

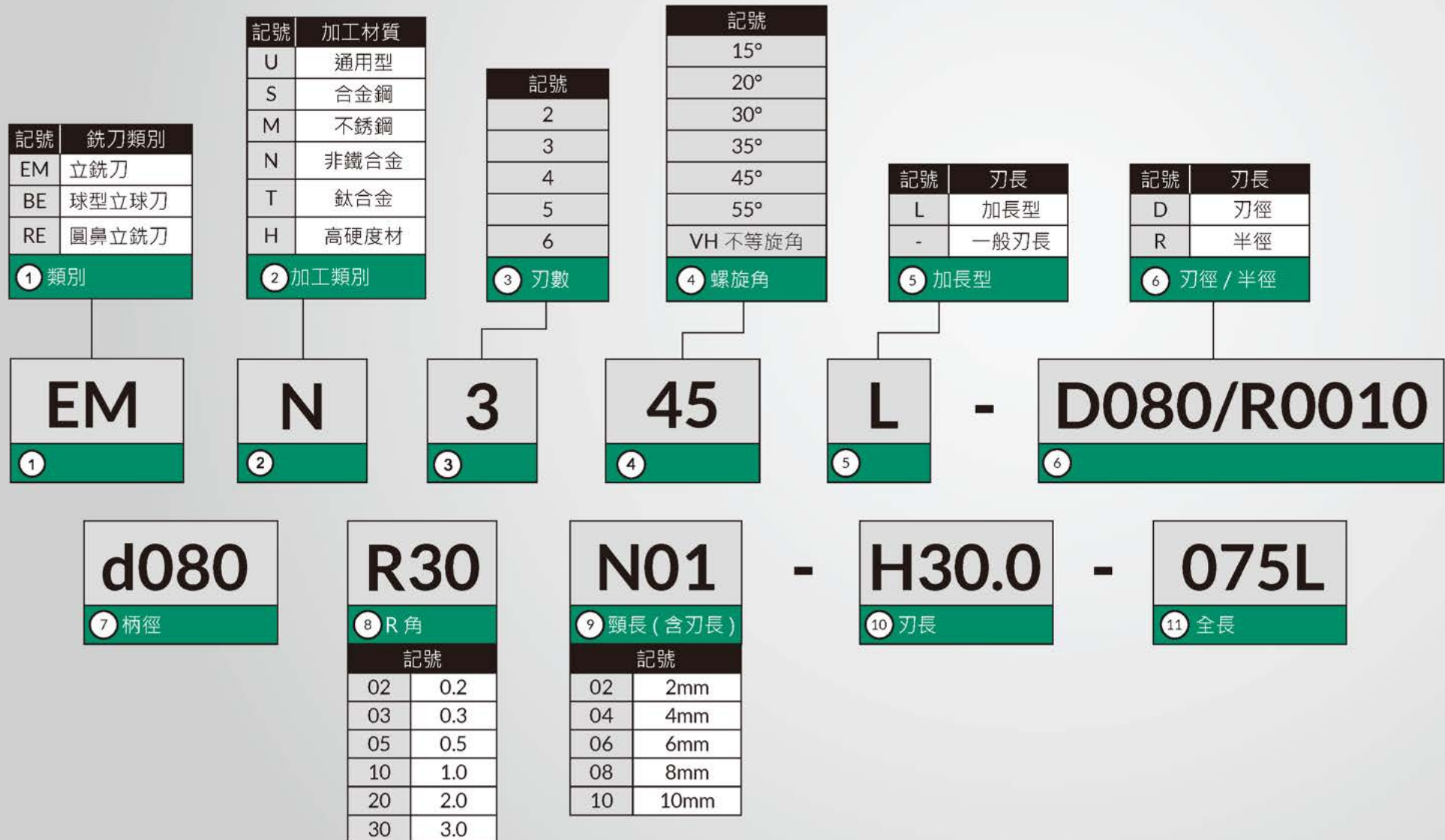


EM&BE&RE 碳化鎢鋼立銑刀系列
Tungsten Carbide End Mills Series

 **CHAIN
HEADWAY**
Cutting Edge Solution

碳化鎢鋼立銑刀編碼規範

Tungsten Carbide End Mill Coding Key



銑刀材質

End Mills Material

Carbide

項目 Item	ISO 範圍 ISO Range	含鈷量 % Cobalt Content	鎢鋼種類 Tungsten Steel Type	顆粒大小 Size of Granul	適用範圍 Scope of Application
EMH BEH REH 高硬度專用系列銑刀	K20-K30	9%	粉末微粒	<0.5μ	高硬度材質 合金鋼 鑄鐵
EMS BES RES EMN BEN EMM 系列銑刀	K40-K50	12%	超微粒	0.5μ	合金鋼 不鏽鋼 鑄鐵 非鐵合金
EMT 抗震型系列	K40-K50	12~13%	超微粒	0.5-0.6μ	不鏽鋼 鈦合金 非鐵合金

