



2010

Tungsten carbide cutting tools



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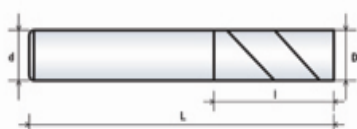
BFL NORTH CARBIDE TOOL CO.,LTD

細微粒碳化鈨 Micro Grain Carbide



450二刃四刃平底刀

450 2/4 Flutes Roughing end mill



1.適合加工:銅,鋁,碳鋼,模具鋼。

2.主要特性:細微粒碳化鈨母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減底磨擦系數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, and Mould steel processing.

2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine.

Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-ED-010	1.0	4	3	50
BFL-ED-015	1.5	4	4	50
BFL-ED-020	2.0	4	6	50
BFL-ED-025	2.5	4	8	50
BFL-ED-030	3.0	3	8	50
BFL-ED-031	3.0	4	8	50
BFL-ED-035	3.5	4	11	50
BFL-ED-040	4.0	4	11	50
BFL-ED-610	1.0	6	3	50
BFL-ED-615	1.5	6	4	50
BFL-ED-620	2.0	6	6	50
BFL-ED-625	2.5	6	8	50
BFL-ED-630	3.0	6	8	50
BFL-ED-635	3.5	6	11	50
BFL-ED-640	4.0	6	11	50
BFL-ED-645	4.5	6	13	50
BFL-ED-650	5.0	5	13	50
BFL-ED-651	5.0	6	13	50
BFL-ED-660	6.0	6	15	50
BFL-ED-070	7.0	8	20	60
BFL-ED-080	8.0	8	20	60
BFL-ED-090	9.0	10	25	75
BFL-ED-100	10.0	10	25	75
BFL-ED-120	12.0	12	30	75
BFL-ED-140	14.0	14	45	100
BFL-ED-160	16.0	16	45	100
BFL-ED-180	18.0	18	45	100
BFL-ED-200	20.0	20	45	100

加长型 Extra Length Type

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LED-040	4.0	4	11	75
BFL-LED-041	4.0	4	11	100
BFL-LED-050	5.0	6	13	75
BFL-LED-060	6.0	6	15	75
BFL-LED-061	6.0	6	15	100
BFL-LED-062	6.0	6	40	150
BFL-LED-080	8.0	8	20	75
BFL-LED-081	8.0	8	20	100
BFL-LED-082	8.0	8	40	150
BFL-LED-100	10.0	10	25	100
BFL-LED-101	10.0	10	50	150
BFL-LED-120	12.0	12	30	100
BFL-LED-121	12.0	12	50	150
BFL-LED-140	14.0	14	50	150
BFL-LED-160	16.0	16	50	150
BFL-LED-180	18.0	18	50	150
BFL-LED-200	20.0	20	50	150

NORTH CARBIDE TOOL CO.,LTD



細微粒碳化鎢 Micro Grain Carbide



450二刃四刃球刀

450 2/4 Flutes Ball nose end mill



1.適合加工:銅,鋁,碳鋼,模具鋼。

2.主要特性:細微粒碳化鎢母材韌性高,被覆ALTiN(氮化鋁),耐磨利,非一般的鉍鈹,專用于CNC銑床高速切削,能增加光滑度,減低磨擦系數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, and Mould steel processing.

2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-ER-010	R0.5	4	2	50
BFL-ER-015	R0.75	4	3	50
BFL-ER-020	R1	4	4	50
BFL-ER-025	R1.25	4	5	50
BFL-ER-030	R1.5	3	6	50
BFL-ER-031	R1.5	4	6	50
BFL-ER-040	R2	4	8	50
BFL-ER-610	R0.5	6	2	50
BFL-ER-615	R0.75	6	3	50
BFL-ER-620	R1	6	4	50
BFL-ER-625	R1.25	6	5	50
BFL-ER-630	R1.5	6	6	50
BFL-ER-640	R2	6	8	50
BFL-ER-650	R2.5	5	10	50
BFL-ER-651	R2.5	6	10	50
BFL-ER-660	R3	6	12	50
BFL-ER-080	R4	8	16	60
BFL-ER-100	R5	10	20	75
BFL-ER-120	R6	12	25	75
BFL-ER-160	R8	16	30	100
BFL-ER-200	R10	20	30	100

