i-Dream Drill INSERTS & HOLDERS

-Features of *i-Dream Drill* Inserts-

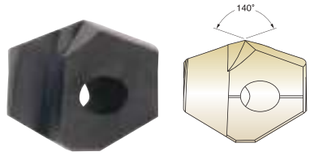
- Secure and accurate seating resulting in accurate repeatability and concentricity.

i-Dream Drill General

- For most steels materials

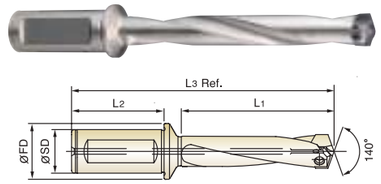
i-Dream Drill INOX

- For tough,ductile materials and stainless steels
- Light,sharp cutting edge
- Soft cutting action
- Minimize cutting forces
- Reduce built-up edge



Features of *i-Dream Drill* Holders-

- Special Alloy Steels that maintains its hardness and toughness under high temperatures.
- Innovative surface treatment that improves wear resistance and reduces corrosion.
- High Performance flute design allowing maximum chip evacuation and minimum interference.



Series Range (mm)	Insert EDP No. General (TiAlN)	Insert EDP No. INOX (TiCN)	Insert O.D. h7 dec.	Insert O.D. h7 frac.	Insert O.D. h7 mm	Drilling Depth	Holder EDP No.	Shank Dia. SD	Shank Length L2	Flange Dia. FD	Flute Length L1	Overall Length L3 Ref.	Screw No.
A Ø12.00 to Ø13.99	YA1A1200	YA2C1200	0.4724		12.00	3D	ZH12003020	20	50	25	36	112.4	TX1213T08
	YA1A1210	YA2C1210	0.4764		12.10	5D	ZH12005020				60	136.4	
	YA1A1220	YA2C1220	0.4803		12.20	7D	ZH12007020				84	160.4	
	YA1A1230	YA2C1230	0.4844	31/64	12.30								
	YA1A1250	YA2C1250	0.4921		12.50								
	YA1A1260	YA2C1260	0.4961		12.60	3D	ZH12503020	20	50	25	37.5	113.4	
	YA1A1270	YA2C1270	0.5000	1/2	12.70	5D	ZH12505020				62.5	138.4	
	YA1A1280	YA2C1280	0.5039		12.80	7D	ZH12507020				87.5	163.4	
	YA1A1290	YA2C1290	0.5079		12.90								
	YA1A1300	YA2C1300	0.5118		13.00	3D	ZH13003020	20	50	25	39	115.4	TX1314T08
	YA1A1310	YA2C1310	0.5156	33/64	13.10	5D	ZH13005020				65	141.4	
	YA1A1320	YA2C1320	0.5197		13.20	7D	ZH13007020				91	167.4	
	YA1A1349	YA2C1349	0.5312	17/32	13.49								
	YA1A1350	YA2C1350	0.5315		13.50								
	YA1A1360	YA2C1360	0.5354		13.60	3D	ZH13503020	20	50	25	40.5	116.4	
	YA1A1370	YA2C1370	0.5394		13.70	5D	ZH13505020				67.5	143.4	
	YA1A1380	YA2C1380	0.5433		13.80	7D	ZH13507020				94.5	170.4	
	YA1A1389	YA2C1389	0.5469	35/64	13.89								
B Ø14.00 to Ø15.99	YB1A1400	YB2C1400	0.5512		14.00	3D	ZH14003020	20	50	25	42	118.9	TX1415T08
	YB1A1410	YB2C1410	0.5551		14.10	5D	ZH14005020				70	146.9	
	YB1A1420	YB2C1420	0.5591		14.20	7D	ZH14007020				98	174.9	
	YB1A1429	YB2C1429	0.5625	9/16	14.29								
	YB1A1430	YB2C1430	0.5630		14.30								
	YB1A1440	YB2C1440	0.5669		14.40								
	YB1A1450	YB2C1450	0.5709		14.50	3D	ZH14503020	20	50	25	43.5	120.9	
	YB1A1460	YB2C1460	0.5748		14.60	5D	ZH14505020				72.5	149.9	
	YB1A1468	YB2C1468	0.5781	37/64	14.68	7D	ZH14507020				101.5	178.9	
	YB1A1480	YB2C1480	0.5827		14.80								
	YB1A1500	YB2C1500	0.5906		15.00	3D	ZH15003020	20	50	25	45	122.9	TX1516T08
	YB1A1508	YB2C1508	0.5938	19/32	15.08	5D	ZH15005020				75	152.9	
	YB1A1510	YB2C1510	0.5945		15.10	7D	ZH15007020				105	182.9	
	YB1A1520	YB2C1520	0.5984		15.20								
	YB1A1530	YB2C1530	0.6024		15.30								
	YB1A1548	YB2C1548	0.6094	39/64	15.48								
	YB1A1550	YB2C1550	0.6102		15.50	3D	ZH15503020	20	50	25	46.5	123.9	
	YB1A1560	YB2C1560	0.6142		15.60	5D	ZH15505020				77.5	154.9	
	YB1A1570	YB2C1570	0.6181		15.70	7D	ZH15507020				108.5	185.9	
	YB1A1580	YB2C1580	0.6220		15.80								
	YB1A1587	YB2C1587	0.6250	5/8	15.87								

