

GUHRING

Clearance Priced Heavy Duty HSCO drills

German-made high speed cobalt drills

Clearance prices offered only through participating authorized distributors

Drills purchased through this promotion are non-returnable

These are uncoated drills, but the Guhring coating of your choice can be applied for an extra charge

See page 7 for details

** Available while supplies last*

✓ Alloyed steel
✓ Stainless steel
✓ Titanium
✓ Inconel



Series 610

- Stub length
- Heavy duty 135° relieved cone point
- Self-centering split point
- HSCO for increased wear resistance
- Uncoated



Series 605

- Jobber length
- Heavy duty 130° relieved cone point
- Self-centering split point > Ø0.97mm
- HSCO for increased wear resistance
- Uncoated



Series 617

- Taper length
- Heavy duty 130° relieved cone point
- Self-centering split point
- HSCO for increased wear resistance
- Uncoated



Clearance Heavy Duty HSCO drills

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Series 610



Diameter				OAL mm	FL mm	Tap/Drill Size*				Sale Price	Series	EDP No.
mm	inch	frac	wire/ltr			UNC	UNF	M	MF			
1.040	0.0409			26	6					\$0.67	610	9006100010400
1.090	0.0429			28	7					\$0.63	610	9006100010900
1.100	0.0433			28	7					\$0.73	610	9006100011000
1.180	0.0465			28	7					\$0.63	610	9006100011800
1.300	0.0512			30	8					\$0.73	610	9006100013000
1.320	0.0520			30	8					\$0.63	610	9006100013200
1.510	0.0594			34	10					\$0.63	610	9006100015100
1.590	0.0626	1/16		34	10					\$0.54	610	9006100015900
1.610	0.0634			34	10					\$0.55	610	9006100016100
1.850	0.0728			36	11		2-64			\$0.55	610	9006100018500
1.900	0.0748			36	11					\$0.74	610	9006100019000
1.930	0.0760			38	12					\$0.55	610	9006100019300
1.980	0.0780	5/64		38	12					\$0.55	610	9006100019800
2.060	0.0811			38	12	3-48				\$0.55	610	9006100020600
2.100	0.0827			38	12		3-56			\$0.74	610	9006100021000
2.180	0.0858			40	13					\$0.55	610	9006100021800
2.200	0.0866			40	13					\$0.74	610	9006100022000
2.370	0.0933			43	14		4-48			\$0.55	610	9006100023700
2.440	0.0961			43	14					\$0.56	610	9006100024400
2.600	0.1024			43	14	5-40				\$0.77	610	9006100026000
2.640	0.1039			43	14	5-40				\$0.65	610	9006100026400
2.700	0.1063			46	16				M3x0.35	\$0.77	610	9006100027000
2.800	0.1102			46	16	6-32				\$0.77	610	9006100028000
