

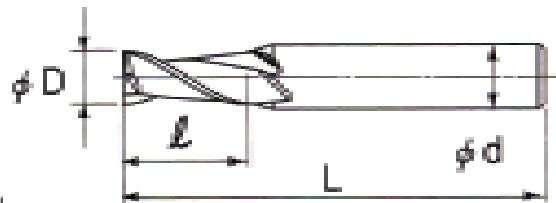


รหัสสินค้า	TiAlN CARBIDE	D	d (h6)	ℓ	L	อัน / บาท
EU-0101010	3001MA010	1.0	4.0	3.0	50.0	630
EU-0101015	3001MA015	1.5	4.0	4.0	50.0	630
EU-0101020	3001MA020	2.0	4.0	6.0	50.0	630
EU-0101025	3001MA025	2.5	4.0	8.0	50.0	630
EU-0101030	3001MA030	3.0	4.0	9.0	50.0	630
EU-0101040	3001MA040	4.0	4.0	11.0	50.0	630
EU-0101050	3001MA050	5.0	6.0	13.0	50.0	860
EU-0101060	3001MA060	6.0	6.0	16.0	50.0	860
EU-0101070	3001MA070	7.0	8.0	16.0	60.0	1,370
EU-0101080	3001MA080	8.0	8.0	19.0	60.0	1,370
EU-0101090	3001MA090	9.0	10.0	19.0	60.0	2,140
EU-0101100	3001MA100	10.0	10.0	25.0	75.0	2,140
EU-0101120	3001MA120	12.0	12.0	30.0	75.0	2,690
EU-0101140	3001MA140	14.0	14.0	32.0	75.0	3,510
EU-0101160	3001MA160	16.0	16.0	32.0	100.0	4,000
EU-0101180	3001MA180	18.0	18.0	32.0	100.0	5,100
EU-0101200	3001MA200	20.0	20.0	38.0	100.0	6,350

ดู Table of Cutting Condition # 1

	Tolerance range in μ m				
	Nominal Diameter in μ m				
	14-19	20-24	25-29	30-34	35-39
es	14	20	-25	-22	-10
	-28	-36	-47	-56	-73
hd	0	0	0	0	0
	-5	-8	-9	-11	-13

$\mu = 1/1000\text{mm}$



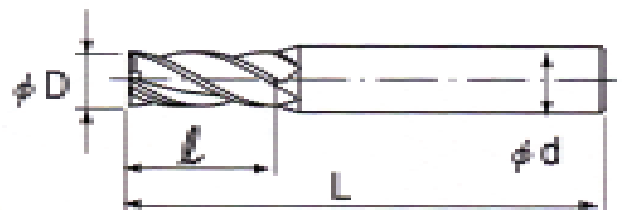
Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	◎	○			◎	◎	◎	◎	○	



รหัสสินค้า	TiAlN CARBIDE	D (e8)	d (h6)	ℓ	L	อัน / บาท
EU-0102010	3041MA010	1.0	4.0	3.0	50.0	630
EU-0102015	3041MA015	1.5	4.0	4.0	50.0	630
EU-0102020	3041MA020	2.0	4.0	6.0	50.0	630
EU-0102025	3041MA025	2.5	4.0	8.0	50.0	630
EU-0102030	3041MA030	3.0	4.0	9.0	50.0	630
EU-0102040	3041MA040	4.0	4.0	11.0	50.0	630
EU-0102050	3041MA050	5.0	6.0	13.0	50.0	860
EU-0102060	3041MA060	6.0	6.0	16.0	50.0	860
EU-0102070	3041MA070	7.0	8.0	16.0	60.0	1,370
EU-0102080	3041MA080	8.0	8.0	19.0	60.0	1,370
EU-0102090	3041MA090	9.0	10.0	19.0	60.0	2,140
EU-0102100	3041MA100	10.0	10.0	25.0	75.0	2,140
EU-0102120	3041MA120	12.0	12.0	30.0	75.0	2,690
EU-0102140	3041MA140	14.0	14.0	32.0	75.0	3,510
EU-0102160	3041MA160	16.0	16.0	32.0	100.0	4,000
EU-0102180	3041MA180	18.0	18.0	32.0	100.0	5,100
EU-0102200	3041MA200	20.0	20.0	38.0	100.0	6,350

ดู Table of Cutting Condition # 2

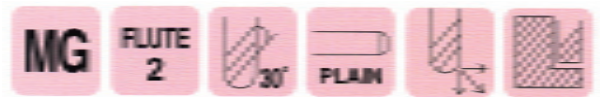
Tolerance range in μ m	
Nominal Diameter in μ m	
	0 to 300
e8	±14
h6	±9



