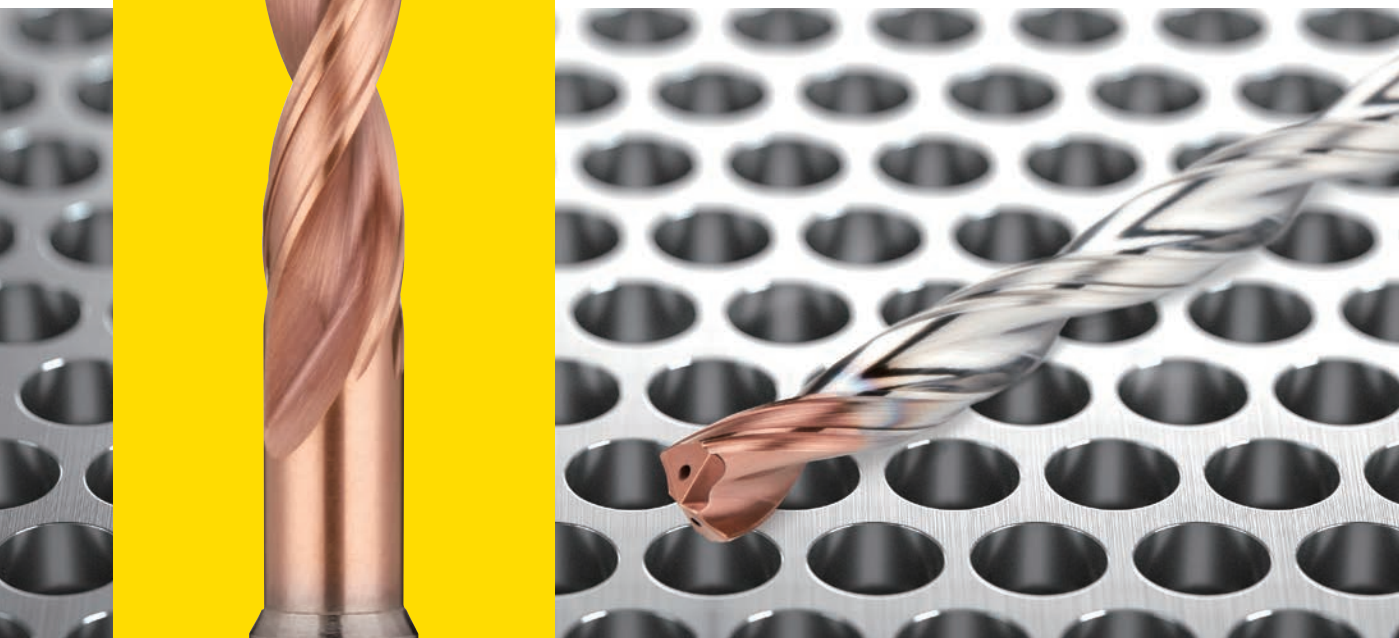


DGH



DGH 系列刀具
通用钻头

DGH Series
General Drills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

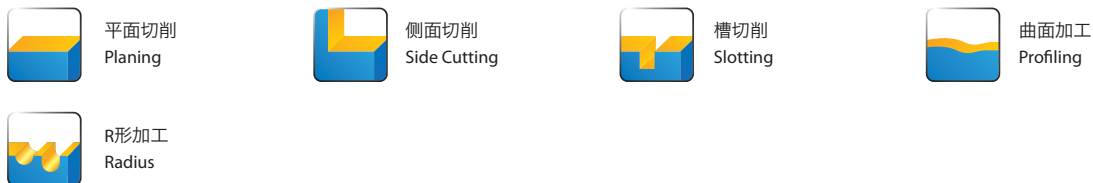
www.osktool.com

图标说明 / Meaning of icons

底刃形状 / Endteeth Type



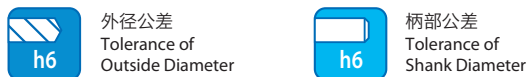
加工用途 / Applications



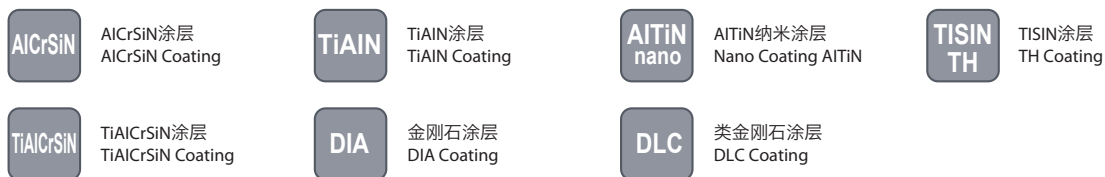
加工分类 / Type



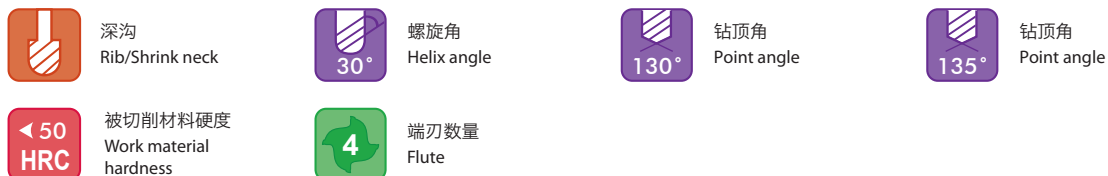
尺寸公差 / Materials



涂层 / Coating



刀具技术参数 / Technical parameters of cutting tool



被加工材料 / Processed material



钨钢内冷 / 外冷钻头
Carbide Drill With/Without Coolant Hole

4



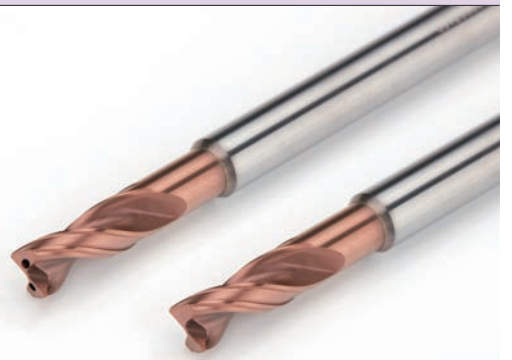
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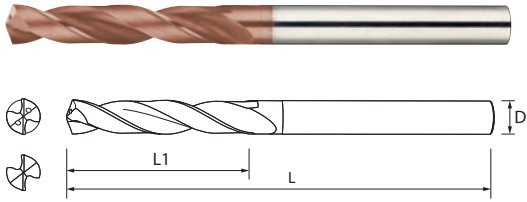
内冷深孔钻头
Carbide Drill With Coolant Hole
(10D~20D)

钨钢平底内冷 / 外冷钻头
Carbide Flat Bottom Drill
With / Without Coolant Hole

22



3D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

3D 钨钢内冷钻头 / 3D Cerbide Drill With Coolant Hole



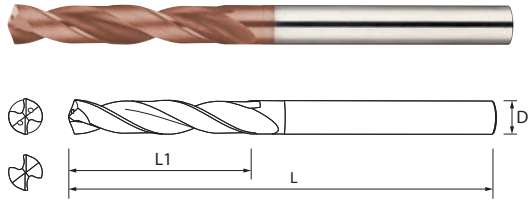
Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-3D-030-S03	3.0	19	69	3	■	■
DGH-OSD-3D-031-S04	3.1	23	73	4	□	□
DGH-OSD-3D-032-S04	3.2	23	73	4	□	□
DGH-OSD-3D-033-S04	3.3	23	73	4	□	□
DGH-OSD-3D-034-S04	3.4	23	73	4	□	□
DGH-OSD-3D-035-S04	3.5	23	73	4	□	□
DGH-OSD-3D-036-S04	3.6	23	73	4	□	□
DGH-OSD-3D-037-S04	3.7	23	73	4	□	□
DGH-OSD-3D-038-S04	3.8	23	73	4	□	□
DGH-OSD-3D-039-S04	3.9	23	73	4	□	□
DGH-OSD-3D-040-S04	4.0	23	73	4	■	■
DGH-OSD-3D-041-S06	4.1	29	82	6	□	□
DGH-OSD-3D-042-S06	4.2	29	82	6	□	□
DGH-OSD-3D-043-S06	4.3	29	82	6	□	□
DGH-OSD-3D-044-S06	4.4	29	82	6	□	□
DGH-OSD-3D-045-S06	4.5	29	82	6	□	□
DGH-OSD-3D-046-S06	4.6	29	82	6	□	□
DGH-OSD-3D-047-S06	4.7	29	82	6	□	□
DGH-OSD-3D-048-S06	4.8	29	82	6	□	□
DGH-OSD-3D-049-S06	4.9	29	82	6	□	□
DGH-OSD-3D-050-S06	5.0	29	82	6	■	■
DGH-OSD-3D-051-S06	5.1	29	82	6	□	□
DGH-OSD-3D-052-S06	5.2	29	82	6	□	□
DGH-OSD-3D-053-S06	5.3	29	82	6	□	□
DGH-OSD-3D-054-S06	5.4	29	82	6	□	□
DGH-OSD-3D-055-S06	5.5	29	82	6	□	□
DGH-OSD-3D-056-S06	5.6	29	82	6	□	□
DGH-OSD-3D-057-S06	5.7	29	82	6	□	□
DGH-OSD-3D-058-S06	5.8	29	82	6	□	□
DGH-OSD-3D-059-S06	5.9	29	82	6	□	□
DGH-OSD-3D-060-S06	6.0	29	82	6	■	■
DGH-OSD-3D-061-S08	6.1	34	89	8	□	□
DGH-OSD-3D-062-S08	6.2	34	89	8	□	□
DGH-OSD-3D-063-S08	6.3	34	89	8	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