2.820	0.1110			46	16	6-32				\$0.65	610	9006100028200
3.170	0.1248	1/8		49	18					\$0.71	610	9006100031700
3.260	0.1283			49	18					\$0.67	610	9006100032600
3.500	0.1378			52	20	8-32				\$0.82	610	9006100035000
3.570	0.1406	9/64	#28	52	20		8-36		M4x0.50	\$0.71	610	9006100035700
3.600	0.1417			52	20					\$0.90	610	9006100036000
3.660	0.1441			52	20					\$0.77	610	9006100036600
3.700	0.1457			52	20					\$0.90	610	9006100037000
3.730	0.1469			52	20					\$0.77	610	9006100037300
3.800	0.1496			55	22	10-24				\$0.77	610	9006100038000
3.860	0.1520			55	22	10-24				\$0.83	610	9006100038600
3.990	0.1571			55	22					\$0.83	610	9006100039900
4.200	0.1654			55	22					\$0.94	610	9006100042000
4.220	0.1661			55	22			M5x0.80		\$0.83	610	9006100042200
4.400	0.1732			58	24					\$1.13	610	9006100044000
4.600	0.1811			58	24		12-28			\$1.21	610	9006100046000
4.620	0.1819			58	24		12-28			\$1.06	610	9006100046200
4.700	0.1850			58	24		12-28			\$1.06	610	9006100047000
4.760	0.1874	3/16		62	26					\$1.03	610	9006100047600
4.800	0.1890			62	26					\$1.09	610	9006100048000
4.850	0.1909			62	26					\$1.08	610	9006100048500
4.900	0.1929			62	26					\$1.23	610	9006100049000
4.920	0.1937			62	26					\$1.12	610	9006100049200
5.060	0.1992			62	26			M6x1.00		\$1.12	610	9006100050600
5.100	0.2008			62	26			M6x1.00		\$1.23	610	9006100051000
5.180	0.2039			62	26	1/4-20				\$1.42	610	9006100051800
5.200	0.2047			62	26	1/4-20				\$1.54	610	9006100052000
5.220	0.2055			62	26	1/4-20				\$1.42	610	9006100052200
5.300	0.2087			62	26				M6x0.75	\$1.54	610	9006100053000
5.310	0.2091			66	28				M6x0.75	\$1.42	610	9006100053100
5.400	0.2126			66	28					\$1.68	610	9006100054000
5.410	0.2130			66	28					\$1.59	610	9006100054100
5.500	0.2165			66	28		1/4-28			\$1.68	610	9006100055000
5.560	0.2189	7/32		66	28		1/4-28		M6x0.50	\$1.29	610	9006100055600
5.600	0.2205			66	28					\$1.68	610	9006100056000
5.700	0.2244			66	28					\$1.68	610	9006100057000
5.800	0.2283			66	28					\$1.68	610	9006100058000
5.900	0.2323			66	28					\$1.85	610	9006100059000
5.940	0.2339		A	66	28					\$1.69	610	9006100059400
5.950	0.2343	15/64		66	28					\$1.44	610	9006100059500
6.000	0.2362			66	28					\$1.85	610	9006100060000
6.040	0.2378		B	70	31			M7x1.00		\$1.79	610	9006100060400
6.100	0.2402			70	31			M7x1.00		\$1.92	610	9006100061000

