

DREAM DRILLS GENERAL

SPECIAL PROMOTION

Carbide Drill with TiAlN Coating for **General Purpose**



SOLID CARBIDE DRILLS FOR ALL YOUR GENERAL NEEDS:

- Lengths: **From 1.0 to 20.0 mm.**
- Drilling depths: **3xD to 8xD**
- **With or without** internal coolant.
- High performance in steel, stainless steel, cast iron and more.
- Premium TiAlN coating for longer tool life.

PRECITOOL

BELGIUM

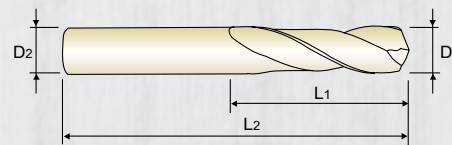


YG-1 EUROPE

DREAM DRILLS GENERAL without COOLANT HOLES (3XD)

DH404

- Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- Self centering and chip breaking by R-thinning
- Wave shape and negative land on the cutting edge for low thrust, stable torque and long tool life
- Optimized flute shape for strength of drilling and smooth chip evacuation



STUB

3 x D

EDP No.	Drill Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1=D2	L1	L2	
DH404030	3.0	16	46	8,84 €
DH404031	3.1	18	49	8,93 €
DH404032	3.2	18	49	8,93 €
DH404033	3.3	18	49	8,93 €
DH404034	3.4	20	52	8,93 €
DH404035	3.5	20	52	8,93 €
DH404036	3.6	20	52	9,20 €
DH404037	3.7	20	52	9,20 €
DH404038	3.8	22	55	9,20 €
DH404039	3.9	22	55	9,20 €
DH404040	4.0	22	55	9,20 €
DH404041	4.1	22	55	9,96 €
DH404042	4.2	22	55	9,96 €
DH404043	4.3	24	58	9,96 €
DH404044	4.4	24	58	9,96 €
DH404045	4.5	24	58	9,96 €
DH404046	4.6	24	58	11,76 €
DH404047	4.7	24	58	11,76 €
DH404048	4.8	26	62	11,76 €
DH404049	4.9	26	62	11,76 €
DH404050	5.0	26	62	11,76 €
DH404051	5.1	26	62	13,14 €
DH404052	5.2	26	62	13,14 €
DH404053	5.3	26	62	13,14 €
DH404054	5.4	28	66	13,14 €
DH404055	5.5	28	66	13,14 €
DH404056	5.6	28	66	13,71 €
DH404057	5.7	28	66	13,71 €

EDP No.	Drill Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1=D2	L1	L2	
DH404058	5.8	28	66	13,71 €
DH404059	5.9	28	66	13,71 €
DH404060	6.0	28	66	13,71 €
DH404061	6.1	31	70	15,03 €
DH404062	6.2	31	70	15,03 €
DH404063	6.3	31	70	15,03 €
DH404064	6.4	31	70	15,03 €
DH404065	6.5	31	70	15,03 €
DH404066	6.6	31	70	15,70 €
DH404067	6.7	31	70	15,70 €
DH404068	6.8	34	74	15,70 €
DH404069	6.9	34	74	15,70 €
DH404070	7.0	34	74	15,70 €
DH404071	7.1	34	74	17,73 €
DH404072	7.2	34	74	17,73 €
DH404073	7.3	34	74	17,73 €
DH404074	7.4	34	74	17,73 €
DH404075	7.5	34	74	17,73 €
DH404076	7.6	37	79	19,44 €
DH404077	7.7	37	79	19,44 €
DH404078	7.8	37	79	19,44 €
DH404079	7.9	37	79	19,44 €
DH404080	8.0	37	79	19,44 €
DH404081	8.1	37	79	21,53 €
DH404082	8.2	37	79	21,53 €
DH404083	8.3	37	79	21,53 €
DH404084	8.4	37	79	21,53 €
DH404085	8.5	37	79	21,53 €

► Other shank types are available on your request.

► NEXT PAGE

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

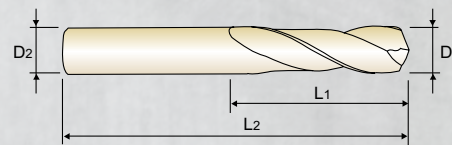
P										M				K					
Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙	○

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

DREAM DRILLS GENERAL without COOLANT HOLES (3XD)**DH404**

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust, stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation

DIN
6539

CARBIDE

30°

h6

h7

140°

TiAlN

**STUB****3 x D**

EDP No.	Drill Diameter D1=D2	Flute Length L1	Overall Length L2	Net Price
TiAlN	D1=D2	L1	L2	
DH404086	8.6	40	84	23,29 €
DH404087	8.7	40	84	23,29 €
DH404088	8.8	40	84	23,29 €
DH404089	8.9	40	84	23,29 €
DH404090	9.0	40	84	23,29 €
DH404091	9.1	40	84	25,06 €
DH404092	9.2	40	84	25,06 €
DH404093	9.3	40	84	25,06 €
DH404094	9.4	40	84	25,06 €
DH404095	9.5	40	84	25,06 €
DH404096	9.6	43	89	25,80 €
DH404097	9.7	43	89	25,80 €
DH404098	9.8	43	89	25,80 €
DH404099	9.9	43	89	25,80 €
DH404100	10.0	43	89	25,80 €
DH404102	10.2	43	89	29,40 €
DH404105	10.5	43	89	29,40 €
DH404110	11.0	47	95	32,93 €
DH404115	11.5	47	95	32,93 €
DH404120	12.0	51	102	32,93 €
DH404130	13.0	51	102	47,89 €
DH404135	13.5	54	107	50,39 €
DH404140	14.0	54	107	50,39 €
DH404145	14.5	56	111	58,54 €
DH404150	15.0	56	111	58,54 €
DH404155	15.5	58	115	61,86 €
DH404160	16.0	58	115	61,86 €
DH404165	16.5	60	119	62,77 €

EDP No.	Drill Diameter D1=D2	Flute Length L1	Overall Length L2	Net Price
TiAlN	D1=D2	L1	L2	
DH404170	17.0	60	119	62,77 €
DH404175	17.5	62	123	71,91 €
DH404180	18.0	62	123	71,91 €
DH404185	18.5	64	127	86,50 €
DH404190	19.0	64	127	86,50 €
DH404195	19.5	66	131	92,80 €
DH404200	20.0	66	131	92,80 €

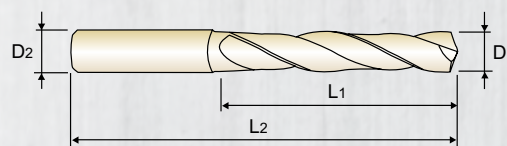
▶ Other shank types are available on your request.