1:1000

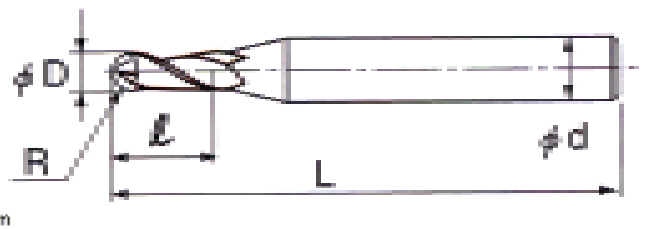
Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	◎	○			◎	◎	◎	◎	○	

2 FLUTE, BALL NOSE, REGULAR LENGTH, **TiAlN** COATED



รหัสสินค้า	TiAlN CARBIDE	R ±0.02	D (e8)	d (h6)	ℓ	L	อัน / บาท
EU-0103010	3051MA010	0.5	1.0	4.0	2.0	50	900
EU-0103015	3051MA015	0.8	1.5	4.0	3.0	50	900
EU-0103020	3051MA020	1.0	2.0	4.0	4.0	50	900
EU-0103025	3051MA025	1.3	2.5	4.0	6.0	50	900
EU-0103030	3051MA030	1.5	3.0	4.0	6.0	50	900
EU-0103901	3051MA901	1.5	* 3.0	6.0	8.0	60	1,130
EU-0103040	3051MA040	2.0	4.0	4.0	8.0	50	900
EU-0103902	3051MA902	2.0	* 4.0	6.0	8.0	70	1,250
EU-0103050	3051MA050	2.5	5.0	6.0	10.0	50	1,130
EU-0103903	3051MA903	2.5	* 5.0	6.0	10.0	80	1,250
EU-0103060	3051MA060	3.0	6.0	6.0	12.0	50	1,130
EU-0103904	3051MA904	3.0	* 6.0	6.0	12.0	90	1,380
EU-0103080	3051MA080	4.0	8.0	8.0	14.0	60	1,650
EU-0103905	3051MA905	4.0	* 8.0	8.0	14.0	90	1,930
EU-0103100	3051MA100	5.0	10.0	10.0	18.0	75	2,420
EU-0103906	3051MA906	5.0	* 10.0	10.0	18.0	100	2,700
EU-0103120	3051MA120	6.0	12.0	12.0	22.0	75	3,240
EU-0103907	3051MA907	6.0	* 12.0	12.0	22.0	110	3,760
EU-0103140	3051MA140	7.0	14.0	14.0	32.0	75	4,200
EU-0103160	3051MA160	8.0	16.0	16.0	32.0	100	4,750
EU-0103180	3051MA180	9.0	18.0	18.0	32.0	100	5,750
EU-0103200	3051MA200	10.0	20.0	20.0	38.0	100	7,150

Tolerance range in μm	
Nominal Diameter in mm	
	over 10 to 30
e8	14
e7	20
e6	25
e5	30
e4	35
e3	40
e2	45
e1	50
e0	55
e-1	60
e-2	65
e-3	70
e-4	75
e-5	80
e-6	85
e-7	90
e-8	95
e-9	100
e-10	105
e-11	110
e-12	115
e-13	120



Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	◎	○			◎	◎	◎	◎	○	

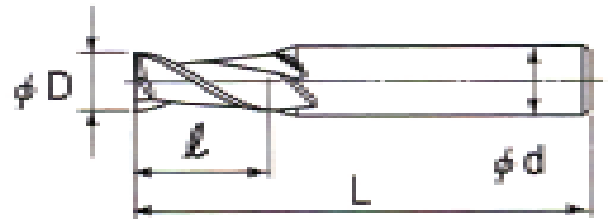
2 FLUTE, REGULAR END MILLS, PLAIN SHANK



รหัสสินค้า	M42 HSS Co8	D	d (h6)	ℓ	L	อื่น / บาท
EU-0201010	200102010	1.0	6.0	2.5	55.0	400
EU-0201015	200102015	1.5	6.0	4.0	55.0	380
EU-0201020	200102020	2.0	6.0	6.0	55.0	300
EU-0201025	200102025	2.5	6.0	7.0	55.0	300
EU-0201030	200102030	3.0	6.0	10.0	55.0	300
EU-0201035	200102035	3.5	8.0	12.0	60.0	330
EU-0201903	200102903	* 4.0	6.0	12.0	55.0	300
EU-0201040	200102040	4.0	8.0	12.0	60.0	330
EU-0201045	200102045	4.5	8.0	15.0	65.0	-
EU-0201905	200102905	* 5.0	6.0	15.0	60.0	300
EU-0201050	200102050	5.0	8.0	15.0	65.0	330
EU-0201055	200102055	5.5	8.0	15.0	65.0	330
EU-0201907	200102907	* 6.0	6.0	15.0	60.0	300
EU-0201060	200102060	6.0	8.0	15.0	65.0	330
EU-0201065	200102065	6.5	10.0	20.0	75.0	380
EU-0201909	200102909	* 7.0	8.0	20.0	70.0	340
EU-0201070	200102070	7.0	10.0	20.0	75.0	380
EU-0201075	200102075	7.5	10.0	20.0	75.0	380
EU-0201911	200102911	* 8.0	8.0	20.0	70.0	340
EU-0201080	200102080	8.0	10.0	21.0	75.0	380
EU-0201085	200102085	8.5	10.0	25.0	80.0	410
EU-0201090	200102090	9.0	10.0	25.0	80.0	410
EU-0201095	200102095	9.5	10.0	25.0	80.0	410
EU-0201100	200102100	10.0	10.0	26.0	80.0	410
EU-0201105	200102105	10.5	12.0	30.0	90.0	570
EU-0201110	200102110	11.0	12.0	30.0	90.0	570
EU-0201115	200102115	11.5	12.0	30.0	90.0	570
EU-0201120	200102120	12.0	12.0	31.0	90.0	570
EU-0201130	200102130	13.0	12.0	35.0	95.0	810
EU-0201916	200102916	* 14.0	12.0	35.0	95.0	880
EU-0201140	200102140	14.0	16.0	35.0	100.0	880
EU-0201150	200102150	15.0	16.0	40.0	105.0	880
EU-0201160	200102160	16.0	16.0	40.0	105.0	880
EU-0201170	200102170	17.0	16.0	40.0	105.0	1,040
EU-0201180	200102180	18.0	16.0	40.0	105.0	1,040
EU-0201190	200102190	19.0	20.0	45.0	115.0	1,240
EU-0201200	200102200	20.0	20.0	45.0	115.0	1,240

รหัสสินค้า	M42 HSS Co8	D	d (h6)	ℓ	L	อื่น / บาท
EU-0201210	200102210	21.0	20.0	45.0	115.0	1,380
EU-0201220	200102220	22.0	20.0	45.0	115.0	1,380
EU-0201230	200102230	23.0	25.0	50.0	125.0	1,980
EU-0201240	200102240	24.0	25.0	50.0	125.0	1,980
EU-0201250	200102250	25.0	25.0	50.0	125.0	1,980
EU-0201260	200102260	26.0	25.0	50.0	125.0	2,200
EU-0201270	200102270	27.0	25.0	55.0	125.0	2,360
EU-0201280	200102280	28.0	25.0	55.0	125.0	2,550
EU-0201290	200102290	29.0	25.0	55.0	125.0	2,950
EU-0201300	200102300	30.0	25.0	55.0	125.0	2,950
EU-0201310	200102310	31.0	32.0	60.0	145.0	-
EU-0201320	200102320	32.0	32.0	60.0	145.0	-
EU-0201330	200102330	33.0	32.0	60.0	145.0	-
EU-0201340	200102340	34.0	32.0	60.0	145.0	-
EU-0201350	200102350	35.0	32.0	60.0	145.0	-
EU-0201360	200102360	36.0	32.0	65.0	150.0	-
EU-0201370	200102370	37.0	32.0	65.0	150.0	-
EU-0201380	200102380	38.0	32.0	65.0	150.0	-
EU-0201390	200102390	39.0	32.0	65.0	150.0	-
EU-0201400	200102400	40.0	32.0	65.0	150.0	-
EU-0201420	200102420	42.0	42.0	70.0	160.0	-
EU-0201450	200102450	45.0	42.0	70.0	160.0	-
EU-0201460	200102460	46.0	42.0	75.0	160.0	-
EU-0201480	200102480	48.0	42.0	75.0	165.0	-
EU-0201500	200102500	50.0	42.0	75.0	165.0	-