加长型 Extra Length Type

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LER-040	R2	4	8	75
BFL-LER-041	R2	4	8	100
BFL-LER-050	R2.5	6	10	75
BFL-LER-060	R3	6	12	75
BFL-LER-061	R3	6	12	100
BFL-LER-062	R3	6	30	150
BFL-LER-080	R4	8	16	75
BFL-LER-081	R4	8	16	100
BFL-LER-082	R4	8	30	150
BFL-LER-100	R5	10	20	100
BFL-LER-101	R5	10	40	150
BFL-LER-120	R6	12	25	100
BFL-LER-121	R6	12	40	150
BFL-LER-140	R7	14	40	150
BFL-LER-160	R8	16	40	150
BFL-LER-180	R9	18	40	150
BFL-LER-200	R10	20	40	150



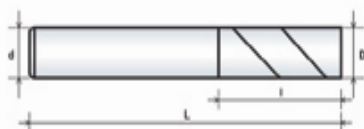
BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鎢 Micro Grain Carbide



550二刃四刃平底刀

550 2/4 Flutes Flat end mill



1. 適合加工: 銅, 鋁, 鐵, 碳素鋼, 模具鋼, 不銹鋼, 鈦合金, 工具鋼, 熱處理鋼。
2. 主要特性: 超微粒碳化鎢母材韌性高, 被覆ALTiN(氮化鋁), 耐磨耗, 比一般的超硬, 專用于CNC銑床高速切削, 能增加光滑度, 減低磨擦系數, 減少換刀次數, 提高機床效率, 節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-AD-010	1.0	4	3	50
BFL-AD-015	1.5	4	4	50
BFL-AD-020	2.0	4	6	50
BFL-AD-025	2.5	4	8	50
BFL-AD-030	3.0	3	8	50
BFL-AD-031	3.0	4	8	50
BFL-AD-035	3.5	4	11	50
BFL-AD-040	4.0	4	11	50
BFL-AD-610	1.0	6	3	50
BFL-AD-615	1.5	6	4	50
BFL-AD-620	2.0	6	6	50
BFL-AD-625	2.5	6	8	50
BFL-AD-630	3.0	6	8	50
BFL-AD-635	3.5	6	11	50
BFL-AD-640	4.0	6	11	50
BFL-AD-645	4.5	6	13	50
BFL-AD-650	5.0	5	13	50
BFL-AD-651	5.0	6	13	50
BFL-AD-660	6.0	6	15	50
BFL-AD-070	7.0	8	20	60
BFL-AD-080	8.0	8	20	60
BFL-AD-090	9.0	10	25	75
BFL-AD-100	10.0	10	25	75
BFL-AD-120	12.0	12	30	75
BFL-AD-140	14.0	14	45	100
BFL-AD-160	16.0	16	45	100
BFL-AD-180	18.0	18	45	100
BFL-AD-200	20.0	20	45	100

加长型 Extra Length Type

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-LAD-040	4.0	4	11	75
BFL-LAD-041	4.0	4	11	100
BFL-LAD-050	5.0	6	13	75
BFL-LAD-060	6.0	6	15	75
BFL-LAD-061	6.0	6	15	100
BFL-LAD-062	6.0	6	40	150
BFL-LAD-080	8.0	8	20	75
BFL-LAD-081	8.0	8	20	100
BFL-LAD-082	8.0	8	40	150
BFL-LAD-100	10.0	10	25	100
BFL-LAD-101	10.0	10	50	150
BFL-LAD-120	12.0	12	30	100
BFL-LAD-121	12.0	12	50	150
BFL-LAD-140	14.0	14	50	150
BFL-LAD-160	16.0	16	50	150
BFL-LAD-180	18.0	18	50	150
BFL-LAD-200	20.0	20	50	150

NORTH CARBIDE TOOL CO.,LTD



極細微粒碳化鎢 Micro Grain Carbide



550二刃四刃球刀

550 2/4 Flutes Ball nose end mill



1.適合加工:銅,鋁,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鎢母材韌性高,鍍覆ALTiN(氮化鉍),耐磨,非一般的超鈹,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.