3D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
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 - TiAlN 涂层加工工件有良好的表面粗糙度
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3D 钨钢内冷钻头 / 3D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-3D-064-S08	6.4	34	89	8	□	□
DGH-OSD-3D-065-S08	6.5	34	89	8	□	□
DGH-OSD-3D-066-S08	6.6	34	89	8	□	□
DGH-OSD-3D-067-S08	6.7	34	89	8	□	□
DGH-OSD-3D-068-S08	6.8	34	89	8	□	□
DGH-OSD-3D-069-S08	6.9	34	89	8	□	□
DGH-OSD-3D-070-S08	7.0	34	89	8	■	■
DGH-OSD-3D-071-S08	7.1	39	95	8	□	□
DGH-OSD-3D-072-S08	7.2	39	95	8	□	□
DGH-OSD-3D-073-S08	7.3	39	95	8	□	□
DGH-OSD-3D-074-S08	7.4	39	95	8	□	□
DGH-OSD-3D-075-S08	7.5	39	95	8	□	□
DGH-OSD-3D-076-S08	7.6	39	95	8	□	□
DGH-OSD-3D-077-S08	7.7	39	95	8	□	□
DGH-OSD-3D-078-S08	7.8	39	95	8	□	□
DGH-OSD-3D-079-S08	7.9	39	95	8	□	□
DGH-OSD-3D-080-S08	8.0	39	95	8	■	■
DGH-OSD-3D-081-S10	8.1	44	101	10	□	□
DGH-OSD-3D-082-S10	8.2	44	101	10	□	□
DGH-OSD-3D-083-S10	8.3	44	101	10	□	□
DGH-OSD-3D-084-S10	8.4	44	101	10	□	□
DGH-OSD-3D-085-S10	8.5	44	101	10	□	□
DGH-OSD-3D-086-S10	8.6	44	101	10	□	□
DGH-OSD-3D-087-S10	8.7	44	101	10	□	□
DGH-OSD-3D-088-S10	8.8	44	101	10	□	□
DGH-OSD-3D-089-S10	8.9	44	101	10	□	□
DGH-OSD-3D-090-S10	9.0	44	101	10	■	■
DGH-OSD-3D-091-S10	9.1	49	107	10	□	□
DGH-OSD-3D-092-S10	9.2	49	107	10	□	□
DGH-OSD-3D-093-S10	9.3	49	107	10	□	□
DGH-OSD-3D-094-S10	9.4	49	107	10	□	□
DGH-OSD-3D-095-S10	9.5	49	107	10	□	□
DGH-OSD-3D-096-S10	9.6	49	107	10	□	□
DGH-OSD-3D-097-S10	9.7	49	107	10	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

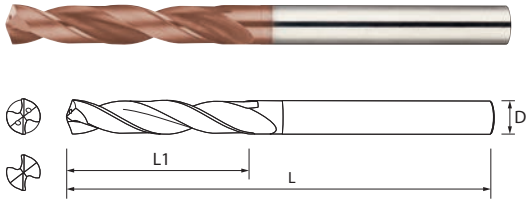
备注: ■ 在库产品 □ 需订制

Carbide Drill With / Without Coolant Hole

Carbide Drill With Coolant Hole (10D~20D)

Carbide Flat Bottom Drill With / Without Coolant Hole

3D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

3D 钨钢内冷钻头 / 3D Cerbide Drill With Coolant Hole



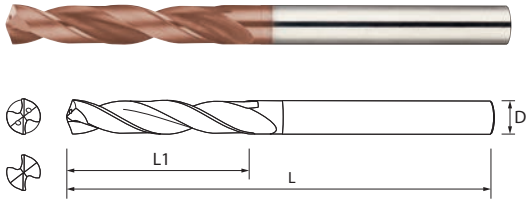
Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-3D-098-S10	9.8	49	107	10	□	□
DGH-OSD-3D-099-S10	9.9	49	107	10	□	□
DGH-OSD-3D-100-S10	10.0	49	107	10	■	■
DGH-OSD-3D-101-S12	10.1	54	117	12	□	□
DGH-OSD-3D-102-S12	10.2	54	117	12	□	□
DGH-OSD-3D-103-S12	10.3	54	117	12	□	□
DGH-OSD-3D-104-S12	10.4	54	117	12	□	□
DGH-OSD-3D-105-S12	10.5	54	117	12	□	□
DGH-OSD-3D-106-S12	10.6	54	117	12	□	□
DGH-OSD-3D-107-S12	10.7	54	117	12	□	□
DGH-OSD-3D-108-S12	10.8	54	117	12	□	□
DGH-OSD-3D-109-S12	10.9	54	117	12	□	□
DGH-OSD-3D-110-S12	11.0	54	117	12	■	■
DGH-OSD-3D-111-S12	11.1	59	123	12	□	□
DGH-OSD-3D-112-S12	11.2	59	123	12	□	□
DGH-OSD-3D-113-S12	11.3	59	123	12	□	□
DGH-OSD-3D-114-S12	11.4	59	123	12	□	□
DGH-OSD-3D-115-S12	11.5	59	123	12	□	□
DGH-OSD-3D-116-S12	11.6	59	123	12	□	□
DGH-OSD-3D-117-S12	11.7	59	123	12	□	□
DGH-OSD-3D-118-S12	11.8	59	123	12	□	□
DGH-OSD-3D-119-S12	11.9	59	123	12	□	□
DGH-OSD-3D-120-S12	12.0	59	123	12	■	■
DGH-OSD-3D-121-S13	12.1	64	129	13	□	□
DGH-OSD-3D-122-S13	12.2	64	129	13	□	□
DGH-OSD-3D-123-S13	12.3	64	129	13	□	□
DGH-OSD-3D-124-S13	12.4	64	129	13	□	□
DGH-OSD-3D-125-S13	12.5	64	129	13	□	□
DGH-OSD-3D-126-S13	12.6	64	129	13	□	□
DGH-OSD-3D-127-S13	12.7	64	129	13	□	□
DGH-OSD-3D-128-S13	12.8	64	129	13	□	□
DGH-OSD-3D-129-S13	12.9	64	129	13	□	□
DGH-OSD-3D-130-S13	13.0	64	129	13	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

5D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
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5D 钨钢内冷钻头 / 5D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-5D-030-S03	3.0	29	79	3	■	■
DGH-OSD-5D-031-S04	3.1	37	87	4	□	□
DGH-OSD-5D-032-S04	3.2	37	87	4	□	□
DGH-OSD-5D-033-S04	3.3	37	87	4	□	□
DGH-OSD-5D-034-S04	3.4	37	87	4	□	□
DGH-OSD-5D-035-S04	3.5	37	87	4	□	□
DGH-OSD-5D-036-S04	3.6	37	87	4	□	□
DGH-OSD-5D-037-S04	3.7	37	87	4	□	□
DGH-OSD-5D-038-S04	3.8	37	87	4	□	□
DGH-OSD-5D-039-S04	3.9	37	87	4	□	□
DGH-OSD-5D-040-S04	4.0	37	87	4	■	■
DGH-OSD-5D-041-S06	4.1	47	100	6	□	□
DGH-OSD-5D-042-S06	4.2	47	100	6	□	□
DGH-OSD-5D-043-S06	4.3	47	100	6	□	□
DGH-OSD-5D-044-S06	4.4	47	100	6	□	□
DGH-OSD-5D-045-S06	4.5	47	100	6	□	□
DGH-OSD-5D-046-S06	4.6	47	100	6	□	□
DGH-OSD-5D-047-S06	4.7	47	100	6	□	□
DGH-OSD-5D-048-S06	4.8	47	100	6	□	□
DGH-OSD-5D-049-S06	4.9	47	100	6	□	□
DGH-OSD-5D-050-S06	5.0	47	100	6	■	■
DGH-OSD-5D-051-S06	5.1	47	100	6	□	□
DGH-OSD-5D-052-S06	5.2	47	100	6	□	□
DGH-OSD-5D-053-S06	5.3	47	100	6	□	□
DGH-OSD-5D-054-S06	5.4	47	100	6	□	□
DGH-OSD-5D-055-S06	5.5	47	100	6	□	□
DGH-OSD-5D-056-S06	5.6	47	100	6	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

