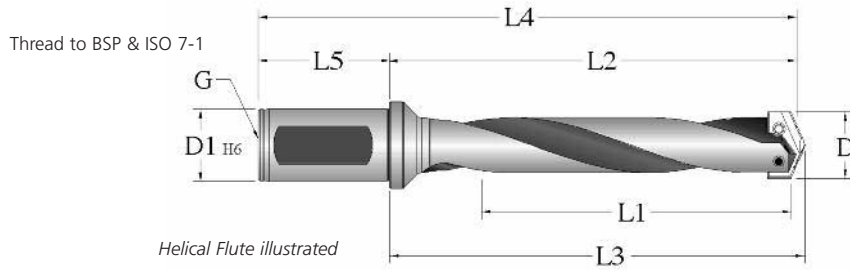




# 3 Series T-A® Holders

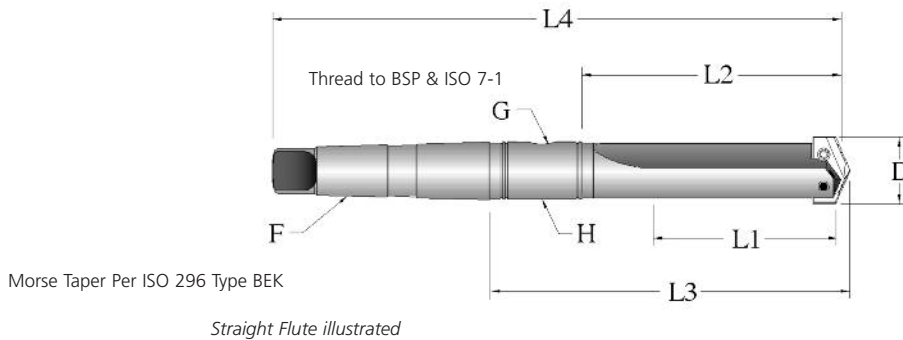


## Flanged Straight Shank

Available Ex-Stock

Holder Reference Number	Flute Type	Holder Type	Drill Range D	Max Drill Depth L1	Flute Lth L2	New Tool Lth L3	Overall Lth L4	Shank Dia/Length D1 L5	Pipe Tap G *
21030S-40FM	Straight	Stub	34.37-47.80	76.2	125.0	129.8	195.1	40.0 70.1	1/4" 1/4"
22030S-40FM	Straight	Short	34.37-47.80	121	173	177.8	243.1	40.0 70.1	1/4" N/A
23030H-40FM	Helical	Intermediate	34.37-47.80	165	217.5	222.3	287.6	40.0 70.1	1/4" N/A
24030H-40FM	Helical	Standard	34.37-47.80	210	261.9	266.7	332	40.0 70.1	1/4" N/A
25030S-40FM	Straight	Extended	34.37-47.80	349.3	401.6	406.4	471.7	40.0 70.1	1/4" N/A
27030S-40FM	Straight	XL	34.37-47.80	558.8	611.1	615.9	681.2	40.0 70.1	1/4" N/A
29030S-40FM	Straight	3XL	34.37-47.80	787.4	839.7	844.5	909.8	40.0 70.1	1/4" N/A

\*Note: Stub Length includes additional side coolant port.



## Taper Shank

Available Ex-Stock

Holder Reference Number	Flute Type	Holder Type	Drill Range D	Max Drill Depth L1	Flute Lth L2	New Tool Lth L3	Overall Lth L4	MT F	RCA H	Pipe Tap G
22030S-004M	Straight	Short	34.37-47.80	121	152.4	206.4	319.1	4	4SRM	1/4"
23030H-004M	Helical	Intermediate	34.37-47.80	165	196.9	250.9	363.6	4	4SRM	1/4"
24030H-004M	Helical	Standard	34.37-47.80	210	241.3	295.3	408	4	4SRM	1/4"
25030S-004M	Straight	Extended	34.37-47.80	349	381	435	547.7	4	4SRM	1/4"
27030S-004I	Straight	XL	34.37-47.80	558.8	590.6	644.6	757.2	4	4SRM	1/4"
29030S-004I	Straight	3XL	34.37-47.80	787.4	819.2	873.2	985.8	4	4SRM	1/4"

# 3 Series T-A® Drill Inserts



## 3 Series GEN2 T-A™ HSS CPM-M4

Diameter Range 34.37 to 47.80

AMEC's new patented geometry offers substantial increases in penetration rates and tool life. Smoother break-out on through holes, increased drill stability, improved chip formation, and lower drill forces. Excellent choice for general purpose use, particularly suited for low rigidity difficult machining applications. Recommended for drilling most steels, cast irons, high temperature alloys and aluminium alloys up to 275 Bhn 96kg.