ดู Table of Cutting Condition # 3



Unit : mm

	MILL DIAMETER				OTHER SIZE
	• 6	• 8	• 10	• 12	
TOLERANCE	0 -0.025	0 0.040	0 -0.040	0 -0.045	0 -0.070

Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
○	○	○	○				○	○	○	○		

4 FLUTE. REGULAR END MILLS, PLAIN SHANK (Center Cutting)

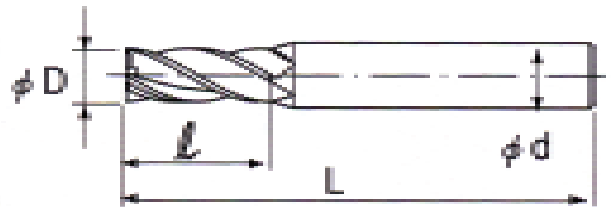


รหัสสินค้า	M42 HSS Co8	d (h6)	D	ℓ	L	อัน / บาท
EU-0203010	207102010	6.0	1.0	2.5	55.0	-
EU-0203015	207102015	6.0	1.5	4.0	55.0	380
EU-0203020	207102020	6.0	2.0	6.0	55.0	300
EU-0203025	207102025	6.0	2.5	7.0	55.0	300
EU-0203030	207102030	6.0	3.0	10.0	55.0	300
EU-0203035	207102035	8.0	3.5	12.0	60.0	330
EU-0203902	207102902	*6.0	4.0	12.0	55.0	300
EU-0203040	207102040	8.0	4.0	12.0	60.0	330
EU-0203045	207102045	8.0	4.5	15.0	65.0	330
EU-0203904	207102904	*6.0	5.0	15.0	60.0	300
EU-0203050	207102050	8.0	5.0	15.0	65.0	330
EU-0203055	207102055	8.0	5.5	15.0	65.0	330
EU-0203906	207102906	*6.0	6.0	15.0	60.0	300
EU-0203060	207102060	8.0	6.0	15.0	65.0	330
EU-0203065	207102065	10.0	6.5	20.0	75.0	-
EU-0203907	207102907	*8.0	7.0	20.0	70.0	335
EU-0203070	207102070	10.0	7.0	20.0	75.0	380
EU-0203075	207102075	10.0	7.5	20.0	75.0	-
EU-0203910	207102910	*8.0	8.0	20.0	70.0	335
EU-0203080	207102080	10.0	8.0	20.0	75.0	380
EU-0203085	207102085	10.0	8.5	25.0	80.0	-
EU-0203090	207102090	10.0	9.0	25.0	80.0	410
EU-0203095	207102095	10.0	9.5	25.0	80.0	410
EU-0203100	207102100	10.0	10.0	25.0	80.0	410
EU-0203105	207102105	12.0	10.5	30.0	90.0	-
EU-0203110	207102110	12.0	11.0	30.0	90.0	570
EU-0203115	207102115	12.0	11.5	30.0	90.0	-
EU-0203120	207102120	12.0	12.0	30.0	90.0	570
EU-0203130	207102130	12.0	13.0	35.0	95.0	810

รหัสสินค้า	M42 HSS Co8	D	d (h6)	ℓ	L	อัน / บาท
EU-0203140	207202140	14.0	16.0	35.0	90.0	880
EU-0203150	207202150	15.0	16.0	40.0	95.0	880
EU-0203160	207202160	16.0	16.0	40.0	95.0	880
EU-0203170	207202170	17.0	16.0	40.0	95.0	1,040
EU-0203180	207202180	18.0	16.0	40.0	95.0	1,040
EU-0203190	207202190	19.0	20.0	45.0	110.0	1,240
EU-0203200	207202200	20.0	20.0	45.0	110.0	1,240
EU-0203210	207202210	21.0	20.0	45.0	110.0	1,380
EU-0203220	207202220	22.0	20.0	45.0	110.0	1,380
EU-0203230	207202230	23.0	25.0	50.0	120.0	1,980
EU-0203240	207202240	24.0	25.0	50.0	120.0	1,980
EU-0203250	207202250	25.0	25.0	50.0	120.0	1,980
EU-0203260	207202260	26.0	25.0	50.0	120.0	2,200
EU-0203270	207202270	27.0	25.0	55.0	125.0	2,360
EU-0203280	207202280	28.0	25.0	55.0	125.0	2,550
EU-0203290	207202290	29.0	25.0	55.0	125.0	2,950
EU-0203300	207202300	30.0	25.0	55.0	125.0	2,950
EU-0203310	207202720	31.0	32.0	60.0	145.0	3,800
EU-0203320	207202320	32.0	32.0	60.0	145.0	3,800
EU-0203330	207202330	33.0	32.0	60.0	145.0	-
EU-0203340	207202340	34.0	32.0	60.0	145.0	-
EU-0203350	207202350	35.0	32.0	60.0	145.0	-
EU-0203360	207202360	36.0	32.0	65.0	150.0	-
EU-0203370	207202370	37.0	32.0	65.0	150.0	-
EU-0203380	207202380	38.0	32.0	65.0	150.0	-
EU-0203390	207202390	39.0	32.0	65.0	150.0	-
EU-0203400	207202400	40.0	32.0	65.0	150.0	-