2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-AR-010	R0.5	4	2	50
BFL-AR-015	R0.75	4	3	50
BFL-AR-020	R1	4	4	50
BFL-AR-025	R1.25	4	5	50
BFL-AR-030	R1.5	3	6	50
BFL-AR-031	R1.5	4	6	50
BFL-AR-040	R2	4	8	50
BFL-AR-610	R0.5	6	2	50
BFL-AR-615	R0.75	6	3	50
BFL-AR-620	R1	6	4	50
BFL-AR-625	R1.25	6	5	50
BFL-AR-630	R1.5	6	6	50
BFL-AR-640	R2	6	8	50
BFL-AR-650	R2.5	5	10	50
BFL-AR-651	R2.5	6	10	50
BFL-AR-660	R3	6	12	50
BFL-AR-080	R4	8	16	60
BFL-AR-100	R5	10	20	75
BFL-AR-120	R6	12	25	75
BFL-AR-160	R8	16	30	100
BFL-AR-200	R10	20	30	100

加長型 Extra Length Type

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-LAR-040	R2	4	8	75
BFL-LAR-041	R2	4	8	100
BFL-LAR-050	R2.5	6	10	75
BFL-LAR-060	R3	6	12	75
BFL-LAR-061	R3	6	12	100
BFL-LAR-062	R3	6	30	150
BFL-LAR-080	R4	8	16	75
BFL-LAR-081	R4	8	16	100
BFL-LAR-082	R4	8	30	150
BFL-LAR-100	R5	10	20	100
BFL-LAR-101	R5	10	40	150
BFL-LAR-120	R6	12	25	100
BFL-LAR-121	R6	12	40	150
BFL-LAR-140	R7	14	40	150
BFL-LAR-160	R8	16	40	150
BFL-LAR-180	R9	18	40	150
BFL-LAR-200	R10	20	40	150



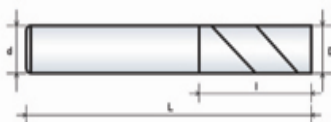
BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide



600二刃四刃平底刀

600 2/4 Flutes Flat end mill



1.適合加工:銅,鑄鐵,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鈨母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減低摩擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
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产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-MD-010	1.0	4	3	50
BFL-MD-015	1.5	4	4	50
BFL-MD-020	2.0	4	6	50
BFL-MD-025	2.5	4	8	50
BFL-MD-030	3.0	3	8	50
BFL-MD-031	3.0	4	8	50
BFL-MD-035	3.5	4	11	50
BFL-MD-040	4.0	4	11	50
BFL-MD-610	1.0	6	3	50
BFL-MD-615	1.5	6	4	50
BFL-MD-620	2.0	6	6	50
BFL-MD-625	2.5	6	8	50
BFL-MD-630	3.0	6	8	50
BFL-MD-635	3.5	6	11	50
BFL-MD-640	4.0	6	11	50
BFL-MD-645	4.5	6	13	50
BFL-MD-650	5.0	5	13	50
BFL-MD-651	5.0	6	13	50
BFL-MD-660	6.0	6	15	50
BFL-MD-070	7.0	8	20	60
BFL-MD-080	8.0	8	20	60
BFL-MD-090	9.0	10	25	75
BFL-MD-100	10.0	10	25	75
BFL-MD-120	12.0	12	30	75
BFL-MD-140	14.0	14	45	100
BFL-MD-160	16.0	16	45	100
BFL-MD-180	18.0	18	45	100
BFL-MD-200	20.0	20	45	100

加长型 Extra Length Type

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LMD-040	4.0	4	11	75
BFL-LMD-041	4.0	4	11	100
BFL-LMD-050	5.0	6	13	75
BFL-LMD-060	6.0	6	15	75
BFL-LMD-061	6.0	6	15	100
BFL-LMD-062	6.0	6	40	150
BFL-LMD-080	8.0	8	20	75
BFL-LMD-081	8.0	8	20	100
BFL-LMD-082	8.0	8	40	150
BFL-LMD-100	10.0	10	25	100
BFL-LMD-101	10.0	10	50	150
BFL-LMD-120	12.0	12	30	100
BFL-LMD-121	12.0	12	50	150
BFL-LMD-140	14.0	14	50	150
BFL-LMD-160	16.0	16	50	150
BFL-LMD-180	18.0	18	50	150
BFL-LMD-200	20.0	20	50	150