*Recommended tap drill sizes fall within 65%-75% thread range



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GUHRING
Series 610


Diameter				OAL	FL	Tap/Drill Size*				Sale Price	Series	EDP No.
mm	inch	frac	wire/ltr	mm	mm	UNC	UNF	M	MF			
6.200	0.2441			70	31					\$1.92	610	9006100062000
6.250	0.2461		D	70	31					\$1.79	610	9006100062500
6.300	0.2480			70	31				M7x0.75	\$1.92	610	9006100063000
6.350	0.2500	1/4	E	70	31				M7x0.75	\$1.44	610	9006100063500
6.400	0.2520			70	31					\$2.00	610	9006100064000
6.500	0.2559			70	31					\$2.00	610	9006100065000
6.600	0.2598			70	31	5/16-18				\$2.00	610	9006100066000
6.700	0.2638			70	31	5/16-18				\$2.00	610	9006100067000
6.750	0.2657	17/64	H	74	34	5/16-18				\$1.68	610	9006100067500
6.800	0.2677			74	34			M8x1.25		\$2.06	610	9006100068000
6.900	0.2717		I	74	34		5/16-24	M8x1.25		\$2.01	610	9006100069000
7.000	0.2756			74	34		5/16-24			\$2.09	610	9006100070000
7.030	0.2768		J	74	34		5/16-24		M8x1.00	\$2.01	610	9006100070300
7.100	0.2795			74	34				M8x1.00	\$2.09	610	9006100071000
7.140	0.2811	9/32	K	74	34				M8x1.00	\$1.78	610	9006100071400
7.370	0.2902		L	74	34				M8x0.75	\$2.38	610	9006100073700
7.400	0.2913			74	34					\$2.49	610	9006100074000
7.490	0.2949		M	74	34					\$2.38	610	9006100074900
7.500	0.2953			74	34					\$2.49	610	9006100075000
7.540	0.2969	19/64		79	37				M8x0.50	\$2.14	610	9006100075400
7.600	0.2992			79	37					\$2.49	610	9006100076000
7.700	0.3031			79	37					\$2.59	610	9006100077000
7.900	0.3110			79	37					\$2.59	610	9006100079000
8.000	0.3150			79	37	3/8-16				\$2.59	610	9006100080000
8.030	0.3161		O	79	37	3/8-16			M9x1.00	\$2.85	610	9006100080300
8.100	0.3189			79	37	3/8-16			M9x1.00	\$2.88	610	9006100081000
8.200	0.3228		P	79	37					\$2.85	610	9006100082000
8.300	0.3268			79	37					\$2.88	610	9006100083000
8.400	0.3307			79	37					\$3.04	610	9006100084000
8.600	0.3386			84	40		3/8-24	M10x1.50		\$3.19	610	9006100086000
8.700	0.3425			84	40			M10x1.50		\$3.01	610	9006100087000
8.730	0.3437	11/32		84	40			M10x1.50		\$2.68	610	9006100087300
8.800	0.3465			84	40				M10x1.25	\$3.76	610	9006100088000
8.840	0.3480		S	84	40				M10x1.25	\$3.82	610	9006100088400
8.900	0.3504			84	40				M10x1.25	\$3.94	610	9006100089000
9.000	0.3543			84	40					\$3.94	610	9006100090000
9.090	0.3579		T	84	40				M10x1.00	\$3.82	610	9006100090900
9.100	0.3583			84	40				M10x1.00	\$3.94	610	9006100091000
9.130	0.3594	23/64		84	40				M10x1.00	\$3.17	610	9006100091300
9.200	0.3622			84	40					\$3.94	610	9006100092000
9.300	0.3661			84	40				M10x0.75	\$3.99	610	9006100093000
9.400	0.3701			84	40	7/16-14				\$3.99	610	9006100094000
9.500	0.3740			84	40	7/16-14				\$3.99	610	9006100095000
9.580	0.3772		V	89	43	7/16-14				\$4.23	610	9006100095800
9.600	0.3780			89	43					\$4.24	610	9006100096000
9.900	0.3898			89	43		7/16-20			\$4.32	610	9006100099000
9.920	0.3906	25/64		89	43		7/16-20			\$3.62	610	9006100099200
10.000	0.3937			89	43		7/16-20			\$4.32	610	9006100100000
10.080	0.3969		X	89	43				M11x1.00	\$4.23	610	9006100100800
10.100	0.3976			89	43				M11x1.00	\$4.32	610	9006100101000
10.200	0.4016			89	43					\$4.32	610	9006100102000
10.260	0.4039		Y	89	43					\$4.23	610	9006100102600
10.300	0.4055			89	43			M12x1.75		\$4.32	610	9006100103000
10.320	0.4063	13/32		89	43			M12x1.75		\$3.63	610	9006100103200
10.400	0.4094			89	43			M12x1.75		\$4.40	610	9006100104000
10.490	0.4130		Z	89	43			M12x1.75		\$4.86	610	9006100104900
10.500	0.4134			89	43			M12x1.75		\$4.40	610	9006100105000
11.500	0.4528			95	47		1/2-20			\$4.40	610	9006100115000
11.510	0.4531	29/64		95	47		1/2-20			\$5.10	610	9006100115100
12.000	0.4724			102	51					\$5.12	610	9006100120000
12.300	0.4843	31/64		102	51	9/16-12		M14x2.00		\$5.10	610	9006100123000
12.500	0.4921			102	51	9/16-12				\$5.15	610	9006100125000
13.000	0.5118			102	51		9/16-18			\$12.58	610	9006100130000
13.100	0.5157	33/64		102	51		9/16-18		M14x1.00	\$12.67	610	9006100131000
13.500	0.5315			107	54					\$12.87	610	9006100135000
14.000	0.5512			107	54					\$13.01	610	9006100140000

