

Cobalt Heavy-Duty Styles 550ASP, 550ASP-TN

Features/Benefits:

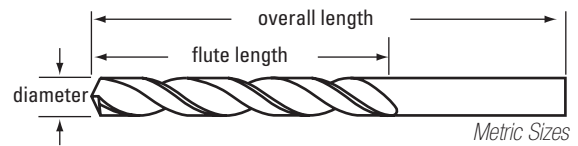
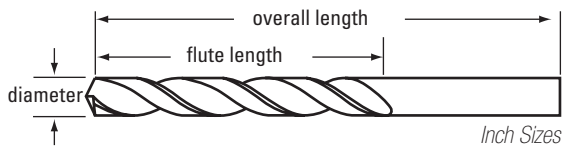
- Manufactured to NAS 907 Type B geometry aerospace specifications
- Heavy-duty construction for drilling in tough, high-tensile, and work-hardening materials.
- Manufactured from cobalt high-speed steel for increased abrasion resistance.
- 135° P3 split point is self-centering for reduced thrust and easier penetration.
- Straw finish and selected sizes of titanium nitride (TiN), finish standard from stock; alternate coatings available as stock modifications.

Application Information:

- stainless steel
- alloy steel
- titanium

Surface Treatment Information:

- Straw finish adds lubricity and easily identifies cobalt drills.
- Titanium nitride (TiN) coating adds lubricity and hardness, enhancing chip flow, finish hole quality, and drill life.



INCH AND METRIC SIZES

Fraction	Wire/Let	Drill Diameter		mm	Overall Length		Flute Length		Style	Style
		Metric	Decimal		Inch	mm	Inch	mm	550ASP Straw	550ASP-TN TiN
		1.00	.0394		1.3386	34.00	.4724	12.00	*47820	*47930
		1.10	.0433		1.4173	36.00	.5512	14.00	*47821	—
		1.20	.0472		1.4961	38.00	.6299	16.00	*47822	—
		1.30	.0512		1.4961	38.00	.6299	16.00	*47823	—
		1.40	.0551		1.5748	40.00	.7087	18.00	*47824	*47934
		1.50	.0591		1.5748	40.00	.7087	18.00	*47825	*47935
1/16			.0625	1.59	1.8750	47.63	.8750	22.23	47704	47630
		1.60	.0630		1.6929	43.00	.7874	20.00	47826	—
	52		.0635	1.61	1.8750	47.63	.8750	22.23	47786	—
		1.70	.0669		1.6929	43.00	.7874	20.00	47827	—
	51		.0670	1.70	2.0000	50.80	1.0000	25.40	47785	—
	50		.0700	1.78	2.0000	50.80	1.0000	25.40	47784	—
		1.80	.0709		1.8110	46.00	.8661	22.00	47828	—
	49		.0730	1.85	2.0000	50.80	1.0000	25.40	47783	—
		1.90	.0748		1.8110	46.00	.8661	22.00	47829	—
	48		.0760	1.93	2.0000	50.80	1.0000	25.40	47782	—
5/64			.0781	1.98	2.0000	50.80	1.0000	25.40	47705	47631
	47		.0785	1.99	2.0000	50.80	1.0000	25.40	47781	—
		2.00	.0787		1.9291	49.00	.9449	24.00	47830	47940
	46		.0810	2.06	2.1250	53.98	1.1250	28.58	47780	—
	45		.0820	2.08	2.1250	53.98	1.1250	28.58	47779	—
		2.10	.0827		1.9291	49.00	.9449	24.00	47831	—
	44		.0860	2.18	2.1250	53.98	1.1250	28.58	47778	—
		2.20	.0866		2.0866	53.00	1.0630	27.00	47832	—
	43		.0890	2.26	2.2500	57.15	1.2500	31.75	47777	—

*sizes smaller than 0.0625 do not have split point.