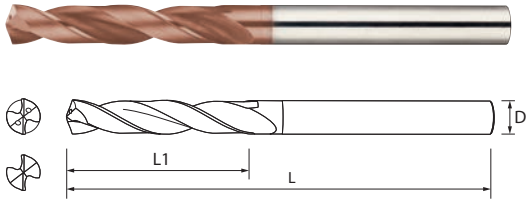
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

5D Cerbide Drill With Coolant Hole



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5D 钨钢内冷钻头 / 5D Cerbide Drill With Coolant Hole



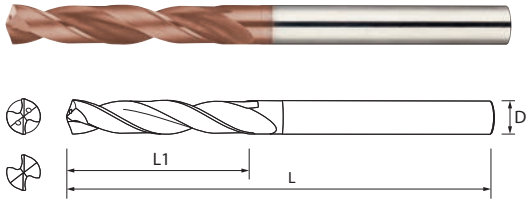
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-OSD-5D-057-S06	5.7	47	100	6	□	□
	DGH-OSD-5D-058-S06	5.8	47	100	6	□	□
	DGH-OSD-5D-059-S06	5.9	47	100	6	□	□
	DGH-OSD-5D-060-S06	6.0	47	100	6	■	■
	DGH-OSD-5D-061-S08	6.1	55	110	8	□	□
	DGH-OSD-5D-062-S08	6.2	55	110	8	□	□
Carbide Drill With Coolant Hole (10D~20D)	DGH-OSD-5D-063-S08	6.3	55	110	8	□	□
	DGH-OSD-5D-064-S08	6.4	55	110	8	□	□
	DGH-OSD-5D-065-S08	6.5	55	110	8	□	□
	DGH-OSD-5D-066-S08	6.6	55	110	8	□	□
	DGH-OSD-5D-067-S08	6.7	55	110	8	□	□
	DGH-OSD-5D-068-S08	6.8	55	110	8	□	□
	DGH-OSD-5D-069-S08	6.9	55	110	8	□	□
	DGH-OSD-5D-070-S08	7.0	55	110	8	■	■
	DGH-OSD-5D-071-S08	7.1	63	119	8	□	□
	DGH-OSD-5D-072-S08	7.2	63	119	8	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-5D-073-S08	7.3	63	119	8	□	□
	DGH-OSD-5D-074-S08	7.4	63	119	8	□	□
	DGH-OSD-5D-075-S08	7.5	63	119	8	□	□
	DGH-OSD-5D-076-S08	7.6	63	119	8	□	□
	DGH-OSD-5D-077-S08	7.7	63	119	8	□	□
	DGH-OSD-5D-078-S08	7.8	63	119	8	□	□
	DGH-OSD-5D-079-S08	7.9	63	119	8	□	□
	DGH-OSD-5D-080-S08	8.0	63	119	8	■	■
	DGH-OSD-5D-081-S10	8.1	71	128	10	□	□
	DGH-OSD-5D-082-S10	8.2	71	128	10	□	□
	DGH-OSD-5D-083-S10	8.3	71	128	10	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

5D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

5D 钨钢内冷钻头 / 5D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-5D-084-S10	8.4	71	128	10	□	□
DGH-OSD-5D-085-S10	8.5	71	128	10	□	□
DGH-OSD-5D-086-S10	8.6	71	128	10	□	□
DGH-OSD-5D-087-S10	8.7	71	128	10	□	□
DGH-OSD-5D-088-S10	8.8	71	128	10	□	□
DGH-OSD-5D-089-S10	8.9	71	128	10	□	□
DGH-OSD-5D-090-S10	9.0	71	128	10	■	■
DGH-OSD-5D-091-S10	9.1	79	137	10	□	□
DGH-OSD-5D-092-S10	9.2	79	137	10	□	□
DGH-OSD-5D-093-S10	9.3	79	137	10	□	□
DGH-OSD-5D-094-S10	9.4	79	137	10	□	□
DGH-OSD-5D-095-S10	9.5	79	137	10	□	□
DGH-OSD-5D-096-S10	9.6	79	137	10	□	□
DGH-OSD-5D-097-S10	9.7	79	137	10	□	□
DGH-OSD-5D-098-S10	9.8	79	137	10	□	□
DGH-OSD-5D-099-S10	9.9	79	137	10	□	□
DGH-OSD-5D-100-S10	10.0	79	137	10	■	■
DGH-OSD-5D-101-S12	10.1	87	150	12	□	□
DGH-OSD-5D-102-S12	10.2	87	150	12	□	□
DGH-OSD-5D-103-S12	10.3	87	150	12	□	□
DGH-OSD-5D-104-S12	10.4	87	150	12	□	□
DGH-OSD-5D-105-S12	10.5	87	150	12	□	□
DGH-OSD-5D-106-S12	10.6	87	150	12	□	□
DGH-OSD-5D-107-S12	10.7	87	150	12	□	□
DGH-OSD-5D-108-S12	10.8	87	150	12	□	□
DGH-OSD-5D-109-S12	10.9	87	150	12	□	□
DGH-OSD-5D-110-S12	11.0	87	150	12	■	■

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

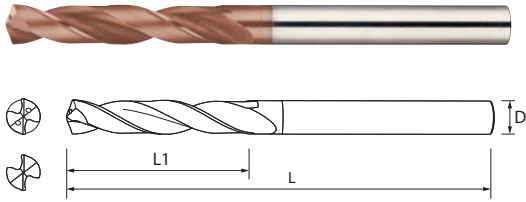
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

5D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
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 - TiAlN coated workpiece has good surface roughness
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5D 钨钢内冷钻头 / 5D Cerbide Drill With Coolant Hole



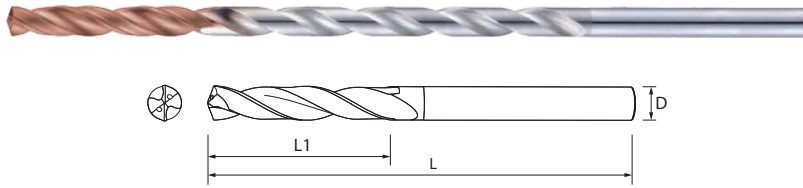
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Coolant Hole	
						Oil Hole 内冷	Without 外冷
Cerbide Drill With / Without Coolant Hole	DGH-OSD-5D-111-S12	11.1	93	156	12	□	□
	DGH-OSD-5D-112-S12	11.2	93	156	12	□	□
	DGH-OSD-5D-113-S12	11.3	93	156	12	□	□
	DGH-OSD-5D-114-S12	11.4	93	156	12	□	□
	DGH-OSD-5D-115-S12	11.5	93	156	12	□	□
	DGH-OSD-5D-116-S12	11.6	93	156	12	□	□
	DGH-OSD-5D-117-S12	11.7	93	156	12	□	□
	DGH-OSD-5D-118-S12	11.8	93	156	12	□	□
	DGH-OSD-5D-119-S12	11.9	93	156	12	□	□
Cerbide Drill With Coolant Hole (10D~20D)	DGH-OSD-5D-120-S12	12.0	93	156	12	■	■
	DGH-OSD-5D-121-S13	12.1	104	169	13	□	□
	DGH-OSD-5D-122-S13	12.2	104	169	13	□	□
	DGH-OSD-5D-123-S13	12.3	104	169	13	□	□
	DGH-OSD-5D-124-S13	12.4	104	169	13	□	□
	DGH-OSD-5D-125-S13	12.5	104	169	13	□	□
Cerbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-5D-126-S13	12.6	104	169	13	□	□
	DGH-OSD-5D-127-S13	12.7	104	169	13	□	□
	DGH-OSD-5D-128-S13	12.8	104	169	13	□	□
	DGH-OSD-5D-129-S13	12.9	104	169	13	□	□
	DGH-OSD-5D-130-S13	13.0	104	169	13	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

10D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
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 - TiAlN 涂层加工工件有良好的表面粗糙度
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10D 钨钢内冷钻头 / 10D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-10D-030-S04	3.0	39	87	3	■	■
DGH-OSD-10D-031-S04	3.1	46	94	4	□	□
DGH-OSD-10D-032-S04	3.2	46	94	4	□	□
DGH-OSD-10D-033-S04	3.3	46	94	4	□	□
DGH-OSD-10D-034-S04	3.4	46	94	4	□	□
DGH-OSD-10D-035-S04	3.5	46	94	4	□	□
DGH-OSD-10D-036-S04	3.6	52	101	4	□	□
DGH-OSD-10D-037-S04	3.7	52	101	4	□	□
DGH-OSD-10D-038-S04	3.8	52	101	4	□	□
DGH-OSD-10D-039-S04	3.9	52	101	4	□	□
DGH-OSD-10D-040-S04	4.0	52	101	4	■	■
DGH-OSD-10D-041-S06	4.1	59	110	5	□	□
DGH-OSD-10D-042-S06	4.2	59	110	5	□	□
DGH-OSD-10D-043-S06	4.3	59	110	5	□	□
DGH-OSD-10D-044-S06	4.4	59	110	5	□	□
DGH-OSD-10D-045-S06	4.5	59	110	5	□	□
DGH-OSD-10D-046-S06	4.6	66	117	5	□	□
DGH-OSD-10D-047-S06	4.7	66	117	5	□	□
DGH-OSD-10D-048-S06	4.8	66	117	5	□	□
DGH-OSD-10D-049-S06	4.9	66	117	5	□	□
DGH-OSD-10D-050-S06	5.0	66	117	5	■	■
DGH-OSD-10D-051-S06	5.1	72	123	6	□	□
DGH-OSD-10D-052-S06	5.2	72	123	6	□	□
DGH-OSD-10D-053-S06	5.3	72	123	6	□	□
DGH-OSD-10D-054-S06	5.4	72	123	6	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