◎ : Excellent ○ : Good																						
ISO	P											M			K							
Material Description	Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron			
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230		
Recommended		◎	◎	◎		◎	◎		○	◎		○		○	◎	○	◎	○	◎	○		
ISO	N									S							H					
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron	
VDI 3323	21	22	23	24	25	26	27	28	29	30		31	32	33	34	35	36	37	38	39	40	41
HRc												15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100				200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																			○			

◎ : Excellent ○ : Good

DREAM DRILLS GENERAL without COOLANT HOLES (3XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust, stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



SHORT

3 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH423030	3.0	6	20	62	14,39 €
DH423031	3.1	6	20	62	14,39 €
DH423032	3.2	6	20	62	14,39 €
DH423033	3.3	6	20	62	14,39 €
DH423034	3.4	6	20	62	14,39 €
DH423035	3.5	6	20	62	14,39 €
DH423036	3.6	6	20	62	14,39 €
DH423037	3.7	6	20	62	14,39 €
DH423038	3.8	6	24	66	14,39 €
DH423039	3.9	6	24	66	14,39 €
DH423040	4.0	6	24	66	14,39 €
DH423041	4.1	6	24	66	14,39 €
DH423042	4.2	6	24	66	14,39 €
DH423043	4.3	6	24	66	14,39 €
DH423044	4.4	6	24	66	14,39 €
DH423045	4.5	6	24	66	14,39 €
DH423046	4.6	6	24	66	14,39 €
DH423047	4.7	6	24	66	14,39 €
DH423048	4.8	6	28	66	14,39 €
DH423049	4.9	6	28	66	14,39 €
DH423050	5.0	6	28	66	14,39 €
DH423051	5.1	6	28	66	14,39 €
DH423052	5.2	6	28	66	14,39 €
DH423053	5.3	6	28	66	14,39 €
DH423054	5.4	6	28	66	14,39 €
DH423055	5.5	6	28	66	14,39 €
DH423056	5.6	6	28	66	14,39 €
DH423057	5.7	6	28	66	14,39 €
DH423058	5.8	6	28	66	14,39 €
DH423059	5.9	6	28	66	14,39 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH423060	6.0	6	28	66	14,39 €
DH423061	6.1	8	34	79	16,50 €
DH423062	6.2	8	34	79	16,50 €
DH423063	6.3	8	34	79	16,50 €
DH423064	6.4	8	34	79	16,50 €
DH423065	6.5	8	34	79	16,50 €
DH423066	6.6	8	34	79	16,50 €
DH423067	6.7	8	34	79	16,50 €
DH423068	6.8	8	34	79	16,50 €
DH423069	6.9	8	34	79	16,50 €
DH423070	7.0	8	34	79	16,50 €
DH423071	7.1	8	41	79	16,50 €
DH423072	7.2	8	41	79	16,50 €
DH423073	7.3	8	41	79	16,50 €
DH423074	7.4	8	41	79	16,50 €
DH423075	7.5	8	41	79	16,50 €
DH423076	7.6	8	41	79	16,50 €
DH423077	7.7	8	41	79	16,50 €
DH423078	7.8	8	41	79	16,50 €
DH423079	7.9	8	41	79	16,50 €
DH423080	8.0	8	41	79	16,50 €
DH423081	8.1	10	47	89	21,06 €
DH423082	8.2	10	47	89	21,06 €
DH423083	8.3	10	47	89	21,06 €
DH423084	8.4	10	47	89	21,06 €
DH423085	8.5	10	47	89	21,06 €
DH423086	8.6	10	47	89	21,06 €
DH423087	8.7	10	47	89	21,06 €
DH423088	8.8	10	47	89	21,06 €
DH423089	8.9	10	47	89	21,06 €

▶ Other shank types are available on your request.

▶ NEXT PAGE

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

P										M				K					
Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙	○

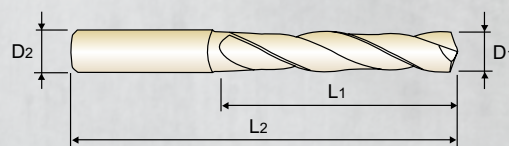
ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S								H		
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)				Non Metallic Materials		Heat Resistant Super Alloys				Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550

○

DREAM DRILLS GENERAL without COOLANT HOLES (3XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust, stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



SHORT

3 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH423090	9.0	10	47	89	21,06 €
DH423091	9.1	10	47	89	21,06 €
DH423092	9.2	10	47	89	21,06 €
DH423093	9.3	10	47	89	21,06 €
DH423094	9.4	10	47	89	21,06 €
DH423095	9.5	10	47	89	21,06 €
DH423096	9.6	10	47	89	21,06 €
DH423097	9.7	10	47	89	21,06 €
DH423098	9.8	10	47	89	21,06 €
DH423099	9.9	10	47	89	21,06 €
DH423100	10.0	10	47	89	21,06 €
DH423101	10.1	12	55	102	27,96 €
DH423102	10.2	12	55	102	27,96 €
DH423103	10.3	12	55	102	27,96 €
DH423104	10.4	12	55	102	27,96 €
DH423105	10.5	12	55	102	27,96 €
DH423106	10.6	12	55	102	27,96 €
DH423107	10.7	12	55	102	27,96 €
DH423108	10.8	12	55	102	27,96 €
DH423109	10.9	12	55	102	27,96 €
DH423110	11.0	12	55	102	27,96 €
DH423111	11.1	12	55	102	27,96 €
DH423112	11.2	12	55	102	27,96 €
DH423113	11.3	12	55	102	27,96 €
DH423114	11.4	12	55	102	27,96 €
DH423115	11.5	12	55	102	27,96 €
DH423116	11.6	12	55	102	27,96 €
DH423117	11.7	12	55	102	27,96 €
DH423118	11.8	12	55	102	27,96 €
DH423119	11.9	12	55	102	27,96 €