NORTH CARBIDE TOOL CO.,LTD

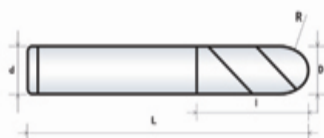


極細微粒碳化鈨 Micro Grain Carbide



600二刃四刃球刀

600 2/4 Flutes Ball nose end mill



1.適合加工:銅,鋁,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:細微粒碳化鈨母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨耗,非一般的鈦鈦,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

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產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-MR-010	R0.5	4	2	50
BFL-MR-015	R0.75	4	3	50
BFL-MR-020	R1	4	4	50
BFL-MR-025	R1.25	4	5	50
BFL-MR-030	R1.5	3	6	50
BFL-MR-031	R1.5	4	6	50
BFL-MR-040	R2	4	8	50
BFL-MR-610	R0.5	6	2	50
BFL-MR-615	R0.75	6	3	50
BFL-MR-620	R1	6	4	50
BFL-MR-625	R1.25	6	5	50
BFL-MR-630	R1.5	6	6	50
BFL-MR-640	R2	6	8	50
BFL-MR-650	R2.5	5	10	50
BFL-MR-651	R2.5	6	10	50
BFL-MR-660	R3	6	12	50
BFL-MR-080	R4	8	16	60
BFL-MR-100	R5	10	20	75
BFL-MR-120	R6	12	25	75
BFL-MR-160	R8	16	30	100
BFL-MR-200	R10	20	30	100

加長型 Extra Length Type

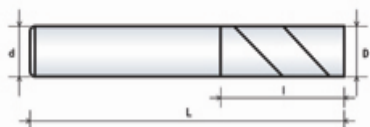
產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-LMR-040	R2	4	8	75
BFL-LMR-041	R2	4	8	100
BFL-LMR-050	R2.5	6	10	75
BFL-LMR-060	R3	6	12	75
BFL-LMR-061	R3	6	12	100
BFL-LMR-062	R3	6	30	150
BFL-LMR-080	R4	8	16	75
BFL-LMR-081	R4	8	16	100
BFL-LMR-082	R4	8	30	150
BFL-LMR-100	R5	10	20	100
BFL-LMR-101	R5	10	40	150
BFL-LMR-120	R6	12	25	100
BFL-LMR-121	R6	12	40	150
BFL-LMR-140	R7	14	40	150
BFL-LMR-160	R8	16	40	150
BFL-LMR-180	R9	18	40	150
BFL-LMR-200	R10	20	40	150

超細微粒碳化鎢 Micro Grain Carbide



650二刃四刃平底刀

650 2/4 Flutes Flat end mill



1.適合加工:銅,鐵,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鎢母材韌性高,被覆ALTiN(氮化鉍鈦),耐磨耗,非一般的鉍鈦,專用于CNC銑床高速切削。能增加光滑度,減底磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the latho efficiency, save more production time.

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LD-010	1.0	4	3	50
BFL-LD-015	1.5	4	4	50
BFL-LD-020	2.0	4	6	50
BFL-LD-025	2.5	4	8	50
BFL-LD-030	3.0	3	8	50
BFL-LD-031	3.0	4	8	50
BFL-LD-035	3.5	4	11	50
BFL-LD-040	4.0	4	11	50
BFL-LD-610	1.0	6	3	50
BFL-LD-615	1.5	6	4	50
BFL-LD-620	2.0	6	6	50
BFL-LD-625	2.5	6	8	50
BFL-LD-630	3.0	6	8	50
BFL-LD-635	3.5	6	11	50
BFL-LD-640	4.0	6	11	50
BFL-LD-645	4.5	6	13	50
BFL-LD-650	5.0	5	13	50
BFL-LD-651	5.0	6	13	50
BFL-LD-660	6.0	6	15	50
BFL-LD-070	7.0	8	20	60
BFL-LD-080	8.0	8	20	60
BFL-LD-090	9.0	10	25	75
BFL-LD-100	10.0	10	25	75
BFL-LD-120	12.0	12	30	75
BFL-LD-140	14.0	14	45	100
BFL-LD-160	16.0	16	45	100
BFL-LD-180	18.0	18	45	100
BFL-LD-200	20.0	20	45	100

