



A920

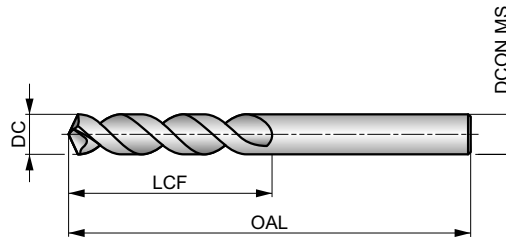


PFX HSS-E (5% Cobalt) Stub Drill, Bright Finish

High performance drill, able to produce high quality and accurate holes at high speeds and feeds (H10 hole tolerance). Self-centering 130° point angle and special parabolic flute design help to drill deep holes in a single pass. Suitable for many materials.



PFX



HSS-E	DIN ANSI	3×D
130°	Bright	
λ>35°	R	DC h8

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 175.

P1.1 ■ 42 J	P1.2 ■ 47 J	P1.3 ■ 49 J	P2.1 ■ 36 J	P2.2 ■ 32 I	P2.3 ■ 28 E	P3.1 ■ 34 I	P3.2 ■ 27 I	P3.3 ■ 23 E	P4.1 ■ 20 I	P4.2 ■ 17 E	P4.3 ■ 14 E	M1.1 ■ 21 F	M1.2 ■ 17 F
M2.1 ■ 18 F	M2.2 ■ 15 F	M3.1 ■ 8 F	M3.2 ■ 7 F	M3.3 ■ 6 F	M4.1 ■ 9 D	K1.1 ■ 34 L	K1.2 ■ 25 L	K1.3 ■ 19 L	K2.1 ■ 32 L	K2.2 ■ 26 L	K2.3 ■ 21 J	K3.1 ■ 28 L	K3.2 ■ 22 L
K3.3 ■ 17 J	K4.1 ■ 26 L	K4.2 ■ 20 L	K4.3 ■ 14 J	K4.4 ■ 12 J	K4.5 ■ 10 J	K5.1 ■ 30 L	K5.2 ■ 22 L	K5.3 ■ 17 J	N1.1 ■ 75 L	N1.2 ■ 56 L	N1.3 ■ 38 N	N2.1 ■ 62 N	N2.2 ■ 55 N
N2.3 ■ 40 N	N3.1 ■ 112 J	N3.2 ■ 66 J	N3.3 ■ 33 H	N4.1 ■ 55 J	N4.2 ■ 40 H	S1.1 ■ 30 G	S1.2 ■ 18 G	S1.3 ■ 10 C	S2.1 ■ 12 G	S2.2 ■ 8 E	S3.1 ■ 9 G	S3.2 ■ 6 E	S4.1 ■ 7 G
S4.2 ■ 5 E													

Product	DC [inch]	DC [mm]	DC [inch]	LCF [mm]	OAL [mm]	DCON MS [mm]
A9201.0	–	1.00	0.0394	6.0	26.0	1.00
A9201.1	–	1.10	0.0433	7.0	28.0	1.10
A9203/64	3/64	1.19	0.0469	13.0	35.0	1.19
A9201.2	–	1.20	0.0472	8.0	30.0	1.20
A9201.25	–	1.25	0.0492	8.0	30.0	1.25
A9201.3	–	1.30	0.0512	8.0	30.0	1.30
A9201.35	–	1.35	0.0531	9.0	32.0	1.35
A9201.4	–	1.40	0.0551	9.0	32.0	1.40
A9201.5	–	1.50	0.0591	9.0	32.0	1.50
A9201.55	–	1.55	0.0610	10.0	34.0	1.55
A9201/16	1/16	1.59	0.0625	16.0	41.0	1.59
A9201.6	–	1.60	0.0630	10.0	34.0	1.60
A9201.7	–	1.70	0.0669	10.0	34.0	1.70
A9201.75	–	1.75	0.0689	11.0	36.0	1.75
A9201.8	–	1.80	0.0709	11.0	36.0	1.80
A9201.9	–	1.90	0.0748	11.0	36.0	1.90
A9205/64	5/64	1.98	0.0781	17.0	43.0	1.98
A9202.0	–	2.00	0.0787	12.0	38.0	2.00
A9202.1	–	2.10	0.0827	12.0	38.0	2.10
A9202.15	–	2.15	0.0846	13.0	40.0	2.15
A9202.2	–	2.20	0.0866	13.0	40.0	2.20
A9202.3	–	2.30	0.0906	13.0	40.0	2.30
A9202.35	–	2.35	0.0925	14.0	43.0	2.35
A9203/32	3/32	2.38	0.0938	19.0	41.0	2.38

