FCTOOLS
HIGH EFFECTIVE CUTTING TOOLS

无锡方寸工具有限公司
Wuxi Fctools Co.,Ltd

孔加工系列



方寸工具 ● 高效切削刀具合作伙伴

公司简介

无锡方寸工具有限公司创立于 2005 年，致力于提供创新；高效；经济的切削刃具解决方案。

经过多年不断的积累与创新，公司产品线已全面涵盖铣刀系列，镗刀系列，钻头系列，车刀系列，刀柄系统，及各类定制刃具系列。

公司拥有经验丰富且不断创新的设计团队，依据客户产品及加工设备特性，量身定制的切削刃具解决方案获得了广泛的客户信赖，构建和客户的 “伙伴化合作关系” 是我们努力实现的核心 。

秉承工匠精神，公司精心制作着每一件产品，高度柔性化的生产线，全面的品控流程，是基础的保障，每位方寸员工对产品一丝不苟的执着是我们的坚守。

“不忘初心，方得始终” 我们将帮助客户解决切削刃具方案作为服务的核心，始终执着的精心制作每一件产品。

方寸工具 - 高效切削刀具合作伙伴

方寸工具将帮助提高客户加工效率,降低生产成本放在首位!

为实现这个目标我们通过:

→运用国际先进的可转位刀片式刀具设计理念，结合国内客户需求而开发出的刀具解决方案

→引进国际领先的双回转5轴5联动加工中心，确保产品精确再现精密的刀具设计

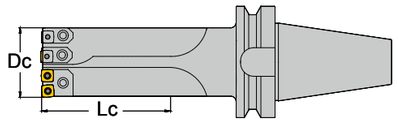
→贯穿全过程的品质控制和实施100％的最终检测，保证客户得到的每一件产品都是最高品质的

车间一角

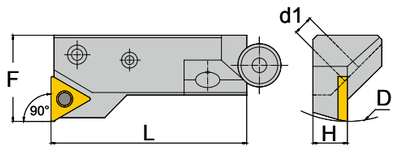


FCTOOLS HIGH EFFECTIVE CUTTING TOOLS

产品目录

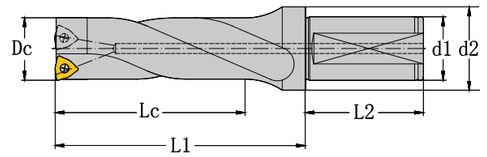
浅孔钻-3xDc-WC	浅孔钻-2\3xDc-P28
	
P01	P02-P03
浅孔钻 复合45° 倒角	整硬钻-3xDc 复合45° 倒角
	
P04-P05	P06
D2X\D3X刀座式大孔径浅孔钻	模块式双刃粗镗
	
P7	P08-09
小孔径精镗刀	模块式精镗刀
	
P10	P11
模块主柄	模块变径\等径杆
	
P12-P13	P13-P14

产品目录

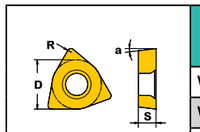
大孔径粗镗刀	大孔径精镗刀
	
P15-P17	P18-P20
螺钉沉孔粗镗刀	孔加工刀座
	
P21	P22
刀具推荐切削参数 P23	

浅孔钻-3xDc-WC





型号	Dc mm	d1 mm	d2 mm	Lc mm	L1 mm	L2 mm	有效刃数	刀片型号	刀片锁紧螺钉	扳手
D3X.WC04.25.020.Z01	20	25	35	60	85	56	1	WC..040208	FCS923	TORX08
D3X.WC04.25.021.Z01	21	25	35	63	88	56	1			
D3X.WC04.25.022.Z01	22	25	35	66	91	56	1			
D3X.WC04.25.023.Z01	23	25	35	69	94	56	1			
D3X.WC04.25.024.Z01	24	25	35	72	97	56	1			
D3X.WC05.25.025.Z01	25	25	35	75	100	56	1	WC..050308	FCS1005	TORX08
D3X.WC05.32.026.Z01	26	32	42	78	110	60	1			
D3X.WC05.32.027.Z01	27	32	42	81	113	60	1			
D3X.WC05.32.028.Z01	28	32	42	84	116	60	1			
D3X.WC05.32.029.Z01	29	32	42	87	119	60	1			
D3X.WC05.32.030.Z01	30	32	42	90	122	60	1			
D3X.WC06.32.031.Z01	31	32	42	93	125	60	1	WC..06T308	FCS360	TORX15
D3X.WC06.32.032.Z01	32	32	42	96	128	60	1			
D3X.WC06.32.033.Z01	33	32	42	99	131	60	1			
D3X.WC06.32.034.Z01	34	32	42	102	134	60	1			
D3X.WC06.32.035.Z01	35	32	42	105	137	60	1			
D3X.WC06.32.036.Z01	36	32	42	108	140	60	1			
D3X.WC06.40.037.Z01	37	40	50	111	151	70	1			
D3X.WC06.40.038.Z01	38	40	50	114	154	70	1			
D3X.WC06.40.039.Z01	39	40	50	117	157	70	1			
D3X.WC06.40.040.Z01	40	40	50	120	160	70	1			

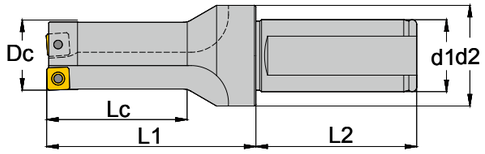


刀片型号	D mm	a°	S mm	R mm
WC..040208	6.35	7	2.38	0.8
WC..050308	7.94	7	3.18	0.8
WC..06T308	9.525	7	3.97	0.8

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
WCMT040208	FCP20	FCM20	FCK20	/
WCKT040208	/	/	/	FCN20
WCMT050308	FCP20	FCM20	FCK20	/
WCKT050308	/	/	/	FCN20
WCMT06T308	FCP20	FCM20	FCK20	/
WCKT06T308	/	/	/	FCN20

浅孔钻-2xDc-P28

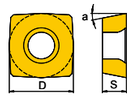




型号	Dc mm	d1 mm	d2 mm	Lc mm	L1 mm	L2 mm	有效刃数	刀片型号	刀片锁紧螺钉	扳手
D2X.P28.W25.016.Z01	16	25	35	32	57	56	1	P284..-1	FCS923	TORX8
D2X.P28.W25.017.Z01	17	25	35	34	59	56	1			
D2X.P28.W25.018.Z01	18	25	35	36	61	56	1			
D2X.P28.W25.019.Z01	19	25	35	38	63	56	1			
D2X.P28.W25.020.Z01	20	25	35	40	65	56	1			
D2X.P28.W25.021.Z01	21	25	35	42	67	56	1	P284..-2	FCS1005	
D2X.P28.W25.022.Z01	22	25	35	44	69	56	1			
D2X.P28.W25.023.Z01	23	25	35	46	71	56	1			
D2X.P28.W25.024.Z01	24	25	35	48	73	56	1			
D2X.P28.W25.025.Z01	25	25	35	50	75	56	1			
D2X.P28.W32.026.Z01	26	32	42	52	84	60	1	P284..-3	FCS920	TORX15
D2X.P28.W32.027.Z01	27	32	42	54	86	60	1			
D2X.P28.W32.028.Z01	28	32	42	56	88	60	1			
D2X.P28.W32.029.Z01	29	32	42	58	90	60	1			
D2X.P28.W32.030.Z01	30	32	42	60	92	60	1			
D2X.P28.W32.031.Z01	31	32	42	62	94	60	1	P284..-4	FCS359	
D2X.P28.W32.032.Z01	32	32	42	64	96	60	1			
D2X.P28.W32.033.Z01	33	32	42	66	98	60	1			
D2X.P28.W32.034.Z01	34	32	42	68	100	60	1			
D2X.P28.W32.035.Z01	35	32	42	70	102	60	1			
D2X.P28.W32.036.Z01	36	32	42	72	104	60	1			
D2X.P28.W40.037.Z01	37	40	50	74	114	70	1	P284..-5	FCS1029	TORX20
D2X.P28.W40.038.Z01	38	40	50	76	116	70	1			
D2X.P28.W40.039.Z01	39	40	50	78	118	70	1			
D2X.P28.W40.040.Z01	40	40	50	80	120	70	1			
D2X.P28.W40.041.Z01	41	40	50	82	122	70	1			
D2X.P28.W40.042.Z01	42	40	50	84	124	70	1			
D2X.P28.W40.043.Z01	43	40	50	86	126	70	1	P284..-6	FCS1030	
D2X.P28.W40.044.Z01	44	40	50	88	128	70	1			
D2X.P28.W40.045.Z01	45	40	50	90	130	70	1			
D2X.P28.W40.046.Z01	46	40	50	92	132	70	1			
D2X.P28.W40.047.Z01	47	40	50	94	134	70	1			
D2X.P28.W40.048.Z01	48	40	50	96	136	70	1			
D2X.P28.W40.049.Z01	49	40	50	98	138	70	1			
D2X.P28.W40.050.Z01	50	40	50	100	140	70	1			
D2X.P28.W40.051.Z01	51	40	50	102	142	70	1	P284..-7		
D2X.P28.W40.052.Z01	52	40	50	104	144	70	1			
D2X.P28.W40.053.Z01	53	40	50	106	146	70	1			
D2X.P28.W40.054.Z01	54	40	50	108	148	70	1			
D2X.P28.W40.055.Z01	55	40	50	110	150	70	1			
D2X.P28.W40.056.Z01	56	40	50	112	152	70	1			
D2X.P28.W40.057.Z01	57	40	50	114	154	70	1			
D2X.P28.W40.058.Z01	58	40	50	116	156	70	1			