Diameter			Item Number, Coating and Availability							
Ø Inch	Ø Metric (mm)	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 <sup>3</sup> / <sub>32</sub> "	35.72	1.4063"	433H-0113	◆	433T-0113	○	433A-0113	◆	433N-0113	◆
	36.00	1.4173"	433H-36	◆	433T-36	●	433A-36	◆	433N-36	◆
1 <sup>7</sup> / <sub>16</sub> "	36.51	1.4375"	433H-0114	◆	433T-0114	○	433A-0114	◆	433N-0114	◆
	37.00	1.4567"	433H-37	◆	433T-37	●	433A-37	◆	433N-37	◆
1 <sup>15</sup> / <sub>32</sub> "	37.31	1.4688"	433H-0115	◆	433T-0115	○	433A-0115	◆	433N-0115	◆
	38.00	1.4961"	433H-38	◆	433T-38	●	433A-38	◆	433N-38	◆
1 <sup>1</sup> / <sub>2</sub> "	38.10	1.5000"	433H-0116	◆	433T-0116	○	433A-0116	◆	433N-0116	◆
1 <sup>17</sup> / <sub>32</sub> "	38.89	1.5313"	433H-0117	◆	433T-0117	○	433A-0117	◆	433N-0117	◆
	39.00	1.5354"	433H-39	◆	433T-39	●	433A-39	◆	433N-39	◆
1 <sup>9</sup> / <sub>16</sub> "	39.69	1.5625"	433H-0118	◆	433T-0118	○	433A-0118	◆	433N-0118	◆
	40.00	1.5748"	433H-40	◆	433T-40	●	433A-40	◆	433N-40	◆
1 <sup>19</sup> / <sub>32</sub> "	40.48	1.5938"	433H-0119	◆	433T-0119	○	433A-0119	◆	433N-0119	◆
	41.00	1.6142"	433H-41	◆	433T-41	●	433A-41	◆	433N-41	◆
1 <sup>5</sup> / <sub>8</sub> "	41.28	1.6250"	433H-0120	◆	433T-0120	○	433A-0120	◆	433N-0120	◆
	42.00	1.6535"	433H-42	◆	433T-42	●	433A-42	◆	433N-42	◆
1 <sup>21</sup> / <sub>32</sub> "	42.07	1.6563"	433H-0121	◆	433T-0121	○	433A-0121	◆	433N-0121	◆
1 <sup>11</sup> / <sub>16</sub> "	42.86	1.6875"	433H-0122	◆	433T-0122	○	433A-0122	◆	433N-0122	◆
	43.00	1.6929"	433H-43	◆	433T-43	●	433A-43	◆	433N-43	◆
1 <sup>23</sup> / <sub>32</sub> "	43.66	1.7188"	433H-0123	◆	433T-0123	○	433A-0123	◆	433N-0123	◆
	44.00	1.7323"	433H-44	◆	433T-44	●	433A-44	◆	433N-44	◆
1 <sup>3</sup> / <sub>4</sub> "	44.45	1.7500"	433H-0124	◆	433T-0124	○	433A-0124	◆	433N-0124	◆
	45.00	1.7717"	433H-45	◆	433T-45	●	433A-45	◆	433N-45	◆
1 <sup>25</sup> / <sub>32</sub> "	45.24	1.7813"	433H-0125	◆	433T-0125	○	433A-0125	◆	433N-0125	◆
	46.00	1.8110"	433H-46	◆	433T-46	●	433A-46	◆	433N-46	◆
1 <sup>13</sup> / <sub>16</sub> "	46.04	1.8125"	433H-0126	◆	433T-0126	○	433A-0126	◆	433N-0126	◆
1 <sup>27</sup> / <sub>32</sub> "	46.83	1.8438"	433H-0127	◆	433T-0127	○	433A-0127	◆	433N-0127	◆
	47.00	1.8504"	433H-47	◆	433T-47	●	433A-47	◆	433N-47	◆
1 <sup>7</sup> / <sub>8</sub> "	47.63	1.8750"	433H-0128	◆	433T-0128	○	433A-0128	◆	433N-0128	◆

Supplied in 1 piece packages.

## 3 Series GEN2 T-A™ HSS Super Cobalt

Diameter Range 34.37 to 47.80

AMEC's new patented geometry offers substantial increases in penetration rates and tool life. Smoother break-out on through holes, increased drill stability, improved chip formation, and lower drill forces. Particularly suited for good to rigid machining applications, primarily used for drilling exotic and high alloy materials, or general use when the SFM needs to be increased. For use in material hardness up to 350 Bhn 121Kg.