銑刀比較表

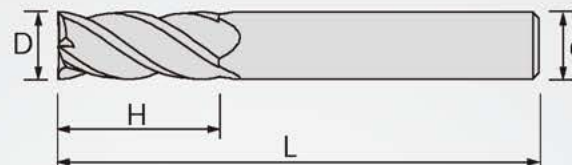
End Mills Overview

	鎢鋼立銑刀 Tungsten Carbide End Mills	粉末銑刀 HSS End Mills	焊刃式銑刀 Welding Edge End Mills	捨棄式銑刀 Supplemental End Mills
耐磨性 Wear	++	○	++	++
刀具壽命 End Mill Life	+	-	○	++
便利性 Convenient	○	○	-	++
精度公差 Accuracy	++	-	○	+
剛性 Rigidity	++	○	-	○

++ 佳 Very good + 好 Good ○ 普通 Neutral - 不好 Bad

規格

Spec



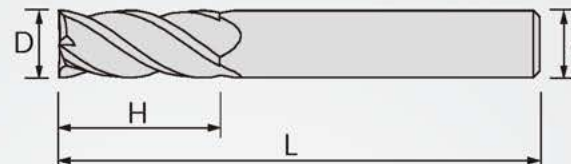
EMH235 高硬度專用

EMH 碳化鎢鋼立銑刀微小徑高硬度專用 -2 刃
Tungsten Carbide End Mills-2T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMH235-D002d030-H0.5-038L	38	0.2	3	0.5	2	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
EMH235-D003d030-H0.6-038L	38	0.3	3	0.6	2	35	-		
EMH235-D004d030-H0.8-038L	38	0.4	3	0.8	2	35	-		
EMH235-D005d030-H1.0-038L	38	0.5	3	1.0	2	35	-		
EMH235-D006d030-H1.2-038L	38	0.6	3	1.2	2	35	-		
EMH235-D007d030-H1.4-038L	38	0.7	3	1.4	2	35	-		
EMH235-D008d030-H1.6-038L	38	0.8	3	1.6	2	35	-		
EMH235-D009d030-H1.8-038L	38	0.9	3	1.8	2	35	-		
EMH235-D010d030-H2.0-038L	38	1.0	3	2.0	2	35	-		
EMH235-D011d030-H2.0-038L	38	1.1	3	2.0	2	35	-		
EMH235-D012d030-H2.5-038L	38	1.2	3	2.5	2	35	-		
EMH235-D013d030-H2.5-038L	38	1.3	3	2.5	2	35	-		
EMH235-D014d030-H3.0-038L	38	1.4	3	3.0	2	35	-		
EMH235-D015d030-H3.0-038L	38	1.5	3	3.0	2	35	-		

規格

Spec



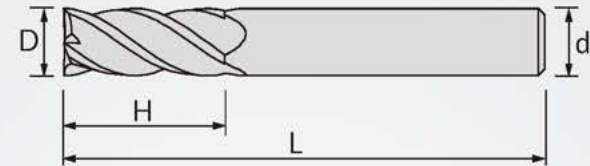
EMH235 高硬度專用

EMH 碳化鎢鋼立銑刀微小徑高硬度專用 - 2 刃
Tungsten Carbide End Mills-2T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMH235-D016d030-H3.5-038L	38	1.6	3	3.5	2	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
EMH235-D017d030-H3.5-038L	38	1.7	3	3.5	2	35	-		
EMH235-D018d030-H4.0-038L	38	1.8	3	4.0	2	35	-		
EMH235-D019d030-H4.0-038L	38	1.9	3	4.0	2	35	-		
EMH235-D020d030-H4.0-038L	38	2.0	3	4.0	2	35	-		
EMH235-D021d030-H4.0-038L	38	2.1	3	4.0	2	35	-		
EMH235-D022d030-H4.5-038L	38	2.2	3	4.5	2	35	-		
EMH235-D023d030-H4.5-038L	38	2.3	3	4.5	2	35	-		
EMH235-D024d030-H5.0-038L	38	2.4	3	5.0	2	35	-		
EMH235-D025d030-H5.0-038L	38	2.5	3	5.0	2	35	-		
EMH235-D026d030-H5.0-038L	38	2.6	3	5.0	2	35	-		
EMH235-D027d030-H5.5-038L	38	2.7	3	5.5	2	35	-		
EMH235-D028d030-H5.5-038L	38	2.8	3	5.5	2	35	-		
EMH235-D029d030-H6.0-038L	38	2.9	3	6.0	2	35	-		
EMH235-D030d030-H6.0-038L	38	3.0	3	6.0	2	35	-		

規格

Spec



EMH445

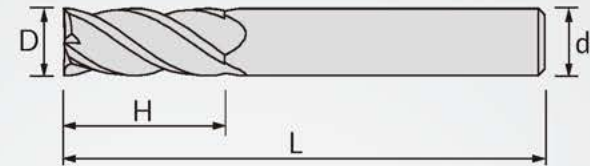
高硬度專用

EMH 碳化鎢鋼立銑刀高硬度專用 -4 刃
Tungsten Carbide End Mills-4T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMH445-D030d040-H7.5-050L	50	3	4	7.5	4	45	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
EMH445-D040d040-H10.0-050L	50	4	4	10	4	45	-		
EMH445-D050d060-H12.0-050L	50	5	6	12	4	45	-		
EMH445-D060d060-H15.0-060L	60	6	6	15	4	45	-		
EMH445-D080d080-H20.0-060L	60	8	8	20	4	45	-		
EMH445-D100d100-H25.0-075L	75	10	10	25	4	45	-		
EMH445-D120d120-H30.0-075L	75	12	12	30	4	45	-		