ดู Table of Cutting Condition # 4

Tolerance range in μm						
Nominal Diameter in mm						
WILL DIA	0-10	10-18	18-30	30-50	50-80	80-100
TOLERANCE	±0.012	±0.015	±0.020	±0.025	±0.030	±0.035
h6	±0.007	±0.009	±0.012	±0.015	±0.018	±0.021



Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
○	○	○	○				○	○	○	○		

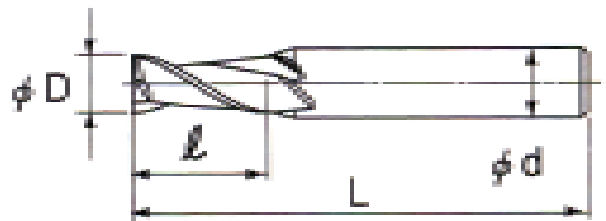
2 FLUTE, REGULAR END MILLS, PLAIN SHANK, TiCN COATED



รหัสสินค้า	TiCN HSS Co8	D	d (h6)	ℓ	L	อัน / บาท
EU-0202010	200107010	1.0	6.0	2.5	55.0	590
EU-0202015	200107015	1.5	6.0	4.0	55.0	560
EU-0202020	200107020	2.0	6.0	6.0	55.0	475
EU-0202025	200107025	2.5	6.0	7.0	55.0	475
EU-0202030	200107030	3.0	6.0	10.0	55.0	475
EU-0202035	200107035	3.5	8.0	12.0	60.0	560
EU-0202903	200107903	*4.0	6.0	12.0	55.0	475
EU-0202040	200107040	4.0	8.0	12.0	60.0	560
EU-0202045	200107045	4.5	8.0	15.0	65.0	560
EU-0202905	200107905	*5.0	6.0	15.0	60.0	475
EU-0202050	200107050	5.0	8.0	15.0	65.0	560
EU-0202055	200107055	5.5	8.0	15.0	65.0	560
EU-0202907	200107907	*6.0	6.0	15.0	60.0	490
EU-0202060	200107060	6.0	8.0	15.0	65.0	560
EU-0202065	200107065	6.5	10.0	20.0	75.0	630
EU-0202909	200107909	*7.0	8.0	20.0	70.0	560
EU-0202070	200107070	7.0	10.0	20.0	75.0	630
EU-0202075	200107075	7.5	10.0	20.0	75.0	630
EU-0202911	200107911	*8.0	8.0	20.0	70.0	560
EU-0202080	200107080	8.0	10.0	21.0	75.0	630
EU-0202085	200107085	8.5	10.0	25.0	80.0	710
EU-0202090	200107090	9.0	10.0	25.0	80.0	710
EU-0202095	200107095	9.5	10.0	25.0	80.0	710
EU-0202100	200107100	10.0	10.0	26.0	80.0	710
EU-0202105	200107105	10.5	12.0	30.0	90.0	970
EU-0202110	200107110	11.0	12.0	30.0	90.0	970
EU-0202115	200107115	11.5	12.0	30.0	90.0	970
EU-0202120	200107120	12.0	12.0	31.0	90.0	970
EU-0202130	200107130	13.0	12.0	35.0	95.0	-
EU-0202916	200107916	14.0	12.0	35.0	95.0	-
EU-0202140	200107140	14.0	16.0	35.0	100.0	1,450
EU-0202150	200107150	15.0	16.0	40.0	105.0	1,450
EU-0202160	200107160	16.0	16.0	40.0	105.0	1,450
EU-0202170	200107170	17.0	16.0	40.0	105.0	1,660
EU-0202180	200107180	18.0	16.0	40.0	105.0	1,700
EU-0202190	200107190	19.0	20.0	45.0	115.0	2,020
EU-0202200	200107200	20.0	20.0	45.0	115.0	2,020

