

ADX

Tool Material:	HSS	HSS	HSS-E
Standard:	DIN 1897	DIN 338	DORMER
Depth of Cut:	2.5XD	4XD	5XD
Point Style:	130°	130°	130°
Finish/Coating:	TiN	TiN	TiAlN Top
Shank:			DIN 6535HA
Flute Form:			
Direction of Cut:			
Coolant Through:			
Style:	A520	A510	A553
Range:	3.00 - 13.00	3.00 - 14.00	5.00 - 20.00
Page #	49	56	59
1.1	187M	187M	279L
1.2	154M	154M	230L
1.3	131K	131K	197L
1.4	105I	98H	148H
1.5	69G	69F	92F
1.6	36E	36D	49D
1.7			
1.8			
2.1	98I	92G	131G
2.2	52I	46I	62I
2.3	66G	62G	89G
2.4			
3.1	157M	138K	230K
3.2	121K	105J	164J
3.3	98J	92J	148J
3.4	85F	82F	138F
4.1	112I	105G	148G
4.2	66G	66H	98E
4.3	13B	13B	26C
5.1	56I	56I	82I
5.2	36G	30E	49E
5.3	23E	20E	33G
6.1	131E	131D	230G
6.2	164I	164I	279I
6.3	148K	148I	262I
6.4	66F	66F	115G
7.1	180I	164G	230H
7.2	164M	164M	328M
7.3	121K	102I	180I
7.4	115I	108I	180J
8.1	213G	213G	295G
8.2	164G	164G	
8.3	115F	115F	
9.1			
10.1			

How To Use This Chart:

