

KenTIP™ FS

硬质合金钻和可转位钻的完美结合

与任何一款模块化钻相比，最新推出的 KenTIP FS 模块化钻具有应用范围更为广泛，性能更加出色的特点，在加工车间应用中可节省大量成本，并简化加工流程。

三种钻尖槽型、三种高性能材质、三种不同刀杆类型。

这款模块化钻系统的直径范围为 6–26mm。

可进行 12 x D 钻削深度加工。

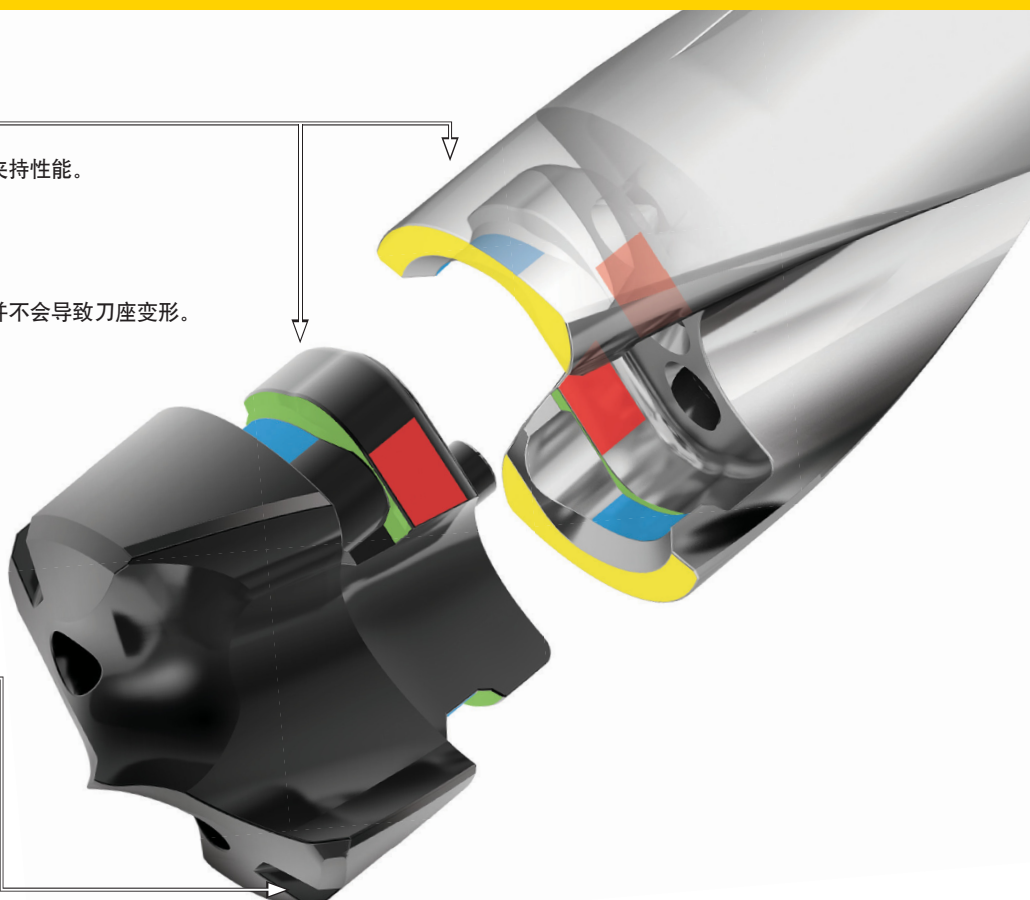
可用于钢、不锈钢，以及铸铁材料的加工应用。

智能接口设计

- 设计独特的锥形面接口可确保刚性极佳的夹持性能。
- 拉钉锁紧装置可避免刀片的拉脱。
- 更大的支承面可确保大扭矩的安全传输，并不会导致刀座变形。
- 更大接触面。

高性能，刀具寿命长，即使在不稳定条件的应用中也是如此。

快速释放
每个钻体提供一只 KenTIP 智能扳手。
在机床上的换刀操作变得容易，
可缩短停机时间。并可节省金钱。



回收利用取代刀具修磨

KenTIP™ FS 在应用每一个新刀片过程中都表现出稳定、一致的性能。减少刀具库存，简化加工工艺，从而降低运营成本支出。参与我们的回收服务计划，用废旧硬质合金刀片折抵成本。

快速排屑

大面积、高精度的排屑槽可确保顺畅的排屑，从而延长刀具寿命，改善刀具性能。

多功能冷却方式

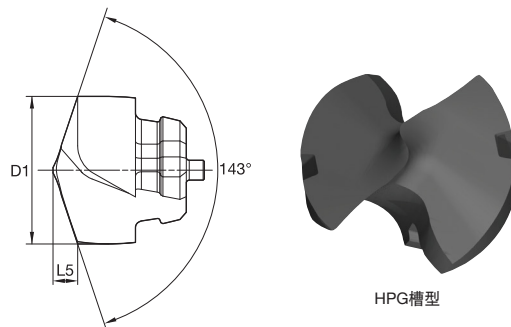
冷却液可输送至钻尖部位和前角面部位，确保冷却液可输送至所需要的区域。

独特的钻尖槽型
三种特殊材料、自定心钻尖设计确保卓越的孔加工精度，以及优化的刀具性能。

整体硬质合金刀头

KenTIP FS 刀片可包括钻头的完整刀头部位。接口装置有充分的保护，避免切屑与工件接触。

- HPG 钻尖槽型用于钢材料加工。
- 极佳的定位和定中心性能，可用于没有预定心的钻孔加工，甚至还可用于深孔加工。
- KCP15A™ 采用 AlTiN PVD 单层涂层。
- 极高的热稳定性。
- 卓越的韧性和耐磨性。
- 外冷。



■ KenTIP FS 刀片 • HPG KCP15A • 无内冷通道



KCP15A	D1		L5		刀具尺寸
	mm	in	mm	in	
KTFSS06000HPGM	6,000	.2362	1,370	.0539	A
KTFSS06100HPGM	6,100	.2402	1,380	.0543	A
KTFSS06200HPGM	6,200	.2441	1,400	.0551	A
KTFSS06300HPGM	6,300	.2480	1,440	.0567	B
KTFSS06350HPGM	6,350	.2500	1,450	.0571	B
KTFSS06400HPGM *	6,400	.2520	1,450	.0571	B
KTFSS06500HPGM	6,500	.2559	1,470	.0579	B
KTFSS06530HPGM	6,530	.2571	1,480	.0583	B
KTFSS06600HPGM	6,600	.2598	1,490	.0587	C
KTFSS06629HPGM *	6,629	.2610	1,500	.0591	C
KTFSS06700HPGM	6,700	.2638	1,510	.0594	C
KTFSS06746HPGM	6,746	.2656	1,520	.0598	C
KTFSS06800HPGM	6,800	.2677	1,530	.0602	C
KTFSS06900HPGM *	6,900	.2717	1,540	.0606	C
KTFSS06909HPGM	6,909	.2720	1,540	.0606	C
KTFSS07000HPGM	7,000	.2756	1,590	.0626	D
KTFSS07100HPGM *	7,100	.2795	1,610	.0634	D
KTFSS07145HPGM	7,145	.2813	1,610	.0634	D
KTFSS07200HPGM *	7,200	.2835	1,620	.0638	D
KTFSS07366HPGM	7,366	.2900	1,650	.0650	D
KTFSS07400HPGM	7,400	.2913	1,660	.0654	D
KTFSS07500HPGM	7,500	.2953	1,680	.0661	E
KTFSS07541HPGM	7,541	.2969	1,690	.0665	E
KTFSS07600HPGM *	7,600	.2992	1,700	.0669	E
KTFSS07700HPGM *	7,700	.3031	1,710	.0673	E
KTFSS07800HPGM *	7,800	.3071	1,730	.0681	E
KTFSS07900HPGM *	7,900	.3110	1,750	.0689	E
KTFSS07938HPGM	7,938	.3125	1,750	.0689	E
KTFSS08000HPGM	8,000	.3150	1,800	.0709	F
KTFSS08100HPGM	8,100	.3189	1,820	.0717	F
KTFSS08164HPGM	8,164	.3214	1,830	.0720	F
KTFSS08204HPGM	8,204	.3230	1,840	.0724	F
KTFSS08300HPGM	8,300	.3268	1,850	.0728	F
KTFSS08334HPGM	8,334	.3281	1,860	.0732	F
KTFSS08400HPGM	8,400	.3307	1,870	.0736	F
KTFSS08433HPGM	8,433	.3320	1,870	.0736	F
KTFSS08500HPGM	8,500	.3346	1,890	.0744	G
KTFSS08600HPGM	8,600	.3386	1,910	.0752	G
KTFSS08611HPGM *	8,611	.3390	1,910	.0752	G
KTFSS08700HPGM	8,700	.3425	1,920	.0756	G

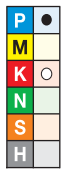


- 首选
- 备选

KCP15A	D1		L5		刀具尺寸
	mm	in	mm	in	
KTFSS08733HPGM	8,732	.3438	1,930	.0760	G
KTFSS08800HPGM	8,800	.3465	1,940	.0764	G
KTFSS08839HPGM *	8,839	.3480	1,950	.0768	G
KTFSS08900HPGM *	8,900	.3504	1,960	.0772	G
KTFSS09000HPGM	9,000	.3543	2,010	.0791	H
KTFSS09093HPGM *	9,093	.3580	2,030	.0799	H
KTFSS09100HPGM	9,100	.3583	2,030	.0799	H
KTFSS09129HPGM *	9,129	.3594	2,030	.0799	H
KTFSS09200HPGM	9,200	.3622	2,040	.0803	H
KTFSS09300HPGM	9,300	.3661	2,060	.0811	H
KTFSS09347HPGM	9,347	.3680	2,070	.0815	H
KTFSS09400HPGM	9,400	.3701	2,080	.0819	H
KTFSS09500HPGM	9,500	.3740	2,100	.0827	I
KTFSS09525HPGM	9,525	.3750	2,110	.0831	I
KTFSS09558HPGM	9,558	.3763	2,110	.0831	I
KTFSS09600HPGM	9,600	.3780	2,120	.0835	I
KTFSS09700HPGM	9,700	.3819	2,130	.0839	I
KTFSS09800HPGM	9,800	.3858	2,150	.0846	I
KTFSS09900HPGM	9,900	.3898	2,170	.0854	I
KTFSS09921HPGM	9,921	.3906	2,170	.0854	I
KTFSS10000HPGM	10,000	.3937	2,220	.0874	J
KTFSS10023HPGM	10,023	.3946	2,220	.0874	J
KTFSS10084HPGM *	10,084	.3970	2,230	.0878	J
KTFSS10100HPGM	10,100	.3976	2,240	.0882	J
KTFSS10200HPGM	10,200	.4016	2,250	.0886	J
KTFSS10262HPGM *	10,262	.4040	2,260	.0890	J
KTFSS10300HPGM	10,300	.4055	2,270	.0894	J
KTFSS10320HPGM	10,320	.4063	2,270	.0894	J
KTFSS10400HPGM	10,400	.4094	2,290	.0902	J
KTFSS10490HPGM	10,490	.4130	2,300	.0906	J
KTFSS10500HPGM	10,500	.4134	2,310	.0909	K
KTFSS10600HPGM	10,600	.4173	2,330	.0917	K
KTFSS10700HPGM	10,700	.4213	2,340	.0921	K
KTFSS10716HPGM	10,716	.4219	2,350	.0925	K
KTFSS10800HPGM	10,800	.4252	2,360	.0929	K
KTFSS10900HPGM	10,900	.4291	2,380	.0937	K
KTFSS11000HPGM	11,000	.4331	2,430	.0957	L
KTFSS11100HPGM	11,100	.4370	2,450	.0965	L
KTFSS11113HPGM	11,112	.4375	2,450	.0965	L
KTFSS11200HPGM	11,200	.4409	2,460	.0969	L