	35.72	1.4063"	453H-0113	○	453T-0113	○	453A-0113	◆	453N-0113	◆
	36.00	1.4173"	453H-36	●	453T-36	●	453A-36	◆	453N-36	◆
1 <sup>7</sup> / <sub>16</sub> "	36.51	1.4375"	453H-0114	○	453T-0114	○	453A-0114	◆	453N-0114	◆
	37.00	1.4567"	453H-37	●	453T-37	●	453A-37	◆	453N-37	◆
1 <sup>15</sup> / <sub>32</sub> "	37.31	1.4688"	453H-0115	○	453T-0115	○	453A-0115	◆	453N-0115	◆
	38.00	1.4961"	453H-38	●	453T-38	●	453A-38	◆	453N-38	◆
1 <sup>1</sup> / <sub>2</sub> "	38.10	1.5000"	453H-0116	○	453T-0116	○	453A-0116	◆	453N-0116	◆
1 <sup>17</sup> / <sub>32</sub> "	38.89	1.5313"	453H-0117	○	453T-0117	○	453A-0117	◆	453N-0117	◆
	39.00	1.5354"	453H-39	●	453T-39	●	453A-39	◆	453N-39	◆
1 <sup>9</sup> / <sub>16</sub> "	39.69	1.5625"	453H-0118	○	453T-0118	○	453A-0118	◆	453N-0118	◆
	40.00	1.5748"	453H-40	●	453T-40	●	453A-40	◆	453N-40	◆
1 <sup>19</sup> / <sub>32</sub> "	40.48	1.5938"	453H-0119	○	453T-0119	○	453A-0119	◆	453N-0119	◆
	41.00	1.6142"	453H-41	●	453T-41	●	453A-41	◆	453N-41	◆
1 <sup>5</sup> / <sub>8</sub> "	41.28	1.6250"	453H-0120	○	453T-0120	○	453A-0120	◆	453N-0120	◆
	42.00	1.6535"	453H-42	●	453T-42	●	453A-42	◆	453N-42	◆
1 <sup>21</sup> / <sub>32</sub> "	42.07	1.6563"	453H-0121	○	453T-0121	○	453A-0121	◆	453N-0121	◆



# 3 Series T-A® Drill Inserts

## 3 Series GEN2 T-A™ HSS Super Cobalt

Diameter Range 34.37 to 47.80

Diameter			Item Number, Coating and Availability							
Ø Inch	Ø Metric (mm)	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 1/16"	42.86	1.6875"	453H-0122	○	453T-0122	○	453A-0122	◆	453N-0122	◆
	43.00	1.6929"	453H-43	●	453T-43	●	453A-43	◆	453N-43	◆
1 23/32"	43.66	1.7188"	453H-0123	○	453T-0123	○	453A-0123	◆	453N-0123	◆
	44.00	1.7323"	453H-44	●	453T-44	●	453A-44	◆	453N-44	◆
1 3/4"	44.45	1.7500"	453H-0124	○	453T-0124	○	453A-0124	◆	453N-0124	◆
	45.00	1.7717"	453H-45	●	453T-45	●	453A-45	◆	453N-45	◆
1 25/32"	45.24	1.7813"	453H-0125	○	453T-0125	○	453A-0125	◆	453N-0125	◆
	46.00	1.8110"	453H-46	●	453T-46	●	453A-46	◆	453N-46	◆
1 13/16"	46.04	1.8125"	453H-0126	○	453T-0126	○	453A-0126	◆	453N-0126	◆
1 27/32"	46.83	1.8438"	453H-0127	○	453T-0127	○	453A-0127	◆	453N-0127	◆
	47.00	1.8504"	453H-47	●	453T-47	●	453A-47	◆	453N-47	◆
1 7/8"	47.63	1.8750"	453H-0128	○	453T-0128	○	453A-0128	◆	453N-0128	◆

Supplied in 1 piece packages.

## 3 Series GEN2 T-A™ HSS Premium Cobalt

Diameter Range 34.37 to 47.80

AMEC's new patented geometry offers substantial increases in penetration rates and tool life. Smoother break-out on through holes, increased drill stability, improved chip formation, and lower drill forces. Particularly suited for rigid machining applications primarily used for drilling exotic and high alloy materials, or general use when the SFM needs to be increased. For use in material hardness up to 400 Bhn 139Kg.