Product	DC [inch]	DC [mm]	DC [inch]	LCF [mm]	OAL [mm]	DCON MS [mm]
A9202.4	–	2.40	0.0945	14.0	43.0	2.40
A9202.5	–	2.50	0.0984	14.0	43.0	2.50
A9202.6	–	2.60	0.1024	14.0	43.0	2.60
A9202.7	–	2.70	0.1063	16.0	46.0	2.70
A9207/64	7/64	2.78	0.1094	21.0	46.0	2.78
A9202.8	–	2.80	0.1102	16.0	46.0	2.80
A9202.9	–	2.90	0.1142	16.0	46.0	2.90
A9203.0	–	3.00	0.1181	16.0	46.0	3.00
A9203.1	–	3.10	0.1220	18.0	49.0	3.10
A9201/8	1/8	3.18	0.1250	22.0	48.0	3.18
A9203.2	–	3.20	0.1260	18.0	49.0	3.20
A9203.3	–	3.30	0.1299	18.0	49.0	3.30
A9203.4	–	3.40	0.1339	20.0	52.0	3.40
A9203.5	–	3.50	0.1378	20.0	52.0	3.50
A9209/64	9/64	3.57	0.1406	24.0	49.0	3.57
A9203.6	–	3.60	0.1417	20.0	52.0	3.60
A9203.7	–	3.70	0.1457	20.0	52.0	3.70
A9203.8	–	3.80	0.1496	22.0	55.0	3.80
A9203.9	–	3.90	0.1535	22.0	55.0	3.90
A9205/32	5/32	3.97	0.1563	25.0	52.0	3.97
A9204.0	–	4.00	0.1575	22.0	55.0	4.00
A9204.1	–	4.10	0.1614	22.0	55.0	4.10
A9204.2	–	4.20	0.1654	22.0	55.0	4.20
A9204.3	–	4.30	0.1693	24.0	58.0	4.30