規格

Spec



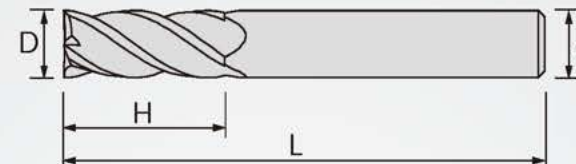
EMS235

EMS 碳化鎢鋼微小徑立銑刀 -2 刃
Tungsten Carbide End Mills-2T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMS235-D002d030-H0.6-038L	38	0.2	3	0.6	2	35	-	P : ++ M : + K : ++	HRC15°~45°
EMS235-D003d030-H1.0-038L	38	0.3	3	1.0	2	35	-		
EMS235-D004d030-H1.0-038L	38	0.4	3	1.0	2	35	-		
EMS235-D005d030-H1.5-038L	38	0.5	3	1.5	2	35	-		
EMS235-D006d030-H1.5-038L	38	0.6	3	1.5	2	35	-		
EMS235-D007d030-H2.0-038L	38	0.7	3	2.0	2	35	-		
EMS235-D008d030-H2.0-038L	38	0.8	3	2.0	2	35	-		
EMS235-D009d030-H2.5-038L	38	0.9	3	2.5	2	35	-		

規格

Spec



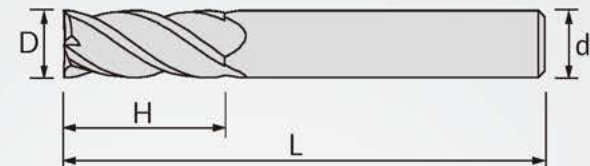
EMS445

EMS 碳化鎢鋼立銑刀 -4 刃
Tungsten Carbide End Mills-4T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMS445-D010d040-H3.0-050L	50	1	4	3	4	45	-	P : ++ M : + K : ++	HRC15°~45°
EMS445-D020d040-H5.0-050L	50	2	4	5	4	45	-		
EMS445-D030d040-H7.5-050L	50	3	4	7.5	4	45	-		
EMS445-D040d040-H10.0-050L	50	4	4	10	4	45	-		
EMS445-D050d060-H12.0-050L	50	5	6	12	4	45	-		
EMS445-D060d060-H15.0-060L	60	6	6	15	4	45	-		
EMS445-D080d080-H20.0-060L	60	8	8	20	4	45	-		
EMS445-D100d100-H30.0-075L	75	10	10	30	4	45	-		
EMS445-D120d120-H30.0-075L	75	12	12	30	4	45	-		

規格

Spec



EMN245

鋁合金專用

EMN 碳化鎢鋼立銑刀鋁合金專用 -2 刃

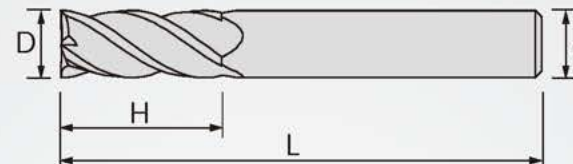
Tungsten Carbide End Mills For Aluminum-2T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMN245-D010d040-H3.0-050L	50	1	4	3	2	45	-	N : ++	HRC15°~45°
EMN245L-D010d040-H4.0-050L	50	1	4	4	2	45	-		
EMN245-D020d040-H6.0-050L	50	2	4	6	2	45	-		
EMN245L-D020d040-H8.0-050L	50	2	4	8	2	45	-		
EMN245-D030d040-H9.0-050L	50	3	4	9	2	45	-		
EMN245L-D030d040-H12.0-050L	50	3	4	12	2	45	-		



規格

Spec



EMN345

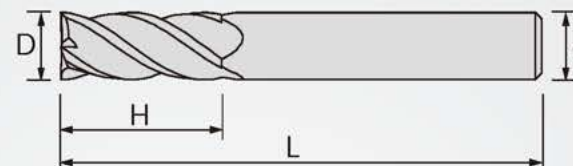
鋁合金專用

EMN 碳化鎢鋼立銑刀鋁合金專用 -3 刃
Tungsten Carbide End Mills For Aluminum-3T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMN345-D040d040-H12.0-050L	50	4	4	12	3	45	-	N : ++	HRC15°~45°
EMN345-D050d060-H15.0-050L	50	5	6	15	3	45	-		
EMN345-D060d060-H18.0-060L	60	6	6	18	3	45	-		
EMN345-D080d080-H20.0-060L	60	8	8	20	3	45	-		
EMN345-D100d100-H26.0-075L	75	10	10	26	3	45	-		
EMN345-D120d120-H30.0-075L	75	12	12	30	3	45	-		
EMN345L-D040d040-H16.0-050L	50	4	4	16	3	45	-		
EMN345L-D050d060-H20.0-060L	60	5	6	20	3	45	-		
EMN345L-D060d060-H24.0-075L	75	6	6	24	3	45	-		
EMN345L-D080d080-H30.0-075L	75	8	8	30	3	45	-		
EMN345L-D100d100-H40.0-100L	100	10	10	40	3	45	-		
EMN345L-D120d120-H45.0-100L	100	12	12	45	3	45	-		