1 7/16"	35.72	1.4063"	483H-0113	◆	483T-0113	◆	483A-0113	◆	483N-0113	◆
	36.00	1.4173"	483H-36	◆	483T-36	◆	483A-36	◆	483N-36	◆
1 15/32"	36.51	1.4375"	483H-0114	◆	483T-0114	◆	483A-0114	◆	483N-0114	◆
	37.00	1.4567"	483H-37	◆	483T-37	◆	483A-37	◆	483N-37	◆
1 1/2"	37.31	1.4688"	483H-0115	◆	483T-0115	◆	483A-0115	◆	483N-0115	◆
	38.00	1.4961"	483H-38	◆	483T-38	◆	483A-38	◆	483N-38	◆
1 17/32"	38.10	1.5000"	483H-0116	◆	483T-0116	◆	483A-0116	◆	483N-0116	◆
	38.89	1.5313"	483H-0117	◆	483T-0117	◆	483A-0117	◆	483N-0117	◆
1 9/16"	39.00	1.5354"	483H-39	◆	483T-39	◆	483A-39	◆	483N-39	◆
	39.69	1.5625"	483H-0118	◆	483T-0118	◆	483A-0118	◆	483N-0118	◆
1 19/32"	40.00	1.5748"	483H-40	◆	483T-40	◆	483A-40	◆	483N-40	◆
	40.48	1.5938"	483H-0119	◆	483T-0119	◆	483A-0119	◆	483N-0119	◆
1 5/8"	41.00	1.6142"	483H-41	◆	483T-41	◆	483A-41	◆	483N-41	◆
	41.28	1.6250"	483H-0120	◆	483T-0120	◆	483A-0120	◆	483N-0120	◆
1 21/32"	42.00	1.6535"	483H-42	◆	483T-42	◆	483A-42	◆	483N-42	◆
	42.07	1.6563"	483H-0121	◆	483T-0121	◆	483A-0121	◆	483N-0121	◆
1 11/16"	42.86	1.6875"	483H-0122	◆	483T-0122	◆	483A-0122	◆	483N-0122	◆
	43.00	1.6929"	483H-43	◆	483T-43	◆	483A-43	◆	483N-43	◆
1 23/32"	43.66	1.7188"	483H-0123	◆	483T-0123	◆	483A-0123	◆	483N-0123	◆
	44.00	1.7323"	483H-44	◆	483T-44	◆	483A-44	◆	483N-44	◆
1 3/4"	44.45	1.7500"	483H-0124	◆	483T-0124	◆	483A-0124	◆	483N-0124	◆
	45.00	1.7717"	483H-45	◆	483T-45	◆	483A-45	◆	483N-45	◆
1 25/32"	45.24	1.7813"	483H-0125	◆	483T-0125	◆	483A-0125	◆	483N-0125	◆
	46.00	1.8110"	483H-46	◆	483T-46	◆	483A-46	◆	483N-46	◆
1 13/16"	46.04	1.8125"	483H-0126	◆	483T-0126	◆	483A-0126	◆	483N-0126	◆
1 27/32"	46.83	1.8438"	483H-0127	◆	483T-0127	◆	483A-0127	◆	483N-0127	◆
	47.00	1.8504"	483H-47	◆	483T-47	◆	483A-47	◆	483N-47	◆
1 7/8"	47.63	1.8750"	483H-0128	◆	483T-0128	◆	483A-0128	◆	483N-0128	◆

Supplied in 1 piece packages.

# 3 Series T-A® Drill Inserts



## 3 Series Standard T-A® HSS CPM-M4

Diameter Range 34.37 to 47.80

Excellent choice for general purpose use, particularly suited for low rigidity difficult machining applications. Recommended for drilling most steels, cast irons, high temperature alloys and aluminium alloys up to 275 Bhn 96kg.



Diameter			Item Number, Coating and Availability							
Ø Inch	Ø Metric (mm)	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 <sup>3</sup> / <sub>32</sub> "	35.72	1.4063"	133H-0113	◆	133T-0113	◆	133A-0113	◆	133N-0113	◆
	36.00	1.4173"	133H-36	◆	133T-36	◆	133A-36	◆	133N-36	◆
1 <sup>7</sup> / <sub>16</sub> "	36.51	1.4375"	133H-0114	◆	133T-0114	◆	133A-0114	◆	133N-0114	◆
	37.00	1.4567"	133H-37	◆	133T-37	◆	133A-37	◆	133N-37	◆
1 <sup>5</sup> / <sub>32</sub> "	37.31	1.4688"	133H-0115	◆	133T-0115	◆	133A-0115	◆	133N-0115	◆
	38.00	1.4961"	133H-38	◆	133T-38	◆	133A-38	◆	133N-38	◆
1 <sup>1</sup> / <sub>2</sub> "	38.10	1.5000"	133H-0116	◆	133T-0116	◆	133A-0116	◆	133N-0116	◆
1 <sup>17</sup> / <sub>32</sub> "	38.89	1.5313"	133H-0117	◆	133T-0117	◆	133A-0117	◆	133N-0117	◆
	39.00	1.5354"	133H-39	◆	133T-39	◆	133A-39	◆	133N-39	◆
1 <sup>9</sup> / <sub>16</sub> "	39.69	1.5625"	133H-0118	◆	133T-0118	◆	133A-0118	◆	133N-0118	◆
	40.00	1.5748"	133H-40	◆	133T-40	◆	133A-40	◆	133N-40	◆
1 <sup>19</sup> / <sub>32</sub> "	40.48	1.5938"	133H-0119	◆	133T-0119	◆	133A-0119	◆	133N-0119	◆
	41.00	1.6142"	133H-41	◆	133T-41	◆	133A-41	◆	133N-41	◆
1 <sup>5</sup> / <sub>8</sub> "	41.28	1.6250"	133H-0120	◆	133T-0120	◆	133A-0120	◆	133N-0120	◆
	42.00	1.6535"	133H-42	◆	133T-42	◆	133A-42	◆	133N-42	◆
1 <sup>21</sup> / <sub>32</sub> "	42.07	1.6563"	133H-0121	◆	133T-0121	◆	133A-0121	◆	133N-0121	◆
1 <sup>11</sup> / <sub>16</sub> "	42.86	1.6875"	133H-0122	◆	133T-0122	◆	133A-0122	◆	133N-0122	◆
	43.00	1.6929"	133H-43	◆	133T-43	◆	133A-43	◆	133N-43	◆
1 <sup>23</sup> / <sub>32</sub> "	43.66	1.7188"	133H-0123	◆	133T-0123	◆	133A-0123	◆	133N-0123	◆
	44.00	1.7323"	133H-44	◆	133T-44	◆	133A-44	◆	133N-44	◆
1 <sup>3</sup> / <sub>4</sub> "	44.45	1.7500"	133H-0124	◆	133T-0124	◆	133A-0124	◆	133N-0124	◆
	45.00	1.7717"	133H-45	◆	133T-45	◆	133A-45	◆	133N-45	◆
1 <sup>25</sup> / <sub>32</sub> "	45.24	1.7813"	133H-0125	◆	133T-0125	◆	133A-0125	◆	133N-0125	◆
	46.00	1.8110"	133H-46	◆	133T-46	◆	133A-46	◆	133N-46	◆
1 <sup>13</sup> / <sub>16</sub> "	46.04	1.8125"	133H-0126	◆	133T-0126	◆	133A-0126	◆	133N-0126	◆
1 <sup>27</sup> / <sub>32</sub> "	46.83	1.8438"	133H-0127	◆	133T-0127	◆	133A-0127	◆	133N-0127	◆
	47.00	1.8504"	133H-47	◆	133T-47	◆	133A-47	◆	133N-47	◆
1 <sup>7</sup> / <sub>8</sub> "	47.63	1.8750"	133H-0128	◆	133T-0128	◆	133A-0128	◆	133N-0128	◆