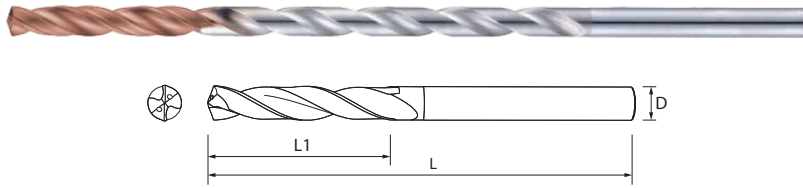
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

10D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
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3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
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10D 钨钢内冷钻头 / 10D Cerbide Drill With Coolant Hole



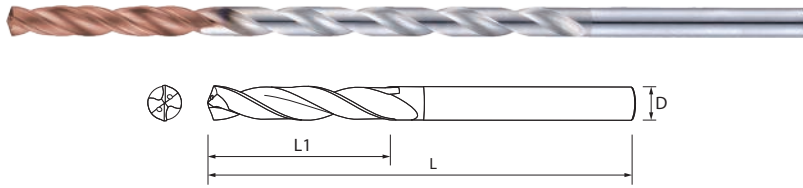
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-OSD-10D-055-S06	5.5	72	123	6	□	□
	DGH-OSD-10D-056-S06	5.6	79	130	6	□	□
	DGH-OSD-10D-057-S06	5.7	79	130	6	□	□
	DGH-OSD-10D-058-S06	5.8	79	130	6	□	□
	DGH-OSD-10D-059-S06	5.9	79	130	6	□	□
	DGH-OSD-10D-060-S06	6.0	79	130	6	■	■
Carbide Drill With Coolant Hole (10D~20D)	DGH-OSD-10D-061-S08	6.1	85	138	8	□	□
	DGH-OSD-10D-062-S08	6.2	85	138	8	□	□
	DGH-OSD-10D-063-S08	6.3	85	138	8	□	□
	DGH-OSD-10D-064-S08	6.4	85	138	8	□	□
	DGH-OSD-10D-065-S08	6.5	85	138	8	□	□
	DGH-OSD-10D-066-S08	6.6	92	145	8	□	□
	DGH-OSD-10D-067-S08	6.7	92	145	8	□	□
	DGH-OSD-10D-068-S08	6.8	92	145	8	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-10D-069-S08	6.9	92	145	8	□	□
	DGH-OSD-10D-070-S08	7.0	92	145	8	■	■
	DGH-OSD-10D-071-S08	7.1	98	153	8	□	□
	DGH-OSD-10D-072-S08	7.2	98	153	8	□	□
	DGH-OSD-10D-073-S08	7.3	98	153	8	□	□
	DGH-OSD-10D-074-S08	7.4	98	153	8	□	□
	DGH-OSD-10D-075-S08	7.5	98	153	8	□	□
	DGH-OSD-10D-076-S08	7.6	105	160	8	□	□
	DGH-OSD-10D-077-S08	7.7	105	160	8	□	□
	DGH-OSD-10D-078-S08	7.8	105	160	8	□	□
	DGH-OSD-10D-079-S08	7.9	105	160	8	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

10D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
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10D 钨钢内冷钻头 / 10D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-10D-080-S08	8.0	105	160	8	■	■
DGH-OSD-10D-081-S10	8.1	111	166	10	□	□
DGH-OSD-10D-082-S10	8.2	111	166	10	□	□
DGH-OSD-10D-083-S10	8.3	111	166	10	□	□
DGH-OSD-10D-084-S10	8.4	111	166	10	□	□
DGH-OSD-10D-085-S10	8.5	111	166	10	□	□
DGH-OSD-10D-086-S10	8.6	118	173	10	□	□
DGH-OSD-10D-087-S10	8.7	118	173	10	□	□
DGH-OSD-10D-088-S10	8.8	118	173	10	□	□
DGH-OSD-10D-089-S10	8.9	118	173	10	□	□
DGH-OSD-10D-090-S10	9.0	118	173	10	■	■
DGH-OSD-10D-091-S10	9.1	124	179	10	□	□
DGH-OSD-10D-092-S10	9.2	124	179	10	□	□
DGH-OSD-10D-093-S10	9.3	124	179	10	□	□
DGH-OSD-10D-094-S10	9.4	124	179	10	□	□
DGH-OSD-10D-095-S10	9.5	124	179	10	□	□
DGH-OSD-10D-096-S10	9.6	131	186	10	□	□
DGH-OSD-10D-097-S10	9.7	131	186	10	□	□
DGH-OSD-10D-098-S10	9.8	131	186	10	□	□
DGH-OSD-10D-099-S10	9.9	131	186	10	□	□
DGH-OSD-10D-100-S10	10.0	131	186	10	■	■
DGH-OSD-10D-101-S12	10.1	138	193	12	□	□
DGH-OSD-10D-102-S12	10.2	138	193	12	□	□
DGH-OSD-10D-103-S12	10.3	138	193	12	□	□
DGH-OSD-10D-104-S12	10.4	138	193	12	□	□
DGH-OSD-10D-105-S12	10.5	138	193	12	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

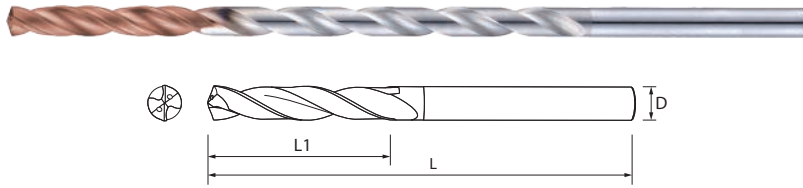
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

10D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定点钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

10D 钨钢内冷钻头 / 10D Cerbide Drill With Coolant Hole



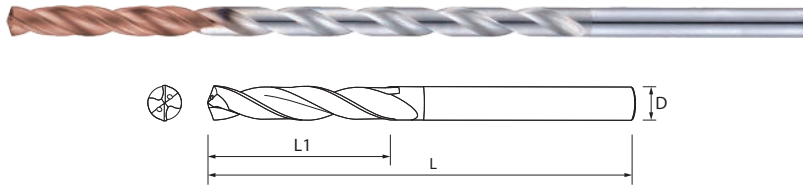
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-OSD-10D-106-S12	10.6	144	205	12	□	□
	DGH-OSD-10D-107-S12	10.7	144	205	12	□	□
	DGH-OSD-10D-108-S12	10.8	144	205	12	□	□
	DGH-OSD-10D-109-S12	10.9	144	205	12	□	□
	DGH-OSD-10D-110-S12	11.0	144	205	12	■	■
	DGH-OSD-10D-111-S12	11.1	151	212	12	□	□
Carbide Drill With Coolant Hole (10D~20D)	DGH-OSD-10D-112-S12	11.2	151	212	12	□	□
	DGH-OSD-10D-113-S12	11.3	151	212	12	□	□
	DGH-OSD-10D-114-S12	11.4	151	212	12	□	□
	DGH-OSD-10D-115-S12	11.5	151	212	12	□	□
	DGH-OSD-10D-116-S12	11.6	157	218	12	□	□
	DGH-OSD-10D-117-S12	11.7	157	218	12	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-10D-118-S12	11.8	157	218	12	□	□
	DGH-OSD-10D-119-S12	11.9	157	218	12	□	□
	DGH-OSD-10D-120-S12	12.0	157	218	12	■	■
	DGH-OSD-10D-121-S13	12.1	164	225	13	□	□
	DGH-OSD-10D-122-S13	12.2	164	225	13	□	□
	DGH-OSD-10D-123-S13	12.3	164	225	13	□	□
	DGH-OSD-10D-124-S13	12.4	164	225	13	□	□
	DGH-OSD-10D-125-S13	12.5	164	225	13	□	□
	DGH-OSD-10D-126-S13	12.6	170	236	13	□	□
	DGH-OSD-10D-127-S13	12.7	170	236	13	□	□
	DGH-OSD-10D-128-S13	12.8	170	236	13	□	□
	DGH-OSD-10D-129-S13	12.9	170	236	13	□	□
	DGH-OSD-10D-130-S13	13.0	170	236	13	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