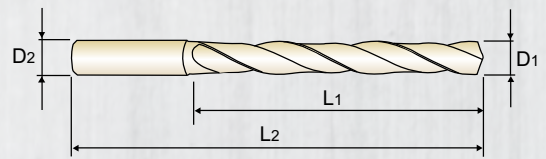
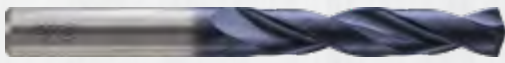
EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH423120	12.0	12	55	102	27,96 €
DH423123	12.3	14	60	107	43,63 €
DH423125	12.5	14	60	107	43,63 €
DH423128	12.8	14	60	107	43,63 €
DH423130	13.0	14	60	107	43,63 €
DH423135	13.5	14	60	107	43,63 €
DH423138	13.8	14	60	107	43,63 €
DH423140	14.0	14	60	107	43,63 €
DH423145	14.5	16	65	115	53,56 €
DH423148	14.8	16	65	115	53,56 €
DH423150	15.0	16	65	115	53,56 €
DH423155	15.5	16	65	115	53,56 €
DH423158	15.8	16	65	115	53,56 €
DH423160	16.0	16	65	115	53,56 €
DH423165	16.5	18	73	123	72,37 €
DH423168	16.8	18	73	123	72,37 €
DH423170	17.0	18	73	123	72,37 €
DH423175	17.5	18	73	123	72,37 €
DH423178	17.8	18	73	123	72,37 €
DH423180	18.0	18	73	123	72,37 €
DH423185	18.5	20	79	131	88,99 €
DH423190	19.0	20	79	131	88,99 €
DH423195	19.5	20	79	131	88,99 €
DH423198	19.8	20	79	131	88,99 €
DH423200	20.0	20	79	131	88,99 €

▶ Other shank types are available on your request.

◎ : Excellent ○ : Good																					
ISO	P											M			K						
Material Description	Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRc	13		25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25	21		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended	◎	◎	◎		◎	◎	◎	○	○	◎	○	○	○		◎	○	◎	○	◎	○	
ISO	N									S							H				
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																		○			

DREAM DRILLS GENERAL without COOLANT HOLES (5XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



LONG

5 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424010	1.0	3	8	55	14,84 €
DH424011	1.1	3	12	55	14,84 €
DH424012	1.2	3	12	55	14,84 €
DH424013	1.3	3	12	55	14,84 €
DH424014	1.4	3	12	55	14,84 €
DH424015	1.5	3	16	55	14,84 €
DH424016	1.6	3	16	55	14,84 €
DH424017	1.7	3	16	55	14,84 €
DH424018	1.8	3	16	55	14,84 €
DH424019	1.9	3	16	55	14,84 €
DH424020	2.0	4	21	57	14,84 €
DH424021	2.1	4	21	57	14,84 €
DH424022	2.2	4	21	57	14,84 €
DH424023	2.3	4	21	57	14,84 €
DH424024	2.4	4	21	57	14,84 €
DH424025	2.5	4	21	57	14,84 €
DH424026	2.6	4	21	57	14,84 €
DH424027	2.7	4	21	57	14,84 €
DH424028	2.8	4	21	57	14,84 €
DH424029	2.9	4	21	57	14,84 €
DH424030	3.0	6	28	66	18,37 €
DH424031	3.1	6	28	66	18,37 €
DH424032	3.2	6	28	66	18,37 €
DH424033	3.3	6	28	66	18,37 €
DH424034	3.4	6	28	66	18,37 €
DH424035	3.5	6	28	66	18,37 €
DH424036	3.6	6	28	66	18,37 €
DH424037	3.7	6	28	66	18,37 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424038	3.8	6	36	74	18,37 €
DH424039	3.9	6	36	74	18,37 €
DH424040	4.0	6	36	74	18,37 €
DH424041	4.1	6	36	74	18,37 €
DH424042	4.2	6	36	74	18,37 €
DH424043	4.3	6	36	74	18,37 €
DH424044	4.4	6	36	74	18,37 €
DH424045	4.5	6	36	74	18,37 €
DH424046	4.6	6	36	74	18,37 €
DH424047	4.7	6	36	74	18,37 €
DH424048	4.8	6	44	82	18,37 €
DH424049	4.9	6	44	82	18,37 €
DH424050	5.0	6	44	82	18,37 €
DH424051	5.1	6	44	82	18,37 €
DH424052	5.2	6	44	82	18,37 €
DH424053	5.3	6	44	82	18,37 €
DH424054	5.4	6	44	82	18,37 €
DH424055	5.5	6	44	82	18,37 €
DH424056	5.6	6	44	82	18,37 €
DH424057	5.7	6	44	82	18,37 €
DH424058	5.8	6	44	82	18,37 €
DH424059	5.9	6	44	82	18,37 €
DH424060	6.0	6	44	82	18,37 €
DH424061	6.1	8	53	91	19,80 €
DH424062	6.2	8	53	91	19,80 €
DH424063	6.3	8	53	91	19,80 €
DH424064	6.4	8	53	91	19,80 €
DH424065	6.5	8	53	91	19,80 €

▶ Other shank types are available on your request.