รหัสสินค้า	TiCN HSS Co8	D	d (h6)	ℓ	L	อัน / บาท
EU-0202210	200107210	21.0	20.0	45.0	115.0	2,250
EU-0202220	200107220	22.0	20.0	45.0	115.0	-
EU-0202230	200107230	23.0	25.0	50.0	125.0	3,150
EU-0202240	200107240	24.0	25.0	50.0	125.0	3,150
EU-0202250	200107250	25.0	25.0	50.0	125.0	3,150
EU-0202260	200107260	26.0	25.0	50.0	125.0	3,450
EU-0202270	200107270	27.0	25.0	55.0	125.0	3,700
EU-0202280	200107280	28.0	25.0	55.0	125.0	4,000
EU-0202290	200107290	29.0	25.0	55.0	125.0	4,500
EU-0202300	200107300	30.0	25.0	55.0	125.0	4,600
EU-0202310	200107310	31.0	32.0	60.0	145.0	-
EU-0202320	200107320	32.0	32.0	60.0	145.0	-
EU-0202330	200107330	33.0	32.0	60.0	145.0	-
EU-0202340	200107340	34.0	32.0	60.0	145.0	-
EU-0202350	200107350	35.0	32.0	60.0	145.0	-
EU-0202360	200107360	36.0	32.0	65.0	150.0	-
EU-0202370	200107370	37.0	32.0	65.0	150.0	-
EU-0202380	200107380	38.0	32.0	65.0	150.0	-
EU-0202390	200107390	39.0	32.0	65.0	150.0	-
EU-0202400	200107400	40.0	32.0	65.0	150.0	-
EU-0202420	200107420	42.0	42.0	70.0	160.0	-
EU-0202450	200107450	45.0	42.0	70.0	160.0	-
EU-0202460	200107460	46.0	42.0	75.0	160.0	-
EU-0202480	200107480	48.0	42.0	75.0	165.0	-
EU-0202500	200107500	50.0	42.0	75.0	165.0	-

ดู Table of Cutting Condition # 3



Unit : mm

TOLERANCE	MIT DIA-METER				OTHER DIA
	• 6	• 8	• 10	• 12	
	0 -0.035	0 0.040	0 -0.040	0 -0.045	0 -0.050

Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	○				◎	◎	◎	◎		

4 FLUTE, REGULAR END MILLS, PLAIN SHANK, TiCN COATED (Center Cutting)

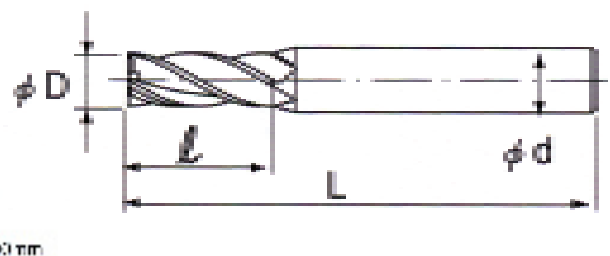


รหัสสินค้า	TiCN HSS Co8	D	d (h6)	ℓ	L	อัน / บาท
EU-0204010	207107010	1.0	6.0	2.5	55.0	-
EU-0204015	207107015	1.5	6.0	4.0	55.0	560
EU-0204020	207107020	2.0	6.0	6.0	55.0	480
EU-0204025	207107025	2.5	6.0	7.0	55.0	480
EU-0204030	207107030	3.0	6.0	10.0	55.0	480
EU-0204035	207107035	3.5	8.0	12.0	60.0	560
EU-0204902	207107902	*4.0	6.0	12.0	55.0	480
EU-0204040	207107040	4.0	8.0	12.0	60.0	560
EU-0204045	207107045	4.5	8.0	15.0	65.0	560
EU-0204904	207107904	*5.0	6.0	15.0	60.0	490
EU-0204050	207107050	5.0	8.0	15.0	65.0	560
EU-0204055	207107055	5.5	8.0	15.0	65.0	560
EU-0204906	207107906	*6.0	6.0	15.0	60.0	490
EU-0204060	207107060	6.0	8.0	15.0	65.0	560
EU-0204065	207107065	6.5	10.0	20.0	75.0	-
EU-0204907	207107907	*7.0	8.0	20.0	70.0	560
EU-0204070	207107070	7.0	10.0	20.0	75.0	630
EU-0204075	207107075	7.5	10.0	20.0	75.0	-
EU-0204910	207107910	*8.0	8.0	20.0	70.0	560
EU-0204080	207107080	8.0	10.0	20.0	75.0	630
EU-0204085	207107085	8.5	10.0	25.0	80.0	-
EU-0204090	207107090	9.0	10.0	25.0	80.0	710
EU-0204095	207107095	9.5	10.0	25.0	80.0	710
EU-0204100	207107100	10.0	10.0	25.0	80.0	710
EU-0204105	207107105	10.5	12.0	30.0	90.0	-
EU-0204110	207107110	11.0	12.0	30.0	90.0	970
EU-0204115	207107115	11.5	12.0	30.0	90.0	-
EU-0204120	207107120	12.0	12.0	30.0	90.0	970
EU-0204130	207107130	13.0	12.0	35.0	95.0	1,240