15D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

15D 钨钢内冷钻头 / 15D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-15D-030-S03	3.0	54	102	3	■	■
DGH-OSD-15D-031-S04	3.1	63	111	4	□	□
DGH-OSD-15D-032-S04	3.2	63	111	4	□	□
DGH-OSD-15D-033-S04	3.3	63	111	4	□	□
DGH-OSD-15D-034-S04	3.4	63	111	4	□	□
DGH-OSD-15D-035-S04	3.5	63	111	4	□	□
DGH-OSD-15D-036-S04	3.6	72	121	4	□	□
DGH-OSD-15D-037-S04	3.7	72	121	4	□	□
DGH-OSD-15D-038-S04	3.8	72	121	4	□	□
DGH-OSD-15D-039-S04	3.9	72	121	4	□	□
DGH-OSD-15D-040-S04	4.0	72	121	4	■	■
DGH-OSD-15D-041-S06	4.1	81	132	6	□	□
DGH-OSD-15D-042-S06	4.2	81	132	6	□	□
DGH-OSD-15D-043-S06	4.3	81	132	6	□	□
DGH-OSD-15D-044-S06	4.4	81	132	6	□	□
DGH-OSD-15D-045-S06	4.5	81	132	6	□	□
DGH-OSD-15D-046-S06	4.6	91	142	6	□	□
DGH-OSD-15D-047-S06	4.7	91	142	6	□	□
DGH-OSD-15D-048-S06	4.8	91	142	6	□	□
DGH-OSD-15D-049-S06	4.9	91	142	6	□	□
DGH-OSD-15D-050-S06	5.0	91	142	6	■	■
DGH-OSD-15D-051-S06	5.1	100	151	6	□	□
DGH-OSD-15D-052-S06	5.2	100	151	6	□	□
DGH-OSD-15D-053-S06	5.3	100	151	6	□	□
DGH-OSD-15D-054-S06	5.4	100	151	6	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

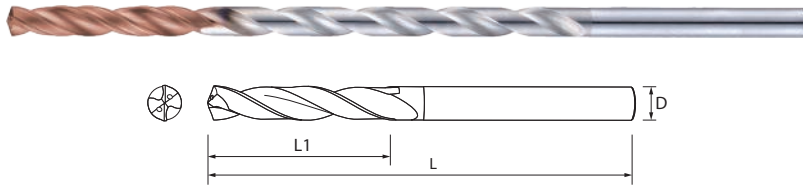
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

15D Carbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

15D 钨钢内冷钻头 / 15D Carbide Drill With Coolant Hole



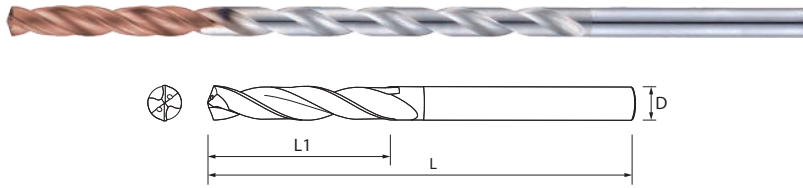
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-OSD-15D-055-S06	5.5	100	151	6	□	□
	DGH-OSD-15D-056-S06	5.6	109	160	6	□	□
	DGH-OSD-15D-057-S06	5.7	109	160	6	□	□
	DGH-OSD-15D-058-S06	5.8	109	160	6	□	□
	DGH-OSD-15D-059-S06	5.9	109	160	6	□	□
	DGH-OSD-15D-060-S06	6.0	109	160	6	■	■
Carbide Drill With Coolant Hole (10D~20D)	DGH-OSD-15D-061-S08	6.1	118	171	8	□	□
	DGH-OSD-15D-062-S08	6.2	118	171	8	□	□
	DGH-OSD-15D-063-S08	6.3	118	171	8	□	□
	DGH-OSD-15D-064-S08	6.4	118	171	8	□	□
	DGH-OSD-15D-065-S08	6.5	118	171	8	□	□
	DGH-OSD-15D-066-S08	6.6	127	180	8	□	□
	DGH-OSD-15D-067-S08	6.7	127	180	8	□	□
	DGH-OSD-15D-068-S08	6.8	127	180	8	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-15D-069-S08	6.9	127	180	8	□	□
	DGH-OSD-15D-070-S08	7.0	127	180	8	■	■
	DGH-OSD-15D-071-S08	7.1	136	191	8	□	□
	DGH-OSD-15D-072-S08	7.2	136	191	8	□	□
	DGH-OSD-15D-073-S08	7.3	136	191	8	□	□
	DGH-OSD-15D-074-S08	7.4	136	191	8	□	□
	DGH-OSD-15D-075-S08	7.5	136	191	8	□	□
	DGH-OSD-15D-076-S08	7.6	145	200	8	□	□
	DGH-OSD-15D-077-S08	7.7	145	200	8	□	□
	DGH-OSD-15D-078-S08	7.8	145	200	8	□	□
	DGH-OSD-15D-079-S08	7.9	145	200	8	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

15D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
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3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

15 倍径内冷钻头 / 15D Cerbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-15D-080-S08	8.0	145	200	8	■	■
DGH-OSD-15D-081-S10	8.1	154	209	10	□	□
DGH-OSD-15D-082-S10	8.2	154	209	10	□	□
DGH-OSD-15D-083-S10	8.3	154	209	10	□	□
DGH-OSD-15D-084-S10	8.4	154	209	10	□	□
DGH-OSD-15D-085-S10	8.5	154	209	10	□	□
DGH-OSD-15D-086-S10	8.6	163	218	10	□	□
DGH-OSD-15D-087-S10	8.7	163	218	10	□	□
DGH-OSD-15D-088-S10	8.8	163	218	10	□	□
DGH-OSD-15D-089-S10	8.9	163	218	10	□	□
DGH-OSD-15D-090-S10	9.0	163	218	10	■	■
DGH-OSD-15D-091-S10	9.1	172	227	10	□	□
DGH-OSD-15D-092-S10	9.2	172	227	10	□	□
DGH-OSD-15D-093-S10	9.3	172	227	10	□	□
DGH-OSD-15D-094-S10	9.4	172	227	10	□	□
DGH-OSD-15D-095-S10	9.5	172	227	10	□	□
DGH-OSD-15D-096-S10	9.6	181	236	10	□	□
DGH-OSD-15D-097-S10	9.7	181	236	10	□	□
DGH-OSD-15D-098-S10	9.8	181	236	10	□	□
DGH-OSD-15D-099-S10	9.9	181	236	10	□	□
DGH-OSD-15D-100-S10	10.0	181	236	10	■	■
DGH-OSD-15D-101-S12	10.1	190	245	12	□	□
DGH-OSD-15D-102-S12	10.2	190	245	12	□	□
DGH-OSD-15D-103-S12	10.3	190	245	12	□	□
DGH-OSD-15D-104-S12	10.4	190	245	12	□	□
DGH-OSD-15D-105-S12	10.5	190	245	12	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

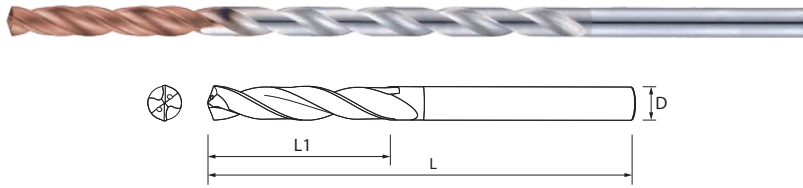
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

15D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
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 - TiAlN 涂层加工工件有良好的表面粗糙度
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3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
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 - TiAlN coated workpiece has good surface roughness
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- the drill can receive multiple grinding

15 倍径内冷钻头 / 15D Cerbide Drill With Coolant Hole



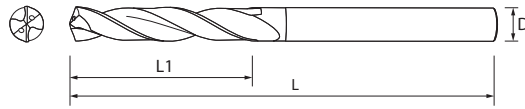
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Cerbide Drill With / Without Coolant Hole	DGH-OSD-15D-106-S12	10.6	199	260	12	□	□
	DGH-OSD-15D-107-S12	10.7	199	260	12	□	□
	DGH-OSD-15D-108-S12	10.8	199	260	12	□	□
	DGH-OSD-15D-109-S12	10.9	199	260	12	□	□
	DGH-OSD-15D-110-S12	11.0	199	260	12	■	■
	DGH-OSD-15D-111-S12	11.1	208	269	12	□	□
	DGH-OSD-15D-112-S12	11.2	208	269	12	□	□
	DGH-OSD-15D-113-S12	11.3	208	269	12	□	□
	DGH-OSD-15D-114-S12	11.4	208	269	12	□	□
	DGH-OSD-15D-115-S12	11.5	208	269	12	□	□
Cerbide Drill With Coolant Hole (10D~20D)	DGH-OSD-15D-116-S12	11.6	217	278	12	□	□
	DGH-OSD-15D-117-S12	11.7	217	278	12	□	□
	DGH-OSD-15D-118-S12	11.8	217	278	12	□	□
	DGH-OSD-15D-119-S12	11.9	217	278	12	□	□
	DGH-OSD-15D-120-S12	12.0	217	278	12	■	■
	DGH-OSD-15D-121-S04	12.1	226	287	13	□	□
	DGH-OSD-15D-122-S04	12.2	226	287	13	□	□
	DGH-OSD-15D-123-S04	12.3	226	287	13	□	□
	DGH-OSD-15D-124-S04	12.4	226	287	13	□	□
	DGH-OSD-15D-125-S04	12.5	226	287	13	□	□
Cerbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-15D-126-S04	12.6	235	301	13	□	□
	DGH-OSD-15D-127-S04	12.7	235	301	13	□	□
	DGH-OSD-15D-128-S04	12.8	235	301	13	□	□
	DGH-OSD-15D-129-S04	12.9	235	301	13	□	□
	DGH-OSD-15D-130-S04	13.0	235	301	13	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