*Recommended tap drill sizes fall within 65%-75% thread range

Clearance Heavy Duty HSCO drills

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Series 605



Diameter				OAL mm	FL mm	Tap/Drill Size*				Sale Price	Series	EDP No.
mm	inch	frac	wire/ltr			UNC	UNF	M	MF			
0.320	0.0126		#82	19	4					\$1.49	605	9006050003200
0.330	0.0130		#81	19	4					\$1.49	605	9006050003300
0.370	0.0146		#79	19	4					\$1.17	605	9006050003700
0.410	0.0161		#78	20	5					\$1.17	605	9006050004100
0.660	0.0260		#71	26	8					\$1.06	605	9006050006600
3.660	0.1441		#27	70	39					\$0.85	605	9006050036600
3.730	0.1469		#26	70	39					\$0.85	605	9006050037300
4.090	0.1610		#20	75	43		10-32			\$0.95	605	9006050040900
4.390	0.1728		#17	80	47					\$1.08	605	9006050043900
4.620	0.1819		#14	80	47		12-28			\$1.18	605	9006050046200
4.920	0.1937		#10	86	52					\$1.22	605	9006050049200
4.980	0.1961		#9	86	52					\$1.22	605	9006050049800
5.180	0.2039		#6	86	52	1/4-20				\$1.58	605	9006050051800
5.790	0.2280		#1	93	57					\$1.68	605	9006050057900
5.940	0.2339		A	93	57					\$1.69	605	9006050059400
6.040	0.2378		B	101	63			M7x1.00		\$1.96	605	9006050060400
6.250	0.2461		D	101	63					\$1.96	605	9006050062500
7.030	0.2768		J	109	69		5/16-24		M8x1.00	\$2.19	605	9006050070300
7.370	0.2902		L	109	69				M8x0.75	\$2.50	605	9006050073700
7.490	0.2949		M	109	69					\$2.64	605	9006050074900
7.670	0.3020		N	117	75					\$2.64	605	9006050076700
8.840	0.3480		S	125	81				M10x1.25	\$3.95	605	9006050088400
9.090	0.3579		T	125	81				M10x1.00	\$3.95	605	9006050090900
9.340	0.3677		U	125	81	7/16-14			M10x0.75	\$3.95	605	9006050093400
9.580	0.3772		V	133	87	7/16-14				\$4.36	605	9006050095800
10.080	0.3969		X	133	87				M11x1.00	\$4.36	605	9006050100800
10.260	0.4039		Y	133	87					\$4.62	605	9006050102600
10.490	0.4130		Z	133	87			M12x1.75		\$5.03	605	9006050104900
15.480	0.6094	39/64		178	120					\$14.17	605	9006050154800
15.870	0.6248	5/8		178	120			M18x2.50		\$14.17	605	9006050158700
16.270	0.6406	41/64		184	125				M18x2.00	\$15.15	605	9006050162700
17.070	0.6720	43/64		191	130				M18x1.00	\$17.18	605	9006050170700
17.460	0.6874	11/16		191	130					\$17.18	605	9006050174600
17.860	0.7031	45/64		191	130			M20x2.50		\$24.54	605	9006050178600
18.260	0.7189	23/32		198	135				M20x2.00	\$25.00	605	9006050182600
18.650	0.7343	47/64		198	135				M20x1.50	\$25.00	605	9006050186500