加长型 Extra Length Type

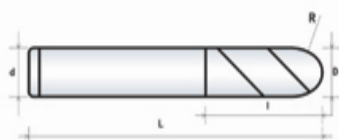
产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LLD-040	4.0	4	11	75
BFL-LLD-041	4.0	4	11	100
BFL-LLD-050	5.0	6	13	75
BFL-LLD-060	6.0	6	15	75
BFL-LLD-061	6.0	6	15	100
BFL-LLD-062	6.0	6	40	150
BFL-LLD-080	8.0	8	20	75
BFL-LLD-081	8.0	8	20	100
BFL-LLD-082	8.0	8	40	150
BFL-LLD-100	10.0	10	25	100
BFL-LLD-101	10.0	10	50	150
BFL-LLD-120	12.0	12	30	100
BFL-LLD-121	12.0	12	50	150
BFL-LLD-140	14.0	14	50	150
BFL-LLD-160	16.0	16	50	150
BFL-LLD-180	18.0	18	50	150
BFL-LLD-200	20.0	20	50	150

超細微粒碳化鈨 Micro Grain Carbide



650二刃四刃球刀

650 2/4 Flutes Ball nose end mill



1. 適合加工: 銅, 鋁, 鐵, 碳素鋼, 模具鋼, 不銹鋼, 鈦合金, 工具鋼, 熱處理鋼。
2. 主要特性: 超細微粒碳化鈨母材韌性高, 被覆ALTiN(氮化鋁鈦), 耐磨耗, 非一般的鋁鈦, 專用于CNC銑床高速切削, 能增加光滑度, 減低磨擦係數, 減少換刀次數, 提高機床效率, 節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LR-010	R0.5	4	2	50
BFL-LR-015	R0.75	4	3	50
BFL-LR-020	R1	4	4	50
BFL-LR-025	R1.25	4	5	50
BFL-LR-030	R1.5	3	6	50
BFL-LR-031	R1.5	4	6	50
BFL-LR-040	R2	4	8	50
BFL-LR-610	R0.5	6	2	50
BFL-LR-615	R0.75	6	3	50
BFL-LR-620	R1	6	4	50
BFL-LR-625	R1.25	6	5	50
BFL-LR-630	R1.5	6	6	50
BFL-LR-640	R2	6	8	50
BFL-LR-650	R2.5	5	10	50
BFL-LR-651	R2.5	6	10	50
BFL-LR-660	R3	6	12	50
BFL-LR-080	R4	8	16	60
BFL-LR-100	R5	10	20	75
BFL-LR-120	R6	12	25	75
BFL-LR-160	R8	16	30	100
BFL-LR-200	R10	20	30	100

加长型 Extra Length Type

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LLR-040	R2	4	8	75
BFL-LLR-041	R2	4	8	100
BFL-LLR-050	R2.5	6	10	75
BFL-LLR-060	R3	6	12	75
BFL-LLR-061	R3	6	12	100
BFL-LLR-062	R3	6	30	150
BFL-LLR-080	R4	8	16	75
BFL-LLR-081	R4	8	16	100
BFL-LLR-082	R4	8	30	150
BFL-LLR-100	R5	10	20	100
BFL-LLR-101	R5	10	40	150
BFL-LLR-120	R6	12	25	100
BFL-LLR-121	R6	12	40	150
BFL-LLR-140	R7	14	40	150
BFL-LLR-160	R8	16	40	150
BFL-LLR-180	R9	18	40	150
BFL-LLR-200	R10	20	40	150



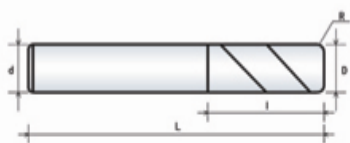
BFL NORTH CARBIDE TOOL CO.,LTD

細微粒碳化鈨 Micro Grain Carbide



450二刃四刃圓鼻刀

450 2/4 Flutes Corner Radius end mill



1.適合加工:銅,鑄鐵,碳素鋼,模具鋼。

2.主要特性:細微粒碳化鈨母材韌性高,被覆重ALTiN(氮化鉍鈦),耐磨耗,非一般的鉍鈦,專用于CNC銑床高速切削,能增加光滑度,減底磨擦系數,減少換刀次數,提高機床效率,節省工件制作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, and Mould steel processing.