1. Determine your Workpiece Material from the Application Material Groups (AMG) below.

2. Use the Icons to find Product Features.

3. Find the Surface Feet Per Minute (SFM) and Alpha Code

example: 361W

361 = SFM

W = Alpha Code used to find your Feed Rate

Feed Rate Chart - Drills

Alpha Code	Feed in Inches per Revolution (IPR) ± 25%																Ø Diameter			
	1mm/1/32"	2mm/3/32"	3mm/1/8"	4mm/5/32"	5mm/3/16"	6mm/1/4"	8mm/5/16"	10mm/3/8"	12mm/1/2"	15mm/9/16"	16mm/5/8"	20mm/3/4"	25mm/1"	30mm/1.1/8"	40mm/1.5/8"	50mm/2"				
A	0.0004	0.0009	0.0011	0.0013	0.0014	0.0017	0.0021	0.0024	0.0027	0.0032	0.0034	0.0043	0.0049	0.0053	0.0061	0.0069				
B	0.0006	0.0011	0.0015	0.0016	0.0018	0.0021	0.0026	0.0031	0.0035	0.0041	0.0043	0.0053	0.0060	0.0065	0.0074	0.0082				
C	0.0006	0.0013	0.0017	0.0020	0.0022	0.0025	0.0031	0.0039	0.0043	0.0049	0.0051	0.0063	0.0071	0.0077	0.0087	0.0094				
D	0.0006	0.0015	0.0021	0.0024	0.0027	0.0031	0.0039	0.0047	0.0051	0.0059	0.0061	0.0074	0.0083	0.0090	0.0100	0.0108				
E	0.0007	0.0017	0.0024	0.0028	0.0031	0.0037	0.0045	0.0055	0.0059	0.0068	0.0071	0.0085	0.0094	0.0102	0.0112	0.0122				
F	0.0007	0.0020	0.0029	0.0033	0.0037	0.0043	0.0054	0.0065	0.0070	0.0080	0.0083	0.0098	0.0108	0.0116	0.0126	0.0135				
G	0.0007	0.0022	0.0033	0.0038	0.0043	0.0050	0.0063	0.0075	0.0081	0.0091	0.0094	0.0110	0.0122	0.0130	0.0140	0.0148				
H	0.0008	0.0026	0.0040	0.0046	0.0051	0.0059	0.0075	0.0090	0.0096	0.0107	0.0110	0.0126	0.0140	0.0148	0.0157	0.0165				
I	0.0008	0.0030	0.0047	0.0053	0.0059	0.0068	0.0087	0.0104	0.0110	0.0122	0.0126	0.0142	0.0157	0.0165	0.0173	0.0181				
J	0.0009	0.0033	0.0053	0.0060	0.0067	0.0078	0.0098	0.0117	0.0124	0.0137	0.0142	0.0159	0.0175	0.0183	0.0191	0.0198				
K	0.0010	0.0036	0.0059	0.0067	0.0075	0.0087	0.0110	0.0130	0.0138	0.0153	0.0157	0.0177	0.0193	0.0201	0.0209	0.0215				
L	0.0011	0.0040	0.0065	0.0073	0.0082	0.0094	0.0120	0.0142	0.0152	0.0165	0.0169	0.0191	0.0207	0.0215	0.0224	0.0231				
M	0.0012	0.0043	0.0071	0.0080	0.0089	0.0102	0.0130	0.0154	0.0165	0.0177	0.0181	0.0205	0.0220	0.0228	0.0238	0.0248				
N	0.0013	0.0047	0.0077	0.0086	0.0095	0.0110	0.0140	0.0165	0.0179	0.0189	0.0193	0.0219	0.0234	0.0242	0.0253	0.0265				
S	0.0003	0.0006	0.0008	0.0010	0.0012	0.0015	0.0020	0.0031	0.0039	0.0048	0.0051	0.0059	0.0070	0.0070	0.0090					
T	0.0006	0.0011	0.0016	0.0020	0.0024	0.0028	0.0035	0.0043	0.0051	0.0063	0.0067	0.0075	0.0080	0.0090	0.0100					
U	0.0010	0.0019	0.0028	0.0031	0.0035	0.0042	0.0055	0.0067	0.0079	0.0088	0.0091	0.0094	0.0110	0.0120	0.0140					
V	0.0015	0.0027	0.0039	0.0045	0.0051	0.0060	0.0079	0.0098	0.0110	0.0122	0.0126	0.0134	0.0160	0.0170	0.0200					
W	0.0019	0.0035	0.0051	0.0059	0.0067	0.0079	0.0102	0.0130	0.0150	0.0165	0.0169	0.0177	0.0190	0.0190	0.0200					
X	0.0022	0.0041	0.0059	0.0071	0.0083	0.0098	0.0130	0.0165	0.0189	0.0210	0.0217	0.0228								
Y	0.0027	0.0049	0.0071	0.0087	0.0102	0.0125	0.0169	0.0217	0.0276	0.0276	0.0276	0.0291								
Z	0.0037	0.0068	0.0098	0.0128	0.0157	0.0210	0.0315	0.0394	0.0433	0.0463	0.0472	0.0472								

How To Use This Chart to Find Cutting Feed Rate (IPR):

1. Find your Alpha Code on the AMG Chart (example: 279 U : U is the Alpha Code)
2. Find the closest diameter for your cutting application on the chart to find your IPR