(续)

(KenTIP FS 刀片 • HPG KCP15A • 无内冷通道 — 续)



KCP15A	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFSS11300HPGM	11,300	.4449	2,480	.0976	L
KTFSS11400HPGM	11,400	.4488	2,500	.0984	L
KTFSS11500HPGM	11,500	.4528	2,520	.0992	M
KTFSS11509HPGM	11,509	.4531	2,520	.0992	M
KTFSS11600HPGM	11,600	.4567	2,540	.1000	M
KTFSS11700HPGM	11,700	.4606	2,550	.1004	M
KTFSS11800HPGM	11,800	.4646	2,570	.1012	M
KTFSS11900HPGM	11,900	.4685	2,590	.1020	M
KTFSS11908HPGM	11,908	.4688	2,590	.1020	M
KTFSS12000HPGM	12,000	.4724	2,640	.1039	N
KTFSS12100HPGM	12,100	.4764	2,650	.1043	N
KTFSS12200HPGM	12,200	.4803	2,670	.1051	N
KTFSS12304HPGM	12,304	.4844	2,690	.1059	N
KTFSS12400HPGM	12,400	.4882	2,700	.1063	N
KTFSS12474HPGM	12,474	.4911	2,720	.1071	N
KTFSS12500HPGM	12,500	.4921	2,730	.1075	O
KTFSS12600HPGM	12,600	.4961	2,740	.1079	O
KTFSS12700HPGM	12,700	.5000	2,760	.1087	O
KTFSS12800HPGM	12,800	.5039	2,780	.1094	O
KTFSS12900HPGM	12,900	.5079	2,790	.1098	O
KTFSS13000HPGM	13,000	.5118	2,850	.1122	P
KTFSS13096HPGM	13,096	.5156	2,860	.1126	P
KTFSS13200HPGM	13,200	.5197	2,880	.1134	P
KTFSS13280HPGM	13,280	.5228	2,890	.1138	P
KTFSS13300HPGM	13,300	.5236	2,900	.1142	P
KTFSS13380HPGM	13,380	.5268	2,910	.1146	P
KTFSS13400HPGM	13,400	.5276	2,910	.1146	P
KTFSS13492HPGM	13,492	.5312	2,930	.1154	P
KTFSS13500HPGM	13,500	.5315	2,930	.1154	Q
KTFSS13600HPGM	13,600	.5354	2,950	.1161	Q
KTFSS13700HPGM	13,700	.5394	2,970	.1169	Q
KTFSS13800HPGM	13,800	.5433	2,980	.1173	Q
KTFSS13891HPGM	13,891	.5469	3,000	.1181	Q
KTFSS13896HPGM *	13,896	.5471	3,000	.1181	Q
KTFSS13940HPGM	13,940	.5488	3,010	.1185	Q
KTFSS14000HPGM	14,000	.5512	3,050	.1201	R
KTFSS14100HPGM	14,100	.5551	3,070	.1209	R
KTFSS14200HPGM	14,200	.5591	3,090	.1217	R
KTFSS14288HPGM	14,288	.5625	3,100	.1220	R
KTFSS14300HPGM	14,300	.5630	3,100	.1220	R
KTFSS14400HPGM	14,400	.5669	3,120	.1228	R
KTFSS14500HPGM	14,500	.5709	3,140	.1236	S
KTFSS14600HPGM	14,600	.5748	3,160	.1244	S
KTFSS14666HPGM *	14,666	.5774	3,170	.1248	S
KTFSS14684HPGM	14,684	.5781	3,170	.1248	S
KTFSS14700HPGM	14,700	.5787	3,170	.1248	S
KTFSS14800HPGM	14,800	.5827	3,190	.1256	S
KTFSS14900HPGM *	14,900	.5866	3,210	.1264	S
KTFSS15000HPGM	15,000	.5906	3,260	.1283	T
KTFSS15083HPGM	15,082	.5938	3,270	.1287	T
KTFSS15100HPGM	15,100	.5945	3,280	.1291	T
KTFSS15200HPGM	15,200	.5984	3,290	.1295	T
KTFSS15300HPGM	15,300	.6024	3,310	.1303	T
KTFSS15380HPGM	15,380	.6055	3,320	.1307	T
KTFSS15400HPGM	15,400	.6063	3,330	.1311	T
KTFSS15479HPGM	15,479	.6094	3,340	.1315	T



● 首选
○ 备选

KCP15A	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFSS15500HPGM	15,500	.6102	3,340	.1315	T
KTFSS15600HPGM	15,600	.6142	3,360	.1323	T
KTFSS15700HPGM	15,700	.6181	3,380	.1331	T
KTFSS15800HPGM	15,800	.6220	3,390	.1335	T
KTFSS15875HPGM	15,875	.6250	3,410	.1343	T
KTFSS15900HPGM *	15,900	.6260	3,410	.1343	T
KTFSS16000HPGM	16,000	.6299	3,480	.1370	U
KTFSS16027HPGM *	16,027	.6310	3,490	.1374	U
KTFSS16080HPGM *	16,080	.6331	3,490	.1374	U
KTFSS16100HPGM	16,100	.6339	3,500	.1378	U
KTFSS16104HPGM	16,104	.6340	3,500	.1378	U
KTFSS16200HPGM	16,200	.6378	3,510	.1382	U
KTFSS16271HPGM	16,271	.6406	3,530	.1390	U
KTFSS16300HPGM	16,300	.6417	3,530	.1390	U
KTFSS16400HPGM	16,400	.6457	3,550	.1398	U
KTFSS16500HPGM	16,500	.6496	3,570	.1406	U
KTFSS16600HPGM	16,600	.6535	3,580	.1409	U
KTFSS16670HPGM	16,670	.6563	3,590	.1413	U
KTFSS16700HPGM	16,700	.6575	3,600	.1417	U
KTFSS16800HPGM	16,800	.6614	3,620	.1425	U
KTFSS16900HPGM	16,900	.6654	3,630	.1429	U
KTFSS17000HPGM	17,000	.6693	3,660	.1441	V
KTFSS17066HPGM	17,066	.6719	3,670	.1445	V
KTFSS17100HPGM	17,100	.6732	3,670	.1445	V
KTFSS17200HPGM	17,200	.6772	3,690	.1453	V
KTFSS17300HPGM *	17,300	.6811	3,710	.1461	V
KTFSS17400HPGM	17,400	.6850	3,720	.1465	V
KTFSS17463HPGM	17,462	.6875	3,740	.1472	V
KTFSS17480HPGM	17,480	.6882	3,740	.1472	V
KTFSS17500HPGM	17,500	.6890	3,740	.1472	V
KTFSS17600HPGM	17,600	.6929	3,760	.1480	V
KTFSS17700HPGM	17,700	.6969	3,770	.1484	V
KTFSS17800HPGM	17,800	.7008	3,790	.1492	V
KTFSS17859HPGM	17,859	.7031	3,800	.1496	V
KTFSS17900HPGM	17,900	.7047	3,810	.1500	V
KTFSS18000HPGM	18,000	.7087	3,890	.1531	W
KTFSS18100HPGM	18,100	.7126	3,910	.1539	W
KTFSS18200HPGM	18,200	.7165	3,930	.1547	W
KTFSS18258HPGM	18,258	.7188	3,940	.1551	W
KTFSS18300HPGM	18,300	.7205	3,940	.1551	W
KTFSS18400HPGM	18,400	.7244	3,960	.1559	W
KTFSS18500HPGM	18,500	.7283	3,980	.1567	W
KTFSS18600HPGM	18,600	.7323	3,990	.1571	W
KTFSS18654HPGM	18,654	.7344	4,000	.1575	W
KTFSS18700HPGM	18,700	.7362	4,010	.1579	W
KTFSS18800HPGM	18,800	.7402	4,030	.1587	W
KTFSS18900HPGM	18,900	.7441	4,040	.1591	W
KTFSS19000HPGM	19,000	.7480	4,070	.1602	X
KTFSS19050HPGM	19,050	.7500	4,080	.1606	X
KTFSS19100HPGM	19,100	.7520	4,090	.1610	X
KTFSS19200HPGM	19,200	.7559	4,100	.1614	X
KTFSS19228HPGM	19,228	.7570	4,110	.1618	X
KTFSS19253HPGM *	19,253	.7580	4,110	.1618	X
KTFSS19279HPGM	19,279	.7590	4,120	.1622	X
KTFSS19300HPGM	19,300	.7598	4,120	.1622	X
KTFSS19355HPGM *	19,355	.7620	4,130	.1626	X

(续)

(KenTIP FS 刀片 • HPG KCP15A™ • 无内冷通道 — 续)