2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine.

Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	刃径(D) Outside Diameter	R径(R) Radius	柄径(d) Shank Diameter	刃长(l) Flute Length	全长(L) Overall Length
BFL-ER-020-05	2.0	R0.5	4	4	50
BFL-ER-030-05	3.0	R0.5	4	5	50
BFL-ER-040-05	4.0	R0.5	4	8	50
BFL-ER-040-10	4.0	R1	4	8	50
BFL-ER-060-05	6.0	R0.5	6	12	50
BFL-ER-060-10	6.0	R1	6	12	50
BFL-ER-080-05	8.0	R0.5	8	16	60
BFL-ER-080-10	8.0	R1	8	16	60
BFL-ER-080-15	8.0	R1.5	8	16	60
BFL-ER-100-05	10.0	R0.5	10	20	75
BFL-ER-100-10	10.0	R1	10	20	75
BFL-ER-100-15	10.0	R1.5	10	20	75
BFL-ER-120-05	12.0	R0.5	12	24	75
BFL-ER-120-10	12.0	R1	12	24	75
BFL-ER-120-15	12.0	R1.5	12	24	75
BFL-ER-120-20	12.0	R2	12	24	75

加长型 Extra Length Type

产品编号 Item Code	刃径(D) Outside Diameter	R径(R) Radius	柄径(d) Shank Diameter	刃长(l) Flute Length	全长(L) Overall Length
BFL-LER-020-05	2.0	R0.5	4	4	75
BFL-LER-030-05	3.0	R0.5	4	5	75
BFL-LER-040-05	4.0	R0.5	4	8	75
BFL-LER-040-10	4.0	R1	4	8	75
BFL-LER-140-05	4.0	R0.5	4	8	100
BFL-LER-140-10	4.0	R1	4	8	100
BFL-LER-060-05	6.0	R0.5	6	12	75
BFL-LER-060-10	6.0	R1	6	12	75
BFL-LER-160-05	6.0	R0.5	6	12	100
BFL-LER-160-10	6.0	R1	6	12	100
BFL-LER-080-05	8.0	R0.5	8	16	75
BFL-LER-080-10	8.0	R1	8	16	75
BFL-LER-080-15	8.0	R1.5	8	16	75
BFL-LER-100-05	10.0	R0.5	10	20	100
BFL-LER-100-10	10.0	R1	10	20	100
BFL-LER-100-15	10.0	R1.5	10	20	100
BFL-LER-120-05	12.0	R0.5	12	24	100
BFL-LER-120-10	12.0	R1	12	24	100
BFL-LER-120-15	12.0	R1.5	12	24	100
BFL-LER-120-20	12.0	R2	12	24	100

NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide

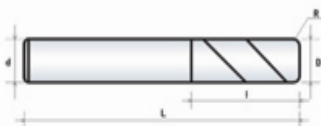


550二刃四刃圓鼻刀

550 2/4 Flutes Corner Radius end mill



各種尺寸均備現貨
Not stocked, can custom design



1.適合加工:銅,鋁鐵,碳素鋼,模具鋼,不銹鋼,鈦合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鈨母材韌性高,被覆AL-TIN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減底磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, AL-TIN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	刃徑(D) Outside Diameter	R 徑(R) Radius	柄徑(d) Shank Diameter	刃長(L) Flute Length	全長(L1) Overall Length
BFL-AR-020-05	2.0	R0.5	4	4	50
BFL-AR-030-05	3.0	R0.5	4	5	50
BFL-AR-040-05	4.0	R0.5	4	8	50
BFL-AR-040-10	4.0	R1	4	8	50
BFL-AR-060-05	6.0	R0.5	6	12	50
BFL-AR-060-10	6.0	R1	6	12	50
BFL-AR-080-05	8.0	R0.5	8	16	60
BFL-AR-080-10	8.0	R1	8	16	60
BFL-AR-080-15	8.0	R1.5	8	16	60
BFL-AR-100-05	10.0	R0.5	10	20	75
BFL-AR-100-10	10.0	R1	10	20	75
BFL-AR-100-15	10.0	R1.5	10	20	75
BFL-AR-120-05	12.0	R0.5	12	24	75
BFL-AR-120-10	12.0	R1	12	24	75
BFL-AR-120-15	12.0	R1.5	12	24	75
BFL-AR-120-20	12.0	R2	12	24	75