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Series 617



Diameter				OAL mm	FL mm	Tap/Drill Size*				Sale Price	Series	EDP No.
mm	inch	frac	wire/ltr			UNC	UNF	M	MF			
1.020	0.0402		#60	56	33					\$2.09	617	9006170010200
1.040	0.0409		#59	56	33					\$2.09	617	9006170010400
1.070	0.0421		#58	60	37					\$2.09	617	9006170010700
1.180	0.0465		#56	60	37					\$2.09	617	9006170011800
1.190	0.0469	3/64		65	41					\$1.90	617	9006170011900
1.320	0.0520		#55	65	41					\$2.09	617	9006170013200
1.510	0.0594		#53	76	50					\$2.09	617	9006170015100
1.610	0.0634		#52	76	50					\$2.05	617	9006170016100
1.990	0.0783		#47	85	56					\$2.24	617	9006170019900
2.060	0.0811		#46	85	56	3-48				\$2.45	617	9006170020600
2.080	0.0819		#45	85	56		3-56			\$2.45	617	9006170020800
2.370	0.0933		#42	95	62		4-48			\$2.64	617	9006170023700
2.440	0.0961		#41	95	62					\$2.76	617	9006170024400
2.490	0.0980		#40	95	62					\$3.82	617	9006170024900
2.580	0.1016		#38	95	62	5-40		M3x0.50		\$3.94	617	9006170025800
2.640	0.1039		#37	95	62	5-40				\$4.09	617	9006170026400
2.710	0.1067		#36	100	66					\$3.82	617	9006170027100
2.790	0.1098		#35	100	66	6-32				\$3.94	617	9006170027900
2.820	0.1110		#34	100	66	6-32				\$3.94	617	9006170028200
3.260	0.1283		#30	106	69					\$4.23	617	9006170032600
3.660	0.1441		#27	112	73					\$4.77	617	9006170036600
3.730	0.1469		#26	112	73					\$4.77	617	9006170037300
3.860	0.1520		#24	119	78	10-24				\$4.77	617	9006170038600
3.900	0.1535			119	78	10-24				\$4.99	617	9006170039000
3.910	0.1539		#23	119	78	10-24				\$5.15	617	9006170039100
4.040	0.1591		#21	119	78					\$4.77	617	9006170040400
4.090	0.1610		#20	119	78		10-32			\$4.77	617	9006170040900
4.220	0.1661		#19	119	78			M5x0.80		\$4.77	617	9006170042200
4.370	0.1720	11/64		126	82					\$4.03	617	9006170043700
4.390	0.1728		#17	126	82					\$4.77	617	9006170043900
4.570	0.1799		#15	126	82	12-24			M5x0.50	\$4.77	617	9006170045700
4.620	0.1819		#14	126	82		12-28			\$4.77	617	9006170046200
4.850	0.1909		#11	132	87					\$5.28	617	9006170048500
4.920	0.1937		#10	132	87					\$5.28	617	9006170049200
4.980	0.1961		#9	132	87					\$5.28	617	9006170049800
5.060	0.1992		#8	132	87			M6x1.00		\$5.28	617	9006170050600
5.110	0.2012		#7	132	87	1/4-20		M6x1.00		\$5.28	617	9006170051100
5.180	0.2039		#6	132	87	1/4-20				\$5.76	617	9006170051800
5.220	0.2055		#5	132	87	1/4-20				\$5.28	617	9006170052200
5.310	0.2091		#4	139	91				M6x0.75	\$5.28	617	9006170053100
5.410	0.2130		#3	139	91					\$5.28	617	9006170054100
5.610	0.2209		#2	139	91					\$5.28	617	9006170056100
5.790	0.2280		#1	139	91					\$5.28	617	9006170057900
5.940	0.2339		A	139	91					\$5.31	617	9006170059400
5.950	0.2343	15/64		139	91					\$4.82	617	9006170059500
6.040	0.2378		B	148	97			M7x1.00		\$5.33	617	9006170060400
6.150	0.2421		C	148	97			M7x1.00		\$5.33	617	9006170061500
6.250	0.2461		D	148	97					\$5.33	617	9006170062500
7.030	0.2768		J	156	102		5/16-24		M8x1.00	\$5.76	617	9006170070300
7.300	0.2874			156	102				M8x0.75	\$7.09	617	9006170073000
7.370	0.2902		L	156	102				M8x0.75	\$5.94	617	9006170073700
7.490	0.2949		M	156	102					\$5.94	617	9006170074900
7.670	0.3020		N	165	109					\$6.06	617	9006170076700
8.030	0.3161		O	165	109	3/8-16			M9x1.00	\$6.15	617	9006170080300
8.300	0.3268			165	109					\$9.05	617	9006170083000
8.330	0.3280	21/64		165	109					\$6.86	617	9006170083300
8.600	0.3386			175	115		3/8-24	M10x1.50		\$8.86	617	9006170086000
8.610	0.3390		R	175	115			M10x1.50		\$6.53	617	9006170086100
8.800	0.3465			175	115				M10x1.25	\$9.03	617	9006170088000
8.840	0.3480		S	175	115				M10x1.25	\$6.63	617	9006170088400
9.090	0.3579		T	175	115				M10x1.00	\$6.63	617	9006170090900
9.100	0.3583			175	115				M10x1.00	\$9.03	617	9006170091000
9.130	0.3594	23/64		175	115				M10x1.00	\$8.09	617	9006170091300
9.200	0.3622			175	115					\$8.96	617	9006170092000
9.300	0.3661			175	115				M10x0.75	\$8.96	617	9006170093000
9.340	0.3677		U	175	115	7/16-14			M10x0.75	\$6.78	617	9006170093400

*Recommended tap drill sizes fall within 65%-75% thread range



Clearance Heavy Duty HSCO drills

- while supplies last!