規格

Spec



EMM445

不銹鋼專用

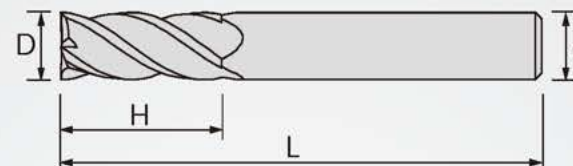
EMM 碳化鎢鋼立銑刀不銹鋼專用 -4 刃

Tungsten Carbide End Mills For Stainless Steel-4T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMM445-D040d040-L10.0-050L	50	4	4	10	4	45	-	P : + M : ++ K : +	HRC25°~42°
EMM445-D060d060-H15.0-060L	60	6	6	15	4	45	-		
EMM445-D080d080-H20.0-060L	60	8	8	20	4	45	-		
EMM445-D100d100-H30.0-075L	75	10	10	30	4	45	-		
EMM445-D120d120-H30.0-075L	75	12	12	30	4	45	-		

規格

Spec



EMT4VH

高溫合金專用

不等分割系列

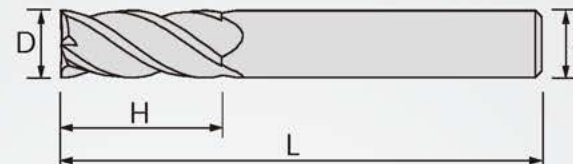
EMT4VH 碳化鎢鋼立銑刀高溫合金專用 - 抗震型 -4 刃

Tungsten Carbide End Mills For Refractory Alloys -4T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMT4VH-D030d060-H8.0-050L	50	3	6	8	4	38/41	-	P : + M : ++ K : + H : ++ S : ++	<HRC60°
EMT4VH-D040d060-H11.0-050L	50	4	6	11	4	38/41	-		
EMT4VH-D050d060-H14.0-050L	50	5	6	14	4	38/41	-		
EMT4VH-D060d060-H16.0-050L	50	6	6	16	4	38/41	-		
EMT4VH-D080d080-H20.0-060L	60	8	8	20	4	38/41	-		
EMT4VH-D100d0100-H25.0-075L	75	10	10	25	4	38/41	-		
EMT4VH-D120d0120-H30.0-075L	75	12	12	30	4	38/41	-		

規格

Spec



EMN3VH

鋁合金專用

不等分割系列

EMN3VH 碳化鎢鋼立銑刀鋁合金專用 - 抗震型 - 3 刃

Tungsten Carbide End Mills For Aluminum -3T

規格 Spec.	L	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
EMN3VH-D030d060-H9.0-050L	50	3	6	9	3	38/41	-	N : ++	-
EMN3VH-D040d060-H12.0-050L	50	4	6	12	3	38/41	-		
EMN3VH-D050d060-H14.0-050L	50	5	6	14	3	38/41	-		
EMN3VH-D060d060-H16.0-050L	50	6	6	16	3	38/41	-		
EMN3VH-D080d080-H20.0-060L	60	8	8	20	3	38/41	-		
EMN3VH-D100d0100-H25.0-075L	75	10	10	25	3	38/41	-		
EMN3VH-D120d0120-H30.0-075L	75	12	12	30	3	38/41	-		



規格

Spec



BEH230 高硬度專用

BE 碳化鎢鋼球型立銑刀微小徑高硬度專用 - 2 刃
Tungsten Carbide Ball End Mills For Hard Material- 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BEH230-R0020d0030-H0.5-038L	38	0.2	0.4	3	0.5	2	30	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
BEH230-R0025d0030-H0.8-038L	38	0.25	0.5	3	0.8	2	30	-		
BEH230-R0030d0030-H0.9-038L	38	0.3	0.6	3	0.9	2	30	-		
BEH230-R0035d0030-H1.0-038L	38	0.35	0.7	3	1	2	30	-		
BEH230-R0040d0030-H1.2-038L	38	0.4	0.8	3	1.2	2	30	-		
BEH230-R0045d0030-H1.3-038L	38	0.45	0.9	3	1.3	2	30	-		
BEH230-R0050d0030-H1.5-038L	38	0.5	1	3	1.5	2	30	-		
BEH230-R0060d0030-H1.8-038L	38	0.6	1.2	3	1.8	2	30	-		
BEH230-R0070d0030-H2.0-038L	38	0.7	1.4	3	2	2	30	-		
BEH230-R0075d0030-H2.3-038L	38	0.75	1.5	3	2.3	2	30	-		
BEH230-R0080d0030-H2.5-038L	38	0.8	1.6	3	2.5	2	30	-		
BEH230-R0090d0030-H2.7-038L	38	0.9	1.8	3	2.7	2	30	-		
BEH230-R0100d0030-H3.0-038L	38	1	2	3	3	2	30	-		