加長型 Extra Length Type

產品編號 Item Code	刃徑(D) Outside Diameter	R 徑(R) Radius	柄徑(d) Shank Diameter	刃長(L) Flute Length	全長(L1) Overall Length
BFL-LAR-020-05	2.0	R0.5	4	4	75
BFL-LAR-030-05	3.0	R0.5	4	5	75
BFL-LAR-040-05	4.0	R0.5	4	8	75
BFL-LAR-040-10	4.0	R1	4	8	75
BFL-LAR-140-05	4.0	R0.5	4	8	100
BFL-LAR-140-10	4.0	R1	4	8	100
BFL-LAR-060-05	6.0	R0.5	6	12	75
BFL-LAR-060-10	6.0	R1	6	12	75
BFL-LAR-160-05	6.0	R0.5	6	12	100
BFL-LAR-160-10	6.0	R1	6	12	100
BFL-LAR-080-05	8.0	R0.5	8	16	75
BFL-LAR-080-10	8.0	R1	8	16	75
BFL-LAR-080-15	8.0	R1.5	8	16	75
BFL-LAR-100-05	10.0	R0.5	10	20	100
BFL-LAR-100-10	10.0	R1	10	20	100
BFL-LAR-100-15	10.0	R1.5	10	20	100
BFL-LAR-120-05	12.0	R0.5	12	24	100
BFL-LAR-120-10	12.0	R1	12	24	100
BFL-LAR-120-15	12.0	R1.5	12	24	100
BFL-LAR-120-20	12.0	R2	12	24	100



BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈷 Micro Grain Carbide



600二刃四刃圓鼻刀

600 2/4 Flutes Corner Radius end mill

MG

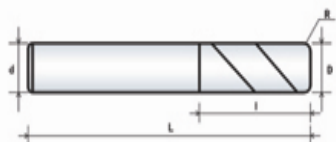


HRC
60°

CO
10-2%

ALTIN

可轉刃可換型號
For standard type, please contact us.



1.適合加工:銅,鋁,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鈷母材韌性高,被覆ALTIN(氮化鎢),耐磨利,非一般的鎢鈦,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工作製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTIN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	刃徑(D) Outside Diameter	R 徑(R) Radius	柄徑(d) Shank Diameter	刃長(L) Flute Length	全長(L1) Overall Length
BFL-MR-020-05	2.0	R0.5	4	4	50
BFL-MR-030-05	3.0	R0.5	4	5	50
BFL-MR-040-05	4.0	R0.5	4	8	50
BFL-MR-040-10	4.0	R1	4	8	50
BFL-MR-060-05	6.0	R0.5	6	12	50
BFL-MR-060-10	6.0	R1	6	12	50
BFL-MR-080-05	8.0	R0.5	8	16	60
BFL-MR-080-10	8.0	R1	8	16	60
BFL-MR-080-15	8.0	R1.5	8	16	60
BFL-MR-100-05	10.0	R0.5	10	20	75
BFL-MR-100-10	10.0	R1	10	20	75
BFL-MR-100-15	10.0	R1.5	10	20	75
BFL-MR-120-05	12.0	R0.5	12	24	75
BFL-MR-120-10	12.0	R1	12	24	75
BFL-MR-120-15	12.0	R1.5	12	24	75
BFL-MR-120-20	12.0	R2	12	24	75

加長型 Extra Length Type

產品編號 Item Code	刃徑(D) Outside Diameter	R 徑(R) Radius	柄徑(d) Shank Diameter	刃長(L) Flute Length	全長(L1) Overall Length
BFL-LMR-020-05	2.0	R0.5	4	4	75
BFL-LMR-030-05	3.0	R0.5	4	5	75
BFL-LMR-040-05	4.0	R0.5	4	8	75
BFL-LMR-040-10	4.0	R1	4	8	75
BFL-LMR-040-05	4.0	R0.5	4	8	100
BFL-LMR-040-10	4.0	R1	4	8	100
BFL-LMR-060-05	6.0	R0.5	6	12	75
BFL-LMR-060-10	6.0	R1	6	12	75
BFL-LMR-060-05	6.0	R0.5	6	12	100
BFL-LMR-060-10	6.0	R1	6	12	100
BFL-LMR-080-05	8.0	R0.5	8	16	75
BFL-LMR-080-10	8.0	R1	8	16	75
BFL-LMR-080-15	8.0	R1.5	8	16	75
BFL-LMR-100-05	10.0	R0.5	10	20	100
BFL-LMR-100-10	10.0	R1	10	20	100
BFL-LMR-100-15	10.0	R1.5	10	20	100
BFL-LMR-120-05	12.0	R0.5	12	24	100
BFL-LMR-120-10	12.0	R1	12	24	100
BFL-LMR-120-15	12.0	R1.5	12	24	100
BFL-LMR-120-20	12.0	R2	12	24	100