D1

L5

刀座尺寸

KCP15A

mm

in

mm

in

刀座尺寸

KTFSS19400HPGM

19,400

.7638

4,140

.1630

X

KTFSS19446HPGM

19,446

.7656

4,140

.1630

X

KTFSS19460HPGM

19,460

.7661

4,150

.1634

X

KTFSS19500HPGM

19,500

.7677

4,150

.1634

X

KTFSS19600HPGM

19,600

.7717

4,170

.1642

X

KTFSS19700HPGM

19,700

.7756

4,190

.1650

X

KTFSS19800HPGM

19,800

.7795

4,200

.1654

X

KTFSS19845HPGM

19,845

.7813

4,210

.1657

X

KTFSS19900HPGM

19,900

.7835

4,220

.1661

X

KTFSS20000HPGM

20,000

.7874

4,310

.1697

Y

KTFSS20100HPGM

20,100

.7913

4,320

.1701

Y

KTFSS20200HPGM

20,200

.7953

4,340

.1709

Y

KTFSS20241HPGM *

20,241

.7969

4,350

.1713

Y

KTFSS20300HPGM

20,300

.7992

4,360

.1717

Y

KTFSS20500HPGM

20,500

.8071

4,390

.1728

Y

KTFSS20600HPGM

20,600

.8110

4,410

.1736

Y

KTFSS20638HPGM

20,638

.8125

4,410

.1736

Y

KTFSS20700HPGM *

20,700

.8150

4,420

.1740

Y

KTFSS20800HPGM

20,800

.8189

4,440

.1748

Y

KTFSS20900HPGM *

20,900

.8228

4,460

.1756

Y

KTFSS20990HPGM *

20,990

.8264

4,470

.1760

Y

KTFSS21000HPGM

21,000

.8268

4,480

.1764

Z

KTFSS21100HPGM *

21,100

.8307

4,500

.1772

Z

KTFSS21200HPGM

21,200

.8346

4,510

.1776

Z

KTFSS21300HPGM *

21,300

.8386

4,530

.1783

Z

KTFSS21400HPGM *

21,400

.8425

4,550

.1791

Z

KTFSS21433HPGM

21,432

.8438

4,550

.1791

Z

KTFSS21500HPGM

21,500

.8465

4,560

.1795

Z

KTFSS21700HPGM

21,700

.8543

4,600

.1811

Z

KTFSS21800HPGM *

21,800

.8583

4,610

.1815

Z

KTFSS21829HPGM

21,829

.8594

4,620

.1819

Z

KTFSS21900HPGM *

21,900

.8622

4,630

.1823

Z

KTFSS22000HPGM

22,000

.8661

4,720

.1858

ZA

KTFSS22100HPGM *

22,100

.8701

4,730

.1862

ZA

KTFSS22200HPGM *

22,200

.8740

4,750

.1870

ZA

KTFSS22225HPGM

22,225

.8750

4,750

.1870

ZA

KTFSS22400HPGM *

22,400

.8819

4,780

.1882

ZA

KTFSS22500HPGM

22,500

.8858

4,800

.1890

ZA

KTFSS22600HPGM *

22,600

.8898

4,820

.1898

ZA

KTFSS22700HPGM *

22,700

.8937

4,830

.1902

ZA



● 首选
○ 备选

D1

L5

刀座尺寸

KCP15A

mm

in

mm

in

刀座尺寸

KTFSS22800HPGM

22,800

.8976

4,850

.1909

ZA

KTFSS22900HPGM *

22,900

.9016

4,870

.1917

ZA

KTFSS23000HPGM

23,000

.9055

4,890

.1925

ZB

KTFSS23100HPGM

23,100

.9094

4,910

.1933

ZB

KTFSS23200HPGM *

23,200

.9134

4,920

.1937

ZB

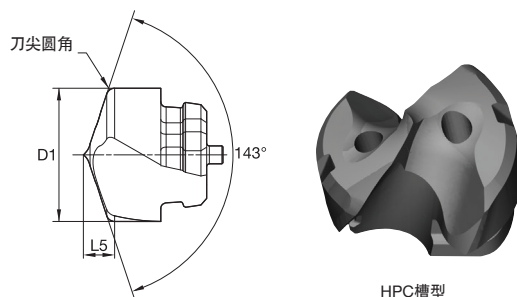
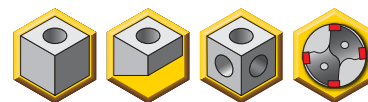
KTFSS23300HPGM

23,300

■ 模块化钻硬质合金刀板 • KenTIP™ FS • HPG 槽型 • KCP15A™ 材质 • 刀片无内冷通道 • 刀体上有内冷通道 • 公制

材料 分组		切削速度 — vc 范围 — m/min			公制						
					推荐每转进给						
		最小值	初始值	最大值		8,0	10,0	12,0	14,0	16,0	20,0
P	1	90	130	170	毫米/转	0,11–0,22	0,13–0,28	0,14–0,34	0,17–0,43	0,19–0,50	0,25–0,53
	2	100	140	180	毫米/转	0,11–0,26	0,13–0,32	0,14–0,36	0,17–0,40	0,19–0,50	0,25–0,53
	3	60	100	130	毫米/转	0,11–0,31	0,12–0,39	0,16–0,41	0,21–0,51	0,23–0,51	0,30–0,56
	4	60	100	130	毫米/转	0,11–0,31	0,12–0,39	0,16–0,41	0,17–0,51	0,18–0,51	0,23–0,51
	5	60	70	100	毫米/转	0,10–0,22	0,10–0,25	0,10–0,28	0,14–0,32	0,16–0,35	0,20–0,46
	6	60	70	70	毫米/转	0,10–0,22	0,10–0,25	0,10–0,28	0,14–0,32	0,16–0,35	0,20–0,46
K	1	80	120	170	毫米/转	0,15–0,32	0,16–0,35	0,17–0,39	0,21–0,46	0,25–0,53	0,31–0,65
	2	80	110	120	毫米/转	0,15–0,32	0,16–0,33	0,17–0,36	0,21–0,45	0,25–0,53	0,31–0,65
	3	50	80	100	毫米/转	0,16–0,33	0,17–0,36	0,18–0,40	0,20–0,45	0,21–0,48	0,23–0,53

- HPC 钻头槽型用于钢材料加工。
- 四刃带设计确保极好的孔垂直度。
- 大刃尖半径可避免崩刃，在通孔加工应用中可减少退刀时形成的毛刺。
- KC7410™ 采用 AlCr PVD 复合涂层。
- 出色的耐磨性。
- 带内冷。



■ KenTIP FS 刀片 • HPC KC7410 • 带内冷通道

P M K N S H	D1		L5		刀座尺寸
	mm	in	mm	in	
KC7410					
KTFST06000HPCM	6,000	.2362	1,410	.0555	A
KTFST06200HPCM	6,200	.2441	1,440	.0567	A
KTFST06350HPCM	6,350	.2500	1,490	.0587	B
KTFST06500HPCM	6,500	.2559	1,510	.0594	B
KTFST06530HPCM	6,530	.2571	1,520	.0598	B
KTFST06700HPCM	6,700	.2638	1,570	.0618	C
KTFST06746HPCM	6,746	.2656	1,570	.0618	C
KTFST06800HPCM	6,800	.2677	1,580	.0622	C
KTFST07000HPCM	7,000	.2756	1,640	.0646	D
KTFST07145HPCM	7,145	.2813	1,670	.0657	D
KTFST07300HPCM	7,300	.2874	1,690	.0665	D
KTFST07500HPCM	7,500	.2953	1,760	.0693	E
KTFST07600HPCM	7,600	.2992	1,780	.0701	E
KTFST07800HPCM	7,800	.3071	1,810	.0713	E
KTFST07938HPCM	7,938	.3125	1,830	.0720	E
KTFST08000HPCM	8,000	.3150	1,880	.0740	F
KTFST08100HPCM *	8,100	.3189	1,890	.0744	F
KTFST08204HPCM *	8,204	.3230	1,910	.0752	F
KTFST08500HPCM	8,500	.3346	1,990	.0783	G
KTFST08600HPCM *	8,600	.3386	2,010	.0791	G
KTFST08700HPCM *	8,700	.3425	2,030	.0799	G
KTFST08733HPCM *	8,732	.3438	2,030	.0799	G
KTFST09000HPCM	9,000	.3543	2,110	.0831	H
KTFST09100HPCM *	9,100	.3583	2,130	.0839	H
KTFST09500HPCM	9,500	.3740	2,230	.0878	I
KTFST09525HPCM	9,525	.3750	2,230	.0878	I
KTFST09600HPCM *	9,600	.3780	2,250	.0886	I
KTFST09700HPCM *	9,700	.3819	2,260	.0890	I
KTFST09800HPCM *	9,800	.3858	2,280	.0898	I
KTFST09921HPCM	9,921	.3906	2,300	.0906	I
KTFST10000HPCM	10,000	.3937	2,350	.0925	J
KTFST10023HPCM *	10,023	.3946	2,350	.0925	J
KTFST10200HPCM	10,200	.4016	2,380	.0937	J
KTFST10300HPCM	10,300	.4055	2,400	.0945	J
KTFST10320HPCM *	10,320	.4063	2,400	.0945	J
KTFST10500HPCM	10,500	.4134	2,460	.0969	K

P M K N S H	D1		L5		刀座尺寸
	mm	in	mm	in	
KC7410					
KTFST10600HPCM *	10,600	.4173	2,480	.0976	K
KTFST10700HPCM *	10,700	.4213	2,500	.0984	K
KTFST10716HPCM	10,716	.4219	2,500	.0984	K
KTFST10800HPCM	10,800	.4252	2,510	.0988	K
KTFST11000HPCM	11,000	.4331	2,580	.1016	L
KTFST11100HPCM	11,100	.4370	2,600	.1024	L
KTFST11113HPCM	11,112	.4375	2,600	.1024	L
KTFST11400HPCM	11,400	.4488	2,650	.1043	L
KTFST11500HPCM	11,500	.4528	2,700	.1063	M
KTFST11800HPCM *	11,800	.4646	2,750	.1083	M
KTFST11908HPCM *	11,908	.4688	2,770	.1091	M
KTFST12000HPCM	12,000	.4724	2,820	.1110	N
KTFST12304HPCM *	12,304	.4844	2,870	.1130	N
KTFST12500HPCM	12,500	.4921	2,930	.1154	O
KTFST12700HPCM	12,700	.5000	2,970	.1169	O
KTFST13000HPCM	13,000	.5118	3,050	.1201	P
KTFST13096HPCM	13,096	.5156	3,070	.1209	P
KTFST13200HPCM *	13,200	.5197	3,080	.1213	P
KTFST13300HPCM	13,300	.5236	3,100	.1220	P
KTFST13492HPCM	13,492	.5312	3,130	.1232	P
KTFST13500HPCM	13,500	.5315	3,170	.1248	Q
KTFST13600HPCM	13,600	.5354	3,180	.1252	Q
KTFST13800HPCM	13,800	.5433	3,220	.1268	Q
KTFST13891HPCM	13,891	.5469	3,230	.1272	Q
KTFST14000HPCM	14,000	.5512	3,290	.1295	R
KTFST14100HPCM *	14,100	.5551	3,300	.1299	R
KTFST14288HPCM	14,288	.5625	3,330	.1311	R
KTFST14500HPCM	14,500	.5709	3,400	.1339	S
KTFST14600HPCM *	14,600	.5748	3,420	.1346	S
KTFST14684HPCM *	14,684	.5781	3,430	.1350	S
KTFST14800HPCM *	14,800	.5827	3,450	.1358	S
KTFST15000HPCM	15,000	.5906	3,520	.1386	T
KTFST15083HPCM *	15,082	.5938	3,530	.1390	T
KTFST15100HPCM	15,100	.5945	3,540	.1394	T
KTFST15200HPCM *	15,200	.5984	3,550	.1398	T
KTFST15300HPCM *	15,300	.6024	3,570	.1406	T

(续)

(KenTIP FS 刀片 • HPC KC7410 • 带内冷通道 — 续)