Application Material Groups (AMG)			Hardness HRC	ISO
1. Steel	1.1 Magnetic soft steel	12L14, 12L15	<120 HB	P 1
	1.2 Structural Steel/ case carburising steel	1005-1025, 1214, 1215, A36	<200 HB	P 1
	1.3 Plain Carbon steel	1030-1060, 1050-1060, 1144-1146	<24	P 2
	1.4 Alloy steel	4140,4340,52100,8620 H11-H41,A2,D2,01,P20,420	<24	P 3
	1.5 Alloy steel/ Hardened and tempered steel	4140,4340,52100,8620 H11-H41,A2,D2,01,P20,420	>24<38	P 4
	1.6 Alloy steel/ Hardened and tempered steel	4140,4340,52100,8620 H11-H41,A2,D2,01,P20,420	>38	H 1
	1.7 Alloy steel Hardened	A2-D2, H10-H41, L1-L6, M1-M42, T1	49-55	H 3
	1.8 Alloy steel Hardened	A2-D2, H10-H41, L1-L6, M1-M42, T1	55-63	H 4
2. Stainless Steel	2.1 Free machining Stainless Steel	200, 303, 416, 420F, 430F, 440	<24	M 1
	2.2 Austenitic	301, 302, 304, 316, 321, 330, CUSTOM 455, AM-350	<24	M 3
	2.3 Ferritic + Austenitic, Martensitic	318-329, 400-446, DUPLEX	<32	M 2
	2.4 Precipitation Hardened	15-5PH, Custom 450 17-4PH	<32	S 2
3. Cast Iron	3.1 Lamellar graphite	Grey, G10, Gg40, J431C, A48 CLASS 20	<150 HB	K 1
	3.2 Lamellar graphite	Grey, GG25-Gg40, J158, A48 CLASS 40-60	>150 HB<32	K 2
	3.3 Nodular graphite/ Malleable Cast Iron	A220, A436, A439, A602, Black, GGG40-GGG70	<200 HB	K 3
	3.4 Nodular graphite/ Malleable Cast Iron	Black Gts/Gtw, J434C	>200 HB<32	K 4
4. Titanium	4.1 Titanium, unalloyed	Commercially Pure	<200 HB	S 1
	4.2 Titanium, alloyed	6Al4V, 6Al4V-2Sn, Monel, Monel K	<28	S 2
	4.3 Titanium, alloyed	6Al4V-4Mo, 7Al4V-4Mo, 4911-4967	>28<38	S 3
5. Nickel	5.1 Nickel, unalloyed	Commercially Pure, 17644, 200, 5553	<150 HB	S 1
	5.2 Nickel, alloyed	Monel 400, Hastelloy C, Inconel 625, Waspaloy	<28	S 2
	5.3 Nickel, alloyed	Inconel 718, Nimonic 75-95, Rene 41, Inconel 825, A286	>28<38	S 3
6. Copper	6.1 Copper	Commercially Pure	<100 HB	N 3
	6.2 β-Brass, Bronze	314-340, 350-370	<200 HB	N 4
	6.3 α-Brass	Alloyed Cu + Al + Fe, Long Chipping	<200 HB	N 3
	6.4 High Strength Bronze	Ampco 18-25	<49	N 4
7. Aluminium Magnesium	7.1 Al, Mg, unalloyed	Commercially Pure	<100 HB	N 1
	7.2 Al alloyed, Si<0.5%	6061 T6, 7075, 314-340	<150 HB	N 1
	7.3 Al alloyed, Si>0.5%<10%	6061 T6, 380-390	<120 HB	N 1
	7.4 Al alloyed, Si>10% Mg alloys	Magnesium Whisker Reinforced	<120 HB	N 2
8. Synthetic Materials	8.1 Thermoplastics	Ultrad, Polystrol	---	O
	8.2 Thermosetting plastics	Bakelit, Pertinax	---	O
	8.3 Reinforced plastic materials	CFK, GFKAFK	---	O
9. Hard Mat.	9.1 Cermets (Metal-ceramics)	Ferrotic	<54	H
10. Graphite	10.1 Standard graphite		---	O



ADX SCREW MACHINE DRILL

Multi-Application, Screw Machine Length

A520

- 1.1
- 1.2
- 1.3
- 1.4
- 1.5
- 1.6
- 2.1
- 2.2
- 2.3
- 3.1
- 3.2
- 3.3
- 3.4
- 4.1
- 4.2
- 4.3
- 5.1
- 5.2
- 5.3
- 6.1
- 6.2
- 6.3
- 6.4
- 7.1
- 7.2
- 7.3
- 7.4
- 8.1
- 8.2
- 8.3

Low thrust design. Notched point improves chip formation for enhanced penetration rate. TiN coating increases wear resistance and improves tool life.