20D Carbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

20D 钨钢内冷钻头 / 20D Carbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-20D-030-S03	3.0	69	117	3	■	■
DGH-OSD-20D-031-S04	3.1	81	129	4	□	□
DGH-OSD-20D-032-S04	3.2	81	129	4	□	□
DGH-OSD-20D-033-S04	3.3	81	129	4	□	□
DGH-OSD-20D-034-S04	3.4	81	129	4	□	□
DGH-OSD-20D-035-S04	3.5	81	129	4	□	□
DGH-OSD-20D-036-S04	3.6	92	141	4	□	□
DGH-OSD-20D-037-S04	3.7	92	141	4	□	□
DGH-OSD-20D-038-S04	3.8	92	141	4	□	□
DGH-OSD-20D-039-S04	3.9	92	141	4	□	□
DGH-OSD-20D-040-S04	4.0	92	141	4	■	■
DGH-OSD-20D-041-S06	4.1	104	155	6	□	□
DGH-OSD-20D-042-S06	4.2	104	155	6	□	□
DGH-OSD-20D-043-S06	4.3	104	155	6	□	□
DGH-OSD-20D-044-S06	4.4	104	155	6	□	□
DGH-OSD-20D-045-S06	4.5	104	155	6	□	□
DGH-OSD-20D-046-S06	4.6	116	167	6	□	□
DGH-OSD-20D-047-S06	4.7	116	167	6	□	□
DGH-OSD-20D-048-S06	4.8	116	167	6	□	□
DGH-OSD-20D-049-S06	4.9	116	167	6	□	□
DGH-OSD-20D-050-S06	5.0	116	167	6	■	■
DGH-OSD-20D-051-S06	5.1	127	178	6	□	□
DGH-OSD-20D-052-S06	5.2	127	178	6	□	□
DGH-OSD-20D-053-S06	5.3	127	178	6	□	□
DGH-OSD-20D-054-S06	5.4	127	178	6	□	□
DGH-OSD-20D-055-S06	5.5	127	178	6	□	□
DGH-OSD-20D-056-S06	5.6	139	190	6	□	□
DGH-OSD-20D-057-S06	5.7	139	190	6	□	□
DGH-OSD-20D-058-S06	5.8	139	190	6	□	□
DGH-OSD-20D-059-S06	5.9	139	190	6	□	□
DGH-OSD-20D-060-S06	6.0	139	190	6	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

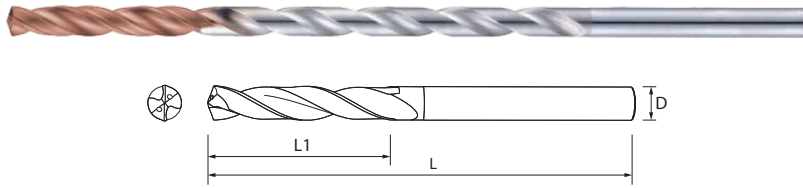
备注: ■ 在库产品 □ 需订制

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

Carbide Flat Bottom Drill
With / Without Coolant Hole

20D Cerbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

20D 钨钢内冷钻头 / 20D Cerbide Drill With Coolant Hole



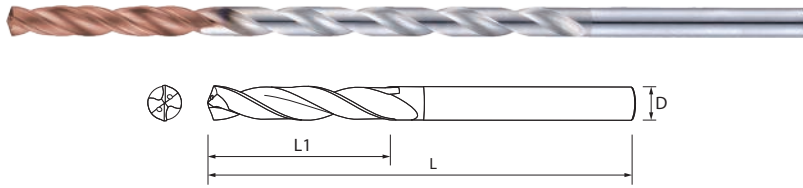
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
Cerbide Drill With / Without Coolant Hole	DGH-OSD-20D-061-S08	6.1	150	203	8	□	□
	DGH-OSD-20D-062-S08	6.2	150	203	8	□	□
	DGH-OSD-20D-063-S08	6.3	150	203	8	□	□
	DGH-OSD-20D-064-S08	6.4	150	203	8	□	□
	DGH-OSD-20D-065-S08	6.5	150	203	8	□	□
	DGH-OSD-20D-066-S08	6.6	162	215	8	□	□
	DGH-OSD-20D-067-S08	6.7	162	215	8	□	□
	DGH-OSD-20D-068-S08	6.8	162	215	8	□	□
Cerbide Drill With Coolant Hole (10D~20D)	DGH-OSD-20D-069-S08	6.9	162	215	8	□	□
	DGH-OSD-20D-070-S08	7.0	162	215	8	■	■
	DGH-OSD-20D-071-S08	7.1	173	228	8	□	□
	DGH-OSD-20D-072-S08	7.2	173	228	8	□	□
	DGH-OSD-20D-073-S08	7.3	173	228	8	□	□
	DGH-OSD-20D-074-S08	7.4	173	228	8	□	□
	DGH-OSD-20D-075-S08	7.5	173	228	8	□	□
	DGH-OSD-20D-076-S08	7.6	185	240	8	□	□
Cerbide Flat Bottom Drill With / Without Coolant Hole	DGH-OSD-20D-077-S08	7.7	185	240	8	□	□
	DGH-OSD-20D-078-S08	7.8	185	240	8	□	□
	DGH-OSD-20D-079-S08	7.9	185	240	8	□	□
	DGH-OSD-20D-080-S08	8.0	185	240	8	■	■
	DGH-OSD-20D-081-S10	8.1	196	251	10	□	□
	DGH-OSD-20D-082-S10	8.2	196	251	10	□	□
	DGH-OSD-20D-083-S10	8.3	196	251	10	□	□
	DGH-OSD-20D-084-S10	8.4	196	251	10	□	□
	DGH-OSD-20D-085-S10	8.5	196	251	10	□	□
	DGH-OSD-20D-086-S10	8.6	208	263	10	□	□
	DGH-OSD-20D-087-S10	8.7	208	263	10	□	□
	DGH-OSD-20D-088-S10	8.8	208	263	10	□	□
	DGH-OSD-20D-089-S10	8.9	208	263	10	□	□
	DGH-OSD-20D-090-S10	9.0	208	263	10	■	■

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

20D Carbide Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
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- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

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- the self fixed core function can be removed from the fixed point drill
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 - TiAlN coated workpiece has good surface roughness
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- the drill can receive multiple grinding

20D 钨钢内冷钻头 / 20D Carbide Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-OSD-20D-091-S10	9.1	219	274	10	□	□
DGH-OSD-20D-092-S10	9.2	219	274	10	□	□
DGH-OSD-20D-093-S10	9.3	219	274	10	□	□
DGH-OSD-20D-094-S10	9.4	219	274	10	□	□
DGH-OSD-20D-095-S10	9.5	219	274	10	□	□
DGH-OSD-20D-096-S10	9.6	231	286	10	□	□
DGH-OSD-20D-097-S10	9.7	231	286	10	□	□
DGH-OSD-20D-098-S10	9.8	231	286	10	□	□
DGH-OSD-20D-099-S10	9.9	231	286	10	□	□
DGH-OSD-20D-100-S10	10.0	231	286	10	■	■
DGH-OSD-20D-101-S12	10.1	243	298	12	□	□
DGH-OSD-20D-102-S12	10.2	243	298	12	□	□
DGH-OSD-20D-103-S12	10.3	243	298	12	□	□
DGH-OSD-20D-104-S12	10.4	243	298	12	□	□
DGH-OSD-20D-105-S12	10.5	243	298	12	□	□
DGH-OSD-20D-106-S12	10.6	254	315	12	□	□
DGH-OSD-20D-107-S12	10.7	254	315	12	□	□
DGH-OSD-20D-108-S12	10.8	254	315	12	□	□
DGH-OSD-20D-109-S12	10.9	254	315	12	□	□
DGH-OSD-20D-110-S12	11.0	254	315	12	■	■
DGH-OSD-20D-111-S12	11.1	266	327	12	□	□
DGH-OSD-20D-112-S12	11.2	266	327	12	□	□
DGH-OSD-20D-113-S12	11.3	266	327	12	□	□
DGH-OSD-20D-114-S12	11.4	266	327	12	□	□
DGH-OSD-20D-115-S12	11.5	266	327	12	□	□
DGH-OSD-20D-116-S12	11.6	277	338	12	□	□
DGH-OSD-20D-117-S12	11.7	277	338	12	□	□
DGH-OSD-20D-118-S12	11.8	277	338	12	□	□
DGH-OSD-20D-119-S12	11.9	277	338	12	□	□
DGH-OSD-20D-120-S12	12.0	277	338	12	■	■