Supplied in 1 piece packages.

## 3 Series Standard T-A® HSS Super Cobalt

Diameter Range 34.37 to 47.80

Particularly suited for good to rigid machining applications, primarily used for drilling exotic and high alloy materials, or general use when the SFM needs to be increased. For use in material hardness up to 350 Bhn 121Kg.



1 <sup>3</sup> / <sub>32</sub> "	35.72	1.4063"	153H-0113	◆	153T-0113	◆	153A-0113	◆	153N-0113	◆
	36.00	1.4173"	153H-36	◆	153T-36	◆	153A-36	◆	153N-36	◆
1 <sup>7</sup> / <sub>16</sub> "	36.51	1.4375"	153H-0114	◆	153T-0114	◆	153A-0114	◆	153N-0114	◆
	37.00	1.4567"	153H-37	◆	153T-37	◆	153A-37	◆	153N-37	◆
1 <sup>5</sup> / <sub>32</sub> "	37.31	1.4688"	153H-0115	◆	153T-0115	◆	153A-0115	◆	153N-0115	◆
	38.00	1.4961"	153H-38	◆	153T-38	◆	153A-38	◆	153N-38	◆
1 <sup>1</sup> / <sub>2</sub> "	38.10	1.5000"	153H-0116	◆	153T-0116	◆	153A-0116	◆	153N-0116	◆
1 <sup>17</sup> / <sub>32</sub> "	38.89	1.5313"	153H-0117	◆	153T-0117	◆	153A-0117	◆	153N-0117	◆
	39.00	1.5354"	153H-39	◆	153T-39	◆	153A-39	◆	153N-39	◆
1 <sup>9</sup> / <sub>16</sub> "	39.69	1.5625"	153H-0118	◆	153T-0118	◆	153A-0118	◆	153N-0118	◆
	40.00	1.5748"	153H-40	◆	153T-40	◆	153A-40	◆	153N-40	◆
1 <sup>19</sup> / <sub>32</sub> "	40.48	1.5938"	153H-0119	◆	153T-0119	◆	153A-0119	◆	153N-0119	◆
	41.00	1.6142"	153H-41	◆	153T-41	◆	153A-41	◆	153N-41	◆
1 <sup>5</sup> / <sub>8</sub> "	41.28	1.6250"	153H-0120	◆	153T-0120	◆	153A-0120	◆	153N-0120	◆
	42.00	1.6535"	153H-42	◆	153T-42	◆	153A-42	◆	153N-42	◆
1 <sup>21</sup> / <sub>32</sub> "	42.07	1.6563"	153H-0121	◆	153T-0121	◆	153A-0121	◆	153N-0121	◆