規格

Spec



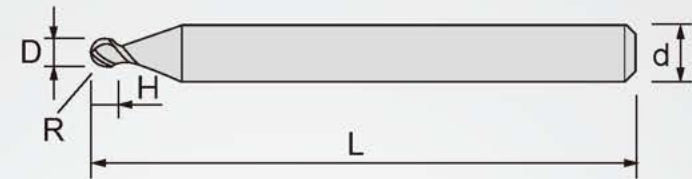
BEH230 高硬度專用

BE 碳化鎢鋼球型立銑刀高硬度專用 -2 刃
Tungsten Carbide Ball End Mills For Hard Material- 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BEH230-R0050d040-H1.5-050L	50	0.5	1	4	1.5	2	30	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
BEH230-R0075d040-H2.0-050L	50	0.75	1.5	4	2	2	30	-		
BEH230-R0100d040-H3.0-050L	50	1	2	4	3	2	30	-		
BEH230-R0125d040-H4.0-050L	50	1.25	2.5	4	4	2	30	-		
BEH230-R0150d040-H5.0-050L	50	1.5	3	4	5	2	30	-		
BEH230-R0200d040-H6.0-050L	50	2	2	4	6	2	30	-		
BEH230-R0250d060-H8.0-060L	60	2.5	5	6	8	2	30	-		
BEH230-R0300d060-H9.0-060L	60	3	6	6	9	2	30	-		
BEH230-R0350d080-H14.0-060L	60	3.5	7	8	14	2	30	-		
BEH230-R0400d080-H16.0-060L	60	4	8	8	16	2	30	-		
BEH230-R0400d080-H16.0-075L	75	4	8	8	16	2	30	-		
BEH230-R0450d100-H18.0-075L	75	4.5	9	10	18	2	30	-		
BEH230-R0500d100-H20.0-075L	75	5	10	10	20	2	30	-		
BEH230-R0600d100-H20.0-075L	75	6	12	12	20	2	30	-		

規格

Spec



BEH435

高硬度専用

BE 碳化鎢鋼球型立銑刀高硬度専用 -4 刃
Tungsten Carbide Ball End Mills For Hard Material- 4T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BEH435-R0100d040-H3.0-050L	50	1	2	4	3	4	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
BEH435-R0150d040-H4.5-050L	50	1.5	3	4	4.5	4	35	-		
BEH435-R0200d040-H6.0-050L	50	2	4	4	6	4	35	-		
BEH435-R0300d060-H9.0-060L	60	3	6	6	9	4	35	-		
BEH435-R0400d080-H16.0-060L	60	4	8	8	16	4	35	-		
BEH435-R0500d100-H20.0-075L	75	5	10	10	20	4	35	-		
BEH435-R0600d120-H20.0-075L	75	6	12	12	20	4	35	-		

規格

Spec



BES230

BE 碳化鎢鋼球型微小徑立銑刀 - 2 刃
Tungsten Carbide Ball End Mills - 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BES230-R0020d0030-H0.5-038L	38	0.2	0.4	3	0.5	2	30	-	P : ++ M : + K : ++	HRC15°~45°
BES230-R0025d0030-H0.8-038L	38	0.25	0.5	3	0.8	2	30	-		
BES230-R0030d0030-H0.9-038L	38	0.3	0.6	3	0.9	2	30	-		
BES230-R0035d0030-H1.0-038L	38	0.35	0.7	3	1	2	30	-		
BES230-R0040d0030-H1.2-038L	38	0.4	0.8	3	1.2	2	30	-		
BES230-R0045d0030-H1.3-038L	38	0.45	0.9	3	1.3	2	30	-		
BES230-R0050d0030-H1.5-038L	38	0.5	1	3	1.5	2	30	-		
BES230-R0060d0030-H1.8-038L	38	0.6	1.2	3	1.8	2	30	-		
BES230-R0070d0030-H2.0-038L	38	0.7	1.4	3	2	2	30	-		
BES230-R0075d0030-H2.3-038L	38	0.75	1.5	3	2.3	2	30	-		
BES230-R0080d0030-H2.5-038L	38	0.8	1.6	3	2.5	2	30	-		
BES230-R0090d0030-H2.7-038L	38	0.9	1.8	3	2.7	2	30	-		
BES230-R0100d0030-H3.0-038L	38	1	2	3	3	2	30	-		