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**Heavy-Duty Cobalt (continued)
Styles 550ASP, 550ASP-TN**

INCH AND METRIC SIZES

Fraction	Wire/Let	Drill Diameter		Overall Length		Flute Length		Style	Style	
		Metric	Decimal	mm	Inch	mm	Inch	mm	550ASP Straw	550ASP-TN TIN
		2.3	.0906		2.0866	53.00	1.0630	27.00	47833	—
	42		.0935	2.37	2.2500	57.15	1.2500	31.75	47776	—
3/32			.0938	2.38	2.2500	57.15	1.2500	31.75	47706	47632
		2.40	.0945		2.2441	57.00	1.1811	30.00	47834	47944
	41		.0960	2.44	2.3750	60.33	1.3750	34.93	47775	—
	40		.0980	2.49	2.3750	60.33	1.3750	34.93	47774	—
		2.50	.0984		2.2441	57.00	1.1811	30.00	47835	47945
	39		.0995	2.53	2.3750	60.33	1.3750	34.93	47773	—
	38		.1015	2.58	2.5000	63.50	1.4375	36.51	47772	—
		2.60	.1024		2.2441	57.00	1.1811	30.00	47836	—
	37		.1040	2.64	2.5000	63.50	1.4375	36.51	47771	—
		2.70	.1062		2.4016	61.00	1.2992	33.00	47837	—
	36		.1065	2.71	2.5000	63.50	1.4375	36.51	47770	—
7/64			.1094	2.78	2.6250	66.68	1.5000	38.10	47707	47633
	35		.1100	2.79	2.6250	66.68	1.5000	38.10	47769	—
		2.80	.1102		2.4016	61.00	1.2992	33.00	47838	47948
	34		.1110	2.82	2.6250	66.68	1.5000	38.10	47768	—
	33		.1130	2.87	2.6250	66.68	1.5000	38.10	47767	—
		2.90	.1142		2.4016	61.00	1.2992	33.00	47839	—
	32		.1160	2.95	2.7500	69.85	1.6250	41.28	47766	—
		3.00	.1181		2.4016	61.00	1.2992	33.00	47840	47950
	31		.1200	3.05	2.7500	69.85	1.6250	41.28	47765	—
		3.10	.1220		2.5591	65.00	1.4173	36.00	47841	—
1/8			.1250	3.18	2.7500	69.85	1.6250	41.28	47708	47634
		3.20	.1260		2.5591	65.00	1.4173	36.00	47842	47952
	30		.1285	3.26	2.7500	69.85	1.6250	41.28	47764	—
		3.30	.1299		2.5591	65.00	1.4173	36.00	47843	47953
		3.4	.1339		2.7559	70.00	1.5354	39.00	47844	—
	29		.1360	3.45	2.8750	73.03	1.7500	44.45	47763	—
		3.50	.1378		2.7559	70.00	1.5354	39.00	47845	47955
	28		.1405	3.57	2.8750	73.03	1.7500	44.45	47762	—
9/64			.1406	3.57	2.8750	73.03	1.7500	44.45	47709	47635
		3.60	.1417		2.7559	70.00	1.5354	39.00	47846	47956
	27		.1440	3.66	3.0000	76.20	1.8750	47.63	47761	—
		3.70	.1457		2.7559	70.00	1.5354	39.00	47847	47957
	26		.1470	3.73	3.0000	76.20	1.8750	47.63	47760	—
	25		.1495	3.80	3.0000	76.20	1.8750	47.63	47759	—
		3.80	.1496		2.9528	75.00	1.6929	43.00	47848	—
	24		.1520	3.86	3.1250	79.38	2.0000	50.80	47758	—
		3.90	.1535		2.9528	75.00	1.6929	43.00	47849	47959
	23		.1540	3.91	3.1250	79.38	2.0000	50.80	47757	—
5/32			.1562	3.97	3.1250	79.38	2.0000	50.80	47710	47636
	22		.1570	3.99	3.1250	79.38	2.0000	50.80	47756	—
		4.00	.1575		2.9528	75.00	1.6929	43.00	47850	47960
	21		.1590	4.04	3.2500	82.55	2.1250	53.98	47755	—
	20		.1610	4.09	3.2500	82.55	2.1250	53.98	47754	—
		4.10	.1614		2.9528	75.00	1.6929	43.00	47851	47961
		4.20	.1654		2.9528	75.00	1.6929	43.00	47852	47962
	19		.1660	4.22	3.2500	82.55	2.1250	53.98	47753	—
		4.30	.1692		3.1496	80.00	1.8504	47.00	47853	47963
	18		.1695	4.31	3.2500	82.55	2.1250	53.98	47752	—
11/64			.1719	4.37	3.2500	82.55	2.1250	53.98	47711	47637
	17		.1730	4.39	3.3750	85.73	2.1875	55.56	47751	—

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Heavy-Duty Cobalt (continued) Styles 550ASP, 550ASP-TN