# 3 Series T-A® Drill Inserts

## 3 Series Standard T-A® HSS Super Cobalt

Diameter Range 34.37 to 47.80

Diameter			Item Number, Coating and Availability							
Ø Inch	Ø Metric (mm)	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 1/16"	42.86	1.6875"	153H-0122	◆	153T-0122	◆	153A-0122	◆	153N-0122	◆
	43.00	1.6929"	153H-43	◆	153T-43	◆	153A-43	◆	153N-43	◆
1 23/32"	43.66	1.7188"	153H-0123	◆	153T-0123	◆	153A-0123	◆	153N-0123	◆
	44.00	1.7323"	153H-44	◆	153T-44	◆	153A-44	◆	153N-44	◆
1 3/4"	44.45	1.7500"	153H-0124	◆	153T-0124	◆	153A-0124	◆	153N-0124	◆
	45.00	1.7717"	153H-45	◆	153T-45	◆	153A-45	◆	153N-45	◆
1 25/32"	45.24	1.7813"	153H-0125	◆	153T-0125	◆	153A-0125	◆	153N-0125	◆
	46.00	1.8110"	153H-46	◆	153T-46	◆	153A-46	◆	153N-46	◆
1 3/16"	46.04	1.8125"	153H-0126	◆	153T-0126	◆	153A-0126	◆	153N-0126	◆
1 27/32"	46.83	1.8438"	153H-0127	◆	153T-0127	◆	153A-0127	◆	153N-0127	◆
	47.00	1.8504"	153H-47	◆	153T-47	◆	153A-47	◆	153N-47	◆
1 7/8"	47.63	1.8750"	153H-0128	◆	153T-0128	◆	153A-0128	◆	153N-0128	◆

Supplied in 1 piece packages.

## 3 Series Standard T-A® K20 Carbide

Diameter Range 34.37 to 47.80

Excellent choice for drilling high temperature alloys, titanium alloys, cast aluminium, wrought aluminium, SG/Nodular cast iron, grey/white iron, aluminium bronze, brass, copper, and certain stainless steels refer to technical section.



1 13/32"	35.72	1.4063"	1C23H-0113	◆	1C23T-0113	○	1C23A-0113	○	1C23N-0113	◆
	36.00	1.4173"	1C23H-36	◆	1C23T-36	○	1C23A-36	●	1C23N-36	◆
1 7/16"	36.51	1.4375"	1C23H-0114	◆	1C23T-0114	○	1C23A-0114	○	1C23N-0114	◆
	37.00	1.4567"	1C23H-37	◆	1C23T-37	○	1C23A-37	●	1C23N-37	◆
1 15/32"	37.31	1.4688"	1C23H-0115	◆	1C23T-0115	○	1C23A-0115	○	1C23N-0115	◆
	38.00	1.4961"	1C23H-38	◆	1C23T-38	○	1C23A-38	●	1C23N-38	◆
1 1/2"	38.10	1.5000"	1C23H-0116	◆	1C23T-0116	○	1C23A-0116	○	1C23N-0116	◆
1 17/32"	38.89	1.5313"	1C23H-0117	◆	1C23T-0117	○	1C23A-0117	○	1C23N-0117	◆
	39.00	1.5354"	1C23H-39	◆	1C23T-39	○	1C23A-39	●	1C23N-39	◆
1 9/16"	39.69	1.5625"	1C23H-0118	◆	1C23T-0118	○	1C23A-0118	○	1C23N-0118	◆
	40.00	1.5748"	1C23H-40	◆	1C23T-40	○	1C23A-40	●	1C23N-40	◆
1 19/32"	40.48	1.5938"	1C23H-0119	◆	1C23T-0119	○	1C23A-0119	○	1C23N-0119	◆
	41.00	1.6142"	1C23H-41	◆	1C23T-41	○	1C23A-41	●	1C23N-41	◆
1 5/8"	41.28	1.6250"	1C23H-0120	◆	1C23T-0120	○	1C23A-0120	○	1C23N-0120	◆
	42.00	1.6535"	1C23H-42	◆	1C23T-42	○	1C23A-42	●	1C23N-42	◆
1 21/32"	42.07	1.6563"	1C23H-0121	◆	1C23T-0121	○	1C23A-0121	○	1C23N-0121	◆
1 11/16"	42.86	1.6875"	1C23H-0122	◆	1C23T-0122	○	1C23A-0122	○	1C23N-0122	◆
	43.00	1.6929"	1C23H-43	◆	1C23T-43	○	1C23A-43	●	1C23N-43	◆
1 23/32"	43.66	1.7188"	1C23H-0123	◆	1C23T-0123	○	1C23A-0123	○	1C23N-0123	◆
	44.00	1.7323"	1C23H-44	◆	1C23T-44	○	1C23A-44	●	1C23N-44	◆
1 3/4"	44.45	1.7500"	1C23H-0124	◆	1C23T-0124	○	1C23A-0124	○	1C23N-0124	◆
	45.00	1.7717"	1C23H-45	◆	1C23T-45	○	1C23A-45	●	1C23N-45	◆
1 25/32"	45.24	1.7813"	1C23H-0125	◆	1C23T-0125	○	1C23A-0125	○	1C23N-0125	◆
	46.00	1.8110"	1C23H-46	◆	1C23T-46	○	1C23A-46	●	1C23N-46	◆
1 3/16"	46.04	1.8125"	1C23H-0126	◆	1C23T-0126	○	1C23A-0126	○	1C23N-0126	◆
1 27/32"	46.83	1.8438"	1C23H-0127	◆	1C23T-0127	○	1C23A-0127	○	1C23N-0127	◆
	47.00	1.8504"	1C23H-47	◆	1C23T-47	○	1C23A-47	●	1C23N-47	◆
1 7/8"	47.63	1.8750"	1C23H-0128	◆	1C23T-0128	○	1C23A-0128	○	1C23N-0128	◆

Supplied in 1 piece packages.