規格

Spec



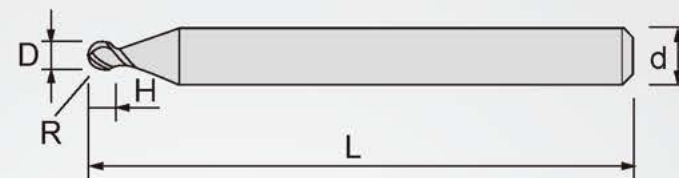
BES230

BE 碳化鎢鋼球型立銑刀 - 2 刃
Tungsten Carbide Ball End Mills - 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BES230-R0050d040-H2.0-050L	50	0.5	1	4	2	2	30	-	P : ++ M : + K : ++	HRC15°~45°
BES230-R0100d040-H4.0-050L	50	1	2	4	4	2	30	-		
BES230-R0150d040-H6.0-050L	50	1.5	3	4	6	2	30	-		
BES230-R0200d040-H8.0-050L	50	2	4	4	8	2	30	-		
BES230-R0250d060-H10.0-060L	60	2.5	5	6	10	2	30	-		
BES230-R0300d060-H12.0-060L	60	3	6	6	12	2	30	-		
BES230-R0350d080-H12.0-060L	60	3.5	7	8	12	2	30	-		
BES230-R0400d080-H16.0-060L	60	4	8	8	16	2	30	-		
BES230-R0400d080-H16.0-075L	75	4	8	8	16	2	30	-		
BES230-R0450d100-H18.0-075L	75	4.5	9	10	18	2	30	-		
BES230-R0500d100-H20.0-075L	75	5	10	10	20	2	30	-		
BES230-R0600d120-H20.0-075L	75	6	12	12	20	2	30	-		
BES230-R0700d140-H24.0-075L	75	7	14	14	24	2	30	-		

規格

Spec



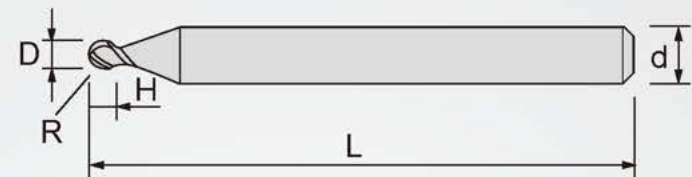
BES435

BE 碳化鎢鋼球型立銑刀 -4 刃
Tungsten Carbide Ball End Mills - 4T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BES435-R0200d040-H8.0-050L	50	2	4	4	8	4	35	-	P : ++ M : + K : ++	HRC15°~45°
BES435-R0300d060-H12.0-050L	60	3	6	6	12	4	35	-		
BES435-R0400d080-H16.0-075L	75	4	8	8	16	4	35	-		
BES435-R0500d100-H20.0-075L	75	5	10	10	20	4	35	-		
BES435-R0600d120-H20.0-100L	100	6	12	12	20	4	35	-		

規格

Spec



BEN230

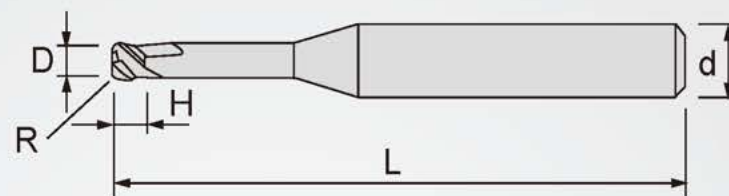
鋁合金專用

BE 碳化鎢鋼球型立銑刀鋁合金專用 -2 刃
Tungsten Carbide Ball End Mills For Aluminum- 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
BEN230-R0100d060-H4.0-060L	60	1	2	6	4	2	30	-	N : ++	HRC15°~45°
BEN230-R0150d060-H6.0-060L	60	1.5	3	6	6	2	30	-		
BEN230-R0200d060-H8.0-060L	60	2	4	6	8	2	30	-		
BEN230-R0250d060-H10.0-060L	60	2.5	5	6	10	2	30	-		
BEN230-R0300d060-H12.0-060L	60	3	6	6	12	2	30	-		
BEN230-R0400d080-H16.0-075L	75	4	8	8	16	2	30	-		
BEN230-R0500d100-H20.0-075L	75	5	10	10	20	2	30	-		
BEN230-R0600d120-H20.0-100L	100	6	12	12	20	2	30	-		

規格

Spec



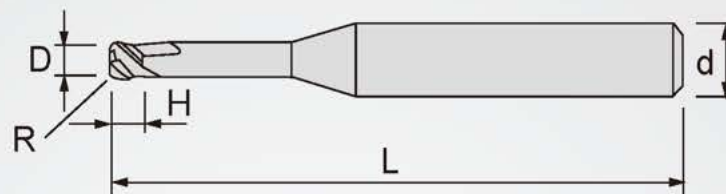
REH235 高硬度專用

RE 碳化鎢鋼圓鼻立銑刀高硬度專用 -2 刃
Tungsten Carbide Corner-Radius End Mills - 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
REH235-D010d040R02-H2.0-050L	50	0.2	1	4	2	2	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
REH235-D015d040R02-H3.0-050L	50	0.2	1.5	4	3	2	35	-		
REH235-D020d040R02-H5.0-050L	50	0.2	2	4	5	2	35	-		
REH235-D020d040R03-H5.0-050L	50	0.3	2	4	5	2	35	-		
REH235-D020d040R05-H5.0-050L	50	0.5	2	4	5	2	35	-		
REH235-D030d040R02-H6.0-050L	50	0.2	3	4	6	2	35	-		
REH235-D030d040R03-H6.0-050L	50	0.3	3	4	6	2	35	-		
REH235-D030d040R05-H6.0-050L	50	0.5	3	4	6	2	35	-		
REH235-D030d040R10-H6.0-050L	50	1	3	4	6	2	35	-		
REH235-D040d040R02-H8.0-050L	50	0.2	4	4	8	2	35	-		
REH235-D040d040R03-H8.0-050L	50	0.3	4	4	8	2	35	-		
REH235-D040d040R05-H8.0-050L	50	0.5	4	4	8	2	35	-		
REH235-D040d040R10-H8.0-050L	50	1	4	4	8	2	35	-		