Product	DC	DC	DC	LCF	OAL	D CON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A92011/64	11/64	4.37	0.1719	27.0	54.0	4.37
A9204.4	–	4.40	0.1732	24.0	58.0	4.40
A9204.5	–	4.50	0.1772	24.0	58.0	4.50
A9204.6	–	4.60	0.1811	24.0	58.0	4.60
A9204.7	–	4.70	0.1850	24.0	58.0	4.70
A9203/16	3/16	4.76	0.1875	29.0	56.0	4.76
A9204.8	–	4.80	0.1890	26.0	62.0	4.80
A9204.9	–	4.90	0.1929	26.0	62.0	4.90
A9205.0	–	5.00	0.1969	26.0	62.0	5.00
A9205.1	–	5.10	0.2008	26.0	62.0	5.10
A92013/64	13/64	5.16	0.2031	30.0	57.0	5.16
A9205.2	–	5.20	0.2047	26.0	62.0	5.20
A9205.3	–	5.30	0.2087	26.0	62.0	5.30
A9205.4	–	5.40	0.2126	28.0	66.0	5.40
A9205.5	–	5.50	0.2165	28.0	66.0	5.50
A9207/32	7/32	5.56	0.2188	32.0	60.0	5.56
A9205.6	–	5.60	0.2205	28.0	66.0	5.60
A9205.7	–	5.70	0.2244	28.0	66.0	5.70
A9205.8	–	5.80	0.2283	28.0	66.0	5.80
A9205.9	–	5.90	0.2323	28.0	66.0	5.90
A92015/64	15/64	5.95	0.2344	33.0	62.0	5.95
A9206.0	–	6.00	0.2362	28.0	66.0	6.00
A9206.1	–	6.10	0.2402	31.0	70.0	6.10
A9206.2	–	6.20	0.2441	31.0	70.0	6.20
A9206.3	–	6.30	0.2480	31.0	70.0	6.30
A9201/4	1/4	6.35	0.2500	35.0	64.0	6.35
A9206.4	–	6.40	0.2520	31.0	70.0	6.40
A9206.5	–	6.50	0.2559	31.0	70.0	6.50
A9206.6	–	6.60	0.2598	31.0	70.0	6.60
A9206.7	–	6.70	0.2638	31.0	70.0	6.70
A92017/64	17/64	6.75	0.2656	37.0	67.0	6.75
A9206.8	–	6.80	0.2677	34.0	74.0	6.80
A9206.9	–	6.90	0.2717	34.0	74.0	6.90
A9207.0	–	7.00	0.2756	34.0	74.0	7.00
A9207.1	–	7.10	0.2795	34.0	74.0	7.10
A9209/32	9/32	7.14	0.2813	38.0	68.0	7.14
A9207.2	–	7.20	0.2835	34.0	74.0	7.20
A9207.3	–	7.30	0.2874	34.0	74.0	7.30
A9207.4	–	7.40	0.2913	34.0	74.0	7.40
A9207.5	–	7.50	0.2953	34.0	74.0	7.50
A92019/64	19/64	7.54	0.2969	40.0	70.0	7.54
A9207.6	–	7.60	0.2992	37.0	79.0	7.60
A9207.7	–	7.70	0.3031	37.0	79.0	7.70
A9207.8	–	7.80	0.3071	37.0	79.0	7.80
A9207.9	–	7.90	0.3110	37.0	79.0	7.90
A9205/16	5/16	7.94	0.3125	41.0	71.0	7.94
A9208.0	–	8.00	0.3150	37.0	79.0	8.00
A9208.1	–	8.10	0.3189	37.0	79.0	8.10
A9208.2	–	8.20	0.3228	37.0	79.0	8.20
A9208.3	–	8.30	0.3268	37.0	79.0	8.30
A92021/64	21/64	8.33	0.3281	43.0	75.0	8.33
A9208.4	–	8.40	0.3307	37.0	79.0	8.40
A9208.5	–	8.50	0.3346	37.0	79.0	8.50
A9208.6	–	8.60	0.3386	40.0	84.0	8.60
A9208.7	–	8.70	0.3425	40.0	84.0	8.70
A92011/32	11/32	8.73	0.3438	43.0	76.0	8.73
A9208.8	–	8.80	0.3465	40.0	84.0	8.80
A9208.9	–	8.90	0.3504	40.0	84.0	8.90
A9209.0	–	9.00	0.3543	40.0	84.0	9.00
A9209.1	–	9.10	0.3583	40.0	84.0	9.10
A92023/64	23/64	9.13	0.3594	44.0	78.0	9.13
A9209.2	–	9.20	0.3622	40.0	84.0	9.20