浅孔钻-3xDc-P28

型号	Dc mm	d1 mm	d2 mm	Lc mm	L1 mm	L2 mm	有效刃数	刀片型号	刀片锁紧螺钉	扳手
D3X.P28.W25.016.Z01	16	25	35	48	73	56	1	P284..-1	FCS923	TORX8
D3X.P28.W25.017.Z01	17	25	35	51	76	56	1			
D3X.P28.W25.018.Z01	18	25	35	54	79	56	1			
D3X.P28.W25.019.Z01	19	25	35	57	82	56	1			
D3X.P28.W25.020.Z01	20	25	35	60	85	56	1			
D3X.P28.W25.021.Z01	21	25	35	63	88	56	1	P284..-2	FCS1005	
D3X.P28.W25.022.Z01	22	25	35	66	91	56	1			
D3X.P28.W25.023.Z01	23	25	35	69	94	56	1			
D3X.P28.W25.024.Z01	24	25	35	72	97	56	1			
D3X.P28.W25.025.Z01	25	25	35	75	100	56	1			
D3X.P28.W32.026.Z01	26	32	42	78	112	60	1	P284..-3	FCS920	TORX15
D3X.P28.W32.027.Z01	27	32	42	81	113	60	1			
D3X.P28.W32.028.Z01	28	32	42	84	116	60	1			
D3X.P28.W32.029.Z01	29	32	42	87	119	60	1			
D3X.P28.W32.030.Z01	30	32	42	90	122	60	1			
D3X.P28.W32.031.Z01	31	32	42	93	125	60	1	P284..-4	FCS359	
D3X.P28.W32.032.Z01	32	32	42	96	128	60	1			
D3X.P28.W32.033.Z01	33	32	42	99	131	60	1			
D3X.P28.W32.034.Z01	34	32	42	102	134	60	1			
D3X.P28.W32.035.Z01	35	32	42	105	137	60	1			
D3X.P28.W32.036.Z01	36	32	42	108	140	60	1			
D3X.P28.W40.037.Z01	37	40	50	111	151	70	1	P284..-5	FCS1029	
D3X.P28.W40.038.Z01	38	40	50	114	154	70	1			
D3X.P28.W40.039.Z01	39	40	50	117	157	70	1			
D3X.P28.W40.040.Z01	40	40	50	120	160	70	1			
D3X.P28.W40.041.Z01	41	40	50	123	163	70	1			
D3X.P28.W40.042.Z01	42	40	50	126	166	70	1			
D3X.P28.W40.043.Z01	43	40	50	129	169	70	1	P284..-6	FCS1030	TORX20
D3X.P28.W40.044.Z01	44	40	50	132	172	70	1			
D3X.P28.W40.045.Z01	45	40	50	135	175	70	1			
D3X.P28.W40.046.Z01	46	40	50	138	178	70	1			
D3X.P28.W40.047.Z01	47	40	50	141	181	70	1			
D3X.P28.W40.048.Z01	48	40	50	144	184	70	1			
D3X.P28.W40.049.Z01	49	40	50	147	187	70	1			
D3X.P28.W40.050.Z01	50	40	50	150	190	70	1			
D3X.P28.W40.051.Z01	51	40	50	153	193	70	1	P284..-7	FCS1030	
D3X.P28.W40.052.Z01	52	40	50	156	196	70	1			
D3X.P28.W40.053.Z01	53	40	50	159	199	70	1			
D3X.P28.W40.054.Z01	54	40	50	162	202	70	1			
D3X.P28.W40.055.Z01	55	40	50	165	205	70	1			
D3X.P28.W40.056.Z01	56	40	50	168	208	70	1			
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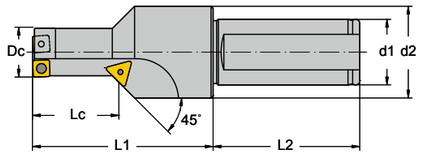


刀片型号	D mm	a°	S mm	R mm
P284..-1	6.35	14	2.38	2.8
P284..-2	7.8	14	3.18	3.4
P284..-3	9.52	14	3.97	4.4
P284..-4	11	14	3.97	4.4
P284..-5	12.7	14	4.76	5.5
P284..-6	15	14	4.76	5.5
P284..-7	17.6	14	5.56	5.5

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
P28467(1-7)	FPK20	-	FPK20	-
P28475(1-7)	FPK20	/	FPK20	/

浅孔钻-2xDc-P28 复合45° 倒角

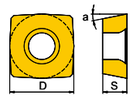


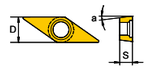


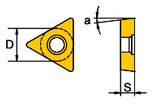
型号	Dc mm	d1 mm	d2 mm	Lc mm	L1 mm	L2 mm	有效刃数	刀片型号	刀片锁紧螺钉	扳手
D2X.P28.W25.016.Z01-45	16	25	35	32	57	56	1	P284..-1	FCS923	TORX8
D2X.P28.W25.017.Z01-45	17	25	35	34	59	56	1			
D2X.P28.W25.018.Z01-45	18	25	35	36	61	56	1			
D2X.P28.W25.019.Z01-45	19	25	35	38	63	56	1			
D2X.P28.W25.020.Z01-45	20	25	35	40	65	56	1			
D2X.P28.W25.021.Z01-45	21	25	35	42	67	56	1	P284..-2	FCS1005	
D2X.P28.W25.022.Z01-45	22	25	35	44	69	56	1			
D2X.P28.W25.023.Z01-45	23	25	35	46	71	56	1			
D2X.P28.W25.024.Z01-45	24	25	35	48	73	56	1			
D2X.P28.W25.025.Z01-45	25	25	35	50	75	56	1			
D2X.P28.W32.026.Z01-45	26	32	42	52	84	60	1	P284..-3	FCS920	TORX15
D2X.P28.W32.027.Z01-45	27	32	42	54	86	60	1			
D2X.P28.W32.028.Z01-45	28	32	42	56	88	60	1			
D2X.P28.W32.029.Z01-45	29	32	42	58	90	60	1			
D2X.P28.W32.030.Z01-45	30	32	42	60	92	60	1			
D2X.P28.W32.031.Z01-45	31	32	42	62	94	60	1	P284..-4	FCS359	
D2X.P28.W32.032.Z01-45	32	32	42	64	96	60	1			
D2X.P28.W32.033.Z01-45	33	32	42	66	98	60	1			
D2X.P28.W32.034.Z01-45	34	32	42	68	100	60	1			
D2X.P28.W32.035.Z01-45	35	32	42	70	102	60	1			
D2X.P28.W32.036.Z01-45	36	32	42	72	104	60	1			
D2X.P28.W40.037.Z01-45	37	40	50	74	114	70	1	P284..-5	FCS1029	TORX20
D2X.P28.W40.038.Z01-45	38	40	50	76	116	70	1			
D2X.P28.W40.039.Z01-45	39	40	50	78	118	70	1			
D2X.P28.W40.040.Z01-45	40	40	50	80	120	70	1			
D2X.P28.W40.041.Z01-45	41	40	50	82	122	70	1			
D2X.P28.W40.042.Z01-45	42	40	50	84	124	70	1			
D2X.P28.W40.043.Z01-45	43	40	50	86	126	70	1	P284..-6	FCS1030	
D2X.P28.W40.044.Z01-45	44	40	50	88	128	70	1			
D2X.P28.W40.045.Z01-45	45	40	50	90	130	70	1			
D2X.P28.W40.046.Z01-45	46	40	50	92	132	70	1			
D2X.P28.W40.047.Z01-45	47	40	50	94	134	70	1			
D2X.P28.W40.048.Z01-45	48	40	50	96	136	70	1			
D2X.P28.W40.049.Z01-45	49	40	50	98	138	70	1			
D2X.P28.W40.050.Z01-45	50	40	50	100	140	70	1			
D2X.P28.W40.051.Z01-45	51	40	50	102	142	70	1	P284..-7	FCS1030	
D2X.P28.W40.052.Z01-45	52	40	50	104	144	70	1			
D2X.P28.W40.053.Z01-45	53	40	50	106	146	70	1			
D2X.P28.W40.054.Z01-45	54	40	50	108	148	70	1			
D2X.P28.W40.055.Z01-45	55	40	50	110	150	70	1			
D2X.P28.W40.056.Z01-45	56	40	50	112	152	70	1			
D2X.P28.W40.057.Z01-45	57	40	50	114	154	70	1			
D2X.P28.W40.058.Z01-45	58	40	50	116	156	70	1			