KC7410	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST15500HPCM	15,500	.6102	3,600	.1417	T
KTFST15600HPCM *	15,600	.6142	3,620	.1425	T
KTFST15800HPCM	15,800	.6220	3,650	.1437	T
KTFST15875HPCM *	15,875	.6250	3,670	.1445	T
KTFST16000HPCM	16,000	.6299	3,750	.1476	U
KTFST16100HPCM	16,100	.6339	3,770	.1484	U
KTFST16104HPCM *	16,104	.6340	3,770	.1484	U
KTFST16200HPCM *	16,200	.6378	3,790	.1492	U
KTFST16271HPCM *	16,271	.6406	3,800	.1496	U
KTFST16300HPCM *	16,300	.6417	3,800	.1496	U
KTFST16500HPCM	16,500	.6496	3,840	.1512	U
KTFST16550HPCM *	16,550	.6516	3,850	.1516	U
KTFST16600HPCM	16,600	.6535	3,850	.1516	U
KTFST16670HPCM	16,670	.6563	3,870	.1524	U
KTFST17000HPCM	17,000	.6693	3,990	.1571	V
KTFST17066HPCM *	17,066	.6719	4,000	.1575	V
KTFST17100HPCM *	17,100	.6732	4,010	.1579	V
KTFST17200HPCM	17,200	.6772	4,020	.1583	V
KTFST17300HPCM	17,300	.6811	4,040	.1591	V
KTFST17463HPCM *	17,462	.6875	4,070	.1602	V
KTFST17500HPCM	17,500	.6890	4,070	.1602	V
KTFST17550HPCM *	17,550	.6909	4,080	.1606	V
KTFST17600HPCM	17,600	.6929	4,090	.1610	V
KTFST17700HPCM *	17,700	.6969	4,110	.1618	V
KTFST17800HPCM	17,800	.7008	4,120	.1622	V
KTFST18000HPCM	18,000	.7087	4,220	.1661	W
KTFST18100HPCM *	18,100	.7126	4,240	.1669	W
KTFST18258HPCM *	18,258	.7188	4,270	.1681	W
KTFST18500HPCM	18,500	.7283	4,310	.1697	W
KTFST18600HPCM	18,600	.7323	4,320	.1701	W
KTFST18700HPCM *	18,700	.7362	4,340	.1709	W
KTFST19000HPCM	19,000	.7480	4,460	.1756	X



● 首选
○ 备选

KC7410	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST19050HPCM	19,050	.7500	4,470	.1760	X
KTFST19279HPCM *	19,279	.7590	4,500	.1772	X
KTFST19446HPCM *	19,446	.7656	4,530	.1783	X
KTFST19500HPCM	19,500	.7677	4,540	.1787	X
KTFST19800HPCM *	19,800	.7795	4,590	.1807	X
KTFST20000HPCM	20,000	.7874	4,690	.1846	Y
KTFST20241HPCM	20,241	.7969	4,730	.1862	Y
KTFST20300HPCM *	20,300	.7992	4,740	.1866	Y
KTFST20500HPCM	20,500	.8071	4,780	.1882	Y
KTFST20638HPCM	20,638	.8125	4,800	.1890	Y
KTFST21000HPCM	21,000	.8268	4,930	.1941	Z
KTFST21433HPCM *	21,432	.8438	5,000	.1969	Z
KTFST21500HPCM *	21,500	.8465	5,010	.1972	Z
KTFST22000HPCM	22,000	.8661	5,160	.2031	ZA
KTFST22225HPCM *	22,225	.8750	5,200	.2047	ZA
KTFST22440HPCM *	22,440	.8835	5,240	.2063	ZA
KTFST22500HPCM *	22,500	.8858	5,250	.2067	ZA
KTFST23000HPCM	23,000	.9055	5,400	.2126	ZB
KTFST23416HPCM *	23,416	.9219	5,470	.2154	ZB
KTFST23500HPCM *	23,500	.9252	5,480	.2157	ZB
KTFST23813HPCM *	23,812	.9375	5,530	.2177	ZB
KTFST24000HPCM	24,000	.9449	5,630	.2217	ZC
KTFST24500HPCM *	24,500	.9646	5,720	.2252	ZC
KTFST24608HPCM *	24,608	.9688	5,730	.2256	ZC
KTFST25000HPCM	25,000	.9843	5,870	.2311	ZD
KTFST25070HPCM *	25,070	.9870	5,880	.2315	ZD
KTFST25400HPCM	25,400	1.0000	5,930	.2335	ZD
KTFST25500HPCM *	25,500	1.0039	5,950	.2343	ZD
KTFST25679HPCM *	25,679	1.0110	5,980	.2354	ZD
KTFST25806HPCM *	25,806	1.0160	6,000	.2362	ZD
KTFST26000HPCM	26,000	1.0236	6,030	.2374	ZD

注: *按订单生产标准型产品。适用于标准定价、交期按实际生产周期而定, 以及最低订购量的规定。

D1 ≤ 19,999mm 的产品将于 2017 年 11 月供应市场。

D1 ≥ 20mm 的产品将于 2018 年 1 月 1 日后供应市场。

KenTIP FS HPC 槽型

公差

D1 公制	公差 k8
6	0,000/+0,018
>6-10	0,000/+0,022
>10-18	0,000/+0,027
>18-26	0,000/+0,033

应用参数

■ 模块化钻硬质合金刀板 • KenTIP™ FS • HOC 槽型 • KC7410™ 材质 • 内冷 • 公制

材料 分组		切削速度 — vc 范围 — m/min			公制						
					推荐每转进给						
		最小值	初始值	最大值		8,0	10,0	12,0	14,0	16,0	20,0
K	1	100	175	200	毫米/转	0,14–0,34	0,16–0,39	0,19–0,45	0,23–0,50	0,26–0,58	0,3–0,64
	2	100	160	180	毫米/转	0,14–0,34	0,16–0,39	0,19–0,45	0,23–0,50	0,26–0,58	0,3–0,64
	3	70	85	120	毫米/转	0,13–0,27	0,15–0,33	0,17–0,37	0,19–0,42	0,21–0,46	0,28–0,54

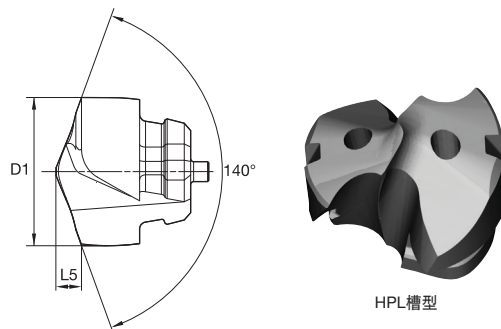
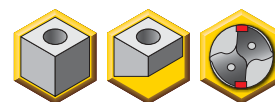
kennametal.com

H13

关于PDF内容涉及《广告法》违禁词、极限词用语作废声明

本PDF文字、图片中涉及《广告法》中违禁词、极限词等词语的, 在此申明一律作废, 不作为产品介绍的依据。谢谢配合。

- HPG 钻尖槽型用于不锈钢材料加工。
- 每个切削刃可以形成两条切屑，可以形成连续平稳的切屑流。
- KCMS15™ 采用 AlTiN PVD 单层涂层。
- 避免积屑瘤的形成，确保出色的孔加工质量。
- 极高的金属去除率。
- 带内冷。



■ KenTIP FS 刀片 • HPL KCMS15 • 带内冷通道



KCMS15	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST06000HPLM	6,000	.2362	1,340	.0528	A
KTFST06350HPLM	6,350	.2500	1,400	.0551	B
KTFST06500HPLM	6,500	.2559	1,430	.0563	B
KTFST06629HPLM	6,629	.2610	1,460	.0575	C
KTFST06800HPLM	6,800	.2677	1,490	.0587	C
KTFST07000HPLM	7,000	.2756	1,530	.0602	D
KTFST07500HPLM	7,500	.2953	1,630	.0642	E
KTFST07800HPLM	7,800	.3071	1,680	.0661	E
KTFST07938HPLM	7,938	.3125	1,710	.0673	E
KTFST08000HPLM	8,000	.3150	1,720	.0677	F
KTFST08100HPLM *	8,100	.3189	1,740	.0685	F
KTFST08204HPLM *	8,204	.3230	1,760	.0693	F
KTFST08334HPLM *	8,334	.3281	1,790	.0705	F
KTFST08400HPLM *	8,400	.3307	1,800	.0709	F
KTFST08500HPLM	8,500	.3346	1,820	.0717	G
KTFST08600HPLM *	8,600	.3386	1,840	.0724	G
KTFST08700HPLM *	8,700	.3425	1,860	.0732	G
KTFST08800HPLM *	8,800	.3465	1,880	.0740	G
KTFST08900HPLM	8,900	.3504	1,900	.0748	G
KTFST09000HPLM	9,000	.3543	1,930	.0760	H
KTFST09100HPLM *	9,100	.3583	1,950	.0768	H
KTFST09200HPLM	9,200	.3622	1,970	.0776	H
KTFST09400HPLM *	9,400	.3701	2,000	.0787	H
KTFST09500HPLM	9,500	.3740	2,030	.0799	I
KTFST09558HPLM *	9,558	.3763	2,040	.0803	I
KTFST09600HPLM	9,600	.3780	2,050	.0807	I
KTFST09700HPLM *	9,700	.3819	2,070	.0815	I
KTFST09800HPLM	9,800	.3858	2,090	.0823	I
KTFST09900HPLM	9,900	.3898	2,110	.0831	I
KTFST10000HPLM	10,000	.3937	2,130	.0839	J
KTFST10100HPLM	10,100	.3976	2,150	.0846	J
KTFST10200HPLM	10,200	.4016	2,170	.0854	J
KTFST10300HPLM	10,300	.4055	2,190	.0862	J
KTFST10320HPLM	10,320	.4063	2,190	.0862	J
KTFST10400HPLM *	10,400	.4094	2,210	.0870	J
KTFST10500HPLM	10,500	.4134	2,230	.0878	K