Product	DC	DC	DC	LCF	OAL	D CON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A9209.3	–	9.30	0.3661	40.0	84.0	9.30
A9209.4	–	9.40	0.3701	40.0	84.0	9.40
A9209.5	–	9.50	0.3740	40.0	84.0	9.50
A9203/8	3/8	9.52	0.3750	46.0	79.0	9.52
A9209.6	–	9.60	0.3780	43.0	89.0	9.60
A9209.7	–	9.70	0.3819	43.0	89.0	9.70
A9209.8	–	9.80	0.3858	43.0	89.0	9.80
A9209.9	–	9.90	0.3898	43.0	89.0	9.90
A92025/64	25/64	9.92	0.3906	48.0	83.0	9.92
A92010.0	–	10.00	0.3937	43.0	89.0	10.00
A92010.2	–	10.20	0.4016	43.0	89.0	10.20
A92010.3	–	10.30	0.4055	43.0	89.0	10.30
A92013/32	13/32	10.32	0.4063	49.0	84.0	10.32
A92010.5	–	10.50	0.4134	43.0	89.0	10.50
A92027/64	27/64	10.72	0.4219	51.0	86.0	10.72
A92010.8	–	10.80	0.4252	47.0	95.0	10.80
A92011.0	–	11.00	0.4331	47.0	95.0	11.00
A9207/16	7/16	11.11	0.4375	52.0	87.0	11.11
A92011.5	–	11.50	0.4528	47.0	95.0	11.50
A92029/64	29/64	11.51	0.4531	54.0	90.0	11.51
A92011.8	–	11.80	0.4646	47.0	95.0	11.80
A92015/32	15/32	11.91	0.4688	54.0	92.0	11.91
A92012.0	–	12.00	0.4724	51.0	102.0	12.00
A92012.2	–	12.20	0.4803	51.0	102.0	12.20
A92031/64	31/64	12.30	0.4844	56.0	94.0	12.30
A92012.5	–	12.50	0.4921	51.0	102.0	12.50
A9201/2	1/2	12.70	0.5000	57.0	95.0	12.70
A92013.0	–	13.00	0.5118	51.0	102.0	13.00
A92033/64	33/64	13.10	0.5156	60.0	98.0	13.10
A92013.5	–	13.50	0.5315	54.0	107.0	13.50
A92035/64	35/64	13.89	0.5469	64.0	102.0	13.89
A92014.0	–	14.00	0.5512	54.0	107.0	14.00
A9209/16	9/16	14.29	0.5625	64.0	102.0	14.29
A92014.5	–	14.50	0.5709	56.0	111.0	14.50
A92037/64	37/64	14.68	0.5781	67.0	105.0	14.68
A92014.75	–	14.75	0.5807	56.0	111.0	14.75
A92015.0	–	15.00	0.5906	56.0	111.0	15.00
A92019/32	19/32	15.08	0.5938	67.0	105.0	15.08
A92039/64	39/64	15.48	0.6094	70.0	108.0	15.48
A92015.5	–	15.50	0.6102	58.0	115.0	15.50
A9205/8	5/8	15.88	0.6250	70.0	108.0	15.88
A92016.0	–	16.00	0.6299	58.0	115.0	16.00
A92041/64	41/64	16.27	0.6406	73.0	114.0	16.27
A92016.5	–	16.50	0.6496	60.0	119.0	16.50
A92021/32	21/32	16.67	0.6563	73.0	114.0	16.67
A92016.75	–	16.75	0.6594	60.0	119.0	16.75
A92017.0	–	17.00	0.6693	60.0	119.0	17.00
A92043/64	43/64	17.07	0.6719	73.0	117.0	17.07
A92011/16	11/16	17.46	0.6875	73.0	117.0	17.46
A92017.5	–	17.50	0.6890	62.0	123.0	17.50
A92045/64	45/64	17.86	0.7031	76.0	121.0	17.86
A92018.0	–	18.00	0.7087	62.0	123.0	18.00
A92023/32	23/32	18.26	0.7188	76.0	121.0	18.26
A92018.5	–	18.50	0.7283	64.0	127.0	18.50
A92047/64	47/64	18.65	0.7344	79.0	127.0	18.65
A92019.0	–	19.00	0.7480	64.0	127.0	19.00
A9203/4	3/4	19.05	0.7500	79.0	127.0	19.05
A92049/64	49/64	19.45	0.7656	83.0	130.0	19.45
A92019.5	–	19.50	0.7677	66.0	131.0	19.50
A92025/32	25/32	19.84	0.7813	83.0	130.0	19.84
A92020.0	–	20.00	0.7874	66.0	131.0	20.00