浅孔钻-3xDc-P28 复合45° 倒角

型号	Dc mm	d1 mm	d2 mm	Lc mm	L1 mm	L2 mm	有效刃数	刀片型号	刀片锁紧螺钉	扳手
D3X.P28.W25.016.Z01-45	16	25	35	48	73	56	1	P284..-1	FCS923	TORX8
D3X.P28.W25.017.Z01-45	17	25	35	51	76	56	1			
D3X.P28.W25.018.Z01-45	18	25	35	54	79	56	1			
D3X.P28.W25.019.Z01-45	19	25	35	57	82	56	1			
D3X.P28.W25.020.Z01-45	20	25	35	60	85	56	1			
D3X.P28.W25.021.Z01-45	21	25	35	63	88	56	1	P284..-2	FCS1005	
D3X.P28.W25.022.Z01-45	22	25	35	66	91	56	1			
D3X.P28.W25.023.Z01-45	23	25	35	69	94	56	1			
D3X.P28.W25.024.Z01-45	24	25	35	72	97	56	1			
D3X.P28.W25.025.Z01-45	25	25	35	75	100	56	1			
D3X.P28.W32.026.Z01-45	26	32	42	78	112	60	1	P284..-3	FCS920	TORX15
D3X.P28.W32.027.Z01-45	27	32	42	81	113	60	1			
D3X.P28.W32.028.Z01-45	28	32	42	84	116	60	1			
D3X.P28.W32.029.Z01-45	29	32	42	87	119	60	1			
D3X.P28.W32.030.Z01-45	30	32	42	90	122	60	1			
D3X.P28.W32.031.Z01-45	31	32	42	93	125	60	1	P284..-4	FCS359	
D3X.P28.W32.032.Z01-45	32	32	42	96	128	60	1			
D3X.P28.W32.033.Z01-45	33	32	42	99	131	60	1			
D3X.P28.W32.034.Z01-45	34	32	42	102	134	60	1			
D3X.P28.W32.035.Z01-45	35	32	42	105	137	60	1			
D3X.P28.W32.036.Z01-45	36	32	42	108	140	60	1			
D3X.P28.W40.037.Z01-45	37	40	50	111	151	70	1	P284..-5	FCS1029	TORX20
D3X.P28.W40.038.Z01-45	38	40	50	114	154	70	1			
D3X.P28.W40.039.Z01-45	39	40	50	117	157	70	1			
D3X.P28.W40.040.Z01-45	40	40	50	120	160	70	1			
D3X.P28.W40.041.Z01-45	41	40	50	123	163	70	1			
D3X.P28.W40.042.Z01-45	42	40	50	126	166	70	1			
D3X.P28.W40.043.Z01-45	43	40	50	129	169	70	1	P284..-6	FCS1030	
D3X.P28.W40.044.Z01-45	44	40	50	132	172	70	1			
D3X.P28.W40.045.Z01-45	45	40	50	135	175	70	1			
D3X.P28.W40.046.Z01-45	46	40	50	138	178	70	1			
D3X.P28.W40.047.Z01-45	47	40	50	141	181	70	1			
D3X.P28.W40.048.Z01-45	48	40	50	144	184	70	1			
D3X.P28.W40.049.Z01-45	49	40	50	147	187	70	1			
D3X.P28.W40.050.Z01-45	50	40	50	150	190	70	1			
D3X.P28.W40.051.Z01-45	51	40	50	153	193	70	1	P284..-7	FCS1030	
D3X.P28.W40.052.Z01-45	52	40	50	156	196	70	1			
D3X.P28.W40.053.Z01-45	53	40	50	159	199	70	1			
D3X.P28.W40.054.Z01-45	54	40	50	162	202	70	1			
D3X.P28.W40.055.Z01-45	55	40	50	165	205	70	1			
D3X.P28.W40.056.Z01-45	56	40	50	168	208	70	1			
D3X.P28.W40.057.Z01-45	57	40	50	171	211	70	1			
D3X.P28.W40.058.Z01-45	58	40	50	174	214	70	1			







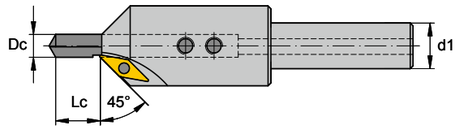
刀片型号	D mm	a°	S mm	R mm
P284..-1	6.35	14	2.38	2.8
P284..-2	7.8	14	3.18	3.4
P284..-3	9.52	14	3.97	4.4
P284..-4	11	14	3.97	4.4
P284..-5	12.7	14	4.76	5.5
P284..-6	15	14	4.76	5.5
P284..-7	17.6	14	5.56	5.5
VPGT080202	4.76	11	2.38	0.2
TCMT090204	5.56	7	2.38	0.4

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
P28467(1-7)	FPK20	/	FPK20	/
P28475(1-7)	FPK20	/	FPK20	/
VCGT080202	FPK20	/	FPK20	/
TCMT090204	FPK20	/	FPK20	/

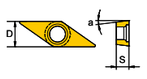
* Dc < 24.9mm 配合 VPGT080202
* Dc > 24.9mm 配合 TCMT090204

整硬钻-3xDc 复合45° 倒角



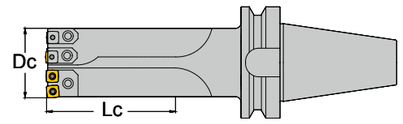


型号	Dc mm	d1 mm	Lc mm	钻头型号
D3X.HM.W12.050.Z01-45	5.0	16	15	D77263C-5.0
D3X.HM.W12.060.Z01-45	6.0	16	15	D77263C-6.0
D3X.HM.W12.068.Z01-45	6.8	16	18	D77263C-6.8
D3X.HM.W12.078.Z01-45	7.8	16	18	D77263C-7.8
D3X.HM.W12.085.Z01-45	8.5	16	20	D77263C-8.5
D3X.HM.W12.095.Z01-45	9.5	16	20	D77263C-9.5
D3X.HM.W12.103.Z01-45	10.3	20	20	D77263C-10.3
D3X.HM.W12.120.Z01-45	12	20	25	D77263C-12
D3X.HM.W12.140.Z01-45	14	20	25	D77263C-14
D3X.HM.W12.155.Z01-45	15.5	20	30	D77263C-15.5



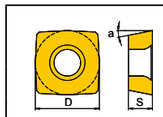
刀片型号	D mm	a°	S mm	R mm
VPGT080202	4.76	11	2.38	0.2

D2X\D3X刀座式大孔径浅孔钻



刀具说明	刀具直径	使用刀座								使用刀片	
	Dc mm	FCR661	FCR662	FCR663	FCR664	FCR665	FCR666	FCR667	FCR668	P284..-4	P284..-5
本系列刀具为定制产品，如有需要可直接与我公司技术工程师联系。	59.5-63.4	1			1					4	
	63.5-64.4	1	2							4	
	64.5-65.4	1	1	1						4	
	65.5-73.4						1		1		4
	73.5-75.4						1	2			4
	75.5-81.4					1		3			4
	81.5-86.4	1		2	1					6	
	86.5-89.4	1	1	1	1					6	
	89.5-92.4	1	1	1	1					6	
	92.5-93.4	1	3	1						6	
	93.5-95.4	1	2	2						6	
	95.5-97.4	1	3	1						6	
	97.5-99.4	1	2	2						6	
	99.5-105.4						1	2	1		6
	105.5-114.4						1	4			6
	114.5-120.0					1		5			6

型号例举：D2X.P28.BT5.060.Z01-CD						
型号	直径	倍径	柄部型式	内刀座	外刀座	刀片
D2X.P28.BT5.060.Z01-CD	60	2	BT50	FCR661	FCR661	P274..-4

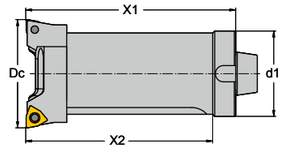


刀片型号	D mm	a°	S mm	R mm
P284..-4	11	14	3.97	4.4
P284..-5	12.7	14	4.76	5.5

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
P28467(4-5)	FPK20	/	FPK20	/
P28475(4-5)	FPK20	/	FPK20	/

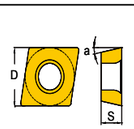
模块式双刃粗镗





型号	Dc mm	d1 mm	X1 mm	X2 mm	有效刃数	重量 kg	刀片型号
N2-TBA020-024.CC06	20-24	25	80	65	2	0.2	CC..0602..
N2-TBA023-027.CC06	23-27	25	80	65	2	0.2	
N2-TBA026-033.CC06	26-33	25	80	/	2	0.3	
N3-TBA033-041.CC06	33-41	32	80	/	2	0.5	
N4-TBA041-055.CC09	41-55	40	80	/	2	0.8	CC..09T3..
N5-TBA055-070.CC09	55-70	50	100	/	2	1.6	
N6-TBA070-090.CC12	70-90	63	100	/	2	2.5	CC..1204..
N8-TBA090-110.CC12	90-110	80	100	/	2	4.0	
N8-TBA110-133.CC12	110-133	80	100	/	2	5.0	
N8-TBA130-153.CC12	130-153	80	100	/	2	5.0	