INCH AND METRIC SIZES

Fraction	Wire/Let	Drill Diameter		Overall Length		Flute Length		Style	Style	
		Metric	Decimal	mm	Inch	mm	Inch	mm	550ASP Straw	550ASP-TN TiN
		4.40	.1732		3.1496	80.00	1.8504	47.00	47854	—
	16		.1770	4.50	3.3750	85.73	2.1875	55.56	47750	—
		4.50	.1772		3.1496	80.00	1.8504	47.00	47855	47965
	15		.1800	4.57	3.3750	85.73	2.1875	55.56	47749	—
		4.60	.1811		3.1496	80.00	1.8504	47.00	47856	47966
	14		.1820	4.62	3.3750	85.73	2.1875	55.56	47748	—
	13		.1850	4.70	3.5000	88.90	2.3125	58.74	47747	—
		4.70	.1850		3.1496	80.00	1.8504	47.00	47857	47967
3/16			.1875	4.76	3.5000	88.90	2.3125	58.74	47712	47638
	12		.1890	4.80	3.5000	88.90	2.3125	58.74	47746	—
		4.80	.1890		3.3858	86.00	2.0472	52.00	47858	47968
	11		.1910	4.85	3.5000	88.90	2.3125	58.74	47745	—
		4.90	.1929		3.3858	86.00	2.0472	52.00	47859	47969
	10		.1935	4.91	3.6250	92.08	2.4375	61.91	47744	—
	9		.1960	4.98	3.6250	92.08	2.4375	61.91	47743	—
		5.00	.1969		3.3858	86.00	2.0472	52.00	47860	47970
	8		.1990	5.05	3.6250	92.08	2.4375	61.91	47742	—
		5.10	.2008		3.3858	86.00	2.0472	52.00	47861	47971
	7		.2010	5.11	3.6250	92.08	2.4375	61.91	47741	—
13/64			.2031	5.16	3.6250	92.08	2.4375	61.91	47713	47600
	6		.2040	5.18	3.7500	95.25	2.5000	63.50	47740	—
		5.20	.2047		3.3858	86.00	2.0472	52.00	47862	47972
	5		.2055	5.22	3.7500	95.25	2.5000	63.50	47739	—
		5.30	.2087		3.3858	86.00	2.0472	52.00	47863	—
	4		.2090	5.31	3.7500	95.25	2.5000	63.50	47738	—
		5.40	.2125		3.6614	93.00	2.2441	57.00	47864	—
	3		.2130	5.41	3.7500	95.25	2.5000	63.50	47737	—
		5.50	.2165		3.6614	93.00	2.2441	57.00	47865	47975
7/32			.2188	5.56	3.7500	95.25	2.5000	63.50	47714	47640
		5.60	.2205		3.6614	93.00	2.2441	57.00	47866	—
	2		.2210	5.61	3.8750	98.43	2.6250	66.68	47736	—
		5.70	.2244		3.6614	93.00	2.2441	57.00	47867	47977
	1		.2280	5.79	3.8750	98.43	2.6250	66.68	47735	—
		5.80	.2283		3.6614	93.00	2.2441	57.00	47868	47978
		5.90	.2323		3.6614	93.00	2.2441	57.00	47869	—
15/64			.2344	5.95	3.8750	98.43	2.6250	66.68	47715	47601
		6.00	.2362		3.6614	93.00	2.2441	57.00	47870	47980
		6.10	.2401		3.9764	101.00	2.4803	63.00	47871	47981
		6.20	.2440		3.9764	101.00	2.4803	63.00	47872	47982
		6.30	.2480		3.9764	101.00	2.4803	63.00	47873	—
1/4			.2500	6.35	4.0000	101.60	2.7500	69.85	47716	47642
		6.40	.2520		3.9764	101.00	2.4803	63.00	47874	—
		6.50	.2559		3.9764	101.00	2.4803	63.00	47875	47985
		6.60	.2598		3.9764	101.00	2.4803	63.00	47876	—
		6.70	.2638		3.9764	101.00	2.4803	63.00	47877	47987
17/64			.2656	6.75	4.1250	104.78	2.8750	73.03	47717	47602
	H		.2660	6.76	4.1250	104.78	2.8750	73.03	47807	47907
		6.80	.2677		4.2913	109.00	2.7165	69.00	47878	47988
		6.90	.2717		4.2913	109.00	2.7165	69.00	47879	—
		7.00	.2756		4.2913	109.00	2.7165	69.00	47880	47990
	J		.2770	7.04	4.1250	104.78	2.8750	73.03	47809	—
		7.10	.2795		4.2913	109.00	2.7165	69.00	47881	—
9/32			.2812	7.14	4.2500	107.95	2.9375	74.61	47718	47644