A921

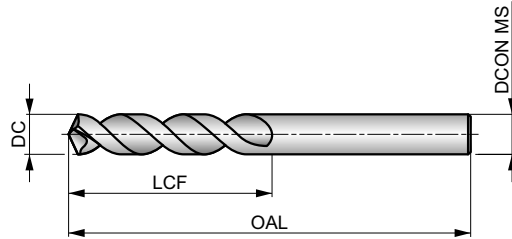


PFX HSS-E (5% Cobalt) Stub Drill, Alcrona Top Coated

High performance drill, able to produce high quality and accurate holes at high speeds and feeds (H10 hole tolerance). Self-centering 130° point angle and special parabolic flute design. Suitable for many materials. Alcrona-TOP coating improves performance and extends the tool life.



PFX



HSS-E	DIN ANSI	3×D
130°	Alcrona Top	
λ>35°	R	DC h8

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 175.

P1.1 ■ 70 M	P1.2 ■ 79 M	P1.3 ■ 81 M	P2.1 ■ 60 M	P2.2 ■ 53 J	P2.3 ■ 47 G	P3.1 ■ 56 J	P3.2 ■ 45 J	P3.3 ■ 38 G	P4.1 ■ 33 J	P4.2 ■ 28 G	P4.3 ■ 23 G	M1.1 ■ 23 F	M1.2 ■ 20 F
M2.1 ■ 21 F	M2.2 ■ 17 F	M3.1 ■ 10 F	M3.2 ■ 9 F	M3.3 ■ 8 F	M4.1 ■ 11 D	K1.1 ■ 53 L	K1.2 ■ 39 L	K1.3 ■ 29 L	K2.1 ■ 52 L	K2.2 ■ 42 L	K2.3 ■ 33 J	K3.1 ■ 46 L	K3.2 ■ 35 L
K3.3 ■ 28 J	K4.1 ■ 42 L	K4.2 ■ 32 L	K4.3 ■ 23 J	K4.4 ■ 20 J	K4.5 ■ 17 J	K5.1 ■ 48 L	K5.2 ■ 36 L	K5.3 ■ 28 J	S1.1 ■ 48 I	S1.2 ■ 29 I	S1.3 ■ 16 E	S2.1 ■ 19 I	S2.2 ■ 14 G
S3.1 ■ 14 I	S3.2 ■ 10 G	S4.1 ■ 11 I	S4.2 ■ 8 G										

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A9212.5	–	2.50	0.0984	14.0	43.0	2.50
A9212.6	–	2.60	0.1024	14.0	43.0	2.60
A9212.7	–	2.70	0.1063	16.0	46.0	2.70
A9217/64	7/64	2.78	0.1094	21.0	46.0	2.78
A9212.9	–	2.90	0.1142	16.0	46.0	2.90
A9213.0	–	3.00	0.1181	16.0	46.0	3.00
A9213.1	–	3.10	0.1220	18.0	49.0	3.10
A9211/8	1/8	3.18	0.1250	22.0	48.0	3.18
A9213.2	–	3.20	0.1260	18.0	49.0	3.20
A9213.3	–	3.30	0.1299	18.0	49.0	3.30
A9213.4	–	3.40	0.1339	20.0	52.0	3.40
A9213.5	–	3.50	0.1378	20.0	52.0	3.50
A9219/64	9/64	3.57	0.1406	24.0	49.0	3.57
A9213.6	–	3.60	0.1417	20.0	52.0	3.60
A9213.7	–	3.70	0.1457	20.0	52.0	3.70
A9213.8	–	3.80	0.1496	22.0	55.0	3.80
A9213.9	–	3.90	0.1535	22.0	55.0	3.90
A9215/32	5/32	3.97	0.1563	25.0	52.0	3.97
A9214.0	–	4.00	0.1575	22.0	55.0	4.00
A9214.1	–	4.10	0.1614	22.0	55.0	4.10
A9214.2	–	4.20	0.1654	22.0	55.0	4.20
A9214.3	–	4.30	0.1693	24.0	58.0	4.30
A92111/64	11/64	4.37	0.1719	27.0	54.0	4.37
A9214.4	–	4.40	0.1732	24.0	58.0	4.40
A9214.5	–	4.50	0.1772	24.0	58.0	4.50
A9214.6	–	4.60	0.1811	24.0	58.0	4.60