▶ NEXT PAGE

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

P											M			K					
Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○		⊙	○	⊙	○	⊙	○

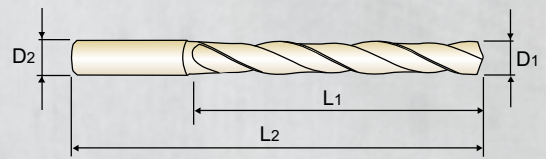
ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

⊙ : Excellent ○ : Good

DREAM DRILLS GENERAL without COOLANT HOLES (5XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



LONG

5 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424066	6.6	8	53	91	19,80 €
DH424067	6.7	8	53	91	19,80 €
DH424068	6.8	8	53	91	19,80 €
DH424069	6.9	8	53	91	19,80 €
DH424070	7.0	8	53	91	19,80 €
DH424071	7.1	8	53	91	19,80 €
DH424072	7.2	8	53	91	19,80 €
DH424073	7.3	8	53	91	19,80 €
DH424074	7.4	8	53	91	19,80 €
DH424075	7.5	8	53	91	19,80 €
DH424076	7.6	8	53	91	19,80 €
DH424077	7.7	8	53	91	19,80 €
DH424078	7.8	8	53	91	19,80 €
DH424079	7.9	8	53	91	19,80 €
DH424080	8.0	8	53	91	19,80 €
DH424081	8.1	10	61	103	25,50 €
DH424082	8.2	10	61	103	25,50 €
DH424083	8.3	10	61	103	25,50 €
DH424084	8.4	10	61	103	25,50 €
DH424085	8.5	10	61	103	25,50 €
DH424086	8.6	10	61	103	25,50 €
DH424087	8.7	10	61	103	25,50 €
DH424088	8.8	10	61	103	25,50 €
DH424089	8.9	10	61	103	25,50 €
DH424090	9.0	10	61	103	25,50 €
DH424091	9.1	10	61	103	25,50 €
DH424092	9.2	10	61	103	25,50 €
DH424093	9.3	10	61	103	25,50 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424094	9.4	10	61	103	25,50 €
DH424095	9.5	10	61	103	25,50 €
DH424096	9.6	10	61	103	25,50 €
DH424097	9.7	10	61	103	25,50 €
DH424098	9.8	10	61	103	25,50 €
DH424099	9.9	10	61	103	25,50 €
DH424100	10.0	10	61	103	25,50 €
DH424101	10.1	12	71	118	35,70 €
DH424102	10.2	12	71	118	35,70 €
DH424103	10.3	12	71	118	35,70 €
DH424104	10.4	12	71	118	35,70 €
DH424105	10.5	12	71	118	35,70 €
DH424106	10.6	12	71	118	35,70 €
DH424107	10.7	12	71	118	35,70 €
DH424108	10.8	12	71	118	35,70 €
DH424109	10.9	12	71	118	35,70 €
DH424110	11.0	12	71	118	35,70 €
DH424111	11.1	12	71	118	35,70 €
DH424112	11.2	12	71	118	35,70 €
DH424113	11.3	12	71	118	35,70 €
DH424114	11.4	12	71	118	35,70 €
DH424115	11.5	12	71	118	35,70 €
DH424116	11.6	12	71	118	35,70 €
DH424117	11.7	12	71	118	35,70 €
DH424118	11.8	12	71	118	35,70 €
DH424119	11.9	12	71	118	35,70 €
DH424120	12.0	12	71	118	35,70 €
DH424125	12.5	14	77	124	49,56 €

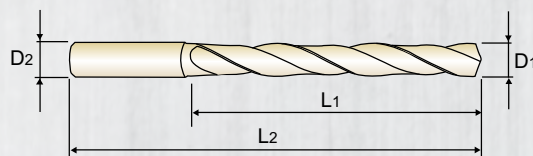
▶ Other shank types are available on your request.

▶ NEXT PAGE

◎ : Excellent ○ : Good																						
ISO	P										M				K							
Material Description	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230		
Recommended		◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
ISO	N										S							H				
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)				Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
HRc											15	30	25	38	34			55	60	42	55	
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550	
Recommended																		◎				

DREAM DRILLS GENERAL without COOLANT HOLES (5XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



LONG

5 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424130	13.0	14	77	124	49,56 €
DH424135	13.5	14	77	124	49,56 €
DH424140	14.0	14	77	124	49,56 €
DH424145	14.5	16	83	133	62,43 €
DH424150	15.0	16	83	133	62,43 €
DH424155	15.5	16	83	133	62,43 €
DH424160	16.0	16	83	133	62,43 €
DH424165	16.5	18	93	143	82,43 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH424170	17.0	18	93	143	82,43 €
DH424175	17.5	18	93	143	82,43 €
DH424180	18.0	18	93	143	82,43 €
DH424185	18.5	20	101	153	103,39 €
DH424190	19.0	20	101	153	103,39 €
DH424195	19.5	20	101	153	103,39 €
DH424200	20.0	20	101	153	103,39 €

▶ Other shank types are available on your request.

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

P										M				K					
Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙	○

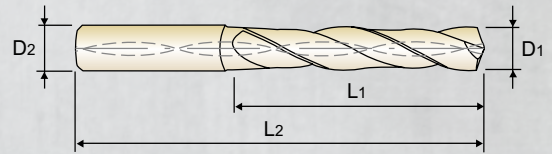
ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

⊙ : Excellent ○ : Good

DREAM DRILLS GENERAL with COOLANT HOLES (3XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation


