150	99	92	0,4	48	4	●
7071071	B075A02400	2,40	150	104	96	0,4	43	4	●
7071072	B075A02500	2,50	150	108	101	0,5	39	4	●
7071073	B075A02600	2,60	150	112	105	0,5	35	4	●
7071074	B075A02700	2,70	167	117	109	0,5	48	4	●
7071075	B075A02800	2,80	167	121	113	0,5	44	4	●
7071076	B075A02900	2,90	167	125	117	0,5	40	4	●

KenDrill Micro • 50 x D • Internal Coolant • Straight Shank • Metric

NEW!

● first choice

○ alternate choice

P	●
M	●
K	○
N	○
S	●
H	○

order number	catalogue number	D1	L	L3	L4 max	L5	LS	D	KCU10
7071077	B076A01000	1,00	102	53	50	0,2	43	4	●
7071078	B076A01500	1,50	120	80	75	0,3	36	4	●
7071079	B076A02000	2,00	158	106	100	0,4	48	4	●
7071080	B076A02500	2,50	176	133	126	0,5	40	4	●

117-119	120	40-41	124

KenDrill™ Micro • Application Data • Metric

Material Group	Cutting Speed — vc m/min			Feed rate (f) = mm/r by diameter				
	Min	Starting Value	Max	1,0	1,5	2,0	2,5	2,9
P								
0	30	65	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
1	30	65	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
2	30	65	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
3	30	65	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
4	30	65	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
5	20	60	100	0,015–0,030	0,020–0,045	0,025–0,060	0,030–0,075	0,034–0,087
6	20	60	100	0,015–0,030	0,020–0,045	0,025–0,060	0,030–0,075	0,034–0,087
M								
1	20	60	100	0,010–0,030	0,015–0,045	0,020–0,060	0,025–0,075	0,029–0,087
2	20	60	100	0,010–0,030	0,015–0,045	0,020–0,060	0,025–0,075	0,029–0,087
3	20	60	100	0,010–0,030	0,015–0,045	0,020–0,060	0,025–0,075	0,029–0,087
K								
1	40	70	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
2	40	70	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
3	40	70	100	0,020–0,040	0,030–0,050	0,040–0,080	0,050–0,100	0,058–0,116
N								
1	100	140	180	0,020–0,060	0,030–0,075	0,040–0,100	0,050–0,130	0,058–0,145
2	100	140	180	0,020–0,060	0,030–0,075	0,040–0,100	0,050–0,130	0,058–0,145
3	100	140	180	0,020–0,060	0,030–0,075	0,040–0,100	0,050–0,130	0,058–0,145
4	100	140	180	0,020–0,060	0,030–0,075	0,040–0,100	0,050–0,130	0,058–0,145
S								
1	10	30	50	0,010–0,020	0,015–0,030	0,020–0,040	0,025–0,050	0,029–0,058
2	10	30	50	0,010–0,020	0,015–0,030	0,020–0,040	0,025–0,050	0,029–0,058
3	10	30	50	0,010–0,020	0,015–0,030	0,020–0,040	0,025–0,050	0,029–0,058
4	10	30	50	0,010–0,030	0,015–0,045	0,020–0,060	0,025–0,075	0,029–0,087