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A9214.7	–	4.70	0.1850	24.0	58.0	4.70
A9213/16	3/16	4.76	0.1875	29.0	56.0	4.76
A9214.8	–	4.80	0.1890	26.0	62.0	4.80
A9214.9	–	4.90	0.1929	26.0	62.0	4.90
A9215.0	–	5.00	0.1969	26.0	62.0	5.00
A9215.1	–	5.10	0.2008	26.0	62.0	5.10
A92113/64	13/64	5.16	0.2031	30.0	57.0	5.16
A9215.2	–	5.20	0.2047	26.0	62.0	5.20
A9215.3	–	5.30	0.2087	26.0	62.0	5.30
A9215.4	–	5.40	0.2126	28.0	66.0	5.40
A9215.5	–	5.50	0.2165	28.0	66.0	5.50
A9217/32	7/32	5.56	0.2188	32.0	60.0	5.56
A9215.6	–	5.60	0.2205	28.0	66.0	5.60
A9215.7	–	5.70	0.2244	28.0	66.0	5.70
A9215.8	–	5.80	0.2283	28.0	66.0	5.80
A9215.9	–	5.90	0.2323	28.0	66.0	5.90
A92115/64	15/64	5.95	0.2344	33.0	62.0	5.95
A9216.0	–	6.00	0.2362	28.0	66.0	6.00
A9216.1	–	6.10	0.2402	31.0	70.0	6.10
A9216.2	–	6.20	0.2441	31.0	70.0	6.20
A9216.3	–	6.30	0.2480	31.0	70.0	6.30
A9211/4	1/4	6.35	0.2500	35.0	64.0	6.35
A9216.4	–	6.40	0.2520	31.0	70.0	6.40
A9216.5	–	6.50	0.2559	31.0	70.0	6.50
A9216.6	–	6.60	0.2598	31.0	70.0	6.60
A9216.7	–	6.70	0.2638	31.0	70.0	6.70



Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A92117/64	17/64	6.75	0.2656	37.0	67.0	6.75
A9216.8	–	6.80	0.2677	34.0	74.0	6.80
A9216.9	–	6.90	0.2717	34.0	74.0	6.90
A9217.0	–	7.00	0.2756	34.0	74.0	7.00
A9217.1	–	7.10	0.2795	34.0	74.0	7.10
A9219/32	9/32	7.14	0.2813	38.0	68.0	7.14
A9217.2	–	7.20	0.2835	34.0	74.0	7.20
A9217.3	–	7.30	0.2874	34.0	74.0	7.30
A9217.4	–	7.40	0.2913	34.0	74.0	7.40
A9217.5	–	7.50	0.2953	34.0	74.0	7.50
A92119/64	19/64	7.54	0.2969	40.0	70.0	7.54
A9217.6	–	7.60	0.2992	37.0	79.0	7.60
A9217.7	–	7.70	0.3031	37.0	79.0	7.70
A9217.8	–	7.80	0.3071	37.0	79.0	7.80
A9217.9	–	7.90	0.3110	37.0	79.0	7.90
A9215/16	5/16	7.94	0.3125	41.0	71.0	7.94
A9218.0	–	8.00	0.3150	37.0	79.0	8.00
A9218.1	–	8.10	0.3189	37.0	79.0	8.10
A9218.2	–	8.20	0.3228	37.0	79.0	8.20
A9218.3	–	8.30	0.3268	37.0	79.0	8.30
A92121/64	21/64	8.33	0.3281	43.0	75.0	8.33
A9218.4	–	8.40	0.3307	37.0	79.0	8.40
A9218.5	–	8.50	0.3346	37.0	79.0	8.50
A9218.6	–	8.60	0.3386	40.0	84.0	8.60
A9218.7	–	8.70	0.3425	40.0	84.0	8.70
A92111/32	11/32	8.73	0.3438	43.0	76.0	8.73
A9218.8	–	8.80	0.3465	40.0	84.0	8.80
A9218.9	–	8.90	0.3504	40.0	84.0	8.90
A9219.0	–	9.00	0.3543	40.0	84.0	9.00
A9219.1	–	9.10	0.3583	40.0	84.0	9.10
A92123/64	23/64	9.13	0.3594	44.0	78.0	9.13
A9219.2	–	9.20	0.3622	40.0	84.0	9.20
A9219.3	–	9.30	0.3661	40.0	84.0	9.30
A9219.4	–	9.40	0.3701	40.0	84.0	9.40
A9219.5	–	9.50	0.3740	40.0	84.0	9.50
A9213/8	3/8	9.52	0.3750	46.0	79.0	9.52
A9219.6	–	9.60	0.3780	43.0	89.0	9.60