SHORT
3 × D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH406030	3.0	6	20	62	20,74 €
DH406031	3.1	6	20	62	20,74 €
DH406032	3.2	6	20	62	20,74 €
DH406033	3.3	6	20	62	20,74 €
DH406034	3.4	6	20	62	20,74 €
DH406035	3.5	6	20	62	20,74 €
DH406036	3.6	6	20	62	20,74 €
DH406037	3.7	6	20	62	20,74 €
DH406038	3.8	6	24	66	20,74 €
DH406039	3.9	6	24	66	20,74 €
DH406040	4.0	6	24	66	20,74 €
DH406041	4.1	6	24	66	20,74 €
DH406042	4.2	6	24	66	20,74 €
DH406043	4.3	6	24	66	20,74 €
DH406044	4.4	6	24	66	20,74 €
DH406045	4.5	6	24	66	20,74 €
DH406046	4.6	6	24	66	20,74 €
DH406047	4.7	6	24	66	20,74 €
DH406048	4.8	6	28	66	20,74 €
DH406049	4.9	6	28	66	20,74 €
DH406050	5.0	6	28	66	20,74 €
DH406051	5.1	6	28	66	20,74 €
DH406052	5.2	6	28	66	20,74 €
DH406053	5.3	6	28	66	20,74 €
DH406054	5.4	6	28	66	20,74 €
DH406055	5.5	6	28	66	20,74 €
DH406056	5.6	6	28	66	20,74 €
DH406057	5.7	6	28	66	20,74 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH406058	5.8	6	28	66	20,74 €
DH406059	5.9	6	28	66	20,74 €
DH406060	6.0	6	28	66	20,74 €
DH406061	6.1	8	34	79	28,19 €
DH406062	6.2	8	34	79	28,19 €
DH406063	6.3	8	34	79	28,19 €
DH406064	6.4	8	34	79	28,19 €
DH406065	6.5	8	34	79	28,19 €
DH406066	6.6	8	34	79	28,19 €
DH406067	6.7	8	34	79	28,19 €
DH406068	6.8	8	34	79	28,19 €
DH406069	6.9	8	34	79	28,19 €
DH406070	7.0	8	34	79	28,19 €
DH406071	7.1	8	41	79	28,19 €
DH406072	7.2	8	41	79	28,19 €
DH406073	7.3	8	41	79	28,19 €
DH406074	7.4	8	41	79	28,19 €
DH406075	7.5	8	41	79	28,19 €
DH406076	7.6	8	41	79	28,19 €
DH406077	7.7	8	41	79	28,19 €
DH406078	7.8	8	41	79	28,19 €
DH406079	7.9	8	41	79	28,19 €
DH406080	8.0	8	41	79	28,19 €
DH406081	8.1	10	47	89	31,54 €
DH406082	8.2	10	47	89	31,54 €
DH406083	8.3	10	47	89	31,54 €
DH406084	8.4	10	47	89	31,54 €
DH406085	8.5	10	47	89	31,54 €

▶ Other shank types are available on your request.

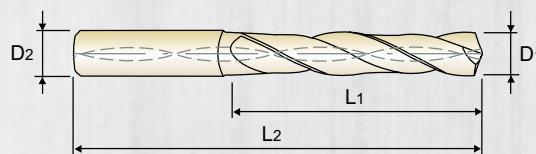
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◎ : Excellent ○ : Good																						
ISO	P											M			K							
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron			
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230		
Recommended		◎	◎	◎	○	◎	◎	○	○	◎	○	○	○	○	◎	○	◎	○	◎	○		
ISO	N										S							H				
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)				Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30		31	32	33	34	35	36	37	38	39	40	41
HRc												15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100				200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																			○			

DREAM DRILLS GENERAL with COOLANT HOLES (3XD)

DH406

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation



SHORT

3 x D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH406086	8.6	10	47	89	31,54 €
DH406087	8.7	10	47	89	31,54 €
DH406088	8.8	10	47	89	31,54 €
DH406089	8.9	10	47	89	31,54 €
DH406090	9.0	10	47	89	31,54 €
DH406091	9.1	10	47	89	31,54 €
DH406092	9.2	10	47	89	31,54 €
DH406093	9.3	10	47	89	31,54 €
DH406094	9.4	10	47	89	31,54 €
DH406095	9.5	10	47	89	31,54 €
DH406096	9.6	10	47	89	31,54 €
DH406097	9.7	10	47	89	31,54 €
DH406098	9.8	10	47	89	31,54 €
DH406099	9.9	10	47	89	31,54 €
DH406100	10.0	10	47	89	31,54 €
DH406101	10.1	12	55	102	45,19 €
DH406102	10.2	12	55	102	45,19 €
DH406103	10.3	12	55	102	45,19 €
DH406104	10.4	12	55	102	45,19 €
DH406105	10.5	12	55	102	45,19 €
DH406106	10.6	12	55	102	45,19 €
DH406107	10.7	12	55	102	45,19 €
DH406108	10.8	12	55	102	45,19 €
DH406109	10.9	12	55	102	45,19 €
DH406110	11.0	12	55	102	45,19 €
DH406111	11.1	12	55	102	45,19 €
DH406112	11.2	12	55	102	45,19 €
DH406113	11.3	12	55	102	45,19 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH406114	11.4	12	55	102	45,19 €
DH406115	11.5	12	55	102	45,19 €
DH406116	11.6	12	55	102	45,19 €
DH406117	11.7	12	55	102	45,19 €
DH406118	11.8	12	55	102	45,19 €
DH406119	11.9	12	55	102	45,19 €
DH406120	12.0	12	55	102	45,19 €
DH406125	12.5	14	60	107	63,14 €
DH406130	13.0	14	60	107	63,14 €
DH406135	13.5	14	60	107	63,14 €
DH406140	14.0	14	60	107	63,14 €
DH406145	14.5	16	65	115	79,57 €
DH406150	15.0	16	65	115	79,57 €
DH406155	15.5	16	65	115	79,57 €
DH406160	16.0	16	65	115	79,57 €
DH406165	16.5	18	73	123	130,64 €
DH406170	17.0	18	73	123	130,64 €
DH406175	17.5	18	73	123	130,64 €
DH406180	18.0	18	73	123	130,64 €
DH406185	18.5	20	79	131	142,74 €
DH406190	19.0	20	79	131	142,74 €
DH406195	19.5	20	79	131	142,74 €
DH406200	20.0	20	79	131	142,74 €

▶ Other shank types are available on your request.