รหัสสินค้า	TiCN HSS Co8	D	d (h6)	ℓ	L	อัน / บาท
EU-0204140	207207140	14.0	16.0	35.0	90.0	1,450
EU-0204150	207207150	15.0	16.0	40.0	95.0	1,450
EU-0204160	207207160	16.0	16.0	40.0	95.0	1,450
EU-0204170	207207170	17.0	16.0	40.0	95.0	1,660
EU-0204180	207207180	18.0	16.0	40.0	95.0	1,700
EU-0204190	207207190	19.0	20.0	45.0	110.0	2,020
EU-0204200	207207200	20.0	20.0	45.0	110.0	-
EU-0204210	207207210	21.0	20.0	45.0	110.0	2,210
EU-0204220	207207220	22.0	20.0	45.0	110.0	2,300
EU-0204230	207207230	23.0	25.0	50.0	120.0	3,150
EU-0204240	207207240	24.0	25.0	50.0	120.0	3,150
EU-0204250	207207250	25.0	25.0	50.0	120.0	3,150
EU-0204260	207207260	26.0	25.0	50.0	120.0	-
EU-0204270	207207270	27.0	25.0	55.0	125.0	3,700
EU-0204280	207207280	28.0	25.0	55.0	125.0	-
EU-0204290	207207290	29.0	25.0	55.0	125.0	-
EU-0204300	207207300	30.0	25.0	55.0	125.0	4,600
EU-0204310	207207310	31.0	32.0	60.0	145.0	-
EU-0204320	207207320	32.0	32.0	60.0	145.0	5,700
EU-0204330	207207330	33.0	32.0	60.0	145.0	-
EU-0204340	207207340	34.0	32.0	60.0	145.0	-
EU-0204350	207207350	35.0	32.0	60.0	145.0	-
EU-0204360	207207360	36.0	32.0	65.0	150.0	-
EU-0204370	207207370	37.0	32.0	65.0	150.0	-
EU-0204380	207207380	38.0	32.0	65.0	150.0	-
EU-0204390	207207390	39.0	32.0	65.0	150.0	-
EU-0204400	207207400	40.0	32.0	65.0	150.0	-

ดู Table of Cutting Condition # 4

Tolerance range in μm						
Nominal Diameter in mm						
h6	0	3	6	11	18	30

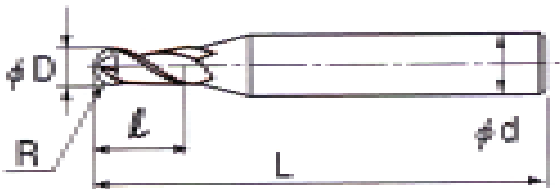


Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	○				◎	◎	◎	◎		

2 FLUTE, REGULAR BALL NOSE END MILLS, PLAIN SHANK



รหัสสินค้า	Code No. HSS Co8	R	D	d (h6)	ℓ	L	อัน / บาท
EU-0205010	214102010	0.5	1.0	6.0	2.5	50.0	740
EU-0205015	214102015	0.75	1.5	6.0	4.0	50.0	770
EU-0205020	214102020	1.0	2.0	6.0	5.0	50.0	635
EU-0205025	214102025	1.25	2.5	6.0	6.0	60.0	700
EU-0205030	214102030	1.5	3.0	6.0	8.0	60.0	560
EU-0205901	214102901	2.0	4.0	6.0	8.0	70.0	560
EU-0205902	214102902	2.5	5.0	6.0	10.0	80.0	560
EU-0205903	214102903	3.0	6.0	6.0	12.0	90.0	560
EU-0205904	214102904	3.5	7.0	8.0	14.0	90.0	635
EU-0205905	214102905	4.0	8.0	8.0	14.0	100.0	580
EU-0205090	214102090	4.5	9.0	10.0	18.0	100.0	670
EU-0205100	214102100	5.0	10.0	10.0	18.0	100.0	610
EU-0205110	214102110	5.5	11.0	12.0	22.0	100.0	880
EU-0205120	214102120	6.0	12.0	12.0	22.0	110.0	800
EU-0205130	214102130	6.5	13.0	12.0	26.0	110.0	1,200
EU-0205906	214102906	7.0	14.0	12.0	26.0	110.0	1,240
EU-0205907	214102907	7.5	15.0	12.0	30.0	110.0	1,330
EU-0205160	214102160	8.0	16.0	16.0	30.0	140.0	1,240
EU-0205170	214102170	8.5	17.0	16.0	34.0	140.0	-
EU-0205180	214102180	9.0	18.0	16.0	34.0	140.0	1,370
EU-0205190	214102190	9.5	19.0	16.0	38.0	140.0	1,700
EU-0205200	214102200	10.0	20.0	20.0	38.0	160.0	1,550
EU-0205250	214102250	12.5	25.0	25.0	50.0	180.0	2,400