ADX

A520

DIN 1897

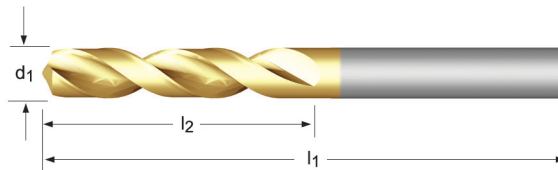
2.5XD

HSS

130°



3.00 - 13.00



d_1 $\varnothing h_8$ Inch	d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	Pack Qty	A520
	3.00	0.1181	16	46	1	0038901
	3.10	0.1220	18	49	1	0038918
1/8	3.18	0.1250	18	49	1	0171264
	3.20	0.1260	18	49	1	0038925
	3.30	0.1299	18	49	1	0038932
	3.40	0.1339	20	52	1	0038949
	3.50	0.1378	20	52	1	0038956
9/64	3.57	0.1406	20	52	1	0171271
	3.60	0.1417	20	52	1	0038963
	3.70	0.1457	20	52	1	0038970
	3.80	0.1496	22	55	1	0038987
	3.90	0.1535	22	55	1	0038994
5/32	3.97	0.1563	22	55	1	0171288
	4.00	0.1575	22	55	1	0039007
	4.10	0.1614	22	55	1	0039014
	4.20	0.1654	22	55	1	0039021
	4.30	0.1693	24	58	1	0039038
11/64	4.37	0.1719	24	58	1	0171295
	4.40	0.1732	24	58	1	0039045
	4.50	0.1772	24	58	1	0039052
	4.60	0.1811	24	58	1	0039069
	4.70	0.1850	24	58	1	0039076
3/16	4.76	0.1875	26	62	1	0171301
	4.80	0.1890	26	62	1	0039083
	4.90	0.1929	26	62	1	0039090
	5.00	0.1969	26	62	1	0039106
	5.10	0.2008	26	62	1	0039113
13/64	5.16	0.2031	26	62	1	0171318
	5.20	0.2047	26	62	1	0039120
	5.30	0.2087	26	62	1	0039137
	5.40	0.2126	28	66	1	0039144
	5.50	0.2165	28	66	1	0039151
7/32	5.56	0.2188	28	66	1	0171325

ADX SCREW MACHINE DRILL



d ₁ Øh ₃ Inch	d ₁ Øh ₃ mm	d ₁ decimal Inch	l ₂ mm	l ₁ mm	Pack Qty	A520
	5.60	0.2205	28	66	1	0039168
	5.70	0.2244	28	66	1	0039175
	5.80	0.2283	28	66	1	0039182
	5.90	0.2323	28	66	1	0039199
15/64	5.95	0.2344	28	66	1	0171332
	6.00	0.2362	28	66	1	0039205
	6.10	0.2402	31	70	1	0039212
	6.20	0.2441	31	70	1	0039229
	6.30	0.2480	31	70	1	0039236
1/4	6.35	0.2500	31	70	1	0171349
	6.40	0.2520	31	70	1	0039243
	6.50	0.2559	31	70	1	0039250
	6.60	0.2598	31	70	1	0039267
	6.70	0.2638	31	70	1	0039274
17/64	6.75	0.2656	34	74	1	0171356
	6.80	0.2677	34	74	1	0039281
	6.90	0.2717	34	74	1	0039298
	7.00	0.2756	34	74	1	0039304
	7.10	0.2795	34	74	1	0039311
9/32	7.14	0.2812	34	74	1	0171363
	7.20	0.2835	34	74	1	0039328
	7.30	0.2874	34	74	1	0039335
	7.40	0.2913	34	74	1	0039342
	7.50	0.2953	34	74	1	0039359
19/64	7.54	0.2969	37	79	1	0171370
	7.60	0.2992	37	79	1	0039366
	7.70	0.3031	37	79	1	0039373
	7.80	0.3071	37	79	1	0039380
	7.90	0.3110	37	79	1	0039397
5/16	7.94	0.3125	37	79	1	0171387
	8.00	0.3150	37	79	1	0039403
	8.10	0.3189	37	79	1	0039410
	8.20	0.3228	37	79	1	0039427
	8.30	0.3268	37	79	1	0039434
21/64	8.33	0.3281	37	79	1	0171394
	8.40	0.3307	37	79	1	0039441
	8.50	0.3346	37	79	1	0039458
	8.60	0.3386	40	84	1	0039465
	8.70	0.3425	40	84	1	0039472
11/32	8.73	0.3437	40	84	1	0171400
	8.80	0.3465	40	84	1	0039489
	8.90	0.3504	40	84	1	0039496
	9.00	0.3543	40	84	1	0039502
	9.10	0.3583	40	84	1	0039519
23/64	9.13	0.3594	40	84	1	0171417
	9.20	0.3622	40	84	1	0039526
	9.30	0.3661	40	84	1	0039533
	9.40	0.3701	40	84	1	0039540
	9.50	0.3740	40	84	1	0039557
3/8	9.52	0.3750	43	89	1	0171424
	9.60	0.3780	43	89	1	0039564
	9.70	0.3819	43	89	1	0039571
	9.80	0.3858	43	89	1	0039588
	9.90	0.3898	43	89	1	0039595
25/64	9.92	0.3906	43	89	1	0171431
	10.00	0.3937	43	89	1	0038598
	10.10	0.3976	43	89	1	0038604
	10.20	0.4016	43	89	1	0038611
	10.30	0.4055	43	89	1	0038628
13/32	10.32	0.4063	43	89	1	0171448
	10.40	0.4094	43	89	1	0038635
	10.50	0.4134	43	89	1	0038642
	10.60	0.4173	43	89	1	0038659
	10.70	0.4213	47	95	1	0038666
27/64	10.72	0.4219	47	95	1	0171455
	10.80	0.4252	47	95	1	0038673