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

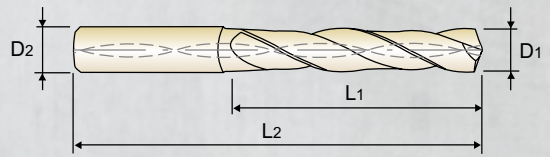
P											M			K					
Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙	○

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

DREAM DRILLS GENERAL with COOLANT HOLES (5XD)

- ▶ Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- ▶ Self centering and chip breaking by R-thinning
- ▶ Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- ▶ Optimized flute shape for strength of drilling and smooth chip evacuation

DIN
6537

CARBIDE

30°

h6

m7

140°

20 bar

TiAlN



5 x D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408010	1.0	3	8	55	24,00 €
DH408011	1.1	3	12	55	24,00 €
DH408012	1.2	3	12	55	24,00 €
DH408013	1.3	3	12	55	24,00 €
DH408014	1.4	3	12	55	24,00 €
DH408015	1.5	3	16	55	24,00 €
DH408016	1.6	3	16	55	24,00 €
DH408017	1.7	3	16	55	24,00 €
DH408018	1.8	3	16	55	24,00 €
DH408019	1.9	3	16	55	24,00 €
DH408020	2.0	4	21	57	24,00 €
DH408021	2.1	4	21	57	24,00 €
DH408022	2.2	4	21	57	24,00 €
DH408023	2.3	4	21	57	24,00 €
DH408024	2.4	4	21	57	24,00 €
DH408025	2.5	4	21	57	24,00 €
DH408026	2.6	4	21	57	24,00 €
DH408027	2.7	4	21	57	24,00 €
DH408028	2.8	4	21	57	24,00 €
DH408029	2.9	4	21	57	24,00 €
DH408030	3.0	6	28	66	26,61 €
DH408031	3.1	6	28	66	26,61 €
DH408032	3.2	6	28	66	26,61 €
DH408033	3.3	6	28	66	26,61 €
DH408034	3.4	6	28	66	26,61 €
DH408035	3.5	6	28	66	26,61 €
DH408036	3.6	6	28	66	26,61 €
DH408037	3.7	6	28	66	26,61 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408038	3.8	6	36	74	26,61 €
DH408039	3.9	6	36	74	26,61 €
DH408040	4.0	6	36	74	26,61 €
DH408041	4.1	6	36	74	26,61 €
DH408042	4.2	6	36	74	26,61 €
DH408043	4.3	6	36	74	26,61 €
DH408044	4.4	6	36	74	26,61 €
DH408045	4.5	6	36	74	26,61 €
DH408046	4.6	6	36	74	26,61 €
DH408047	4.7	6	36	74	26,61 €
DH408048	4.8	6	44	82	26,61 €
DH408049	4.9	6	44	82	26,61 €
DH408050	5.0	6	44	82	26,61 €
DH408051	5.1	6	44	82	26,61 €
DH408052	5.2	6	44	82	26,61 €
DH408053	5.3	6	44	82	26,61 €
DH408054	5.4	6	44	82	26,61 €
DH408055	5.5	6	44	82	26,61 €
DH408056	5.6	6	44	82	26,61 €
DH408057	5.7	6	44	82	26,61 €
DH408058	5.8	6	44	82	26,61 €
DH408059	5.9	6	44	82	26,61 €
DH408060	6.0	6	44	82	26,61 €
DH408061	6.1	8	53	91	29,40 €
DH408062	6.2	8	53	91	29,40 €
DH408063	6.3	8	53	91	29,40 €
DH408064	6.4	8	53	91	29,40 €
DH408065	6.5	8	53	91	29,40 €

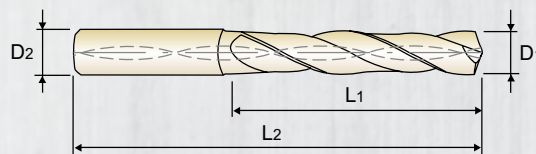
▶ Other shank types are available on your request.

▶ NEXT PAGE

◎ : Excellent ○ : Good																					
ISO	P											M		K							
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRc	13	25	28	32	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
ISO	N										S							H			
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)		Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron	
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																		◎			

DREAM DRILLS GENERAL with COOLANT HOLES (5XD)

- Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- Self centering and chip breaking by R-thinning
- Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- Optimized flute shape for strength of drilling and smooth chip evacuation



5 x D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408066	6.6	8	53	91	29,40 €
DH408067	6.7	8	53	91	29,40 €
DH408068	6.8	8	53	91	29,40 €
DH408069	6.9	8	53	91	29,40 €
DH408070	7.0	8	53	91	29,40 €
DH408071	7.1	8	53	91	29,40 €
DH408072	7.2	8	53	91	29,40 €
DH408073	7.3	8	53	91	29,40 €
DH408074	7.4	8	53	91	29,40 €
DH408075	7.5	8	53	91	29,40 €
DH408076	7.6	8	53	91	29,40 €
DH408077	7.7	8	53	91	29,40 €
DH408078	7.8	8	53	91	29,40 €
DH408079	7.9	8	53	91	29,40 €
DH408080	8.0	8	53	91	29,40 €
DH408081	8.1	10	61	103	35,00 €
DH408082	8.2	10	61	103	35,00 €
DH408083	8.3	10	61	103	35,00 €
DH408084	8.4	10	61	103	35,00 €
DH408085	8.5	10	61	103	35,00 €
DH408086	8.6	10	61	103	35,00 €
DH408087	8.7	10	61	103	35,00 €
DH408088	8.8	10	61	103	35,00 €
DH408089	8.9	10	61	103	35,00 €
DH408090	9.0	10	61	103	35,00 €
DH408091	9.1	10	61	103	35,00 €
DH408092	9.2	10	61	103	35,00 €
DH408093	9.3	10	61	103	35,00 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408094	9.4	10	61	103	35,00 €
DH408095	9.5	10	61	103	35,00 €
DH408096	9.6	10	61	103	35,00 €
DH408097	9.7	10	61	103	35,00 €
DH408098	9.8	10	61	103	35,00 €
DH408099	9.9	10	61	103	35,00 €
DH408100	10.0	10	61	103	35,00 €
DH408101	10.1	12	71	118	49,19 €
DH408102	10.2	12	71	118	49,19 €
DH408103	10.3	12	71	118	49,19 €
DH408104	10.4	12	71	118	49,19 €
DH408105	10.5	12	71	118	49,19 €
DH408106	10.6	12	71	118	49,19 €
DH408107	10.7	12	71	118	49,19 €
DH408108	10.8	12	71	118	49,19 €
DH408109	10.9	12	71	118	49,19 €
DH408110	11.0	12	71	118	49,19 €
DH408111	11.1	12	71	118	49,19 €
DH408112	11.2	12	71	118	49,19 €
DH408113	11.3	12	71	118	49,19 €
DH408114	11.4	12	71	118	49,19 €
DH408115	11.5	12	71	118	49,19 €
DH408116	11.6	12	71	118	49,19 €
DH408117	11.7	12	71	118	49,19 €
DH408118	11.8	12	71	118	49,19 €
DH408119	11.9	12	71	118	49,19 €
DH408120	12.0	12	71	118	49,19 €
DH408125	12.5	14	77	124	69,89 €

► Other shank types are available on your request.