# 3 Series T-A® Drill Inserts



## 3 Series Standard T-A® P40 Carbide

Diameter Range 34.37 to 47.80

Excellent choice for drilling, free machining steel, low/medium carbon steels, alloy steels, high strength steels, tool steels, hardened steels, and certain stainless steels refer to technical section.



Diameter			Item Number, Coating and Availability							
Ø Inch	Ø mm	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 13/32"	35.72	1.4063"	1C53H-0113	◆	1C53T-0113	○	1C53A-0113	○	1C53N-0113	◆
	36.00	1.4173"	1C53H-36	◆	1C53T-36	○	1C53A-36	○	1C53N-36	◆
1 7/16"	36.51	1.4375"	1C53H-0114	◆	1C53T-0114	○	1C53A-0114	○	1C53N-0114	◆
	37.00	1.4567"	1C53H-37	◆	1C53T-37	○	1C53A-37	○	1C53N-37	◆
1 15/32"	37.31	1.4688"	1C53H-0115	◆	1C53T-0115	○	1C53A-0115	○	1C53N-0115	◆
	38.00	1.4961"	1C53H-38	◆	1C53T-38	○	1C53A-38	○	1C53N-38	◆
1 1/2"	38.10	1.5000"	1C53H-0116	◆	1C53T-0116	○	1C53A-0116	○	1C53N-0116	◆
1 17/32"	38.89	1.5313"	1C53H-0117	◆	1C53T-0117	○	1C53A-0117	○	1C53N-0117	◆
	39.00	1.5354"	1C53H-39	◆	1C53T-39	○	1C53A-39	○	1C53N-39	◆
1 9/16"	39.69	1.5625"	1C53H-0118	◆	1C53T-0118	○	1C53A-0118	○	1C53N-0118	◆
	40.00	1.5748"	1C53H-40	◆	1C53T-40	○	1C53A-40	○	1C53N-40	◆
1 19/32"	40.48	1.5938"	1C53H-0119	◆	1C53T-0119	○	1C53A-0119	○	1C53N-0119	◆
	41.00	1.6142"	1C53H-41	◆	1C53T-41	○	1C53A-41	○	1C53N-41	◆
1 5/8"	41.28	1.6250"	1C53H-0120	◆	1C53T-0120	○	1C53A-0120	○	1C53N-0120	◆
	42.00	1.6535"	1C53H-42	◆	1C53T-42	○	1C53A-42	○	1C53N-42	◆
1 21/32"	42.07	1.6563"	1C53H-0121	◆	1C53T-0121	○	1C53A-0121	○	1C53N-0121	◆
	42.86	1.6875"	1C53H-0122	◆	1C53T-0122	○	1C53A-0122	○	1C53N-0122	◆
1 11/16"	43.00	1.6929"	1C53H-43	◆	1C53T-43	○	1C53A-43	○	1C53N-43	◆
	43.66	1.7188"	1C53H-0123	◆	1C53T-0123	○	1C53A-0123	○	1C53N-0123	◆
1 3/4"	44.00	1.7323"	1C53H-44	◆	1C53T-44	○	1C53A-44	○	1C53N-44	◆
	44.45	1.7500"	1C53H-0124	◆	1C53T-0124	○	1C53A-0124	○	1C53N-0124	◆
1 25/32"	45.00	1.7717"	1C53H-45	◆	1C53T-45	○	1C53A-45	○	1C53N-45	◆
	45.24	1.7813"	1C53H-0125	◆	1C53T-0125	○	1C53A-0125	○	1C53N-0125	◆
1 13/16"	46.00	1.8110"	1C53H-46	◆	1C53T-46	○	1C53A-46	○	1C53N-46	◆
	46.04	1.8125"	1C53H-0126	◆	1C53T-0126	○	1C53A-0126	○	1C53N-0126	◆
1 27/32"	46.83	1.8438"	1C53H-0127	◆	1C53T-0127	○	1C53A-0127	○	1C53N-0127	◆
	47.00	1.8504"	1C53H-47	◆	1C53T-47	○	1C53A-47	○	1C53N-47	◆
1 7/8"	47.63	1.8750"	1C53H-0128	◆	1C53T-0128	○	1C53A-0128	○	1C53N-0128	◆

Supplied in 1 piece packages.

## 3 Series Standard T-A® HSS Super Cobalt - 90° Spot and Chamfer

Diameter Range 34.37 to 47.80

Highly efficient geometry is combined with a centre cutting web designed to improve stability and strength. The primary use is to spot and chamfer, eliminating the need for secondary operations. One tool will cover a wide application range by simply adjusting the depth.