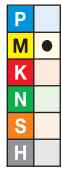


- 首选
- 备选

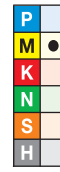
KCMS15	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST10600HPLM *	10,600	.4173	2,250	.0886	K
KTFST10700HPLM	10,700	.4213	2,270	.0894	K
KTFST10800HPLM *	10,800	.4252	2,290	.0902	K
KTFST10900HPLM *	10,900	.4291	2,310	.0909	K
KTFST11000HPLM	11,000	.4331	2,340	.0921	L
KTFST11100HPLM	11,100	.4370	2,350	.0925	L
KTFST11113HPLM	11,112	.4375	2,360	.0929	L
KTFST11200HPLM *	11,200	.4409	2,370	.0933	L
KTFST11400HPLM *	11,400	.4488	2,410	.0949	L
KTFST11500HPLM	11,500	.4528	2,440	.0961	M
KTFST11600HPLM *	11,600	.4567	2,460	.0969	M
KTFST11800HPLM *	11,800	.4646	2,490	.0980	M
KTFST11908HPLM	11,908	.4688	2,520	.0992	M
KTFST12000HPLM	12,000	.4724	2,540	.1000	N
KTFST12200HPLM *	12,200	.4803	2,580	.1016	N
KTFST12304HPLM	12,304	.4844	2,600	.1024	N
KTFST12500HPLM	12,500	.4921	2,640	.1039	O
KTFST12700HPLM	12,700	.5000	2,680	.1055	O
KTFST12800HPLM *	12,800	.5039	2,700	.1063	O
KTFST12900HPLM *	12,900	.5079	2,720	.1071	O
KTFST13000HPLM	13,000	.5118	2,740	.1079	P
KTFST13096HPLM	13,096	.5156	2,760	.1087	P
KTFST13200HPLM *	13,200	.5197	2,780	.1094	P
KTFST13492HPLM *	13,492	.5312	2,840	.1118	P
KTFST13500HPLM	13,500	.5315	2,840	.1118	Q
KTFST13800HPLM *	13,800	.5433	2,900	.1142	Q
KTFST13891HPLM *	13,891	.5469	2,920	.1150	Q
KTFST13896HPLM *	13,896	.5471	2,920	.1150	Q
KTFST14000HPLM	14,000	.5512	2,950	.1161	R
KTFST14100HPLM *	14,100	.5551	2,960	.1165	R
KTFST14200HPLM *	14,200	.5591	2,980	.1173	R
KTFST14288HPLM	14,288	.5625	3,000	.1181	R
KTFST14300HPLM	14,300	.5630	3,000	.1181	R
KTFST14400HPLM *	14,400	.5669	3,020	.1189	R
KTFST14500HPLM	14,500	.5709	3,050	.1201	S
KTFST14684HPLM *	14,684	.5781	3,080	.1213	S

(续)

(KenTIP FS 刀片 • HPL KCMS15 • 带内冷通道 — 续)



KCMS15	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST14800HPLM *	14,800	.5827	3,100	.1220	S
KTFST15000HPLM	15,000	.5906	3,150	.1240	T
KTFST15100HPLM *	15,100	.5945	3,170	.1248	T
KTFST15200HPLM *	15,200	.5984	3,190	.1256	T
KTFST15500HPLM	15,500	.6102	3,240	.1276	T
KTFST15875HPLM	15,875	.6250	3,310	.1303	T
KTFST16000HPLM	16,000	.6299	3,350	.1319	U
KTFST16100HPLM *	16,100	.6339	3,370	.1327	U
KTFST16104HPLM	16,104	.6340	3,370	.1327	U
KTFST16150HPLM	16,150	.6358	3,380	.1331	U
KTFST16271HPLM	16,271	.6406	3,400	.1339	U
KTFST16500HPLM	16,500	.6496	3,450	.1358	U
KTFST16670HPLM	16,670	.6563	3,480	.1370	U
KTFST17000HPLM	17,000	.6693	3,550	.1398	V
KTFST17463HPLM *	17,462	.6875	3,640	.1433	V
KTFST17480HPLM	17,480	.6882	3,640	.1433	V
KTFST17500HPLM	17,500	.6890	3,650	.1437	V
KTFST17700HPLM *	17,700	.6969	3,690	.1453	V
KTFST18000HPLM	18,000	.7087	3,760	.1480	W
KTFST18258HPLM *	18,258	.7188	3,800	.1496	W
KTFST18500HPLM	18,500	.7283	3,850	.1516	W
KTFST18654HPLM *	18,654	.7344	3,880	.1528	W
KTFST19000HPLM	19,000	.7480	3,960	.1559	X
KTFST19050HPLM	19,050	.7500	3,970	.1563	X
KTFST19200HPLM *	19,200	.7559	3,990	.1571	X
KTFST19228HPLM *	19,228	.7570	4,000	.1575	X
KTFST19253HPLM	19,253	.7580	4,000	.1575	X
KTFST19279HPLM	19,279	.7590	4,010	.1579	X



● 首选
○ 备选

KCMS15	D1		L5		刀座尺寸
	mm	in	mm	in	
KTFST19355HPLM *	19,355	.7620	4,020	.1583	X
KTFST19446HPLM	19,446	.7656	4,040	.1591	X
KTFST19460HPLM *	19,460	.7661	4,040	.1591	X
KTFST19500HPLM	19,500	.7677	4,050	.1594	X
KTFST19845HPLM	19,845	.7813	4,120	.1622	X
KTFST19850HPLM *	19,850	.7815	4,120	.1622	X
KTFST20000HPLM	20,000	.7874	4,160	.1638	Y
KTFST20500HPLM	20,500	.8071	4,250	.1673	Y
KTFST20638HPLM	20,638	.8125	4,280	.1685	Y
KTFST21000HPLM	21,000	.8268	4,360	.1717	Z
KTFST21150HPLM *	21,150	.8327	4,390	.1728	Z
KTFST21500HPLM	21,500	.8465	4,450	.1752	Z
KTFST22000HPLM	22,000	.8661	4,560	.1795	ZA
KTFST22225HPLM	22,225	.8750	4,600	.1811	ZA
KTFST22500HPLM	22,500	.8858	4,660	.1835	ZA
KTFST23000HPLM	23,000	.9055	4,760	.1874	ZB
KTFST23500HPLM	23,500	.9252	4,860	.1913	ZB
KTFST23813HPLM	23,812	.9375	4,920	.1937	ZB
KTFST24000HPLM	24,000	.9449	4,960	.1953	ZC
KTFST24500HPLM	24,500	.9646	5,060	.1992	ZC
KTFST25000HPLM	25,000	.9843	5,170	.2035	ZD
KTFST25400HPLM	25,400	1.0000	5,240	.2063	ZD
KTFST25500HPLM	25,500	1.0039	5,260	.2071	ZD
KTFST25600HPLM	25,600	1.0079	5,280	.2079	ZD
KTFST25650HPLM	25,650	1.0098	5,290	.2083	ZD
KTFST25679HPLM	25,679	1.0110	5,290	.2083	ZD
KTFST25806HPLM	25,806	1.0160	5,320	.2094	ZD
KTFST26000HPLM	26,000	1.0236	5,370	.2114	ZD

注: *按订单生产标准型产品。适用于标准定价、交期按实际生产周期而定, 以及最低订购量的规定。
D1 ≥ 20mm 的产品将于 2018 年 1 月 1 日后供应市场。

KenTIP FS HPL 槽型

公差

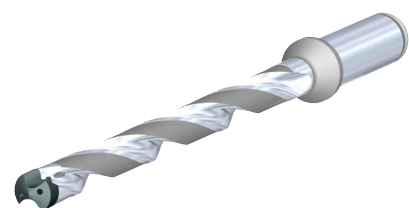
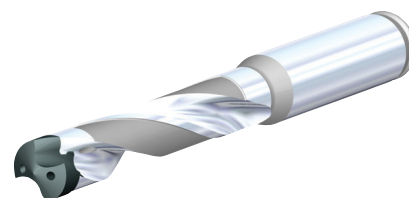
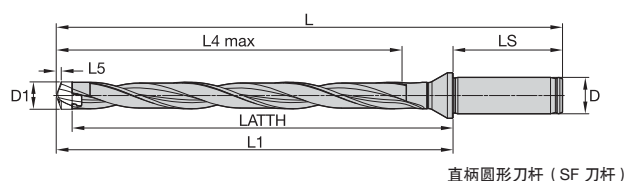
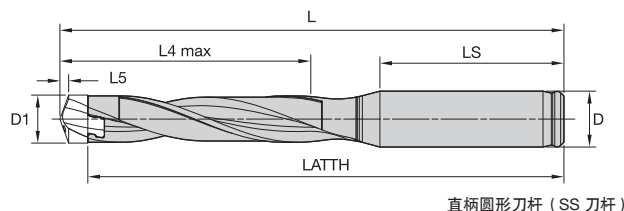
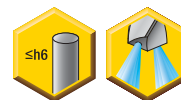
D1 公制	公差 k8
6	0,000/+0,018
>6-10	0,000/+0,022
>10-18	0,000/+0,027
>18-26	0,000/+0,033

应用参数

■ 模块化钻硬质合金刀板 • KenTIP™ FS • HPL 槽型 • KCMS15™ 材质 • 内冷 • 公制

材料 分组		切削速度 — vc			公制						
		范围 — m/min			推荐每转进给						
		最小值	初始值	最大值		8,0	10,0	12,0	14,0	16,0	20,0
M	1	50	60	90	毫米/转	0,08–0,15	0,09–0,18	0,11–0,20	0,12–0,22	0,13–0,24	0,16–0,28
	2	30	60	90	毫米/转	0,08–0,15	0,09–0,18	0,11–0,20	0,12–0,22	0,13–0,24	0,16–0,28
	3	20	50	60	毫米/转	0,08–0,15	0,09–0,18	0,11–0,20	0,12–0,22	0,13–0,24	0,16–0,28

- KenTIP FS 刀柄采用直型圆柱柄公制刀杆。
- 12 x D 刀柄采用带凸缘的刀杆设计，可以提高刚性。
- 多通道冷却系统采用先进的冷却通道布局设计，每个刀柄有四个冷却剂出口。
- 与刀体一同提供配套刀片扳手。