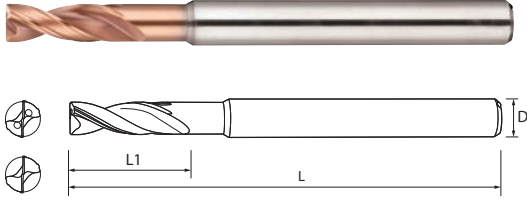
工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

Carbide Drill With / Without Coolant Hole
Carbide Drill With Coolant Hole (10D~20D)
Carbide Flat Bottom Drill With / Without Coolant Hole

3D Cerbide Flat Bottom Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
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3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
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3D 钨钢平底内冷钻头 / 3D Cerbide Flat Bottom Drill With Coolant Hole



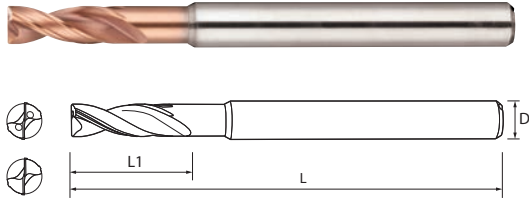
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Coolant Hole	
						Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-EMD-3D-030-S03	3.0	19	69	3	■	■
	DGH-EMD-3D-031-S04	3.1	23	73	4	□	□
	DGH-EMD-3D-032-S04	3.2	23	73	4	□	□
	DGH-EMD-3D-033-S04	3.3	23	73	4	□	□
	DGH-EMD-3D-034-S04	3.4	23	73	4	□	□
	DGH-EMD-3D-035-S04	3.5	23	73	4	□	□
	DGH-EMD-3D-036-S04	3.6	23	73	4	□	□
	DGH-EMD-3D-037-S04	3.7	23	73	4	□	□
Carbide Drill With Coolant Hole (10D~20D)	DGH-EMD-3D-038-S04	3.8	23	73	4	□	□
	DGH-EMD-3D-039-S04	3.9	23	73	4	□	□
	DGH-EMD-3D-040-S04	4.0	23	73	4	■	■
	DGH-EMD-3D-041-S06	4.1	29	82	6	□	□
	DGH-EMD-3D-042-S06	4.2	29	82	6	□	□
	DGH-EMD-3D-043-S06	4.3	29	82	6	□	□
	DGH-EMD-3D-044-S06	4.4	29	82	6	□	□
	DGH-EMD-3D-045-S06	4.5	29	82	6	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-EMD-3D-046-S06	4.6	29	82	6	□	□
	DGH-EMD-3D-047-S06	4.7	29	82	6	□	□
	DGH-EMD-3D-048-S06	4.8	29	82	6	□	□
	DGH-EMD-3D-049-S06	4.9	29	82	6	□	□
	DGH-EMD-3D-050-S06	5.0	29	82	6	■	■
	DGH-EMD-3D-051-S06	5.1	29	82	6	□	□
	DGH-EMD-3D-052-S06	5.2	29	82	6	□	□
	DGH-EMD-3D-053-S06	5.3	29	82	6	□	□
	DGH-EMD-3D-054-S06	5.4	29	82	6	□	□
	DGH-EMD-3D-055-S06	5.5	29	82	6	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	○	○	○	○

备注: ■ 在库产品 □ 需订制

3D Cerbide Flat Bottom Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
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3D 钨钢平底内冷钻头 / 3D Cerbide Flat Bottom Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-EMD-3D-056-S06	5.6	29	82	6	□	□
DGH-EMD-3D-057-S06	5.7	29	82	6	□	□
DGH-EMD-3D-058-S06	5.8	29	82	6	□	□
DGH-EMD-3D-059-S06	5.9	29	82	6	□	□
DGH-EMD-3D-060-S06	6.0	29	82	6	■	■
DGH-EMD-3D-061-S08	6.1	34	89	8	□	□
DGH-EMD-3D-062-S08	6.2	34	89	8	□	□
DGH-EMD-3D-063-S08	6.3	34	89	8	□	□
DGH-EMD-3D-064-S08	6.4	34	89	8	□	□
DGH-EMD-3D-065-S08	6.5	34	89	8	□	□
DGH-EMD-3D-066-S08	6.6	34	89	8	□	□
DGH-EMD-3D-067-S08	6.7	34	89	8	□	□
DGH-EMD-3D-068-S08	6.8	34	89	8	□	□
DGH-EMD-3D-069-S08	6.9	34	89	8	□	□
DGH-EMD-3D-070-S08	7.0	34	89	8	■	■
DGH-EMD-3D-071-S08	7.1	39	95	8	□	□
DGH-EMD-3D-072-S08	7.2	39	95	8	□	□
DGH-EMD-3D-073-S08	7.3	39	95	8	□	□
DGH-EMD-3D-074-S08	7.4	39	95	8	□	□
DGH-EMD-3D-075-S08	7.5	39	95	8	□	□
DGH-EMD-3D-076-S08	7.6	39	95	8	□	□
DGH-EMD-3D-077-S08	7.7	39	95	8	□	□
DGH-EMD-3D-078-S08	7.8	39	95	8	□	□
DGH-EMD-3D-079-S08	7.9	39	95	8	□	□
DGH-EMD-3D-080-S08	8.0	39	95	8	■	■
DGH-EMD-3D-081-S10	8.1	44	101	10	□	□

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

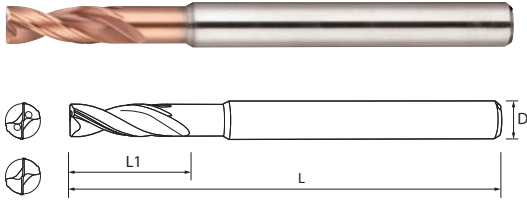
Carbide Flat Bottom Drill
With / Without Coolant Hole

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

3D Cerbide Flat Bottom Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
- 钻头可选择 TiAlN 涂层和 HELICA 涂层
 - TiAlN 涂层加工工件有良好的表面粗糙度
 - HELICA 涂层加工工件极大提高钻头使用寿命
- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

3D 钨钢平底内冷钻头 / 3D Cerbide Flat Bottom Drill With Coolant Hole



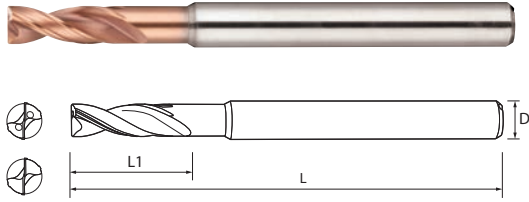
	Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Coolant Hole	
						Oil Hole 内冷	Without 外冷
Carbide Drill With / Without Coolant Hole	DGH-EMD-3D-082-S10	8.2	44	101	10	□	□
	DGH-EMD-3D-083-S10	8.3	44	101	10	□	□
	DGH-EMD-3D-084-S10	8.4	44	101	10	□	□
	DGH-EMD-3D-085-S10	8.5	44	101	10	□	□
	DGH-EMD-3D-086-S10	8.6	44	101	10	□	□
	DGH-EMD-3D-087-S10	8.7	44	101	10	□	□
	DGH-EMD-3D-088-S10	8.8	44	101	10	□	□
	DGH-EMD-3D-089-S10	8.9	44	101	10	□	□
Carbide Drill With Coolant Hole (10D~20D)	DGH-EMD-3D-090-S10	9.0	44	101	10	■	■
	DGH-EMD-3D-091-S10	9.1	49	107	10	□	□
	DGH-EMD-3D-092-S10	9.2	49	107	10	□	□
	DGH-EMD-3D-093-S10	9.3	49	107	10	□	□
	DGH-EMD-3D-094-S10	9.4	49	107	10	□	□
	DGH-EMD-3D-095-S10	9.5	49	107	10	□	□
	DGH-EMD-3D-096-S10	9.6	49	107	10	□	□
	DGH-EMD-3D-097-S10	9.7	49	107	10	□	□
Carbide Flat Bottom Drill With / Without Coolant Hole	DGH-EMD-3D-098-S10	9.8	49	107	10	□	□
	DGH-EMD-3D-099-S10	9.9	49	107	10	□	□
	DGH-EMD-3D-100-S10	10.0	49	107	10	■	■
	DGH-EMD-3D-101-S12	10.1	54	117	12	□	□
	DGH-EMD-3D-102-S12	10.2	54	117	12	□	□
	DGH-EMD-3D-103-S12	10.3	54	117	12	□	□
	DGH-EMD-3D-104-S12	10.4	54	117	12	□	□
	DGH-EMD-3D-105-S12	10.5	54	117	12	□	□
	DGH-EMD-3D-106-S12	10.6	54	117	12	□	□
	DGH-EMD-3D-107-S12	10.7	54	117	12	□	□