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A9219.7	–	9.70	0.3819	43.0	89.0	9.70
A9219.8	–	9.80	0.3858	43.0	89.0	9.80
A9219.9	–	9.90	0.3898	43.0	89.0	9.90
A92125/64	25/64	9.92	0.3906	48.0	83.0	9.92
A92110.0	–	10.00	0.3937	43.0	89.0	10.00
A92110.2	–	10.20	0.4016	43.0	89.0	10.20
A92110.3	–	10.30	0.4055	43.0	89.0	10.30
A92113/32	13/32	10.32	0.4063	49.0	84.0	10.32
A92110.5	–	10.50	0.4134	43.0	89.0	10.50
A92127/64	27/64	10.72	0.4219	51.0	86.0	10.72
A92110.8	–	10.80	0.4252	47.0	95.0	10.80
A92111.0	–	11.00	0.4331	47.0	95.0	11.00
A9217/16	7/16	11.11	0.4375	52.0	87.0	11.11
A92111.5	–	11.50	0.4528	47.0	95.0	11.50
A92129/64	29/64	11.51	0.4531	54.0	90.0	11.51
A92111.8	–	11.80	0.4646	47.0	95.0	11.80
A92115/32	15/32	11.91	0.4688	54.0	92.0	11.91
A92112.0	–	12.00	0.4724	51.0	102.0	12.00
A92131/64	31/64	12.30	0.4844	56.0	94.0	12.30
A92112.5	–	12.50	0.4921	51.0	102.0	12.50
A9211/2	1/2	12.70	0.5000	57.0	95.0	12.70
A92113.0	–	13.00	0.5118	51.0	102.0	13.00
A92133/64	33/64	13.10	0.5156	60.0	98.0	13.10
A92113.5	–	13.50	0.5315	54.0	107.0	13.50
A92135/64	35/64	13.89	0.5469	64.0	102.0	13.89
A92114.0	–	14.00	0.5512	54.0	107.0	14.00
A9219/16	9/16	14.29	0.5625	64.0	102.0	14.29
A92114.5	–	14.50	0.5709	56.0	111.0	14.50
A92137/64	37/64	14.68	0.5781	67.0	105.0	14.68
A92114.75	–	14.75	0.5807	56.0	111.0	14.75
A92115.0	–	15.00	0.5906	56.0	111.0	15.00
A92119/32	19/32	15.08	0.5938	67.0	105.0	15.08
A92139/64	39/64	15.48	0.6094	70.0	108.0	15.48
A92115.5	–	15.50	0.6102	58.0	115.0	15.50
A9215/8	5/8	15.88	0.6250	70.0	108.0	15.88
A92116.0	–	16.00	0.6299	58.0	115.0	16.00