型号	基体	刀座	刀座螺钉	刀片螺钉	刀片扳手
N2-TBA020-024.CC06	N2G-TBA020-027	TBA20.CC06	FS1093	FCS923	TORX07-1367
N2-TBA023-027.CC06	N2G-TBA020-027	TBA23.CC06	FS1093	FCS923	
N2-TBA026-033.CC06	N2G-TBA026-035	TBA26.CC06	FS1093	FCS923	
N3-TBA033-041.CC06	N3G-TBA033-044	TBA33.CC06	FS1094	FCS923	
N4-TBA041-055.CC09	N4G-TBA041-056	TBA41.CC09	FCS1095	FCS359	TORX15-1367
N5-TBA055-070.CC09	N5G-TBA055-073	TBA55.CC09	FCS1095	FCS359	
N6-TBA070-090.CC12	N6G-TBA070-093	TBA70.CC12	FCS1096	FCS1030	TORX20-1367
N8-TBA090-110.CC12	N8G-TBA090-113	TBA90.CC12	FCS1097	FCS1030	
N8-TBA110-133.CC12	N8G-TBA110-153	TBA110.CC12	FCS1097	FCS1030	
N8-TBA130-153.CC12	N8G-TBA110-153	TBA130.CC12	FCS1097	FCS1030	

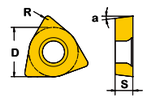


刀片型号	D mm	a°	S mm
CC..0602..	6.35	7	2.38
CC..09T3..	9.525	7	3.97
CC..1204..	12.7	7	4.76

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
CCMT060204-M	FCP20	FCM20	FCK20	-
CCMT060208-M	FCP20	FCM20	FCK20	-
CCGT060202	-	-	-	FCN20
CCGT060204	-	-	-	FCN20
CCGT060202	-	-	-	FCD20
CCMT09T304-M	FCP20	FCM20	FCK20	-
CCMT09T308-M	FCP20	FCM20	FCK20	-
CCGT09T302	-	-	-	FCN20
CCGT09T304	-	-	-	FCN20
CCGT09T304	-	-	-	FCD20
CCMT120404-M	FCP20	FCM20	FCK20	-
CCMT120408-M	FCP20	FCM20	FCK20	-
CCGT120404	-	-	-	FCN20
CCGT120408	-	-	-	FCN20
CCGT120404	-	-	-	FCD20

型号	Dc mm	d1 mm	X1 mm	X2 mm	有效刃数	重量 kg	刀片型号
N2-TBA020-024.WC03	20-24	25	80	65	2	0.2	WC..0302..
N2-TBA023-027.WC03	23-27	25	80	65	2	0.2	
N2-TBA026-033.WC03	26-33	25	80	/	2	0.3	
N3-TBA033-041.WC04	33-41	32	80	/	2	0.5	
N4-TBA041-055.WC06	41-55	40	80	/	2	0.8	WC..0402..
N5-TBA055-070.WC06	55-70	50	100	/	2	1.6	WC..06T3..
N6-TBA070-090.WC08	70-90	63	100	/	2	2.5	
N8-TBA090-110.WC08	90-110	80	100	/	2	4.0	WC..0804..
N8-TBA110-133.WC08	110-133	80	100	/	2	5.0	
N8-TBA130-153.WC08	130-153	80	100	/	2	5.0	

型号	基体	刀座	刀座螺钉	刀片螺钉	刀片扳手
N2-TBA020-024.WC03	N2G-TBA020-027	TBA20.WC03	FS1093	FCS1020	TORX07-1367
N2-TBA023-027.WC03	N2G-TBA020-027	TBA23.WC03	FS1093	FCS1020	
N2-TBA026-033.WC03	N2G-TBA026-035	TBA26.WC03	FS1093	FCS1020	
N3-TBA033-041.WC04	N3G-TBA033-044	TBA33.WC04	FS1094	FCS1020	
N4-TBA041-055.WC06	N4G-TBA041-056	TBA41.WC06	FCS1095	FCS359	TORX15-1367
N5-TBA055-070.WC06	N5G-TBA055-073	TBA55.WC06	FCS1095	FCS359	
N6-TBA070-090.WC08	N6G-TBA070-093	TBA70.WC08	FCS1096	FCS1030	TORX20-1367
N8-TBA090-110.WC08	N8G-TBA090-113	TBA90.WC08	FCS1097	FCS1030	
N8-TBA110-133.WC08	N8G-TBA110-153	TBA110.WC08	FCS1097	FCS1030	
N8-TBA130-153.WC08	N8G-TBA110-153	TBA130.WC08	FCS1097	FCS1030	

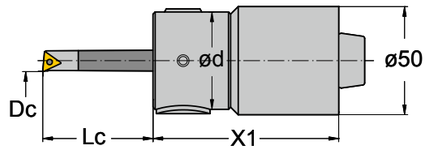


刀片型号	D mm	a°	S mm
WC..0302..	5.56	7	2.38
WC..0402..	6.35	7	2.38
WC..06T3..	9.525	7	3.97
WC..0804..	12.7	7	4.76

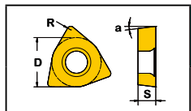
被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
WCMT030202	FPK20	-	FPK20	-
WCGT030202	-	-	-	FCN20
WCMT040202	FPK20	-	FPK20	-
WCGT040202		-		FCN20
WCMT040204	FPK20	-	FPK20	-
WCGT040204	-	-	-	FCN20
WCMT06T304	FPK20	-	FPK20	-
WCGT06T304	-	-	-	FCN20
WCMT06T308	FPK20	-	FPK20	-
WCGT06T308	-	-	-	FCN20
WCMT080404	FPK20	-	FPK20	-
WCGT080404	-	-	-	FCN20
WCMT080408	FPK20	-	FPK20	-
WCGT080408	-	-	-	FCN20
WCMT080412	FPK20	-	FPK20	-
WCGT080412	-	-	-	FCN20

小孔径精镗刀

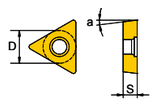




型号	Dc mm	Lc mm	X1 mm	d mm	精镗单元	标准镗杆	刀片型号
N5-FBB10-04.HM	4-8	14	86	50	N5-FBB10	FBB10-04.HM	/
N5-FBB10-06.HM	6-15	35	86	50		FBB10-06.HM	/
N5-FBB10-08.WB03	8-18	40	86	50		FBB10-08.WB06	WBGT0601
N5-FBB10-12.WB06	12-22	55	86	50		FBB10-12.WB06	
N5-FBB10-18.TC11	18-28	65	86	50		FBB10-18.TC11	TCGT1102



刀片型号	D mm	a°	S mm
WBGT0601	3.969	5	1.59

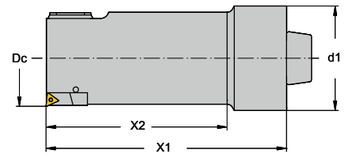


刀片型号	D mm	a°	S mm
TCGT1102	6.35	7	2.38

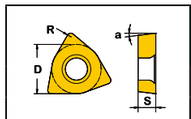
被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
WBGT030102L-M08	FCP20	FCM20	FCK20	FCN20
WBGT060104L-M08	FCP20	FCM20	FCK20	FCN20
TCGT110202-M08	FCP20	FCM20	FCK20	FCN20

模块式精镗刀

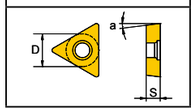




型号	Dc mm	d1 mm	X1 mm	X2 mm	精镗单元	重量 kg	刀片型号
N2-FBA020.WB06	020-025	25	80	65	FBA020.WB06	0.20	WBGT0601
N2-FBA025.WB06	025-032	25	80	80	FBA025.WB06	0.30	
N3-FBA032.WB08	032-042	32	80	80	FBA032.WB08	0.50	WBGT0802
N4-FBA042.TC11	042-055	40	80	80	FBA042.TC11	0.80	TPGT1103
N5-FBA055.TC11	055-070	50	100	100	FBA055.TC11	1.60	
N6-FBA070.TC11	070-085	63	100	100	FBA070.TC11	2.50	
N8-FBA085.TC11	085-100	80	100	100	FBA085.TC11	4.00	
N8-FBA100.TC11	100-140	80	100	100	FBA100.TC11	5.00	



刀片型号	D mm	a°	S mm
WBGT0601	3.969	5	1.59
WBGT0802	4.762	5	2.38

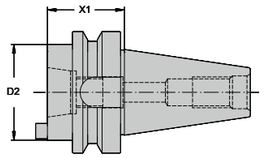


刀片型号	D mm	a°	S mm
TPGT1103	6.35	11	3.18

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
WBGT030102L-M08	FCP20	FCM20	FCK20	FCN20
WBGT060102L-M08	FCP20	FCM20	FCK20	FCN20
WBGT060104L-M08	FCP20	FCM20	FCK20	FCN20
TCGT110202-M08	FCP20	FCM20	FCK20	FCN20
TCGT110204-M08	FCP20	FCM20	FCK20	FCN20