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Heavy-Duty Cobalt (continued) Styles 550ASP, 550ASP-TN

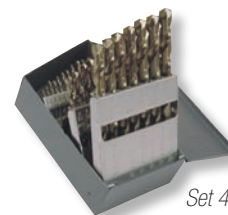
INCH AND METRIC SIZES

Fraction	Wire/Let	Drill Diameter		Overall Length		Flute Length		Style	Style	
		Metric	Decimal	mm	Inch	mm	Inch	mm	550ASP Straw	550ASP-TN TN
		7.20	.2835		4.2913	109.00	2.7165	69.00	47882	—
		7.40	.2913		4.2913	109.00	2.7165	69.00	47884	—
		7.50	.2953		4.2913	109.00	2.7165	69.00	47885	47994
19/64			.2969	7.54	4.3750	111.13	3.0625	77.79	47719	47603
		7.80	.3071		4.6063	117.00	2.9528	75.00	47888	—
		7.90	.3110		4.6063	117.00	2.9528	75.00	47889	—
5/16			.3125	7.94	4.5000	114.30	3.1875	80.96	47720	47646
		8.00	.3150		4.6063	117.00	2.9528	75.00	47890	47997
		8.10	.3189		4.6063	117.00	2.9528	75.00	47891	—
		8.20	.3228		4.6063	117.00	2.9528	75.00	47892	—
		8.30	.3268		4.6063	117.00	2.9528	75.00	47893	—
21/64			.3281	8.33	4.6250	117.48	3.3125	84.14	47721	47604
		8.40	.3307		4.6063	117.00	2.9528	75.00	47894	—
		8.50	.3346		4.6063	117.00	2.9528	75.00	47895	48001
		8.60	.3386		4.9213	125.00	3.1890	81.00	47896	—
		8.70	.3425		4.9213	125.00	3.1890	81.00	47897	48002
11/32			.3438	8.73	4.7500	120.65	3.4375	87.31	47722	47648
		8.80	.3465		4.9213	125.00	3.1890	81.00	47898	—
		8.90	.3504		4.9213	125.00	3.1890	81.00	47899	—
		9.00	.3543		4.9213	125.00	3.1890	81.00	47900	48005
		9.30	.3661		4.9213	125.00	3.1890	81.00	47903	—
		9.40	.3701		4.9213	125.00	3.1890	81.00	47904	—
		.3594	9.13	4.8750	123.83	3.5000	88.90	47723	47605	—
		9.50	.3740		4.9213	125.00	3.1890	81.00	47905	48006
3/8			.3750	9.53	5.0000	127.00	3.6250	92.08	47724	47650
		9.60	.3780		5.2362	133.00	3.1890	81.00	47906	—
		9.80	.3858		5.2362	133.00	3.1890	81.00	47908	—
25/64			.3906	9.92	5.1250	130.18	3.7500	95.25	47725	47606
		10.00	.3937		5.2362	133.00	3.4252	87.00	47910	48009
		10.20	.4016		5.2362	133.00	3.4252	87.00	47911	48010
13/32			.4062	10.32	5.2500	133.35	3.8750	98.43	47726	47652
		10.50	.4134		5.2362	133.00	3.4252	87.00	47912	48011
27/64			.4219	10.72	5.3750	136.53	3.9375	100.01	47727	47607
		11.00	.4331		5.5905	142.00	3.7008	94.00	47913	48012
7/16			.4375	11.11	5.5000	139.70	4.0625	103.19	47728	47654
		11.50	.4527		5.5905	142.00	3.7008	94.00	47914	48013
29/64			.4531	11.51	5.6250	142.88	4.1875	106.36	47729	47608
15/32			.4688	11.91	5.7500	146.05	4.3125	109.54	47730	47656
		12.00	.4724		5.9449	151.00	3.9764	101.00	47915	48014
31/64			.4844	12.30	5.8750	149.23	4.3750	111.13	47731	47657
		12.50	.4921		5.9449	151.00	3.9764	101.00	47916	48015
1/2			.5000	12.70	6.0000	152.40	4.5000	114.30	47732	47658
		13.00	.5118		5.9449	151.00	3.9764	101.00	47917	48016

INCH AND METRIC SETS

Sets in Metal Index Cases

Number of Tools	Size Range	Style 550ASP Straw
15	1/16 - 1/2 x 1/32	47795
29	1/16 - 1/2 X 1/64	47796
19	1mm - 10mm x 0.5mm	47924
25	1mm - 13mm X 0.5mm	47925



Set 47796