工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

3D Cerbide Flat Bottom Drill With Coolant Hole



3D/5D/10D/15D/20D (内冷, 外冷)

- 沟槽的特殊设计可以适用于普通钢, 合金钢, 铸铁及碳钢。
- 自定心功能可免除定心钻
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 - TiAlN 涂层加工工件有良好的表面粗糙度
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- 钻头可接受多次研磨

3D/5D/10D/15D/20D (internal cooling, external cooling)

- the special design of grooves can be applied to ordinary steel, alloy steel, cast iron and carbon steel.
- the self fixed core function can be removed from the fixed point drill
- the TiAlN coating and the HELICA coating can be selected for the drill
 - TiAlN coated workpiece has good surface roughness
 - The working life of HELICA coating greatly improves the service life of the bit
- the drill can receive multiple grinding

3D 钨钢平底内冷钻头 / 3D Cerbide Flat Bottom Drill With Coolant Hole



Edp 产品型号	Drill Dia 直径 D	Flute Length 刃长 L1	Overall Length 全长 L	Shank Dia 柄径	Oil Hole 内冷	Without 外冷
DGH-EMD-3D-108-S12	10.8	54	117	12	□	□
DGH-EMD-3D-109-S12	10.9	54	117	12	□	□
DGH-EMD-3D-110-S12	11.0	54	117	12	■	■
DGH-EMD-3D-111-S12	11.1	59	123	12	□	□
DGH-EMD-3D-112-S12	11.2	59	123	12	□	□
DGH-EMD-3D-113-S12	11.3	59	123	12	□	□
DGH-EMD-3D-114-S12	11.4	59	123	12	□	□
DGH-EMD-3D-115-S12	11.5	59	123	12	□	□
DGH-EMD-3D-116-S12	11.6	59	123	12	□	□
DGH-EMD-3D-117-S12	11.7	59	123	12	□	□
DGH-EMD-3D-118-S12	11.8	59	123	12	□	□
DGH-EMD-3D-119-S12	11.9	59	123	12	□	□
DGH-EMD-3D-120-S12	12.0	59	123	12	■	■
DGH-EMD-3D-121-S13	12.1	64	129	13	□	□
DGH-EMD-3D-122-S13	12.2	64	129	13	□	□
DGH-EMD-3D-123-S13	12.3	64	129	13	□	□
DGH-EMD-3D-124-S13	12.4	64	129	13	□	□
DGH-EMD-3D-125-S13	12.5	64	129	13	□	□
DGH-EMD-3D-126-S13	12.6	64	129	13	□	□
DGH-EMD-3D-127-S13	12.7	64	129	13	□	□
DGH-EMD-3D-128-S13	12.8	64	129	13	□	□
DGH-EMD-3D-129-S13	12.9	64	129	13	□	□
DGH-EMD-3D-130-S13	13.0	64	129	13	■	■

Carbide Drill
With / Without
Coolant Hole

Carbide Drill With
Coolant Hole
(10D~20D)

Carbide Flat Bottom Drill
With / Without Coolant Hole

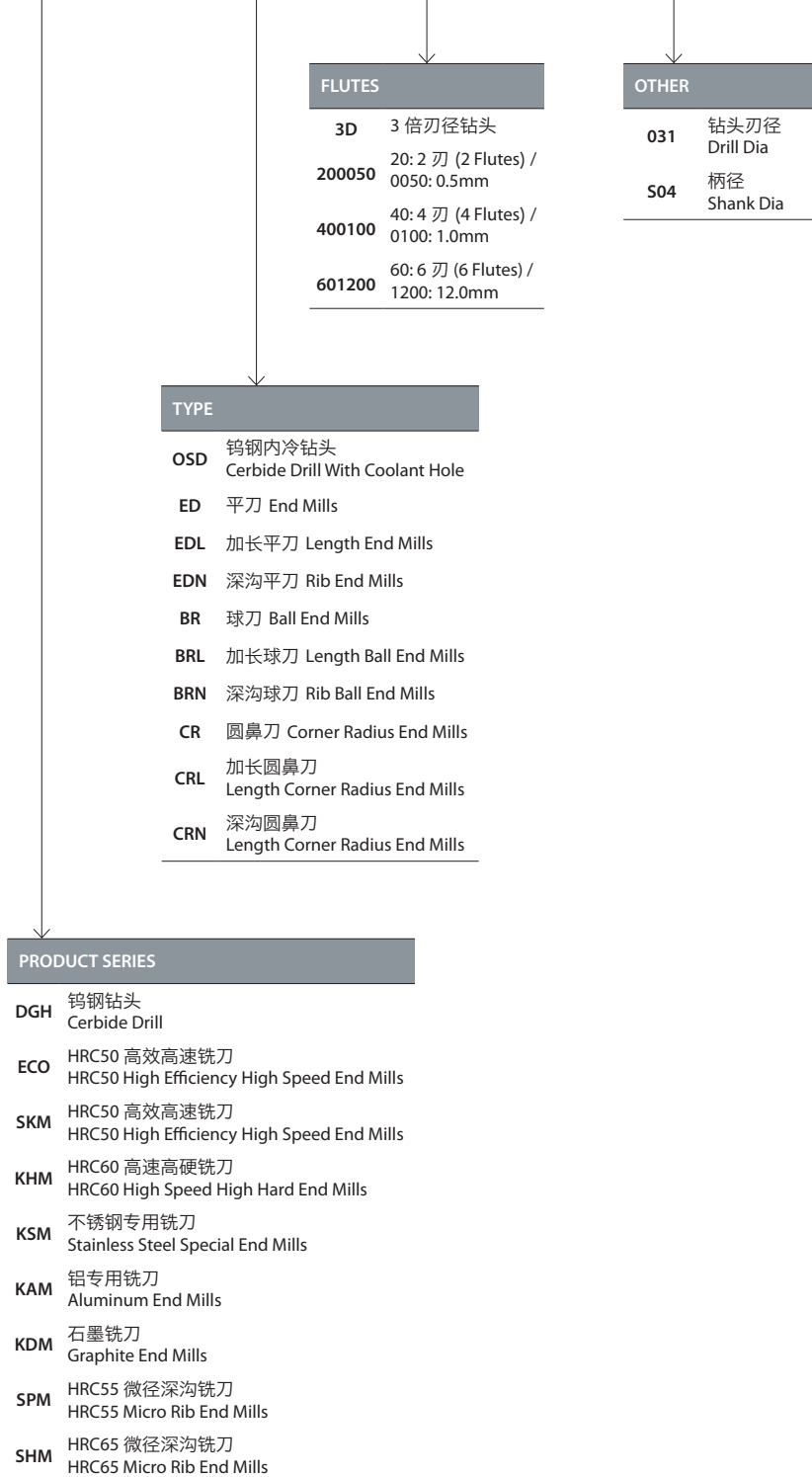
工件材料 Workpiece Material

P			H		
碳钢、合金钢 (<35 HRC) Carbon Steel, Alloy Steel (<35 HRC)	合金钢 (≥48 HRC) Alloy Steel, Tool Steel (≥48 HRC)	PH 与铁素体 / 马氏体钢 PH, Ferrite, Martensite steel (<35 HRC)	淬硬钢 Hardened Steel (45~55 HRC)	淬硬钢 Hardened Steel (55~60 HRC)	淬硬钢 Hardened Steel (>60 HRC)
●	●	●	○	○	○

备注: ■ 在库产品 □ 需订制

产品编码说明 / Product code description

DGH - OSD - 3D - 031 - S04



2018



Mould Cutting Tools
 模具刀具
 Parts Cutting Tools
 零件刀具
 Automobile Processing
 Cutting Tools
 汽车配件加工刀具
 Medical Cutting Tools
 医疗刀具
 Aerospace Cutting Tools
 航空用刀具



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

SKM



SKM 系列刀具
通用刀具
SKM Series
Universal end mills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

SPM



SPM 系列刀具
精密深沟刀具
SPM series
Micro VDI End mills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

KPM



KPM 系列刀具
高性能模具刀具
KPM series
High efficiency mold tool



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

ECO



ECO 系列刀具
通用刀具
ECO series
Universal end mills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

KSM



KSM 系列刀具
不锈钢刀具
KSM series
Stainless End Mills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

KAM



KAM 系列刀具
铝合金刀具
KAM series
Aluminum alloy tool



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

KDM



KDM 系列刀具
石墨刀具
KDM Series
Graphite End Mills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

DGH



DGH 系列刀具
通用钻头
DGH Series
General Drills



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd

PCD



PCD / PCBN / MCD



昆山欧思克精密工具有限公司
Kunshan OSK Precision Tools Co., Ltd



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