模块主柄

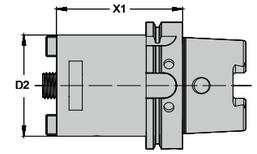




规格型号	ISO	D2 mm	X1 mm	重量Kg
BT40 N2-30	40	25	30	0.95
BT40 N2-60	40	25	60	0.95
BT40 N3-30	40	32	30	0.91
BT40 N3-60	40	32	60	0.91
BT40 N4-30	40	40	30	1.35
BT40 N4-100	40	40	100	2.30
BT40 N5-30	40	50	30	3.60
BT40 N5-100	40	50	100	3.60
BT40 N6-40	40	63	40	3.55
BT40 N6-100	40	63	100	3.55
BT40 N8-90	40	80	90	3.50
BT40 N8-160	40	80	160	3.50
BT50 N2-40	50	25	40	0.80
BT50 N2-80	50	25	80	0.80
BT50 N3-40	50	32	40	0.80
BT50 N3-80	50	32	80	0.80
BT50 N4-40	50	40	40	1.20
BT50 N4-100	50	40	100	1.80
BT50 N5-40	50	50	40	2.60
BT50 N5-100	50	50	100	2.60
BT50 N6-40	50	63	40	2.60
BT50 N6-100	50	63	100	2.60
BT50 N8-40	50	80	40	2.50
BT50 N8-100	50	80	100	2.50
SK40 N2-20	40	25	20	0.95
SK40 N2-60	40	25	60	0.95
SK40 N3-20	40	32	20	0.91
SK40 N3-60	40	32	60	0.91
SK40 N4-30	40	40	30	1.35
SK40 N4-100	40	40	100	2.30
SK40 N5-30	40	50	30	3.60
SK40 N5-100	40	50	100	3.60
SK40 N6-50	40	63	50	3.55
SK40 N6-100	40	63	100	3.55
SK40 N8-90	40	80	90	3.50
SK40 N8-160	40	80	160	3.50
SK50 N2-20	50	25	20	0.80
SK50 N2-80	50	25	80	0.80
SK50 N3-20	50	32	20	0.80
SK50 N3-80	50	32	80	0.80
SK50 N4-20	50	40	20	1.20
SK50 N4-100	50	40	100	1.80
SK50 N5-20	50	50	20	2.60
SK50 N5-100	50	50	100	2.60
SK50 N6-20	50	63	20	2.60
SK50 N6-100	50	63	100	2.60
SK50 N8-25	50	80	25	2.50
SK50 N8-100	50	80	100	2.50

模块主柄

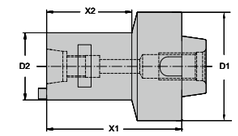




规格型号	ISO	D2 mm	X1 mm	重量Kg
HSK63A N2-80	63	25	80	0.9
HSK63A N3-80	63	32	80	1.0
HSK63A N4-80	63	40	80	1.1
HSK63A N5-80	63	50	80	1.4
HSK63A N6-75	63	63	75	2.1
HSK63A N8-80	63	80	80	3.0
HSK100A N2-80	100	25	80	3.0
HSK100A N3-80	100	32	80	2.5
HSK100A N5-80	100	50	80	2.8
HSK100A N6-80	100	63	80	3.4
HSK100A N8-100	100	80	100	4.1

模块缩径杆

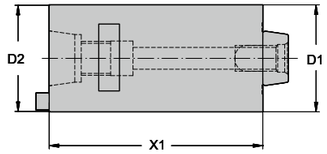




规格型号	D1 mm	D2 mm	X1 mm	X2 mm	重量Kg
N3-N2-050	32	25	50	32	0.21
N4-N2-050	40	25	50	30	0.30
N4-N3-050	40	32	50	28	0.38
N5-N2-050	50	25	50	25	0.30
N5-N3-050	50	32	50	25	0.50
N5-N4-070	50	40	70	50	0.70
N6-N2-050	63	25	50	20	0.70
N6-N2-080	63	25	80	50	0.80
N6-N3-050	63	32	50	20	0.80
N6-N3-080	63	32	80	50	0.95
N6-N4-080	63	40	80	55	1.00
N6-N4-100	63	40	100	75	1.20
N6-N4-120	63	40	120	95	1.40
N6-N4-140	63	40	140	115	1.60
N6-N5-080	63	50	80	55	1.30
N6-N5-100	63	50	100	75	1.60
N6-N5-120	63	50	120	95	1.90
N6-N5-140	63	50	140	115	2.20
N8-N3-080	80	32	80	45	1.45
N8-N4-080	80	40	80	45	1.65
N8-N5-080	80	50	80	48	1.95
N8-N5-100	80	50	100	63	2.20
N8-N6-080	80	63	80	50	2.25
N8-N6-100	80	63	100	63	2.80

模块等径杆

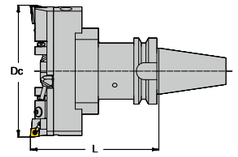




型号	D1 mm	D2 mm	X1 mm	重量kg
N2-050	25	25	50	0.20
N2-075	25	25	75	0.25
N3-050	32	32	50	0.30
N3-080	32	32	80	0.50
N4-055	40	40	55	0.50
N4-075	40	40	75	0.65
N4-100	40	40	100	0.90
N5-060	50	50	60	0.90
N5-080	50	50	80	1.15
N5-100	50	50	100	1.45
N6-080	63	63	80	1.80
N6-100	63	63	100	2.25
N6-120	63	63	120	2.70
N8-100	80	80	100	3.60
N8-120	80	80	120	4.35
N8-140	80	80	140	5.10
N8-160	80	80	160	5.80

大孔径粗镗刀



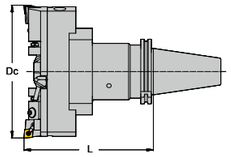


型号	Dc mm	L mm	刀柄型号	镗桥组件	刀夹座	重量
BT50-XBET 150-195	D150-D200	195	BT50-FMG-117	XBF145-SET	CSD50 *2	11.8
BT50-XBET 200-195	D200-D280			XBF195-SET	CSD80 *2	12.8
BT50-XBET 280-195	D280-D360			XBF275-SET		14.9
BT50-XBET 360-195	D360-D440			XBF355-SET		16.6
BT50-XBET 440-195	D440-D520			XBF435-SET		18.6
BT50-XBET 520-195	D520-D600			XBF515-SET		20.3
BT50-XBET 600-212 LV	D600-D680	212		XBF595AL-SET		15.8
BT50-XBET 680-212 LV	D680-D760			XBF675AL-SET		16.7
BT50-XBET 150-245	D150-D200	245	BT50-FMG-167	XBF145-SET	CSD50 *2	13.6
BT50-XBET 200-245	D200-D280			XBF195-SET	CSD80 *2	14.6
BT50-XBET 280-245	D280-D360			XBF275-SET		16.7
BT50-XBET 360-245	D360-D440			XBF355-SET		18.4
BT50-XBET 440-245	D440-D520			XBF435-SET		20.4
BT50-XBET 520-245	D520-D600			XBF515-SET		22.1
BT50-XBET 600-262 LV	D600-D680	262		XBF595AL-SET		17.6
BT50-XBET 680-262 LV	D680-D760			XBF675AL-SET		18.5
BT50-XBET 150-295	D150-D200	295	BT50-FMG-217	XBF145-SET	CSD50 *2	16.1
BT50-XBET 200-295	D200-D280			XBF195-SET	CSD80 *2	17.1
BT50-XBET 280-295	D280-D360			XBF275-SET		19.2
BT50-XBET 360-295	D360-D440			XBF355-SET		20.9
BT50-XBET 440-295	D440-D520			XBF435-SET		22.9
BT50-XBET 520-295	D520-D600			XBF515-SET		24.6
BT50-XBET 600-312 LV	D600-D680	312		XBF595AL-SET		20.1
BT50-XBET 680-312 LV	D680-D760			XBF675AL-SET		21
BT50-XBET 150-345	D150-D200	345	BT50-FMG-267	XBF145-SET	CSD50 *2	17.6
BT50-XBET 200-345	D200-D280			XBF195-SET	CSD80 *2	18.6
BT50-XBET 280-345	D280-D360			XBF275-SET		20.7
BT50-XBET 360-345	D360-D440			XBF355-SET		22.4
BT50-XBET 440-345	D440-D520			XBF435-SET		24.4
BT50-XBET 520-345	D520-D600			XBF515-SET		26.1
BT50-XBET 600-362 LV	D600-D680	362		XBF595AL-SET		21.6
BT50-XBET 680-362 LV	D680-D760			XBF675AL-SET		22.5

刀夹型号	被加工材料类别	P	M	K	N
	适用刀片型号	合金钢	不锈钢	铸铁	有色金属
MCLNL16CA-12	CNMG120404-M	FCP20	FCM20	FCK20	-
	CNMG120408-M	FCP20	FCM20	FCK20	-
SCGCL16CA-12	CCMT120404-M	FCP20	FCM20	FCK20	-
	CCMT120408-M	FCP20	FCM20	FCK20	-
	CCGT120404	-	-	-	FCN20
	CCGT120408				FCN20
	CCGT120404	-	-	-	FCD20