▶TiN, TiCN, TiAlN & Hardslick are available on your request. ▶10×D Holder is available on your request.

i-Dream Drill INSERTS & HOLDERS

-Features of *i-Dream Drill* Inserts-

- Secure and accurate seating resulting in accurate repeatability and concentricity.

i-Dream Drill General

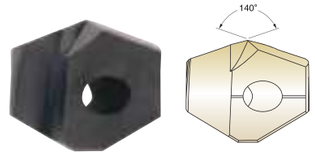
- For most steels materials

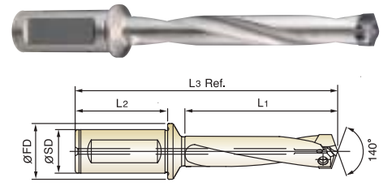
i-Dream Drill INOX

- For tough,ductile materials and stainless steels
- Light,sharp cutting edge
- Soft cutting action
- Minimize cutting forces
- Reduce built-up edge

Features of *i-Dream Drill* Holders-

- Special Alloy Steels that maintains its hardness and toughness under high temperatures.
- Innovative surface treatment that improves wear resistance and reduces corrosion.
- High Performance flute design allowing maximum chip evacuation and minimum interference.





Series Range (mm)	Insert EDP No. General (TiAlN)	Insert EDP No. INOX (TiCN)	Insert O.D. h7 dec.	Insert O.D. h7 frac.	Insert O.D. h7 mm	Drilling Depth	Holder EDP No.	Shank Dia. SD	Shank Length L2	Flange Dia. FD	Flute Length L1	Overall Length L3 Ref.	Screw No.
C Ø16.00 to Ø17.99	YC1A1600	YC2C1600	0.6299		16.00	3D	ZH16003020	20	50	25	48	125.0	TX1617T08
	YC1A1609	YC2C1609	0.6335		16.09	5D	ZH16005020				80	157.0	
	YC1A1620	YC2C1620	0.6378		16.20	7D	ZH16007020				112	189.0	
	YC1A1627	YC2C1627	0.6406	41/64	16.27								
	YC1A1630	YC2C1630	0.6417		16.30								
	YC1A1650	YC2C1650	0.6496		16.50	3D	ZH16503020	20	50	25	49.5	127.0	
	YC1A1667	YC2C1667	0.6562	21/32	16.67	5D	ZH16505020				82.5	160.0	
	YC1A1680	YC2C1680	0.6614		16.80	7D	ZH16507020				115.5	193.0	
	YC1A1700	YC2C1700	0.6693		17.00	3D	ZH17003020	20	50	25	51	128.0	TX1718T08
	YC1A1707	YC2C1707	0.6719	43/64	17.07	5D	ZH17005020				85	162.0	
	YC1A1746	YC2C1746	0.6875	11/16	17.46	7D	ZH17007020				119	196.0	
	YC1A1750	YC2C1750	0.6890		17.50	3D	ZH17503020	20	50	25	52.5	130.0	
	YC1A1780	YC2C1780	0.7008		17.80	5D	ZH17505020				87.5	165.0	
	YC1A1786	YC2C1786	0.7031	45/64	17.86	7D	ZH17507020				122.5	200.0	
D Ø18.00 to Ø19.99	YD1A1800	YD2C1800	0.7087		18.00	3D	ZH18003025	25	56	32	54	140.3	TX1819T15