GUHRING

Series 617



Diameter				OAL mm	FL mm	Tap/Drill Size*				Sale Price	Series	EDP No.
mm	inch	frac	wire/ltr			UNC	UNF	M	MF			
9.400	0.3701			175	115	7/16-14				\$8.96	617	9006170094000
9.580	0.3772		V	184	121	7/16-14				\$7.58	617	9006170095800
9.600	0.3780			184	121					\$9.31	617	9006170096000
9.800	0.3858		W	184	121					\$7.54	617	9006170098000
9.900	0.3898			184	121		7/16-20			\$9.31	617	9006170099000
9.920	0.3906	25/64		184	121		7/16-20			\$8.41	617	9006170099200
10.080	0.3969		X	184	121				M11x1.00	\$8.76	617	9006170100800
10.100	0.3976			184	121				M11x1.00	\$9.38	617	9006170101000
10.260	0.4039		Y	184	121					\$8.77	617	9006170102600
10.320	0.4063	13/32		184	121			M12x1.75		\$8.10	617	9006170103200
10.490	0.4130		Z	184	121			M12x1.75		\$9.24	617	9006170104900
10.720	0.4220	27/64		195	128				M12x1.50	\$9.12	617	9006170107200
11.500	0.4528			195	128		1/2-20			\$10.81	617	9006170115000
11.510	0.4531	29/64		195	128		1/2-20			\$10.33	617	9006170115100
11.910	0.4689	15/32		205	134					\$10.50	617	9006170119100
12.200	0.4803			205	134			M14x2.00		\$13.62	617	9006170122000
12.300	0.4843	31/64		205	134	9/16-12		M14x2.00		\$11.42	617	9006170123000
12.700	0.5000	1/2		205	134				M14x1.50	\$10.82	617	9006170127000
13.100	0.5157	33/64		205	134		9/16-18		M14x1.00	\$14.81	617	9006170131000
13.890	0.5469	35/64		214	140	5/8-11				\$16.01	617	9006170138900
15.080	0.5937	19/32		227	149				M16x1.00	\$18.12	617	9006170150800
15.480	0.6094	39/64		227	149					\$18.64	617	9006170154800
15.870	0.6248	5/8		227	149			M18x2.50		\$18.12	617	9006170158700

*Recommended tap drill sizes fall within 65%-75% thread range

powertap™
MADE IN GERMANY UNIVERSAL TAPS

MADE BY
GUHRING

Guhring's Powertap is a new family of **general purpose** taps combining **quality** with an extremely **aggressive price point** – simply **unbeatable!**

ADVANTAGES:

- UNMATCHABLE PRICE / PERFORMANCE RATIO
- PREMIUM HSS-E AND PM COBALT TAPS
- GUHRING PRECISION GROUND THREADS
- SPIRAL POINT AND SPIRAL FLUTE SERIES AVAILABLE
- STEAM OXIDE OR TiCN COATING
- UNC, UNF, METRIC AND MF SIZES FROM STOCK
- MAXIMUM PROCESS RELIABILITY

www.guhring.com/ProductsServices/ViewProductLine/Powertap



GUHRING PVD Hard Coatings

In-house coating chambers at our Brookfield, WI location - contact coating@guhring.com for pricing



TiN coating



Max. application temperature: <600° C
Color: Golden yellow
Structure: Single-layer
Hardness: 2300 HV0.05

Introduced by Guhring at the beginning of the 1980's, TiN-coating is applied to HSS and carbide for drilling operations as a cost-efficient general purpose coating.



FIREX®/nano-FIREX® coating



Max. application temperature: <800° C
Color: Violet
Structure: Multi-layer
Hardness: 3300 HV0.05

FIREX® and nano-FIREX® coatings contain aluminum, titanium and nitrogen. These coatings were introduced towards the end of the 1990's and are a further development of the TiN-coating. They excel thanks to increased hardness and good thermochemical resistance, they are suitable for HSS and carbide.



TiAlN coating



Max. application temperature: <800° C
Color: Violet
Structure: Single-layer
Hardness: 3300 HV0.05

The TiAlN coating displays similar characteristics to FIREX and nano-FIREX and with its single-layer structure is mostly applied in the field of micro-precision drills.



nano-A coating



Max. application temperature: <900° C
Color: Blue violet
Structure: Multi-layer, nano-structured
Hardness: 3300 HV0.05

TiAlN based nano-A has proven itself in the machining of stainless steels and is suitable for drilling cast iron, nickel based alloys and cobalt chrome alloys. Thanks to its nano-layered structure the fracture growth is delayed. Furthermore, thanks to its adapted composition it possesses higher thermochemical resistance than other TiAlN-based coatings.



Sirius coating



Max. application temperature: < 900°C
Color: Pale golden
Structure: Multi-layer, nano-structured
Hardness: 3400 HV0.05

Sirius, essentially based on AlTiN is especially suitable for the machining of stainless steels. Thanks to the nano-structured design, it displays good hardness and toughness. The zircon containing top layer coating is to largely eliminate chemical reactions with the material and therefore encourage chip evacuation.

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