1 13/32"	35,72	1.4063"	153H-0113-SP	◆	153T-0113-SP	◆	153A-0113-SP	◆	153N-0113-SP	◆
	36,00	1.4173"	153H-36-SP	◆	153T-36-SP	◆	153A-36-SP	◆	153N-36-SP	◆
1 7/16"	36,51	1.4375"	153H-0114-SP	◆	153T-0114-SP	◆	153A-0114-SP	◆	153N-0114-SP	◆
	37,00	1.4567"	153H-37-SP	◆	153T-37-SP	◆	153A-37-SP	◆	153N-37-SP	◆
1 15/32"	37,31	1.4688"	153H-0115-SP	◆	153T-0115-SP	◆	153A-0115-SP	◆	153N-0115-SP	◆
	38,00	1.4961"	153H-38-SP	◆	153T-38-SP	◆	153A-38-SP	◆	153N-38-SP	◆
1 1/2"	38,10	1.5000"	153H-0116-SP	◆	153T-0116-SP	◆	153A-0116-SP	◆	153N-0116-SP	◆
1 17/32"	38,89	1.5313"	153H-0117-SP	◆	153T-0117-SP	◆	153A-0117-SP	◆	153N-0117-SP	◆
	39,00	1.5354"	153H-39-SP	◆	153T-39-SP	◆	153A-39-SP	◆	153N-39-SP	◆
1 9/16"	39,69	1.5625"	153H-0118-SP	◆	153T-0118-SP	◆	153A-0118-SP	◆	153N-0118-SP	◆
	40,00	1.5748"	153H-40-SP	◆	153T-40-SP	◆	153A-40-SP	◆	153N-40-SP	◆
1 19/32"	40,48	1.5938"	153H-0119-SP	◆	153T-0119-SP	◆	153A-0119-SP	◆	153N-0119-SP	◆
	41,00	1.6142"	153H-41-SP	◆	153T-41-SP	◆	153A-41-SP	◆	153N-41-SP	◆
1 5/8"	41,28	1.6250"	153H-0120-SP	◆	153T-0120-SP	◆	153A-0120-SP	◆	153N-0120-SP	◆
	42,00	1.6535"	153H-42-SP	◆	153T-42-SP	◆	153A-42-SP	◆	153N-42-SP	◆
1 21/32"	42,07	1.6563"	153H-0121-SP	◆	153T-0121-SP	◆	153A-0121-SP	◆	153N-0121-SP	◆



# 3 Series T-A® Drill Inserts

## 3 Series Standard T-A® HSS Super Cobalt - 90° Spot and Chamfer

Diameter Range 34.37 to 47.80

Diameter			Item Number, Coating and Availability							
Ø Inch	Ø mm	Ø Decimal	AM200™	Stk.	TiN	Stk.	TiAlN	Stk.	TiCN	Stk.
1 <sup>11</sup> / <sub>16</sub> "	42,86	1.6875"	153H-0122-SP	◆	153T-0122-SP	◆	153A-0122-SP	◆	153N-0122-SP	◆
	43,00	1.6929"	153H-43-SP	◆	153T-43-SP	◆	153A-43-SP	◆	153N-43-SP	◆
1 <sup>23</sup> / <sub>32</sub> "	43,66	1.7188"	153H-0123-SP	◆	153T-0123-SP	◆	153A-0123-SP	◆	153N-0123-SP	◆
	44,00	1.7323"	153H-44-SP	◆	153T-44-SP	◆	153A-44-SP	◆	153N-44-SP	◆
1 <sup>3</sup> / <sub>4</sub> "	44,45	1.7500"	153H-0124-SP	◆	153T-0124-SP	◆	153A-0124-SP	◆	153N-0124-SP	◆
	45,00	1.7717"	153H-45-SP	◆	153T-45-SP	◆	153A-45-SP	◆	153N-45-SP	◆
1 <sup>25</sup> / <sub>32</sub> "	45,24	1.7813"	153H-0125-SP	◆	153T-0125-SP	◆	153A-0125-SP	◆	153N-0125-SP	◆
	46,00	1.8110"	153H-46-SP	◆	153T-46-SP	◆	153A-46-SP	◆	153N-46-SP	◆
1 <sup>13</sup> / <sub>16</sub> "	46,04	1.8125"	153H-0126-SP	◆	153T-0126-SP	◆	153A-0126-SP	◆	153N-0126-SP	◆
1 <sup>27</sup> / <sub>32</sub> "	46,83	1.8438"	153H-0127-SP	◆	153T-0127-SP	◆	153A-0127-SP	◆	153N-0127-SP	◆
	47,00	1.8504"	153H-47-SP	◆	153T-47-SP	◆	153A-47-SP	◆	153N-47-SP	◆
1 <sup>7</sup> / <sub>8</sub> "	47,63	1.8750"	153H-0128-SP	◆	153T-0128-SP	●	153A-0128-SP	○	153N-0128-SP	○

Supplied in 1 piece packages.

### Stk. - Stock Availability.

- Stock Item.
- Stocked in limited quantities, advanced planning is recommended.
- ◆ Non-stock standard. Normal delivery 5 to 6 weeks.

**Any non-standard size available.**