						5D	ZH18005025				90	176.3	
	YD1A1826	YD2C1826	0.7188	23/32	18.26	7D	ZH18007025				126	212.3	
	YD1A1850	YD2C1850	0.7283		18.50	3D	ZH18503025	25	56	32	55.5	141.3	
	YD1A1865	YD2C1865	0.7344	47/64	18.65	5D	ZH18505025				92.5	178.3	
	YD1A1880	YD2C1880	0.7402		18.80	7D	ZH18507025				129.5	215.3	
	YD1A1900	YD2C1900	0.7480		19.00	3D	ZH19003025	25	56	32	57	144.3	TX1920T15
	YD1A1905	YD2C1905	0.7500	3/4	19.05	5D	ZH19005025				95	182.3	
	YD1A1927	YD2C1927	0.7587		19.27	7D	ZH19007025				133	220.3	
	YD1A1945	YD2C1945	0.7656	49/64	19.45								
	YD1A1950	YD2C1950	0.7677		19.50	3D	ZH19503025	25	56	32	58.5	145.3	
	YD1A1980	YD2C1980	0.7795		19.80	5D	ZH19505025				97.5	184.3	
	YD1A1984	YD2C1984	0.7812	25/32	19.84	7D	ZH19507025				136.5	223.3	
E Ø20.00 to Ø21.99	YE1A2000	YE2C2000	0.7874		20.00	3D	ZH20003025	25	56	32	60	145.5	TX2021T20
						5D	ZH20005025				100	185.5	
	YE1A2024	YE2C2024	0.7969	51/64	20.24	7D	ZH20007025				140	225.5	
	YE1A2050	YE2C2050	0.8071		20.50	3D	ZH20503025	25	56	32	61.5	147.5	
	YE1A2064	YE2C2064	0.8125	13/16	20.64	5D	ZH20505025				102.5	188.5	
	YE1A2070	YE2C2070	0.8150		20.70	7D	ZH20507025				143.5	229.5	
	YE1A2100	YE2C2100	0.8268		21.00	3D	ZH21003025	25	56	32	63	149.5	TX2122T20
	YE1A2103	YE2C2103	0.8281	53/64	21.03	5D	ZH21005025				105	191.5	
	YE1A2143	YE2C2143	0.8438	27/32	21.43	7D	ZH21007025				147	233.5	
	YE1A2150	YE2C2150	0.8465		21.50	3D	ZH21503025	25	56	32	64.5	150.5	
	YE1A2170	YE2C2170	0.8543		21.70	5D	ZH21505025				107.5	193.5	
	YE1A2183	YE2C2183	0.8594	55/64	21.83	7D	ZH21507025				150.5	236.5	

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i-Dream Drill INSERTS & HOLDERS

-Features of *i-Dream Drill* Inserts-

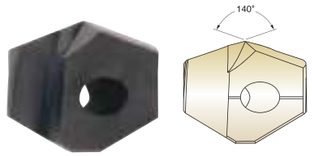
- Secure and accurate seating resulting in accurate repeatability and concentricity.

i-Dream Drill General

- For most steels materials

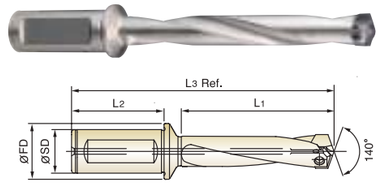
i-Dream Drill INOX

- For tough,ductile materials and stainless steels
- Light,sharp cutting edge
- Soft cutting action
- Minimize cutting forces
- Reduce built-up edge