規格

Spec



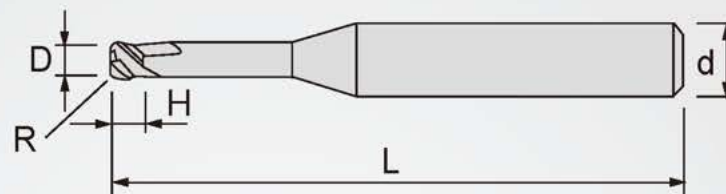
REH435 高硬度專用

RE 碳化鎢鋼圓鼻立銑刀高硬度專用 -2 刃
Tungsten Carbide Corner-Radius End Mills - 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
REH435-D030d040R02-H7.5-050L	50	0.2	3	4	7.5	4	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
REH435-D030d040R03-H7.5-050L	50	0.3	3	4	7.5	4	35	-		
REH435-D030d040R05-H7.5-050L	50	0.5	3	4	7.5	4	35	-		
REH435-D030d040R10-H7.5-050L	50	1	3	4	7.5	4	35	-		
REH435-D040d040R02-H10.0-050L	50	0.2	4	4	10	4	35	-		
REH435-D040d040R03-H10.0-050L	50	0.3	4	4	10	4	35	-		
REH435-D040d040R05-H10.0-050L	50	0.5	4	4	10	4	35	-		
REH435-D040d040R10-H10.0-050L	50	1	4	4	10	4	35	-		
REH435-D060d060R02-H15.0-050L	50	0.2	6	6	15	4	35	-		
REH435-D060d060R05-H15.0-050L	50	0.5	6	6	15	4	35	-		
REH435-D060d060R10-H15.0-050L	60	1	6	6	15	4	35	-		
REH435-D080d080R02-H20.0-060L	60	0.2	8	8	20	4	35	-		

規格

Spec



REH435 高硬度專用

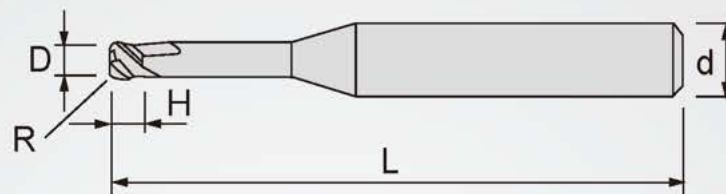
RE 碳化鎢鋼圓鼻立銑刀高硬度專用 -2 刃
Tungsten Carbide Corner-Radius End Mills - 2T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
REH435-D080d080R10-H20.0-060L	60	1	8	8	20	4	35	-	P : ++ M : + K : ++ H : ++	HRC45°~62°
REH435-D080d080R20-H20.0-075L	75	2	8	8	20	4	35	-		
REH435-D100d100R02-H25.0-075L	75	0.2	10	10	25	4	35	-		
REH435-D100d100R05-H25.0-075L	75	0.5	10	10	25	4	35	-		
REH435-D100d100R10-H25.0-075L	75	1	10	10	25	4	35	-		
REH435-D100d100R20-H25.0-075L	75	2	10	10	25	4	35	-		
REH435-D120d120R02-H30.0-075L	75	0.2	12	12	30	4	35	-		
REH435-D120d120R05-H30.0-075L	75	0.5	12	12	30	4	35	-		
REH435-D120d120R10-H30.0-075L	75	1	12	12	30	4	35	-		
REH435-D120d120R20-H30.0-075L	75	2	12	12	30	4	35	-		
REH435-D120d120R30-H30.0-075L	75	3	12	12	30	4	35	-		



規格

Spec



RES435

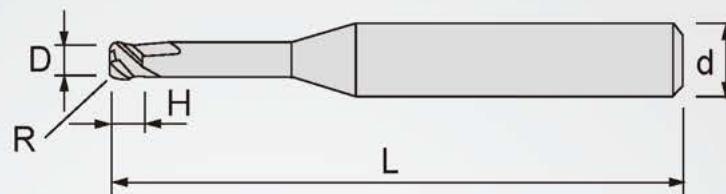
RE 碳化鎢鋼圓鼻立銑刀 - 4 刃

Tungsten Carbide Corner-Radius End Mills - 4T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
RES435-D030d040R02-H7.0-050L	50	0.2	3	4	7	4	35	-	P : ++ M : + K : ++	HRC15°~45°
RES435-D030d040R03-H7.0-050L	50	0.3	3	4	7	4	35	-		
RES435-D030d040R05-H7.0-050L	50	0.5	3	4	7	4	35	-		
RES435-D030d040R10-H7.0-050L	50	1	3	4	7	4	35	-		
RES435-D040d040R02-H10.0-050L	50	0.2	4	4	10	4	35	-		
RES435-D040d040R03-H10.0-050L	50	0.3	4	4	10	4	35	-		
RES435-D040d040R05-H10.0-050L	50	0.5	4	4	10	4	35	-		
RES435-D040d040R10-H10.0-050L	50	1	4	4	10	4	35	-		
RES435-D060d060R02-H15.0-060L	60	0.2	6	6	15	4	35	-		
RES435-D060d060R05-H15.0-060L	60	0.5	6	6	15	4	35	-		
RES435-D060d060R10-H15.0-060L	60	1	6	6	15	4	35	-		
RES435-D080d080R02-H20.0-060L	60	0.2	8	8	20	4	35	-		

