

ALP20D

High Performance
ALP CORE 20D



General Engineering

Mold & Die

Automotive

Defence

Rail Systems

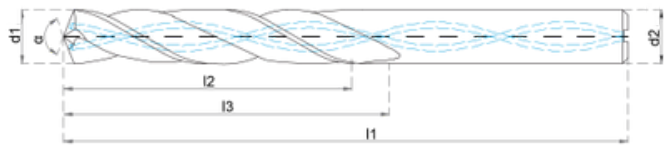
Cutting Parameters Vc(m/min)

Unalloyed Steel	95	●
Steel	95	●
Tempered Steel	85	●
Hot Work Tool Steel	70	○
AISI 304 - 416 - 420	50	○
AISI 316 - 440	50	○
17-4 PH 15-5 PH	45	○
Chrome-Cobalt Alloy	45	○
Duplex F51	35	○
Super Duplex F55	35	○
Gray Cast	100	●
Alloyed Cast	95	●
Precision Cast	95	●

Feed Per Revolution (mm/rev)

Ø	
2-3	0,05-0,15
3-5	0,08-0,23
5-8	0,12-0,335
8-12	0,15-0,425

● Recommended ○ Acceptable ○ Not Recommended



α 135°

+TiAIN



FORM HA DIN 6535



Order No	Code	d1	d2	l1	l2	l3
58000441	AP20D-0040092-58000441	2	4	92	47	50
58000443	AP20D-0040092-58000443	2,2	4	92	47	50
58000445	AP20D-0040092-58000445	2,3	4	92	47	50
58000447	AP20D-0040112-58000447	2,4	4	112	66	70
58000449	AP20D-0040112-58000449	2,5	4	112	66	70
58000451	AP20D-0040112-58000451	2,7	4	112	66	70
58000453	AP20D-0040112-58000453	2,8	4	112	66	70
58000455	AP20D-0060120-58000455	3	6	120	75	80
58000457	AP20D-0060120-58000457	3,2	6	120	75	80
58000459	AP20D-0060120-58000459	3,3	6	120	75	80
58000461	AP20D-0060120-58000461	3,5	6	120	75	80
58000463	AP20D-0060130-58000463	3,8	6	130	84	90
58000465	AP20D-0060130-58000465	4	6	130	84	90
58000467	AP20D-0060160-58000467	4,2	6	160	103	110
58000469	AP20D-0060160-58000469	4,5	6	160	103	110
58000471	AP20D-0060160-58000471	4,8	6	160	113	120
58000473	AP20D-0060160-58000473	5	6	160	113	120
58000475	AP20D-0060185-58000475	5,5	6	185	131	140
58000477	AP20D-0060185-58000477	5,8	6	185	131	140
58000479	AP20D-0060185-58000479	6	6	185	131	140
58000481	AP20D-0080210-58000481	6,5	8	210	150	160
58000483	AP20D-0080210-58000483	6,8	8	210	150	160
58000485	AP20D-0080210-58000485	7	8	210	150	160
58000487	AP20D-0080230-58000487	7,5	8	230	168	180
58000489	AP20D-0080230-58000489	7,8	8	230	168	180
58000491	AP20D-0080230-58000491	8	8	230	168	180
58000493	AP20D-0100260-58000493	8,5	10	260	182	195
58000495	AP20D-0100290-58000495	8,8	10	290	216	230
58000497	AP20D-0100290-58000497	9	10	290	216	230
58000499	AP20D-0100290-58000499	9,8	10	290	216	230
58000501	AP20D-0100290-58000501	10	10	290	216	230
58000503	AP20D-0120315-58000503	10,2	12	315	251	268
58000505	AP20D-0120315-58000505	10,8	12	315	251	268
58000507	AP20D-0120315-58000507	11,8	12	315	251	268
58000509	AP20D-0120315-58000509	12	12	315	251	268

BOHRAX

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* Marked products can be delivered quickly from stock.