► NEXT PAGE

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

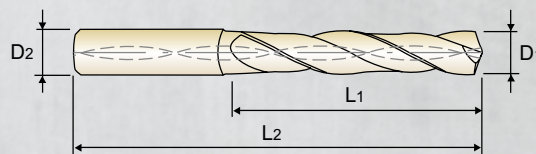
P											M			K					
Non-alloy steel					Low alloy steel			High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○		⊙	○	⊙	○	⊙	○

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

DREAM DRILLS GENERAL with COOLANT HOLES (5XD)

- Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- Self centering and chip breaking by R-thinning
- Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- Optimized flute shape for strength of drilling and smooth chip evacuation

DIN
6537

CARBIDE

30°

h6

m7

140°

20 bar

TiAIN



5 x D

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408130	13.0	14	77	124	69,89 €
DH408135	13.5	14	77	124	69,89 €
DH408140	14.0	14	77	124	69,89 €
DH408145	14.5	16	83	133	92,37 €
DH408150	15.0	16	83	133	92,37 €
DH408155	15.5	16	83	133	92,37 €
DH408160	16.0	16	83	133	92,37 €
DH408165	16.5	18	93	143	138,17 €

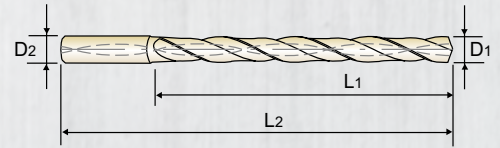
EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
Plain	D1	D2	L1	L2	
DH408170	17.0	18	93	143	138,17 €
DH408175	17.5	18	93	143	138,17 €
DH408180	18.0	18	93	143	138,17 €
DH408185	18.5	20	101	153	158,17 €
DH408190	19.0	20	101	153	158,17 €
DH408195	19.5	20	101	153	158,17 €
DH408200	20.0	20	101	153	158,17 €

► Other shank types are available on your request.

◎ : Excellent ○ : Good																					
ISO	P											M			K						
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended		◎	◎	◎		◎	◎		○	◎		○	○		◎	○		◎	○	◎	
ISO	N									S										H	
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																		○			

DREAM DRILLS GENERAL with COOLANT HOLES (8XD)**DH421**

- Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- Self centering and chip breaking by R-thinning
- Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- Optimized flute shape for strength of drilling and smooth chip evacuation

DIN
6537

CARBIDE

30°

h6

m7

140°

20 bar

TiAlN

**EXTRA LONG****8 × D**

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1	D2	L1	L2	
DH421030	3.0	6	34	72	52,47 €
DH421031	3.1	6	34	72	52,47 €
DH421032	3.2	6	34	72	52,47 €
DH421033	3.3	6	34	72	52,47 €
DH421034	3.4	6	34	72	52,47 €
DH421035	3.5	6	34	72	52,47 €
DH421036	3.6	6	34	72	52,47 €
DH421037	3.7	6	34	72	52,47 €
DH421038	3.8	6	43	81	52,47 €
DH421039	3.9	6	43	81	52,47 €
DH421040	4.0	6	43	81	52,47 €
DH421041	4.1	6	43	81	52,47 €
DH421042	4.2	6	43	81	52,47 €
DH421043	4.3	6	43	81	52,47 €
DH421044	4.4	6	43	81	52,47 €
DH421045	4.5	6	43	81	52,47 €
DH421046	4.6	6	43	81	52,47 €
DH421047	4.7	6	43	81	52,47 €
DH421048	4.8	6	57	95	52,47 €
DH421049	4.9	6	57	95	52,47 €
DH421050	5.0	6	57	95	52,47 €
DH421051	5.1	6	57	95	52,47 €
DH421052	5.2	6	57	95	52,47 €
DH421053	5.3	6	57	95	52,47 €
DH421054	5.4	6	57	95	52,47 €
DH421055	5.5	6	57	95	52,47 €
DH421056	5.6	6	57	95	52,47 €
DH421057	5.7	6	57	95	52,47 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1	D2	L1	L2	
DH421058	5.8	6	57	95	52,47 €
DH421059	5.9	6	57	95	52,47 €
DH421060	6.0	6	57	95	52,47 €
DH421061	6.1	8	76	114	57,11 €
DH421062	6.2	8	76	114	57,11 €
DH421063	6.3	8	76	114	57,11 €
DH421064	6.4	8	76	114	57,11 €
DH421065	6.5	8	76	114	57,11 €
DH421066	6.6	8	76	114	57,11 €
DH421067	6.7	8	76	114	57,11 €
DH421068	6.8	8	76	114	57,11 €
DH421069	6.9	8	76	114	57,11 €
DH421070	7.0	8	76	114	57,11 €
DH421071	7.1	8	76	114	57,11 €
DH421072	7.2	8	76	114	57,11 €
DH421073	7.3	8	76	114	57,11 €
DH421074	7.4	8	76	114	57,11 €
DH421075	7.5	8	76	114	57,11 €
DH421076	7.6	8	76	114	57,11 €
DH421077	7.7	8	76	114	57,11 €
DH421078	7.8	8	76	114	57,11 €
DH421079	7.9	8	76	114	57,11 €
DH421080	8.0	8	76	114	57,11 €
DH421081	8.1	10	95	142	78,23 €
DH421082	8.2	10	95	142	78,23 €
DH421083	8.3	10	95	142	78,23 €
DH421084	8.4	10	95	142	78,23 €
DH421085	8.5	10	95	142	78,23 €

► Other shank types are available on your request.

