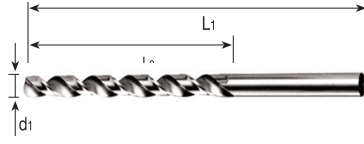


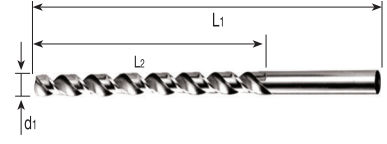
DIN 1869/1 HSS EKSTRA UZUN MATKAP

d1 (mm)	L1	L2
2.0	125	85
2.5	140	95
3.0	150	100
3.5	165	115
4.0	175	120
4.5	185	125
5.0	195	135
5.5	205	140
6.0	205	140
6.5	215	150
7.0	225	155
7.5	225	155
8.0	240	165
8.5	240	165
9.0	250	175
9.5	250	175
10.0	265	185
10.5	265	185
11.0	280	195
11.5	280	195
12.0	295	205
12.5	295	205
13.0	295	205



DIN 1869/2 HSS EKSTRA UZUN MATKAP

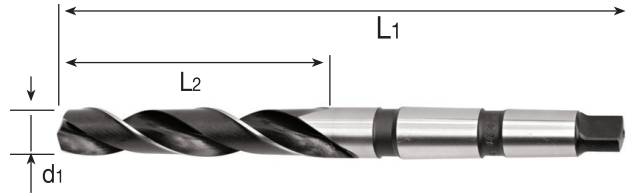
d1 (mm)	L1	L2
3.0	190	130
3.5	210	145
4.0	220	150
4.5	235	160
5.0	245	170
5.5	260	180
6.0	260	180
6.5	275	190
7.0	290	200
7.5	290	200
8.0	305	210
8.5	305	210
9.0	320	220
9.5	320	220
10.0	340	235
10.5	340	235
11.0	365	250
11.5	365	250
12.0	375	260
12.5	375	260
13.0	375	260



DIN 1869/3 HSS EKSTRA UZUN MATKAP

d1 (mm)	L1	L2
3.5	265	180
4.0	280	190
4.5	295	200
5.0	315	210
5.5	330	225
6.0	330	225
6.5	350	235
7.0	370	250
7.5	370	250
8.0	390	265
8.5	390	265
9.0	410	280
9.5	410	280
10.0	430	295
10.5	430	295
11.0	455	310
11.5	455	310
12.0	480	330
12.5	480	330
13.0	480	330

**DIN 345
HSS MORS KONİK SAPLI
MATKAP UCU**



d1 (mm)	L1	L2
8.0	156	75
8.5	156	75
9.0	162	81
9.5	162	81
10.0	168	87
10.5	168	87
11.0	175	94
11.5	175	94
12.0	182	101
12.5	182	101
13.0	182	101
13.5	189	108
14.0	189	108
14.5	212	114
15.0	212	114
15.5	218	120
16.0	218	120
16.5	223	125
17.0	223	125
17.5	228	130
18.0	228	130
18.5	233	135
19.0	233	135
19.5	238	140
20.0	238	140

d1 (mm)	L1	L2
20.5	243	145
21.0	243	145
21.5	248	150
22.0	248	150
22.5	253	155
23.0	253	155
23.5	276	155
24.0	281	160
24.5	281	160
25.0	281	160
25.5	286	165
26.0	286	165
26.5	286	165
27.0	291	170
27.5	291	170
28.0	291	170
28.5	296	175
29.0	296	175
29.5	296	175
30.0	296	175
30.5	301	180
31.0	301	180
31.5	301	180
32.0	334	185
32.5	334	185

d1 (mm)	L1	L2
33.0	334	185
33.5	334	185
34.0	339	190
34.5	339	190
35.0	339	190
35.5	339	190
36.0	344	195
36.5	344	195
37.0	344	195
37.5	344	195
38.0	349	200
38.5	349	200
39.0	349	200
39.5	349	200
40.0	349	205
41.0	354	205
42.0	354	205
43.0	359	210
44.0	359	210
45.0	359	210
46.0	364	215
47.0	364	215
48.0	369	220
49.0	369	220
50.0	369	220