ADX SCREW MACHINE DRILL

d_1 \varnothing_{h_8} Inch	d_1 \varnothing_{h_8} mm	d_1 decimal Inch	l_2 mm	l_1 mm	Pack Qty	A520
	10.90	0.4291	47	95	1	0038680
	11.00	0.4331	47	95	1	0038697
	11.10	0.4370	47	95	1	0038703
7/16	11.11	0.4375	47	95	1	0171462
	11.20	0.4409	47	95	1	0038710
	11.30	0.4449	47	95	1	0038727
	11.40	0.4488	47	95	1	0038734
	11.50	0.4528	47	95	1	0038741
29/64	11.51	0.4531	47	95	1	0171479
	11.60	0.4567	47	95	1	0038758
	11.70	0.4606	47	95	1	0038765
	11.80	0.4646	47	95	1	0038772
	11.90	0.4685	51	102	1	0038789
15/32	11.91	0.4688	51	102	1	0171486
	12.00	0.4724	51	102	1	0038796
	12.10	0.4764	51	102	1	0038802
	12.20	0.4803	51	102	1	0038819
	12.30	0.4843	51	102	1	0038826
31/64	12.30	0.4843	51	102	1	0171493
	12.40	0.4882	51	102	1	0038833
	12.50	0.4921	51	102	1	0038840
	12.60	0.4961	51	102	1	0038857
	12.70	0.5000	51	102	1	0038864
1/2	12.70	0.5000	51	102	1	0171509
	12.80	0.5039	51	102	1	0038871
	12.90	0.5079	51	102	1	0038888
	13.00	0.5118	51	102	1	0038895

ADX JOBBER LENGTH DRILL



Multi-Application, Jobber Length

A510

1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2
4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

Low thrust design. Notched point improves chip formation for enhanced penetration rate. TiN coating increases wear resistance and improves tool life.

ADX

A510

DIN
338

4XD

HSS

130°



3.00 - 14.00



d_1 Øh ₈ Inch	d_1 Øh ₈ mm	d_1 decimal Inch	l_2 mm	l_1 mm	Pack Qty	A510
	3.00	0.1181	33	61	1	0036495
	3.10	0.1220	36	65	1	0036501
1/8	3.18	0.1250	36	65	1	0168974
	3.20	0.1260	36	65	1	0036518
	3.30	0.1299	36	65	1	0036525
	3.40	0.1339	39	70	1	0036532
	3.50	0.1378	39	70	1	0036549
9/64	3.57	0.1406	39	70	1	0168981
	3.60	0.1417	39	70	1	0036556
	3.70	0.1457	39	70	1	0036563
	3.80	0.1496	43	75	1	0036570
	3.90	0.1535	43	75	1	0036587
5/32	3.97	0.1563	43	75	1	0168998
	4.00	0.1575	43	75	1	0036594
	4.10	0.1614	43	75	1	0036600
	4.20	0.1654	43	75	1	0036617
	4.30	0.1693	47	80	1	0036624
11/64	4.37	0.1719	47	80	1	0169001
	4.40	0.1732	47	80	1	0036631
	4.50	0.1772	47	80	1	0036648
	4.60	0.1811	47	80	1	0036655
	4.70	0.1850	47	80	1	0036662
3/16	4.76	0.1875	52	86	1	0169018
	4.80	0.1890	52	86	1	0036679
	4.90	0.1929	52	86	1	0036686
	5.00	0.1969	52	86	1	0036693
	5.10	0.2008	52	86	1	0036709
13/64	5.16	0.2031	52	86	1	0169025
	5.20	0.2047	52	86	1	0036716
	5.30	0.2087	52	86	1	0036723
	5.40	0.2126	57	93	1	0036730
	5.50	0.2165	57	93	1	0036747
7/32	5.56	0.2188	57	93	1	0169032