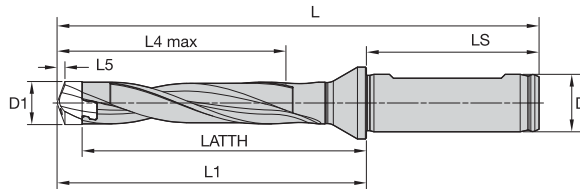


■ KenTIP FS 圆杆 • 1.5 x D/3 x D/5 x D/8 x D/12 x D • 公制

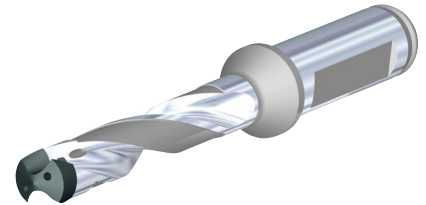


					D1		D1 max		刀座尺寸	Kentip 扳手
1.5 x D SS	3 x D SS	5 x D SS	8 x D SS	12 x D SF	mm	in	mm	in		
KTFS060R01SS8M	KTFS060R03SS8M	KTFS060R05SS8M	KTFS060R08SS8M	KTFS060R12SF12M	6,000	.2363	6,299	.2480	A	170.319
KTFS063R01SS8M	KTFS063R03SS8M	KTFS063R05SS8M	KTFS063R08SS8M	KTFS063R12SF12M	6,300	.2481	6,599	.2598	B	170.319
KTFS066R01SS8M	KTFS066R03SS8M	KTFS066R05SS8M	KTFS066R08SS8M	KTFS066R12SF12M	6,600	.2599	6,999	.2755	C	170.319
KTFS070R01SS8M	KTFS070R03SS8M	KTFS070R05SS8M	KTFS070R08SS8M	KTFS070R12SF12M	7,000	.2756	7,499	.2952	D	170.319
KTFS075R01SS8M	KTFS075R03SS8M	KTFS075R05SS8M	KTFS075R08SS8M	KTFS075R12SF12M	7,500	.2953	7,999	.3149	E	170.319
KTFS080R01SS10M	KTFS080R03SS10M	KTFS080R05SS10M	KTFS080R08SS10M	KTFS080R12SF12M	8,000	.3150	8,499	.3346	F	170.306
KTFS085R01SS10M	KTFS085R03SS10M	KTFS085R05SS10M	KTFS085R08SS10M	KTFS085R12SF12M	8,500	.3346	8,999	.3543	G	170.306
KTFS090R01SS10M	KTFS090R03SS10M	KTFS090R05SS10M	KTFS090R08SS10M	KTFS090R12SF12M	9,000	.3544	9,499	.3739	H	170.306
KTFS095R01SS10M	KTFS095R03SS10M	KTFS095R05SS10M	KTFS095R08SS10M	KTFS095R12SF12M	9,500	.3740	9,999	.3936	I	170.306
KTFS100R01SS12M	KTFS100R03SS12M	KTFS100R05SS12M	KTFS100R08SS12M	KTFS100R12SF16M	10,000	.3937	10,499	.4133	J	170.307
KTFS105R01SS12M	KTFS105R03SS12M	KTFS105R05SS12M	KTFS105R08SS12M	KTFS105R12SF16M	10,500	.4134	10,999	.4330	K	170.307
KTFS110R01SS12M	KTFS110R03SS12M	KTFS110R05SS12M	KTFS110R08SS12M	KTFS110R12SF16M	11,000	.4331	11,499	.4527	L	170.307
KTFS115R01SS12M	KTFS115R03SS12M	KTFS115R05SS12M	KTFS115R08SS12M	KTFS115R12SF16M	11,500	.4528	11,999	.4724	M	170.307
KTFS120R01SS14M	KTFS120R03SS14M	KTFS120R05SS14M	KTFS120R08SS14M	KTFS120R12SF16M	12,000	.4725	12,499	.4921	N	170.308
KTFS125R01SS14M	KTFS125R03SS14M	KTFS125R05SS14M	KTFS125R08SS14M	KTFS125R12SF16M	12,500	.4922	12,999	.5117	O	170.308
KTFS130R01SS14M	KTFS130R03SS14M	KTFS130R05SS14M	KTFS130R08SS14M	KTFS130R12SF16M	13,000	.5118	13,499	.5314	P	170.308
KTFS135R01SS14M	KTFS135R03SS14M	KTFS135R05SS14M	KTFS135R08SS14M	KTFS135R12SF16M	13,500	.5315	13,999	.5511	Q	170.308
KTFS140R01SS16M	KTFS140R03SS16M	KTFS140R05SS16M	KTFS140R08SS16M	KTFS140R12SF16M	14,000	.5512	14,499	.5708	R	170.309
KTFS145R01SS16M	KTFS145R03SS16M	KTFS145R05SS16M	KTFS145R08SS16M	KTFS145R12SF16M	14,500	.5709	14,999	.5905	S	170.309
KTFS150R01SS16M	KTFS150R03SS16M	KTFS150R05SS16M	KTFS150R08SS16M	KTFS150R12SF20M	15,000	.5906	15,999	.6299	T	170.309
KTFS160R01SS16M	KTFS160R03SS16M	KTFS160R05SS16M	KTFS160R08SS16M	KTFS160R12SF20M	16,000	.6300	16,999	.6692	U	170.309
KTFS170R01SS20M	KTFS170R03SS20M	KTFS170R05SS20M	KTFS170R08SS20M	KTFS170R12SF20M	17,000	.6693	17,999	.7086	V	170.314
KTFS180R01SS20M	KTFS180R03SS20M	KTFS180R05SS20M	KTFS180R08SS20M	KTFS180R12SF25M	18,000	.7087	18,999	.7479	W	170.314
KTFS190R01SS20M	KTFS190R03SS20M	KTFS190R05SS20M	KTFS190R08SS20M	KTFS190R12SF25M	19,000	.7480	19,999	.7873	X	170.314

- KenTIP FS 刀柄采用凸缘型刀杆和 90°平面公制刀杆。
- 多通道冷却系统采用先进的冷却通道布局设计，每个刀柄有四个冷却剂出口。
- 与刀体一同提供配套刀片扳手。



带平面的凸缘型刀杆 (SCF 刀杆)



模块化钻

■ KenTIP FS 带平面的凸缘型刀杆 • 1.5 x D/3 x D/5 x D/8 x D/12 x D • 公制

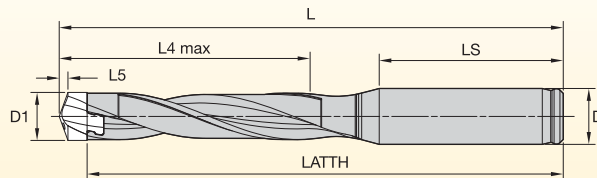


					D1		D1 max		刀座 尺寸	Kentip 扳手
					mm	in	mm	in		
1.5 x D SCF	3 x D SCF	5 x D SCF	8 x D SCF	12 x D SCF						
-	KTFS080R03SCF12M	KTFS080R05SCF12M	KTFS080R08SCF12M	-	8,000	.3150	8,499	.3346	F	170.306
-	KTFS085R03SCF12M	KTFS085R05SCF12M	KTFS085R08SCF12M	-	8,500	.3346	8,999	.3543	G	170.306
-	KTFS090R03SCF12M	KTFS090R05SCF12M	KTFS090R08SCF12M	-	9,000	.3544	9,499	.3739	H	170.306
-	KTFS095R03SCF12M	KTFS095R05SCF12M	KTFS095R08SCF12M	-	9,500	.3740	9,999	.3936	I	170.306
-	KTFS100R03SCF16M	KTFS100R05SCF16M	KTFS100R08SCF16M	-	10,000	.3937	10,499	.4133	J	170.307
-	KTFS105R03SCF16M	KTFS105R05SCF16M	KTFS105R08SCF16M	-	10,500	.4134	10,999	.4330	K	170.307
-	KTFS110R03SCF16M	KTFS110R05SCF16M	KTFS110R08SCF16M	-	11,000	.4331	11,499	.4527	L	170.307
-	KTFS115R03SCF16M	KTFS115R05SCF16M	KTFS115R08SCF16M	-	11,500	.4528	11,999	.4724	M	170.307
-	KTFS120R03SCF16M	KTFS120R05SCF16M	KTFS120R08SCF16M	-	12,000	.4725	12,499	.4921	N	170.308
-	KTFS125R03SCF16M	KTFS125R05SCF16M	KTFS125R08SCF16M	-	12,500	.4922	12,999	.5117	O	170.308
-	KTFS130R03SCF16M	KTFS130R05SCF16M	KTFS130R08SCF16M	-	13,000	.5118	13,499	.5314	P	170.308
-	KTFS135R03SCF16M	KTFS135R05SCF16M	KTFS135R08SCF16M	-	13,500	.5315	13,999	.5511	Q	170.308
-	KTFS140R03SCF16M	KTFS140R05SCF16M	KTFS140R08SCF16M	-	14,000	.5512	14,499	.5708	R	170.309
-	KTFS145R03SCF16M	KTFS145R05SCF16M	KTFS145R08SCF16M	-	14,500	.5709	14,999	.5905	S	170.309
-	KTFS150R03SCF20M	KTFS150R05SCF20M	KTFS150R08SCF20M	-	15,000	.5906	15,999	.6299	T	170.309
-	KTFS160R03SCF20M	KTFS160R05SCF20M	KTFS160R08SCF20M	-	16,000	.6300	16,999	.6692	U	170.309
-	KTFS170R03SCF20M	KTFS170R05SCF20M	KTFS170R08SCF20M	-	17,000	.6693	17,999	.7086	V	170.314
-	KTFS180R03SCF25M	KTFS180R05SCF25M	KTFS180R08SCF25M	-	18,000	.7087	18,999	.7479	W	170.314
-	KTFS190R03SCF25M	KTFS190R05SCF25M	KTFS190R08SCF25M	-	19,000	.7480	19,999	.7873	X	170.314
KTFS200R01SCF25M	KTFS200R03SCF25M	KTFS200R05SCF25M	KTFS200R08SCF25M	KTFS200R12SCF25M	20,000	.7874	20,999	.8267	Y	170.314
KTFS210R01SCF25M	KTFS210R03SCF25M	KTFS210R05SCF25M	KTFS210R08SCF25M	KTFS210R12SCF25M	21,000	.8268	21,999	.8661	Z	170.314
KTFS220R01SCF25M	KTFS220R03SCF25M	KTFS220R05SCF25M	KTFS220R08SCF25M	KTFS220R12SCF25M	22,000	.8662	22,999	.9054	ZA	170.314
KTFS230R01SCF25M	KTFS230R03SCF25M	KTFS230R05SCF25M	KTFS230R08SCF25M	KTFS230R12SCF25M	23,000	.9055	23,999	.9448	ZB	170.314
KTFS240R01SCF25M	KTFS240R03SCF25M	KTFS240R05SCF25M	KTFS240R08SCF25M	KTFS240R12SCF25M	24,000	.9449	24,999	.9842	ZC	170.314
KTFS250R01SCF25M	KTFS250R03SCF25M	KTFS250R05SCF25M	KTFS250R08SCF25M	KTFS250R12SCF25M	25,000	.9843	25,999	1.0236	ZD	170.314