Features of *i-Dream Drill* Holders-

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Series Range (mm)	Insert EDP No. General (TiAlN)	Insert EDP No. INOX (TiCN)	Insert O.D. h7 dec.	Insert O.D. h7 frac.	Insert O.D. h7 mm	Drilling Depth	Holder EDP No.	Shank Dia. SD	Shank Length L2	Flange Dia. FD	Flute Length L1	Overall Length L3 Ref.	Screw No.
F Ø22.00 to Ø23.99	YF1A2200	YF2C2200	0.8661		22.00	3D	ZH22003025	25	56	32	66	152.4	TX2223T20
						5D	ZH22005025				110	196.4	
	YF1A2223	YF2C2223	0.8750	7/8	22.23	7D	ZH22007025				154	240.4	
	YF1A2250	YF2C2250	0.8858		22.50	3D	ZH22503025				67.5	153.4	
	YF1A2262	YF2C2262	0.8906	57/64	22.62	5D	ZH22505025	25	56	32	112.5	198.4	
	YF1A2270	YF2C2270	0.8937		22.70	7D	ZH22507025				157.5	243.4	
	YF1A2300	YF2C2300	0.9055		23.00	3D	ZH23003025				69	155.4	TX2324T20
	YF1A2302	YF2C2302	0.9062	29/32	23.02	5D	ZH23005025	25	56	32	115	201.4	
	YF1A2342	YF2C2342	0.9219	59/64	23.42	7D	ZH23007025				161	247.4	
	YF1A2350	YF2C2350	0.9252		23.50	3D	ZH23503025				70.5	157.4	
	YF1A2370	YF2C2370	0.9331		23.70	5D	ZH23505025	25	56	32	117.5	204.4	
	YF1A2381	YF2C2381	0.9375	15/16	23.81	7D	ZH23507025				164.5	251.4	
G Ø24.00 to Ø25.99	YG1A2400	YG2C2400	0.9449		24.00	3D	ZH24003032	32	60	37	72	164.8	TX2425T20
						5D	ZH24005032				120	212.8	
	YG1A2421	YG2C2421	0.9531	61/64	24.21	7D	ZH24007032				168	260.8	
	YG1A2450	YG2C2450	0.9646		24.50	3D	ZH24503032				73.5	165.8	
	YG1A2461	YG2C2461	0.9688	31/32	24.61	5D	ZH24505032	32	60	37	122.5	214.8	
	YG1A2470	YG2C2470	0.9724		24.70	7D	ZH24507032				171.5	263.8	
	YG1A2500	YG2C2500	0.9843	63/64	25.00	3D	ZH25003032				75	167.8	TX2526T20
						5D	ZH25005032	32	60	37	125	217.8	
	YG1A2540	YG2C2540	1.0000	1	25.40	7D	ZH25007032				175	267.8	
	YG1A2550	YG2C2550	1.0039		25.50	3D	ZH25503032				76.5	170.8	
	YG1A2567	YG2C2567	1.0106		25.67	5D	ZH25505032	32	60	37	127.5	221.8	
	YG1A2570	YG2C2570	1.0118		25.70	7D	ZH25507032				178.5	272.8	
	YG1A2580	YG2C2580	1.0156	1*1/64	25.80								
H Ø26.00 to Ø27.99	YH1A2600	YH2C2600	1.0236		26.00	3D	ZH26003032	32	60	37	78	171.2	TX2627T25
						5D	ZH26005032				130	223.2	
	YH1A2619	YH2C2619	1.0312	1*1/32	26.19	7D	ZH26007032				182	275.2	
	YH1A2650	YH2C2650	1.0433		26.50	3D	ZH26503032				79.5	172.2	
	YH1A2659	YH2C2659	1.0469	1*3/64	26.59	5D	ZH26505032	32	60	37	132.5	225.2	
	YH1A2699	YH2C2699	1.0625	1*1/16	26.99	7D	ZH26507032				185.5	278.2	
	YH1A2700	YH2C2700	1.0630		27.00	3D	ZH27003032	32	60	37	81	174.2	TX2728T25
						5D	ZH27005032				135	228.2	
						7D	ZH27007032				189	282.2	
	YH1A2750	YH2C2750	1.0827		27.50	3D	ZH27503032				82.5	175.2	
						5D	ZH27505032	32	60	37	137.5	230.2	
	YH1A2778	YH2C2778	1.0938	1*3/32	27.78	7D	ZH27507032				192.5	285.2	

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i-Dream Drill INSERTS & HOLDERS

-Features of *i-Dream Drill* Inserts-

- Secure and accurate seating resulting in accurate repeatability and concentricity.