規格

Spec



RES435

RE 碳化鎢鋼圓鼻立銑刀 - 4 刃

Tungsten Carbide Corner-Radius End Mills - 4T

規格 Spec.	L	R	D	d	H	刃數 T	螺旋角 Angle	重量 (KGS) Weight	工件材質 Workpiece Material	切削硬度 Cutting HRC
RES435-D080d080R05-H20.0-060L	60	0.5	8	8	20	4	35	-	P : ++ M : + K : ++	HRC15°~45°
RES435-D080d080R10-H20.0-060L	60	1	8	8	20	4	35	-		
RES435-D080d080R20-H20.0-075L	75	2	8	8	20	4	35	-		
RES435-D100d100R02-H25.0-075L	75	0.2	10	10	25	4	35	-		
RES435-D100d100R05-H25.0-075L	75	0.5	10	10	25	4	35	-		
RES435-D100d100R10-H25.0-075L	75	1	10	10	25	4	35	-		
RES435-D100d100R20-H25.0-075L	75	2	10	10	25	4	35	-		
RES435-D120d120R02-H30.0-075L	75	0.2	12	12	30	4	35	-		
RES435-D120d120R05-H30.0-075L	75	0.5	12	12	30	4	35	-		
RES435-D120d120R10-H30.0-075L	75	1	12	12	30	4	35	-		
RES435-D120d120R20-H30.0-075L	75	2	12	12	30	4	35	-		
RES435-D120d120R30-H30.0-075L	75	3	12	12	30	4	35	-		

切削數據

Cutting Conditions

立銑刀側銑：

立銑刀系列 End mill	材料硬度 Material hardness	切削速度 Speed (m/min)	加工深度 Ap (mm)	切寬 Ae (mm)	每刃進給 (mm/rev)
EMS、EMN、EMM	HRC<10	VC=150-360	D*0.5~D*2.5	D*0.01~D*0.10	D*0.01~0.02
	HRC10-25	VC=120-210	D*0.5~D*2.0	D*0.01~D*0.05	D*0.01~0.02
	HRC25-40	VC=90-180	D*0.5~D*1.5	D*0.01~D*0.025	D*0.01~0.02
EMH 系列	HRC30-40	VC=120~210	D*0.5~D*1.5	D*0.01~D*0.025	D*0.01~0.02
	HRC40-50	VC=120-180	D*0.5~D*1.0	D*0.005~D*0.015	D*0.01~0.02
	HRC50-62	VC=120~150	D*0.5~D*1.0	D*0.005~D*0.01	D*0.01~0.02
EMT 系列	HRC30-50	VC=120~200	D*0.1~D*2.5	D*0.01~D*0.02	D*0.01~0.02
EMT 系列	HRC>50	VC=100~120	D*0.1~D*1.0	D*0.01~D*0.02	D*0.01~0.02

球型立銑刀：

球型立銑刀系列 Ball End mill	材料硬度 Material hardness	切削速度 Speed (m/min)	加工深度 Ap (mm)	切寬 Ae (mm)	每刃進給 (mm/rev)
BES、BEN	HRC<10	VC=150-390	D*0.01~D*0.20	D*0.01~D*0.03	D*0.01~0.02
	HRC10-25	VC=120-240	D*0.01~D*0.05	D*0.01~D*0.03	D*0.01~0.02
	HRC25-40	VC=90-210	D*0.01~D*0.03	D*0.01~D*0.025	D*0.01~0.02
BEH 系列	HRC30-40	VC=120~240	D*0.01~D*0.03	D*0.01~D*0.025	D*0.01~0.02
	HRC40-50	VC=120~210	D*0.01~D*0.02	D*0.005~D*0.02	D*0.01~0.02
	HRC50-62	VC=120~180	D*0.005~D*0.01	D*0.005~D*0.01	D*0.01~0.02

圓鼻立銑刀：

圓鼻立銑刀系列 Corner-radius End mill	材料硬度 Material hardness	切削速度 Speed (m/min)	加工深度 Ap (mm)	底面修平加工深度	每刃進給 (mm/rev)
RES	HRC<10	VC=150-390	D*0.50	視實際加工調整	D*0.01~0.02
	HRC10-25	VC=120-240	D*0.05~D*1.0	<R 角	D*0.01~0.02
	HRC25-40	VC=90-210	D*0.03~D*0.06	<R 角	D*0.01~0.02
REH	HRC30-40	VC=120~240	D*0.03~D*0.06	<R 角	D*0.01~0.02
	HRC40-50	VC=120~210	D*0.02~D*0.04	<R 角	D*0.01~0.02
	HRC50-62	VC=120~180	D*0.01~D*0.02	<R 角	D*0.01~0.02

※ 以上建議參數，尚需配合實際加工條件與環境，視工件需求而有所調整。



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