► NEXT PAGE

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

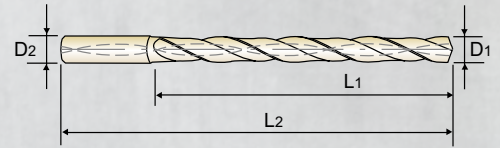
P											M			K					
Non-alloy steel				Low alloy steel				High alloyed steel, and tool steel			Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
	⊙	⊙	⊙	○	⊙	⊙	○	○	⊙	○	○	○	○	⊙	○	⊙	○	⊙	○

ISO
Material
Description
VDI 3323
HRc
HB
Recommended

N										S							H			
Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys					Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
										15	30	25	38	34			55	60	42	55
60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
																	○			

DREAM DRILLS GENERAL with COOLANT HOLES (8XD)**DH421**

- Drilling for Steel, Cast Steel, Cast Iron, Malleable Cast Iron
- Self centering and chip breaking by R-thinning
- Wave shape and negative land on the cutting edge for low thrust stable torque and long tool life
- Optimized flute shape for strength of drilling and smooth chip evacuation

DIN
6537

CARBIDE

30°

h6

m7

140°

20 bar

TiAlN

**EXTRA LONG****8 × D**

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1	D2	L1	L2	
DH421086	8.6	10	95	142	78,23 €
DH421087	8.7	10	95	142	78,23 €
DH421088	8.8	10	95	142	78,23 €
DH421089	8.9	10	95	142	78,23 €
DH421090	9.0	10	95	142	78,23 €
DH421091	9.1	10	95	142	78,23 €
DH421092	9.2	10	95	142	78,23 €
DH421093	9.3	10	95	142	78,23 €
DH421094	9.4	10	95	142	78,23 €
DH421095	9.5	10	95	142	78,23 €
DH421096	9.6	10	95	142	78,23 €
DH421097	9.7	10	95	142	78,23 €
DH421098	9.8	10	95	142	78,23 €
DH421099	9.9	10	95	142	78,23 €
DH421100	10.0	10	95	142	78,23 €
DH421101	10.1	12	114	162	103,80 €
DH421102	10.2	12	114	162	103,80 €
DH421103	10.3	12	114	162	103,80 €
DH421104	10.4	12	114	162	103,80 €
DH421105	10.5	12	114	162	103,80 €
DH421106	10.6	12	114	162	103,80 €
DH421107	10.7	12	114	162	103,80 €
DH421108	10.8	12	114	162	103,80 €
DH421109	10.9	12	114	162	103,80 €
DH421110	11.0	12	114	162	103,80 €
DH421111	11.1	12	114	162	103,80 €
DH421112	11.2	12	114	162	103,80 €
DH421113	11.3	12	114	162	103,80 €

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	Net Price
TiAlN	D1	D2	L1	L2	
DH421114	11.4	12	114	162	103,80 €
DH421115	11.5	12	114	162	103,80 €
DH421116	11.6	12	114	162	103,80 €
DH421117	11.7	12	114	162	103,80 €
DH421118	11.8	12	114	162	103,80 €
DH421119	11.9	12	114	162	103,80 €
DH421120	12.0	12	114	162	103,80 €
DH421125	12.5	14	133	178	126,80 €
DH421130	13.0	14	133	178	126,80 €
DH421135	13.5	14	133	178	126,80 €
DH421140	14.0	14	133	178	126,80 €

► Other shank types are available on your request.

◎ : Excellent ○ : Good

ISO	P											M			K						
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended		◎	◎	◎	○	◎	◎	○	○	◎	○	○	○		◎	○	◎	○	◎	○	
ISO	N										S							H			
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys				Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron	
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended																		○			

DREAM DRILLS GENERAL

SERIES	GENERAL					
	DH404	DH423	DH424	DH406	DH408	DH421
DRILLING DEPTH	3XD	3XD	5XD	3XD	5XD	8XD
TOOL MATERIAL	CARBIDE					
LENGTH	STUB	SHORT	LONG	SHORT	LONG	EXTRA LONG
SIZE MIN	D3.0	D3.0	D1.0	D3.0	D1.0	D3.0
SIZE MAX	D20.0	D20.0	D20.0	D20.0	D20.0	D14.0
SURFACE TREATMENT	TiAIN					

SOLID CARBIDE DREAM DRILLS



◎ : Excellent ○ : Good

ISO	VDI 3323	Material Description	Composition / Structure / Heat Treatment		HB	HRc						
P	1	Non-alloy steel	About 0.15% C	Annealed	125							
	2		About 0.45% C	Annealed	190	13	◎	◎	◎	◎	◎	◎
	3		About 0.45% C	Quenched & Tempered	250	25	◎	◎	◎	◎	◎	◎
	4		About 0.75% C	Annealed	270	28	◎	◎	◎	◎	◎	◎
	5		About 0.75% C	Quenched & Tempered	300	32	○	○	○	○	○	○
	6	Low alloy steel		Annealed	180	10	◎	◎	◎	◎	◎	◎
	7			Quenched & Tempered	275	29	◎	◎	◎	◎	◎	◎
	8			Quenched & Tempered	300	32	○	○	○	○	○	○
	9			Quenched & Tempered	350	38	○	○	○	○	○	○
	10	High alloyed steel, and tool steel		Annealed	200	15	◎	◎	◎	◎	◎	◎
	11			Quenched & Tempered	325	35	○	○	○	○	○	○
M	12	Stainless steel	Ferritic / Martensitic	Annealed	200	15	○	○	○	○	○	○
	13		Martensitic	Quenched & Tempered	240	23	○	○	○	○	○	○
	14		Austenitic		180	10						
K	15	Grey cast iron	Pearlitic / ferritic		180	10	◎	◎	◎	◎	◎	◎
	16		Pearlitic (Martensitic)		260	26	○	○	○	○	○	○
	17	Nodular cast iron	Ferritic		160	3	◎	◎	◎	◎	◎	◎
	18		Pearlitic		250	25	○	○	○	○	○	○
	19	Malleable cast iron	Ferritic		130		◎	◎	◎	◎	◎	◎
	20		Pearlitic		230	21	○	○	○	○	○	○
H	38	Hardened steel		Hardened	550	55	○	○	○	○	○	○

Contact your local YG-1 distributor partner to place an order