ADX JOBBER LENGTH DRILL

d_1 $\varnothing h_8$ Inch	d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	Pack Qty	A510
	5.60	0.2205	57	93	1	0036754
	5.70	0.2244	57	93	1	0036761
	5.80	0.2283	57	93	1	0036778
	5.90	0.2323	57	93	1	0036785
15/64	5.95	0.2344	57	93	1	0169049
	6.00	0.2362	57	93	1	0036792
	6.10	0.2402	63	101	1	0036808
	6.20	0.2441	63	101	1	0036815
	6.30	0.2480	63	101	1	0036822
1/4	6.35	0.2500	63	101	1	0169056
	6.40	0.2520	63	101	1	0036839
	6.50	0.2559	63	101	1	0036846
	6.60	0.2598	63	101	1	0036853
	6.70	0.2638	63	101	1	0036860
17/64	6.75	0.2656	69	109	1	0169063
	6.80	0.2677	69	109	1	0036877
	6.90	0.2717	69	109	1	0036884
	7.00	0.2756	69	109	1	0036891
	7.10	0.2795	69	109	1	0036907
9/32	7.14	0.2812	69	109	1	0169070
	7.20	0.2835	69	109	1	0036914
	7.30	0.2874	69	109	1	0036921
	7.40	0.2913	69	109	1	0036938
	7.50	0.2953	69	109	1	0036945
19/64	7.54	0.2969	75	117	1	0169087
	7.60	0.2992	75	117	1	0036952
	7.70	0.3031	75	117	1	0036969
	7.80	0.3071	75	117	1	0036976
	7.90	0.3110	75	117	1	0036983
5/16	7.94	0.3125	75	117	1	0169094
	8.00	0.3150	75	117	1	0036990
	8.10	0.3189	75	117	1	0037003
	8.20	0.3228	75	117	1	0037010
	8.30	0.3268	75	117	1	0037027
21/64	8.33	0.3281	75	117	1	0169100
	8.40	0.3307	75	117	1	0037034
	8.50	0.3346	75	117	1	0037041
	8.60	0.3386	81	125	1	0037058
	8.70	0.3425	81	125	1	0037065
11/32	8.73	0.3437	81	125	1	0169117
	8.80	0.3465	81	125	1	0037072
	8.90	0.3504	81	125	1	0037089
	9.00	0.3543	81	125	1	0037096
	9.10	0.3583	81	125	1	0037102
23/64	9.13	0.3594	81	125	1	0169124
	9.20	0.3622	81	125	1	0037119
	9.30	0.3661	81	125	1	0037126
	9.40	0.3701	81	125	1	0037133
	9.50	0.3740	81	125	1	0037140
3/8	9.52	0.3750	87	133	1	0169131
	9.60	0.3780	87	133	1	0037157
	9.70	0.3819	87	133	1	0037164
	9.80	0.3858	87	133	1	0037171
	9.90	0.3898	87	133	1	0037188
25/64	9.92	0.3906	87	133	1	0169148
	10.00	0.3937	87	133	1	0036174
	10.10	0.3976	87	133	1	0036181
	10.20	0.4016	87	133	1	0036198
	10.30	0.4055	87	133	1	0036204
13/32	10.32	0.4063	87	133	1	0169155
	10.40	0.4094	87	133	1	0036211
	10.50	0.4134	87	133	1	0036228
	10.60	0.4173	87	133	1	0036235
	10.70	0.4213	94	142	1	0036242
27/64	10.72	0.4219	94	142	1	0169162
	10.80	0.4252	94	142	1	0036259