注: D1 ≥ 20mm 的产品将于 2018 年 1 月 1 日后供应市场。

模块化钻 • 尺寸表

■ 直柄圆形刀杆 • 公制



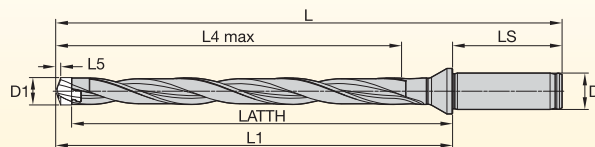
D1 min	D1 max	为安装 座	LS	圆形 d	1.5 x D SS			3 x D SS			5 x D SS			8 x D SS		
					LATTH	L	L4 max	LATTH	L	L4 max	LATTH	L	L4 max	LATTH	L	L4 max
6,000	6,299	A	37	8	53,5	57	9	63,5	67	19	76,5	80	32	94,5	98	50
6,300	6,599	B	37	8	54,3	58	10	64,3	68	20	77,3	81	33	97,3	101	53
6,600	6,999	C	37	8	55,2	59	10	66,2	70	21	80,2	84	35	101,2	105	56
7,000	7,499	D	37	8	55,9	60	11	66,9	71	22	82,9	87	38	104,9	109	60
7,500	7,999	E	37	8	56,7	61	12	68,7	73	24	84,7	89	40	108,7	113	64
8,000	8,499	F	41	10	63,4	68	13	76,4	81	26	92,4	97	42	118,4	123	68
8,500	8,999	G	41	10	64,1	69	14	77,1	82	27	95,1	100	45	122,1	127	72
9,000	9,499	H	41	10	63,8	69	14	77,8	83	28	97,8	103	48	125,8	131	76
9,500	9,999	I	41	10	64,5	70	15	79,5	85	30	99,5	105	50	129,5	135	80
10,000	10,499	J	46	12	72,2	78	16	88,2	94	32	108,2	114	52	140,2	146	84
10,500	10,999	K	46	12	71,9	78	16	88,9	95	33	110,9	117	55	143,9	150	88
11,000	11,499	L	46	12	72,6	79	17	89,6	96	34	113,6	120	58	147,6	154	92
11,500	11,999	M	46	12	73,3	80	18	91,3	98	36	115,3	122	60	151,3	158	96
12,000	12,499	N	46	14	76,0	83	19	95,0	102	38	119,0	126	62	157,0	164	100
12,500	12,999	O	46	14	76,8	84	20	95,8	103	39	121,8	129	65	160,8	168	104
13,000	13,499	P	46	14	76,5	84	20	96,5	104	40	124,5	132	68	164,5	172	108
13,500	13,999	Q	46	14	77,2	85	21	98,2	106	42	126,2	134	70	168,2	176	112
14,000	14,499	R	49	16	81,9	90	22	103,9	112	44	131,9	140	72	175,9	184	116
14,500	14,999	S	49	16	81,6	90	22	104,6	113	45	134,6	143	75	179,6	188	120
15,000	15,999	T	49	16	83,3	92	24	107,3	116	48	139,3	148	80	187,3	196	128
16,000	16,999	U	49	16	84,7	94	26	109,7	119	51	143,7	153	85	194,7	204	136
17,000	17,999	V	51	20	90,1	100	27	117,1	127	54	153,1	163	90	207,1	217	144
18,000	18,999	W	51	20	90,6	101	28	119,6	130	57	157,6	168	95	214,6	225	152
19,000	19,999	X	51	20	92,0	103	30	122,0	133	60	162,0	173	100	222,0	233	160

注: 刀柄尺寸:
L: 钻头总长
L4: 最大钻深
L5: 凸出长度 (刀片尺寸参看相关刀片页面信息)
LATTH: 刀座参考长度
LS: 刀杆长度

(续)

模块化钻 • 尺寸表 (续)

■ 凸缘圆形刀杆 • 公制



			12 x D SF					
D1 min	D1 max	为安装座	LS	圆形D	LATTH	L	L1	L4 max
6,000	6,299	A	45	12	92,5	141	96	76
6,300	6,599	B	45	12	95,3	144	99	79
6,600	6,999	C	45	12	101,2	150	105	84
7,000	7,499	D	45	12	106,9	156	111	90
7,500	7,999	E	45	12	112,7	162	117	96
8,000	8,499	F	45	12	118,4	168	123	102
8,500	8,999	G	45	12	124,1	174	129	108
9,000	9,499	H	45	12	129,8	180	135	114
9,500	9,999	I	45	12	135,5	186	141	120
10,000	10,499	J	48	16	144,2	198	150	126
10,500	10,999	K	48	16	149,9	204	156	132
11,000	11,499	L	48	16	155,6	210	162	138
11,500	11,999	M	48	16	161,3	216	168	144
12,000	12,499	N	48	16	167,0	222	174	150
12,500	12,999	O	48	16	172,8	228	180	156
13,000	13,499	P	48	16	178,5	234	186	162
13,500	13,999	Q	48	16	184,2	240	192	168
14,000	14,499	R	48	16	189,9	246	198	174
14,500	14,999	S	48	16	195,6	252	204	180
15,000	15,999	T	50	20	210,3	269	219	192
16,000	16,999	U	50	20	221,7	281	231	204
17,000	17,999	V	50	20	233,1	293	243	216
18,000	18,999	W	56	25	247,6	314	258	228
19,000	19,999	X	56	25	259,0	326	270	240

注: 刀柄尺寸:

L: 钻头总长

L1: 钻头长度包括凸缘

L4: 最大钻深

L5: 凸出长度 (刀片尺寸参看相关刀片页面信息)

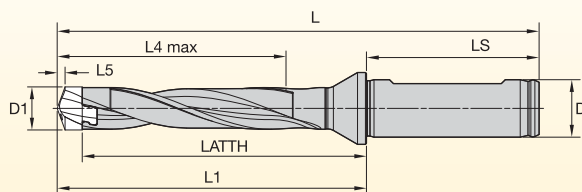
LATTH: 刀座参考长度

LS: 刀杆长度

(续)

模块化钻 • 尺寸表 (续)

■ 带平面的凸缘刀杆 • 公制



D1 min	D1 max	为安 装座	LS	圆形 D	1.5 x D SCF				3 x D SCF				5 x D SCF				8 x D SCF				12 x D SCF			
					LATTH	L	L1	L4 max	LATTH	L	L1	L4 max	LATTH	L	L1	L4 max	LATTH	L	L1	L4 max	LATTH	L	L1	L4 max
8,000	8,499	F	45	12	—	—	—	—	42,4	92	2	26	58,4	108	2	42	84,4	134	4	68	—	—	—	—
8,500	8,999	G	45	12	—	—	—	—	43,1	93	2	27	61,1	111	3	45	88,1	138	4	72	—	—	—	—
9,000	9,499	H	45	12	—	—	—	—	43,8	94	2	28	63,8	114	3	48	91,8	142	4	76	—	—	—	—
9,500	9,999	I	45	12	—	—	—	—	45,5	96	2	30	65,5	116	3	50	95,5	146	4	80	—	—	—	—
10,000	10,499	J	48	16	—	—	—	—	50,2	104	2	32	70,2	124	3	52	102,2	156	4	84	—	—	—	—
10,500	10,999	K	48	16	—	—	—	—	50,9	105	2	33	72,9	127	3	55	105,9	160	4	88	—	—	—	—
11,000	11,499	L	48	16	—	—	—	—	51,6	106	2	34	75,6	130	3	58	109,6	164	5	92	—	—	—	—
11,500	11,999	M	48	16	—	—	—	—	53,3	108	2	36	77,3	132	3	60	113,3	168	5	96	—	—	—	—
12,000	12,499	N	48	16	—	—	—	—	55,0	110	2	38	79,0	134	3	62	117,0	172	5	100	—	—	—	—
12,500	12,999	O	48	16	—	—	—	—	55,8	111	2	39	81,8	137	4	65	120,8	176	5	104	—	—	—	—
13,000	13,499	P	48	16	—	—	—	—	56,5	112	3	40	84,5	140	4	68	124,5	180	5	108	—	—	—	—
13,500	13,999	Q	48	16	—	—	—	—	58,2	114	3	42	86,2	142	4	70	128,2	184	5	112	—	—	—	—
14,000	14,499	R	48	16	—	—	—	—	59,9	116	3	44	87,9	144	4	72	131,9	188	6	116	—	—	—	—
14,500	14,999	S	48	16	—	—	—	—	60,6	117	3	45	90,6	147	4	75	135,6	192	6	120	—	—	—	—
15,000	15,999	T	50	20	—	—	—	—	66,3	125	3	48	98,3	157	4	80	146,3	205	6	128	—	—	—	—
16,000	16,999	U	50	20	—	—	—	—	68,7	128	3	51	102,7	162	4	85	153,7	213	6	136	—	—	—	—
17,000	17,999	V	50	20	—	—	—	—	71,1	131	3	54	107,1	167	5	90	161,1	221	7	144	—	—	—	—
18,000	18,999	W	56	25	—	—	—	—	76,6	143	3	57	114,6	181	5	95	171,6	238	7	152	—	—	—	—
19,000	19,999	X	56	25	—	—	—	—	79,0	146	4	60	119,0	186	5	100	179,0	246	7	160	—	—	—	—
20,000	20,999	Y	56	25	50,4	118	2	32	81,4	149	4	63	123,4	191	5	105	186,4	254	8	168	270,4	338	11	252
21,000	21,999	Z	56	25	50,8	119	2	33	83,8	152	4	66	127,8	196	6	110	193,8	262	8	176	281,8	350	12	264
22,000	22,999	ZA	56	25	51,2	120	3	34	86,2	155	4	69	132,2	201	6	115	201,2	270	8	184	293,2	362	12	276
23,000	23,999	ZB	56	25	52,7	122	3	36	88,7	158	4	72	136,7	206	6	120	208,7	278	9	192	304,7	374	13	288
24,000	24,999	ZC	56	25	54,1	124	3	38	91,1	161	4	75	141,1	211	6	125	216,1	286	9	200	316,1	386	13	300
25,000	25,999	ZD	56	25	54,5	125	3	39	93,5	164	4	78	145,5	216	6	130	223,5	294	9	208	327,5	398	13	312

注: 刀柄尺寸:

L: 钻头总长

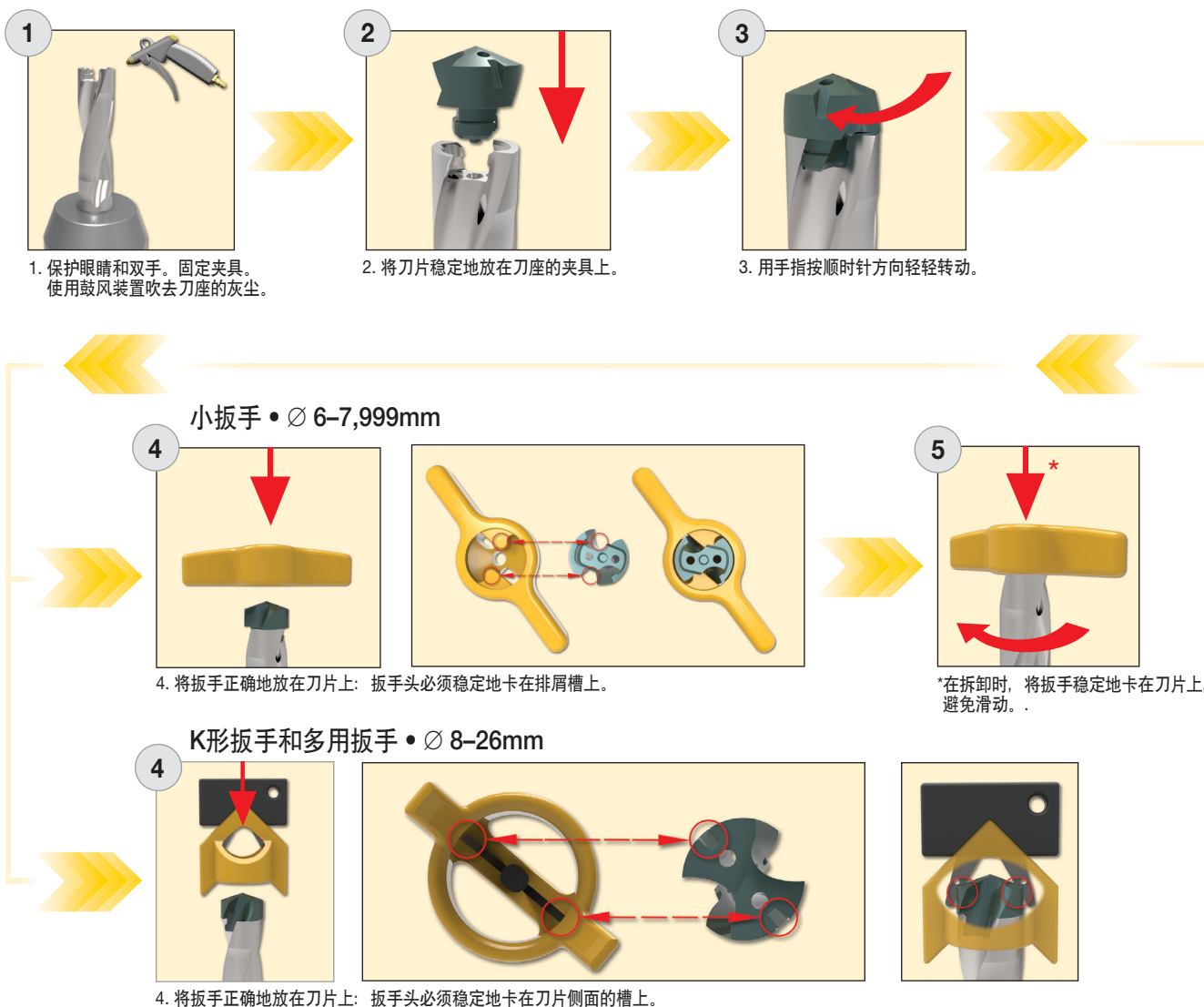
L1: 钻头长度包括凸缘

L4: 最大钻深

L5: 凸出长度 (刀片尺寸参看相关刀片页面信息)