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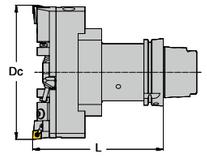
型号	Dc mm	L mm	刀柄型号	镗桥组件	刀夹座	重量
SK50-XBET 150-195	D150-D200	195	SK50-FMG-117	XBF145-SET	CSD50 *2	11.8
SK50-XBET 200-195	D200-D280			XBF195-SET	CSD80 *2	12.8
SK50-XBET 280-195	D280-D360			XBF275-SET		14.9
SK50-XBET 360-195	D360-D440			XBF355-SET		16.6
SK50-XBET 440-195	D440-D520			XBF435-SET		18.6
SK50-XBET 520-195	D520-D600			XBF515-SET		20.3
SK50-XBET 600-212 LV	D600-D680	212		XBF595AL-SET		15.8
SK50-XBET 680-212 LV	D680-D760			XBF675AL-SET		16.7
SK50-XBET 150-245	D150-D200	245	SK50-FMG-167	XBF145-SET	CSD50 *2	13.6
SK50-XBET 200-245	D200-D280			XBF195-SET	CSD80 *2	14.6
SK50-XBET 280-245	D280-D360			XBF275-SET		16.7
SK50-XBET 360-245	D360-D440			XBF355-SET		18.4
SK50-XBET 440-245	D440-D520			XBF435-SET		20.4
SK50-XBET 520-245	D520-D600			XBF515-SET		22.1
SK50-XBET 600-262 LV	D600-D680	262		XBF595AL-SET		17.6
SK50-XBET 680-262 LV	D680-D760			XBF675AL-SET		18.5
SK50-XBET 150-295	D150-D200	295	SK50-FMG-217	XBF145-SET	CSD50 *2	16.1
SK50-XBET 200-295	D200-D280			XBF195-SET	CSD80 *2	17.1
SK50-XBET 280-295	D280-D360			XBF275-SET		19.2
SK50-XBET 360-295	D360-D440			XBF355-SET		20.9
SK50-XBET 440-295	D440-D520			XBF435-SET		22.9
SK50-XBET 520-295	D520-D600			XBF515-SET		24.6
SK50-XBET 600-312 LV	D600-D680	312		XBF595AL-SET		20.1
SK50-XBET 680-312 LV	D680-D760			XBF675AL-SET		21
SK50-XBET 150-345	D150-D200	345	SK50-FMG-267	XBF145-SET	CSD50 *2	17.6
SK50-XBET 200-345	D200-D280			XBF195-SET	CSD80 *2	18.6
SK50-XBET 280-345	D280-D360			XBF275-SET		20.7
SK50-XBET 360-345	D360-D440			XBF355-SET		22.4
SK50-XBET 440-345	D440-D520			XBF435-SET		24.4
SK50-XBET 520-345	D520-D600			XBF515-SET		26.1
SK50-XBET 600-362 LV	D600-D680	362		XBF595AL-SET		21.6
SK50-XBET 680-362 LV	D680-D760			XBF675AL-SET		22.5

刀夹型号	被加工材料类别	P	M	K	N
	适用刀片型号	合金钢	不锈钢	铸铁	有色金属
MCLNL16CA-12	CNMG120404-M	FCP20	FCM20	FCK20	-
	CNMG120408-M	FCP20	FCM20	FCK20	-
SCGCL16CA-12	CCMT120404-M	FCP20	FCM20	FCK20	-
	CCMT120408-M	FCP20	FCM20	FCK20	-
	CCGT120404	-	-	-	FCN20
	CCGT120408				FCN20
	CCGT120404	-	-	-	FCD20

FCTOOLS
HIGH EFFECTIVE CUTTING TOOLS

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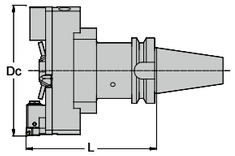


型号	Dc mm	L mm	刀柄型号	镗桥组件	刀夹座	重量
HSK100A-XBET 150-195	D150-D200	195	HSK100A-FMG-117	XBF145-SET	CSD50 *2	11.8
HSK100A-XBET 200-195	D200-D280			XBF195-SET	CSD80 *2	12.8
HSK100A-XBET 280-195	D280-D360			XBF275-SET		14.9
HSK100A-XBET 360-195	D360-D440			XBF355-SET		16.6
HSK100A-XBET 440-195	D440-D520			XBF435-SET		18.6
HSK100A-XBET 520-195	D520-D600			XBF515-SET		20.3
HSK100A-XBET 600-212 LV	D600-D680	212		XBF595AL-SET		15.8
HSK100A-XBET 680-212 LV	D680-D760			XBF675AL-SET		16.7
HSK100A-XBET 150-245	D150-D200	245	HSK100A-FMG-167	XBF145-SET	CSD50 *2	13.6
HSK100A-XBET 200-245	D200-D280			XBF195-SET	CSD80 *2	14.6
HSK100A-XBET 280-245	D280-D360			XBF275-SET		16.7
HSK100A-XBET 360-245	D360-D440			XBF355-SET		18.4
HSK100A-XBET 440-245	D440-D520			XBF435-SET		20.4
HSK100A-XBET 520-245	D520-D600			XBF515-SET		22.1
HSK100A-XBET 600-262 LV	D600-D680	262		XBF595AL-SET		17.6
HSK100A-XBET 680-262 LV	D680-D760			XBF675AL-SET		18.5
HSK100A-XBET 150-295	D150-D200	295	HSK100A-FMG-217	XBF145-SET	CSD50 *2	16.1
HSK100A-XBET 200-295	D200-D280			XBF195-SET	CSD80 *2	17.1
HSK100A-XBET 280-295	D280-D360			XBF275-SET		19.2
HSK100A-XBET 360-295	D360-D440			XBF355-SET		20.9
HSK100A-XBET 440-295	D440-D520			XBF435-SET		22.9
HSK100A-XBET 520-295	D520-D600			XBF515-SET		24.6
HSK100A-XBET 600-312 LV	D600-D680	312		XBF595AL-SET		20.1
HSK100A-XBET 680-312 LV	D680-D760			XBF675AL-SET		21
HSK100A-XBET 150-345	D150-D200	345	HSK100A-FMG-267	XBF145-SET	CSD50 *2	17.6
HSK100A-XBET 200-345	D200-D280			XBF195-SET	CSD80 *2	18.6
HSK100A-XBET 280-345	D280-D360			XBF275-SET		20.7
HSK100A-XBET 360-345	D360-D440			XBF355-SET		22.4
HSK100A-XBET 440-345	D440-D520			XBF435-SET		24.4
HSK100A-XBET 520-345	D520-D600			XBF515-SET		26.1
HSK100A-XBET 600-362 LV	D600-D680	362		XBF595AL-SET		21.6
HSK100A-XBET 680-362 LV	D680-D760			XBF675AL-SET		22.5

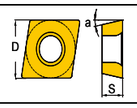
刀夹型号	被加工材料类别	P	M	K	N
	适用刀片型号	合金钢	不锈钢	铸铁	有色金属
MCLNL16CA-12	CNMG120404-M	FCP20	FCM20	FCK20	-
	CNMG120408-M	FCP20	FCM20	FCK20	-
SCGCL16CA-12	CCMT120404-M	FCP20	FCM20	FCK20	-
	CCMT120408-M	FCP20	FCM20	FCK20	-
	CCGT120404	-	-	-	FCN20
	CCGT120408				FCN20
	CCGT120404	-	-	-	FCD20

大孔径精镗刀





型号	Dc mm	L mm	刀柄型号	镗桥组件	精镗刀座	平衡单元	刀片型号	重量
BT50-XBEF 150-204	D150-D200	204	BT50-FMG-117	XBF145-SET	XFBA150	XBH150	CC..0602..	11.9
BT50-XBEF 200-204	D200-D280			XBF195-SET	XFBA200	XBH200		13.3
BT50-XBEF 280-204	D280-D360			XBF275-SET				15
BT50-XBEF 360-204	D360-D440			XBF355-SET				16.7
BT50-XBEF 440-204	D440-D520			XBF435-SET				18.7
BT50-XBEF 520-204	D520-D600			XBF515-SET				20.4
BT50-XBEF 600-221 LV	D600-D680	221		XBF595AL-SET				15.9
BT50-XBEF 680-221 LV	D680-D760			XBF675AL-SET				16.8
BT50-XBEF 150-254	D150-D200	254	BT50-FMG-167	XBF145-SET	XFBA150	XBH150		13.7
BT50-XBEF 200-254	D200-D280			XBF195-SET	XFBA200	XBH200		15.1
BT50-XBEF 280-254	D280-D360			XBF275-SET				16.8
BT50-XBEF 360-254	D360-D440			XBF355-SET				18.5
BT50-XBEF 440-254	D440-D520			XBF435-SET				20.5
BT50-XBEF 520-254	D520-D600			XBF515-SET				22.2
BT50-XBEF 600-271 LV	D600-D680	271		XBF595AL-SET				17.7
BT50-XBEF 680-271 LV	D680-D760			XBF675AL-SET				18.6
BT50-XBEF 150-304	D150-D200	304	BT50-FMG-217	XBF145-SET	XFBA150	XBH150		16.2
BT50-XBEF 200-304	D200-D280			XBF195-SET	XFBA200	XBH200		17.6
BT50-XBEF 280-304	D280-D360			XBF275-SET				19.3
BT50-XBEF 360-304	D360-D440			XBF355-SET				21
BT50-XBEF 440-304	D440-D520			XBF435-SET				23
BT50-XBEF 520-304	D520-D600			XBF515-SET				24.7
BT50-XBEF 600-321 LV	D600-D680	321		XBF595AL-SET				20.2
BT50-XBEF 680-321 LV	D680-D760			XBF675AL-SET				21.1
BT50-XBEF 150-354	D150-D200	354	BT50-FMG-267	XBF145-SET	XFBA150	XBH150		17.7
BT50-XBEF 200-354	D200-D280			XBF195-SET	XFBA200	XBH200		19.1
BT50-XBEF 280-354	D280-D360			XBF275-SET				20.8
BT50-XBEF 360-354	D360-D440			XBF355-SET				22.5
BT50-XBEF 440-354	D440-D520			XBF435-SET				24.5
BT50-XBEF 520-354	D520-D600			XBF515-SET				26.2
BT50-XBEF 600-371 LV	D600-D680	371		XBF595AL-SET				21.7
BT50-XBEF 680-371 LV	D680-D760			XBF675AL-SET				22.6