ADX JOBBER LENGTH DRILL



d_1 $\varnothing h_8$ Inch	d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	Pack Qty	A510
	10.90	0.4291	94	142	1	0036266
	11.00	0.4331	94	142	1	0036273
	11.10	0.4370	94	142	1	0036280
7/16	11.11	0.4375	94	142	1	0169179
	11.20	0.4409	94	142	1	0036297
	11.30	0.4449	94	142	1	0036303
	11.40	0.4488	94	142	1	0036310
	11.50	0.4528	94	142	1	0036327
29/64	11.51	0.4531	94	142	1	0169186
	11.60	0.4567	94	142	1	0036334
	11.70	0.4606	94	142	1	0036341
	11.80	0.4646	94	142	1	0036358
	11.90	0.4685	101	151	1	0036365
15/32	11.91	0.4688	101	151	1	0169193
	12.00	0.4724	101	151	1	0036372
	12.10	0.4764	101	151	1	0036389
	12.20	0.4803	101	151	1	0036396
	12.30	0.4843	101	151	1	0036402
31/64	12.30	0.4843	101	151	1	0169209
	12.40	0.4882	101	151	1	0036419
	12.50	0.4921	101	151	1	0036426
	12.60	0.4961	101	151	1	0036433
	12.70	0.5000	101	151	1	0036440
1/2	12.70	0.5000	101	151	1	0169216
	12.80	0.5039	101	151	1	0036457
	12.90	0.5079	101	151	1	0036464
	13.00	0.5118	101	151	1	0036471
	14.00	0.5512	108	160	1	0036488

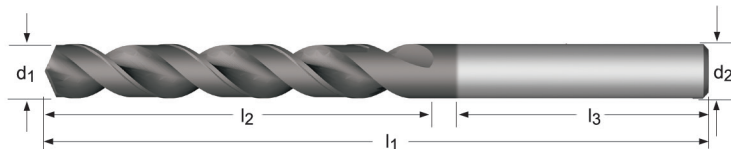
Multi-Application, Premium Cobalt Coolant Feed w/ Reinforced Shank

ADX

A553 Step shank (DIN 6535HA)

Notched point improves chip formation. Low thrust design. Cobalt base material & TiAlN-Top coating increases wear resistance and improves tool life.

- 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2
 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1



A553

5XD

HSS-E

130°

5.00 - 20.00

d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $\varnothing h_6$ mm	Pack Qty	A553
5.00	0.1969	36	79	36	6	1	0391204
5.20	0.2047	38	79	36	6	1	0391228
5.50	0.2165	40	79	36	6	1	0391242
6.00	0.2362	43	79	36	6	1	0391280
6.30	0.2480	46	87	36	8	1	0391297
6.50	0.2559	47	87	36	8	1	0391303
6.80	0.2677	48	87	36	8	1	0391327
6.90	0.2717	48	87	36	8	1	0391334
7.00	0.2756	48	87	36	8	1	0391341
7.40	0.2913	54	94	36	8	1	0391365
7.50	0.2953	54	94	36	8	1	0391372
8.00	0.3150	58	94	36	8	1	0391402
8.50	0.3346	75	130	40	10	1	0391419
8.70	0.3425	75	130	40	10	1	0391426
9.00	0.3543	75	130	40	10	1	0391433
9.50	0.3740	75	130	40	10	1	0391457
10.00	0.3937	75	130	40	10	1	0390795
10.20	0.4016	87	150	45	12	1	0390801
10.30	0.4055	87	150	45	12	1	0390818
10.50	0.4134	87	150	45	12	1	0390825
11.00	0.4330	94	150	45	12	1	0390849
11.30	0.4449	94	150	45	12	1	0390856
11.50	0.4528	94	150	45	12	1	0390863
12.00	0.4724	94	150	45	12	1	0390870
12.50	0.4921	101	160	45	14	1	0390887
13.00	0.5118	101	160	45	14	1	0390894
13.50	0.5315	101	160	45	14	1	0390924
14.00	0.5512	101	160	45	14	1	0390948
14.25	0.5610	108	170	48	16	1	0390955
14.50	0.5709	108	170	48	16	1	0390962
15.00	0.5906	108	170	48	16	1	0390986
15.25	0.6004	108	170	48	16	1	0391006
15.50	0.6102	108	170	48	16	1	0391013

ADX STANDARD LENGTH DRILL



d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $\varnothing h_6$ mm	Pack Qty	A553
16.00	0.6299	108	170	48	16	1	0391037
16.50	0.6496	125	190	48	18	1	0391051
17.00	0.6693	125	190	48	18	1	0391075
17.50	0.6890	130	190	48	18	1	0391099
17.75	0.6988	130	190	48	18	1	0391105
18.00	0.7087	130	190	48	18	1	0391112
19.00	0.7480	135	200	50	20	1	0391150
19.25	0.7579	140	200	50	20	1	0391167
20.00	0.7874	140	200	50	20	1	0391198