LATTH: 刀座参考长度

LS: 刀杆长度

 安装


多用途扳手可选

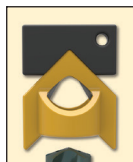
小扳手

扳手头必须稳定地卡在排屑槽上。

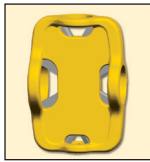


K形扳手

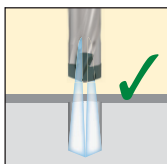
扳手头必须卡在刀片槽上。



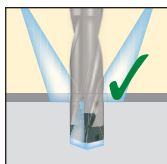
多用扳手



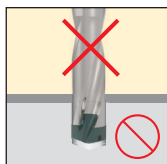
冷却方式



建议在所有应用中采用内冷方式。



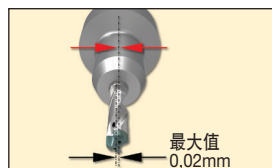
仅在钻孔深度 $\leq 3 \times D$ 情况下使用外冷方式。



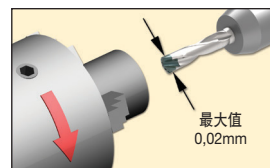
不建议干式加工方法。在限定情况下可以采用微量润滑方式。

钻芯偏差量

加工中心



固定式钻头/车床

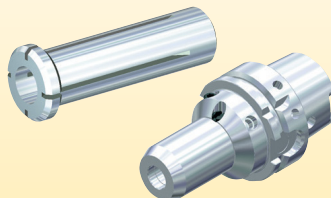


旋转应用

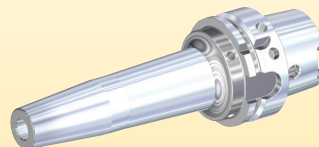
KenTIP FS 刀柄采用直柄圆柱形 SS 和 SF 刀杆（无平面），特别适合旋转应用；在旋转应用中，钻头转动而工件保持静止。联接钻头上钻尖部位的钻杆应以紧公差方式进行夹持。为了保持精度并实现最佳性能，请使用以下显示的正确刀具夹持方法。



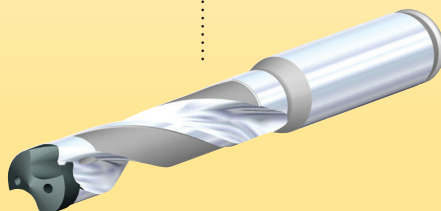
ERICKSON™ ER 弹簧夹头



ERICKSON 液压刀柄 HP 系列

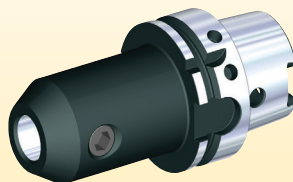


ERICKSON 通用型热缩刀柄

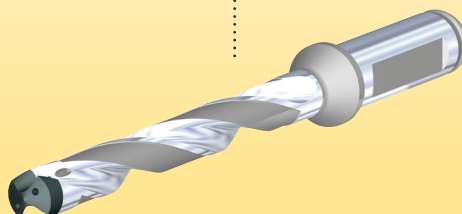


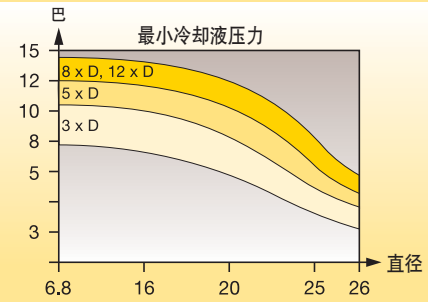
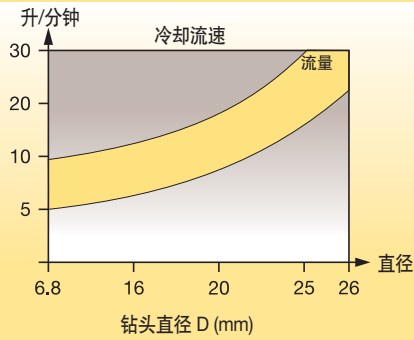
旋转及静止应用

KenTIP FS 刀柄采用 SCF 刀杆（带 90°平面和凸缘的圆柱形刀杆），可降低挠曲度，是一款刚性良好的刀柄产品。刀杆可与圆柱柄接头配合使用，因此这款刀柄产品有极好的灵活性。SCF 刀杆可用于各种旋转应用，并适合刀具为静止状态的车床加工和其他应用。

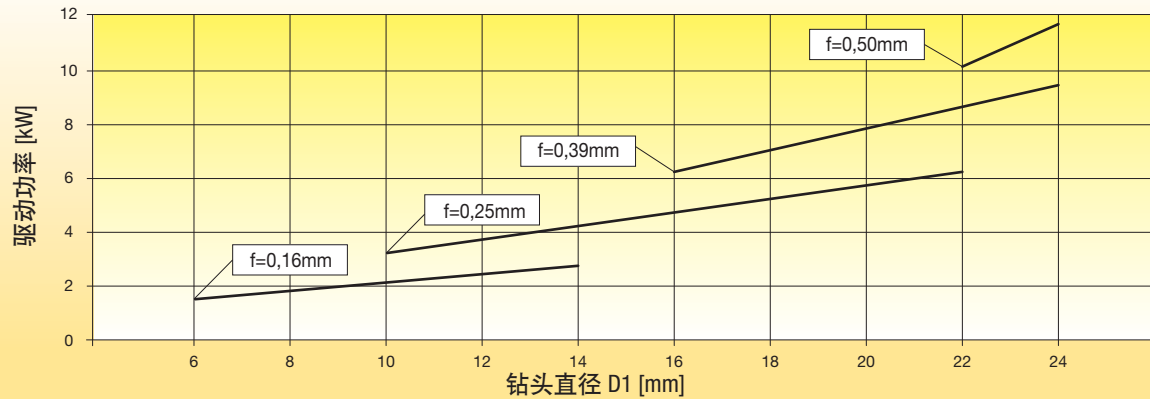


EM 接头

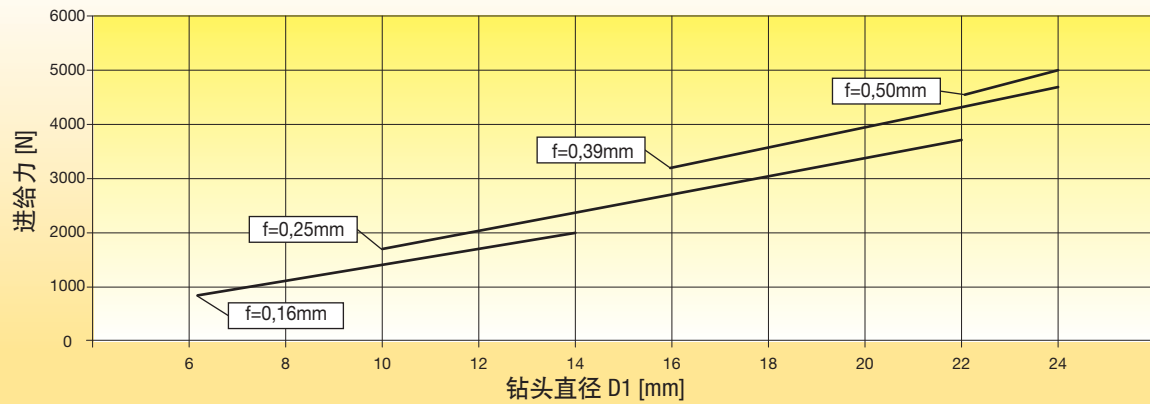




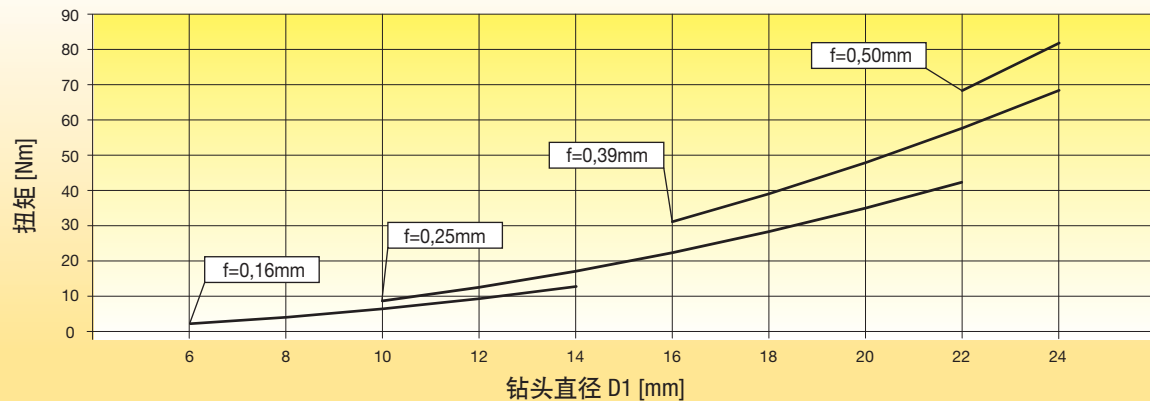
驱动功率 (kW)



进给力 (N)



扭矩 (Nm)



注: 以上图表作为确定驱动功率、进给力、以及扭矩参数使用。它们是根据回火钢材料在加工过程中的切削力测量而得出的:
Rm=750 N/mm²。采用的基础切削速度为: vc = 80 m/min。