刀片型号	D mm	a°	S mm
CC..0602..	6.35	7	2.38

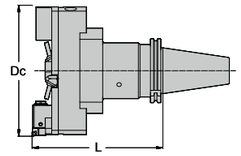
被加工材料类别	P	M	K	N
适用刀片型号	碳素/合金钢	不锈钢	铸铁	有色金属
CCMT060204-M	FCP20	FCM20	FCK20	-
CCMT060208-M	FCP20	FCM20	FCK20	-
CCGT060202	-	-	-	FCN20
CCGT060204	-	-	-	FCN20
CCGT060202	-	-	-	FCD20

●大孔径 ●模块化结构●高刚性设计

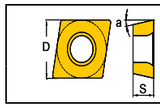
FCTOOLS HIGH EFFECTIVE CUTTING TOOLS

大孔径精镗刀





型号	Dc mm	L mm	刀柄型号	镗桥组件	精镗刀座	平衡单元	刀片型号	重量
SK50-XBEF 150-204	D150-D200	204	SK50-FMG-117	XBF145-SET	XFBA150	XBH150	CC..0602..	11.9
SK50-XBEF 200-204	D200-D280			XBF195-SET	XFBA200	XBH200		13.3
SK50-XBEF 280-204	D280-D360			XBF275-SET				15
SK50-XBEF 360-204	D360-D440			XBF355-SET				16.7
SK50-XBEF 440-204	D440-D520			XBF435-SET				18.7
SK50-XBEF 520-204	D520-D600			XBF515-SET				20.4
SK50-XBEF 600-221 LV	D600-D680	221		XBF595AL-SET				15.9
SK50-XBEF 680-221 LV	D680-D760			XBF675AL-SET				16.8
SK50-XBEF 150-254	D150-D200	254	SK50-FMG-167	XBF145-SET	XFBA150	XBH150		13.7
SK50-XBEF 200-254	D200-D280			XBF195-SET	XFBA200	XBH200		15.1
SK50-XBEF 280-254	D280-D360			XBF275-SET				16.8
SK50-XBEF 360-254	D360-D440			XBF355-SET				18.5
SK50-XBEF 440-254	D440-D520			XBF435-SET				20.5
SK50-XBEF 520-254	D520-D600			XBF515-SET				22.2
SK50-XBEF 600-271 LV	D600-D680	271		XBF595AL-SET				17.7
SK50-XBEF 680-271 LV	D680-D760			XBF675AL-SET				18.6
SK50-XBEF 150-304	D150-D200	304	SK50-FMG-217	XBF145-SET	XFBA150	XBH150		16.2
SK50-XBEF 200-304	D200-D280			XBF195-SET	XFBA200	XBH200		17.6
SK50-XBEF 280-304	D280-D360			XBF275-SET				19.3
SK50-XBEF 360-304	D360-D440			XBF355-SET				21
SK50-XBEF 440-304	D440-D520			XBF435-SET				23
SK50-XBEF 520-304	D520-D600			XBF515-SET				24.7
SK50-XBEF 600-321 LV	D600-D680	321		XBF595AL-SET				20.2
SK50-XBEF 680-321 LV	D680-D760			XBF675AL-SET				21.1
SK50-XBEF 150-354	D150-D200	354	SK50-FMG-267	XBF145-SET	XFBA150	XBH150		17.7
SK50-XBEF 200-354	D200-D280			XBF195-SET	XFBA200	XBH200		19.1
SK50-XBEF 280-354	D280-D360			XBF275-SET				20.8
SK50-XBEF 360-354	D360-D440			XBF355-SET				22.5
SK50-XBEF 440-354	D440-D520			XBF435-SET				24.5
SK50-XBEF 520-354	D520-D600			XBF515-SET				26.2
SK50-XBEF 600-371 LV	D600-D680	371		XBF595AL-SET				21.7
SK50-XBEF 680-371 LV	D680-D760			XBF675AL-SET				22.6

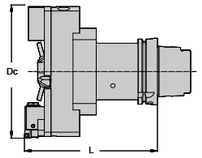


刀片型号	D mm	a°	S mm
CC..0602..	6.35	7	2.38

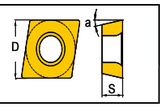
被加工材料类别	P	M	K	N
适用刀片型号	碳素/合金钢	不锈钢	铸铁	有色金属
CCMT060204-M	FCP20	FCM20	FCK20	-
CCMT060208-M	FCP20	FCM20	FCK20	-
CCGT060202	-	-	-	FCN20
CCGT060204	-	-	-	FCN20
CCGT060202	-	-	-	FCD20

大孔径精镗刀





型号	Dc mm	L mm	刀柄型号	镗桥组件	精镗刀座	平衡单元	刀片型号	重量
HSK100A-XBEF 150-204	D150-D200	204	HSK100A-FMG-117	XBF145-SET	XFBA150	XBH150	CC..0602..	11.9
HSK100A-XBEF 200-204	D200-D280			XBF195-SET	XFBA200	XBH200		13.3
HSK100A-XBEF 280-204	D280-D360			XBF275-SET				15
HSK100A-XBEF 360-204	D360-D440			XBF355-SET				16.7
HSK100A-XBEF 440-204	D440-D520			XBF435-SET				18.7
HSK100A-XBEF 520-204	D520-D600			XBF515-SET				20.4
HSK100A-XBEF 600-221 LV	D600-D680	221		XBF595AL-SET				15.9
HSK100A-XBEF 680-221 LV	D680-D760			XBF675AL-SET				16.8
HSK100A-XBEF 150-254	D150-D200	254	HSK100A-FMG-167	XBF145-SET	XFBA150	XBH150		13.7
HSK100A-XBEF 200-254	D200-D280			XBF195-SET	XFBA200	XBH200		15.1
HSK100A-XBEF 280-254	D280-D360			XBF275-SET				16.8
HSK100A-XBEF 360-254	D360-D440			XBF355-SET				18.5
HSK100A-XBEF 440-254	D440-D520			XBF435-SET				20.5
HSK100A-XBEF 520-254	D520-D600			XBF515-SET				22.2
HSK100A-XBEF 600-271 LV	D600-D680	271		XBF595AL-SET				17.7
HSK100A-XBEF 680-271 LV	D680-D760			XBF675AL-SET				18.6
HSK100A-XBEF 150-304	D150-D200	304	HSK100A-FMG-217	XBF145-SET	XFBA150	XBH150		16.2
HSK100A-XBEF 200-304	D200-D280			XBF195-SET	XFBA200	XBH200		17.6
HSK100A-XBEF 280-304	D280-D360			XBF275-SET				19.3
HSK100A-XBEF 360-304	D360-D440			XBF355-SET				21
HSK100A-XBEF 440-304	D440-D520			XBF435-SET				23
HSK100A-XBEF 520-304	D520-D600			XBF515-SET				24.7
HSK100A-XBEF 600-321 LV	D600-D680	321		XBF595AL-SET				20.2
HSK100A-XBEF 680-321 LV	D680-D760			XBF675AL-SET				21.1
HSK100A-XBEF 150-354	D150-D200	354	HSK100A-FMG-267	XBF145-SET	XFBA150	XBH150		17.7
HSK100A-XBEF 200-354	D200-D280			XBF195-SET	XFBA200	XBH200		19.1
HSK100A-XBEF 280-354	D280-D360			XBF275-SET				20.8
HSK100A-XBEF 360-354	D360-D440			XBF355-SET				22.5
HSK100A-XBEF 440-354	D440-D520			XBF435-SET				24.5
HSK100A-XBEF 520-354	D520-D600			XBF515-SET				26.2
HSK100A-XBEF 600-371 LV	D600-D680	371		XBF595AL-SET				21.7
HSK100A-XBEF 680-371 LV	D680-D760			XBF675AL-SET				22.6

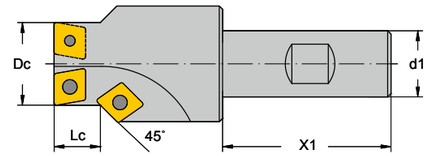


刀片型号	D mm	a°	S mm
CC..0602..	6.35	7	2.38

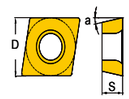
被加工材料类别	P	M	K	N
适用刀片型号	碳素/合金钢	不锈钢	铸铁	有色金属
CCMT060204-M	FCP20	FCM20	FCK20	-
CCMT060208-M	FCP20	FCM20	FCK20	-
CCGT060202	-	-	-	FCN20
CCGT060204	-	-	-	FCN20
CCGT060202	-	-	-	FCD20