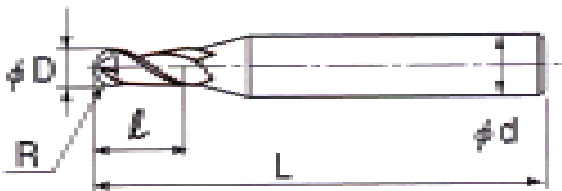
Tolerance range in μm						
Nominal Diameter in mm						
Mill Dia	0 - 1.5	1.5 - 3	3 - 5	5 - 10	10 - 18	18 - 30
h6	0 - 5	0 - 6	0 - 7	0 - 11	0 - 13	0 - 16

Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
○	○	○	○				○	○	○	○		

2 FLUTE, REGULAR BALL NOSE END MILLS, PLAIN SHANK, TiN COATED



รหัสสินค้า	TiN HSS Co8	R	D	d (h6)	ℓ	L	อื่น / บาท
EU-0206010	214105010	0.5	1.0	6.0	2.5	50.0	840
EU-0206015	214105015	0.75	1.5	6.0	4.0	50.0	890
EU-0206020	214105020	1.0	2.0	6.0	5.0	50.0	740
EU-0206025	214105025	1.25	2.5	6.0	6.0	60.0	870
EU-0206030	214105030	1.5	3.0	6.0	8.0	60.0	670
EU-0206901	214105901	2.0	4.0	6.0	8.0	70.0	670
EU-0206902	214105902	2.5	5.0	6.0	10.0	80.0	670
EU-0206903	214105903	3.0	6.0	6.0	12.0	90.0	700
EU-0206904	214105904	3.5	7.0	8.0	14.0	90.0	880
EU-0206905	214105905	4.0	8.0	8.0	14.0	100.0	770
EU-0206090	214105090	4.5	9.0	10.0	18.0	100.0	960
EU-0206100	214105100	5.0	10.0	10.0	18.0	100.0	825
EU-0206110	214105110	5.5	11.0	12.0	22.0	100.0	-
EU-0206120	214105120	6.0	12.0	12.0	22.0	110.0	1,080
EU-0206130	214105130	6.5	13.0	12.0	26.0	110.0	1,600
EU-0206906	214105906	7.0	14.0	12.0	26.0	110.0	1,550
EU-0206907	214105907	7.5	15.0	12.0	30.0	110.0	1,820
EU-0206160	214105160	8.0	16.0	16.0	30.0	140.0	1,630
EU-0206170	214105170	8.5	17.0	16.0	34.0	140.0	-
EU-0206180	214105180	9.0	18.0	16.0	34.0	140.0	1,850
EU-0206190	214105190	9.5	19.0	16.0	38.0	140.0	-
EU-0206200	214105200	10.0	20.0	20.0	38.0	160.0	2,120
EU-0206250	214105250	12.5	25.0	25.0	50.0	180.0	3,200



Tolerance range in μ						
Nominal Diameter in mm						
Mill Dia	0 - 5	6 - 10	11 - 18	19 - 30	31 - 50	51 - 80
Tolerance	±0.010	±0.012	±0.015	±0.018	±0.020	±0.025
h6	0 - 5	6 - 10	11 - 18	19 - 30	31 - 50	51 - 80

Work Material Selection												
Carbon Steel	Alloy Steel - Tool Steel	Pre-hardened Steel	Hardened Steel				Cast Iron	Stainless Steel	Aluminium Alloy	Titanium Alloy	Copper Alloy	Graphite
			~40HRC	~50HRC	~60HRC	60HRC~						
◎	◎	◎	○				◎	◎	◎	◎		