i-Dream Drill General

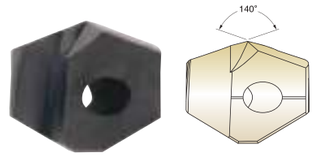
- For most steels materials

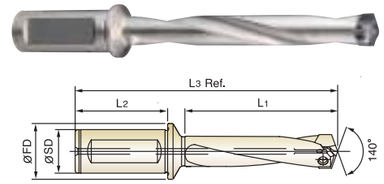
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Features of *i-Dream Drill* Holders-

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Series Range (mm)	Insert EDP No. General (TiAlN)	Insert EDP No. INOX (TiCN)	Insert O.D. h7 dec.	Insert O.D. h7 frac.	Insert O.D. h7 mm	Drilling Depth	Holder EDP No.	Shank Dia. SD	Shank Length L2	Flange Dia. FD	Flute Length L1	Overall Length L3 Ref.	Screw No.
I Ø28.00 to Ø29.99	YI1A2800	YI2C2800	1.1024		28.00	3D	ZH28003032	32	60	37	84	178.2	TX2829T25
						5D	ZH28005032				140	234.2	
	YI1A2818	YI2C2818	1.1094	1*7/64	28.18	7D	ZH28007032				196	290.2	
	YI1A2850	YI2C2850	1.1220		28.50	3D	ZH28503032				85.5	179.2	
						5D	ZH28505032	32	60	37	142.5	236.2	
	YI1A2858	YI2C2858	1.1250	1*1/8	28.58	7D	ZH28507032				199.5	293.2	
	YI1A2900	YI2C2900	1.1417		29.00	3D	ZH29003032				87	182.2	TX2930T25
						5D	ZH29005032	32	60	37	145	240.2	
	YI1A2937	YI2C2937	1.1562	1*5/32	29.37	7D	ZH29007032				203	298.2	
	YI1A2950	YI2C2950	1.1614		29.50	3D	ZH29503032				88.5	183.2	
						5D	ZH29505032	32	60	37	147.5	242.2	
	YI1A2977	YI2C2977	1.1719	1*11/64	29.77	7D	ZH29507032				206.5	301.2	
J Ø30.00 to Ø31.99	YJ1A3000	YJ2C3000	1.1811		30.00	3D	ZH30003032	32	60	37	90	186.0	TX3031T25
						5D	ZH30005032				150	246.0	
	YJ1A3016	YJ2C3016	1.1875	1*3/16	30.16	7D	ZH30007032				210	306.0	
	YJ1A3050	YJ2C3050	1.2008		30.50	3D	ZH30503032				91.5	187.0	
	YJ1A3056	YJ2C3056	1.2031	1*11/64	30.56	5D	ZH30505032	32	60	37	152.5	248.0	
	YJ1A3096	YJ2C3096	1.2188	1*7/32	30.96	7D	ZH30507032				213.5	309.0	
	YJ1A3100	YJ2C3100	1.2205		31.00	3D	ZH31003032	32	60	37	93	188.0	TX3132T25
						5D	ZH31005032				155	250.0	
						7D	ZH31007032				217	312.0	
	YJ1A3150	YJ2C3150	1.2402		31.50	3D	ZH31503032	32	60	37	94.5	191.0	
						5D	ZH31505032				157.5	254.0	
	YJ1A3175	YJ2C3175	1.2500	1*1/4	31.75	7D	ZH31507032				220.5	317.0	

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▶10×D Holder is available on your request.

◎ : Excellent
○ : Good

	Non-alloyed Steels, Free Machining Steels	Carbon Steels		Alloy Steels		High Alloyed steels		Structural Steels		Tool Steels		Stainless Steels	Cast Iron		Aluminum	Copper Alloys
	~HRc24 (~HB250)	~HRc28 (~HB275)	HRc28~ (HB275~)	~HRc28 (~HB275)	HRc28~ (HB275~)	~HRc37 (~HB350)	HRc37~ (HB350~)	~HRc24 (~HB250)	HRc24~ (HB250~)	~HRc13 (~HB200)	HRc13~ (HB200~)	~HRc28 (~HB275)	~HRc19 (~HB220)	HRc19~ (HB220~)	~HRc8 (~HB180)	~HB110
Y＊1A	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		◎	◎		
Y＊2C	○	○		○				○		○		◎			○	○