螺钉沉孔粗镗刀





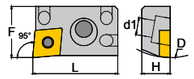
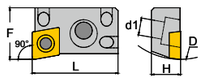
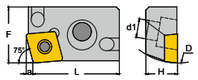
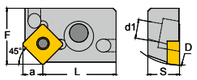
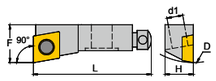
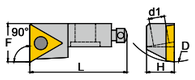
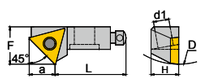
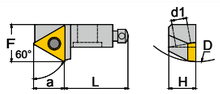
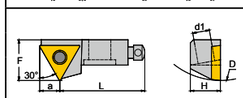
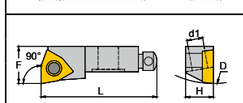
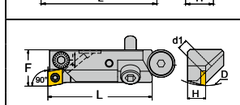
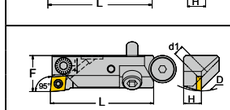
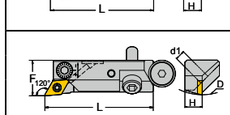
型号	适用螺钉	Dc mm	Lc mm	X1 mm	d1 mm	刀片型号
HEM16-TBB-M10.CC06	M10	18	10	49	16	CC..0602..
HEM16-TBB-M12.CC06	M12	22	12	49	16	
HEM16-TBB-M14.CC09	M14	25	14	51	20	CC..09T3..
HEM16-TBB-M16.CC09	M16	28	16	51	20	
HEM16-TBB-M18.CC09	M18	32	18	51	20	
HEM16-TBB-M20.CC12	M20	35	20	51	20	CC..1204..
HEM16-TBB-M22.CC12	M22	38	22	57	25	
HEM16-TBB-M24.CC12	M24	42	24	57	25	
HEM16-TBB-M27.CC12	M27	46	27	57	25	
HEM16-TBB-M30.CC12	M30	48	30	57	25	



刀片型号	D mm	a°	S mm
CC..0602..	6.35	7	2.38
CC..09T3..	9.525	7	3.97
CC..1204..	12.7	7	4.76

被加工材料类别	P	M	K	N
适用刀片型号	合金钢	不锈钢	铸铁	有色金属
CCMT060204-M	FCP20	FCM20	FCK20	-
CCMT060208-M	FCP20	FCM20	FCK20	-
CCGT060202	-	-	-	FCN20
CCGT060204	-	-	-	FCN20
CCGT060202	-	-	-	FCD20
CCMT09T304-M	FCP20	FCM20	FCK20	-
CCMT09T308-M	FCP20	FCM20	FCK20	-
CCGT09T302	-	-	-	FCN20
CCGT09T304	-	-	-	FCN20
CCGT09T304	-	-	-	FCD20
CCMT120404-M	FCP20	FCM20	FCK20	-
CCMT120408-M	FCP20	FCM20	FCK20	-
CCGT120404	-	-	-	FCN20
CCGT120408	-	-	-	FCN20
CCGT120404	-	-	-	FCD20

孔加工刀座

	型号	a mm	D mm	d1 mm	F mm	H mm	L mm	刀片型号	刀片锁紧螺钉	刀座调整螺钉径向	刀座调整螺钉轴向	刀座锁紧螺钉	扳手
	FCR653	-	40	6	18.3	10	30.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCL653	-	40	6	18.3	10	30.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCR655	-	48	7	22.3	12	36.3	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCL655	-	48	7	22.3	12	36.3	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TOEX20
	FCR658	-	40	6	18.3	10	30.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCL658	-	40	6	18.3	10	30.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCR659	-	48	7	22.3	12	36.3	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCL659	-	48	7	22.3	12	36.3	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCR654	2.0	40	6	18.3	10	28.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCL654	2.0	40	6	18.3	10	28.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCR656	2.8	48	7	22.3	12	33.5	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCL656	2.8	48	7	22.3	12	33.5	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCR646	6.1	40	6	18.3	10	28.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCL646	6.1	40	6	18.3	10	28.3	CC..09T3..	FCS359	FCS384	FCS384	FCS965	TORX15
	FCR650	8.3	48	7	22.3	12	33.5	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCL650	8.3	48	7	22.3	12	33.5	CC..1204..	FCS1030	FCS384	FCS384	FCS964	TORX20
	FCR670	-	14.5	3.4	8	6	25	CP..0502..	FCS1020	FCS493	FCS1023	FCS1024	TORX07
	FCL670	-	14.5	3.4	8	6	25	CP..0502..	FCS1020	FCS493	FCS1023	FCS1024	TORX07
	FCR671	-	20	3.4	9.7	6	25	CC..0602..	FCS924	FCS493	FCS1023	FCS1024	TORX08
	FCL671	-	20	3.4	9.7	6	25	CC..0602..	FCS924	FCS493	FCS1023	FCS1024	TORX08
													
	FCR672	-	20	4.5	11	8	28	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
	FCL672	-	20	4.5	11	8	28	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
													
	FCR673	7.4	20	4.5	10.8	8	22.8	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
	FCL673	7.4	20	4.5	10.8	8	22.8	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
													
	FCR674	9.1	20	1.5	11	8	18.9	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
	FCL674	9.1	20	1.5	11	8	18.9	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
													
	FCR675	5.2	20	4.5	10.8	8	22.8	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
	FCL675	5.2	20	4.5	10.8	8	22.8	TC..1102..	FCS924	FCS493	FCS1023	FCS1025	TORX08
													
	FCR679	-	14.5	3.4	8	6	25	WC..0302..	FCS1020	FCS493	FCS1023	FCS1024	TORX07
	FCR680	-	20	3.4	9.7	6	25	WC..0402..	FCS924	FCS493	FCS1023	FCS1024	TORX08
													
	SCFCL09CA06-FB	-	28	4.5	15.9	8.5	45.5	CC..0602..	FCS924	-	-	FCS1354	TORX08
	SCFCR09CA06-FB	-	28	4.5	15.9	8.5	45.5	CC..0602..	FCS924	-	-	FCS1354	TORX08
													
	SCLCL09CA06-FB	-	28	4.5	15.9	8.5	45.5	CC..0602..	FCS924	-	-	FCS1354	TORX08
	SCLCR09CA06-FB	-	28	4.5	15.9	8.5	45.5	CC..0602..	FCS924	-	-	FCS1354	TORX08
													
	SDLCL09CA07-FB	-	28	4.5	15.9	8.5	48.6	DC..0702..	FCS924	-	-	FCS1354	TORX08
	SDLCR09CA07-FB	-	28	4.5	15.9	8.5	48.6	DC..0702..	FCS924	-	-	FCS1354	TORX08

刀具推荐切削参数

Vc [m/min]

刀具型号		浅孔钻-3xDc-WC			浅孔钻-3xDc-WC							整硬钻-3xDc 复合45° 倒角			
直径		Vc	20-30	>30	Vc	15.8-20.4	20.5-30.4	>30.4	15.8-20.4	20.5-30.4	>30.4	Vc	5-7	7.1-11	11.1-16
刀片类别						P28467/P28477			P28469/P29479/P28475						
P	非合金钢	200	0.08	0.10	200	0.07	0.08	0.10	0.08	0.10	0.14	-	-	-	-
	低合金钢	190	0.08	0.10	190	0.07	0.08	0.10	0.07	0.08	0.12	-	-	-	-
	工具钢	140	0.07	0.10	140	0.05	0.07	0.10	0.08	0.10	0.14	-	-	-	-
	马氏体不锈钢	140	0.08	0.10	140	0.06	0.08	0.10	0.07	0.09	0.10	-	-	-	-
M	奥氏体不锈钢	180	0.08	0.10	180	0.06	0.08	0.10	0.07	0.09	0.10	-	-	-	-
K	灰口铸铁	180	0.10	0.16	180	0.08	0.10	0.16	0.08	0.10	0.16	100	0.16	0.22	0.27
	球墨铸铁	140	0.10	0.16	140	0.08	0.10	0.16	0.08	0.10	0.16	85	0.16	0.22	0.27
	可锻铸铁	180	0.10	0.16	180	0.08	0.10	0.16	0.08	0.10	0.16	85	0.16	0.22	0.27
N	铝合金	300	0.10	0.14	300	-	-	-	0.08	0.10	0.14	200	0.22	0.27	0.34
	铜合金	300	0.10	0.14	300	-	-	-	0.08	0.10	0.14	105	0.22	0.27	0.34
	非金属材料	300	0.10	0.14	300	-	-	-	0.08	0.10	0.14	100	0.25	0.28	0.32

刀具型号		扩孔镗刀			
直径		Vc	<44	44-73	>73
刀片类别					
P	非合金钢	200	0.13	0.19	0.32
	低合金钢	190	0.13	0.19	0.32
	工具钢	140	0.11	0.16	0.24
	马氏体不锈钢	140	0.10	0.13	0.19
M	奥氏体不锈钢	180	0.10	0.13	0.19
K	灰口铸铁	180	0.13	0.19	0.24
	球墨铸铁	140	0.13	0.19	0.24
	可锻铸铁	180	0.13	0.19	0.24
N	铝合金	300	0.24	0.30	0.40
	铜合金	300	0.24	0.30	0.40
	非金属材料	300	0.24	0.30	0.40

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