NORTH CARBIDE TOOL CO.,LTD



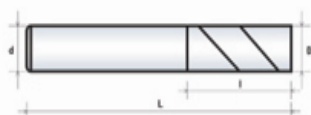
細微粒碳化鈷 Micro Grain Carbide



产品编号 Item Code	刃径(D) Outside Diameter	柄径(d) Shank Diameter	刃长(l) Flute Length	全长(L) Overall Length
BFL-AEA-010	1.0	4	3	50
BFL-AEA-015	1.5	4	4	50
BFL-AEA-020	2.0	4	6	50
BFL-AEA-025	2.5	4	8	50
BFL-AEA-030	3.0	4	8	50
BFL-AEA-040	4.0	4	11	50
BFL-AEA-050	5.0	6	13	50
BFL-AEA-060	6.0	6	15	50
BFL-AEA-080	8.0	8	20	60
BFL-AEA-100	10.0	10	25	75
BFL-AEA-120	12.0	12	30	75
BFL-AEA-140	14.0	14	45	100
BFL-AEA-160	16.0	16	45	100
BFL-AEA-180	18.0	18	45	100
BFL-AEA-200	20.0	20	45	100

500鋁用刀二刃三刃45°55°

500 2/3 Flutes Aluminum processing end mill 45°55°



適合加工:銅,鋁,合金鋁,合金銅,鎳合金,鈦合金,塑膠。

Suitable for Copper, Aluminum, Aluminum alloy, Copper alloy, Nickel alloy, Titanium alloy and Plastic processing

加长型 Extra Length Type

产品编号 Item Code	刃径(D) Outside Diameter	柄径(d) Shank Diameter	刃长(l) Flute Length	全长(L) Overall Length
BFL-AEB-030	3.0	4	11	75
BFL-AEB-040	4.0	4	11	75
BFL-AEB-041	4.0	4	11	100
BFL-AEB-050	5.0	6	13	75
BFL-AEB-060	6.0	6	15	75
BFL-AEB-061	6.0	6	15	100
BFL-AEB-062	6.0	6	15	150
BFL-AEB-080	8.0	8	40	75
BFL-AEB-081	8.0	8	20	100
BFL-AEB-082	8.0	8	40	150
BFL-AEB-100	10.0	10	25	100
BFL-AEB-101	10.0	10	50	150
BFL-AEB-120	12.0	12	30	100
BFL-AEB-121	12.0	12	50	150
BFL-AEB-140	14.0	14	50	150
BFL-AEB-160	16.0	16	50	150
BFL-AEB-180	18.0	18	50	150
BFL-AEB-200	20.0	20	50	150

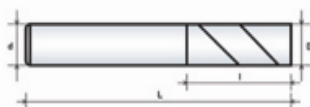
BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide



600鋁用刀二刃三刃45° 55°

600 2/3 Flutes Aluminum processing end mill 45° 55°



適合加工: 銅, 鋁, 合金鋁, 合金銅, 鎳合金, 鈦合金, 塑膠。

Suitable for Copper, Aluminum, Aluminum alloy, Copper alloy, Nickel alloy, Titanium alloy and Plastic processing

產品編號 Item Code	刃 徑(D) Outside Diameter	柄 徑(d) Shank Diameter	刃 長(l) Flute Length	全 長(L) Overall Length
BFL-BEA-010	1.0	4	3	50
BFL-BEA-015	1.5	4	4	50
BFL-BEA-020	2.0	4	6	50
BFL-BEA-025	2.5	4	8	50
BFL-BEA-030	3.0	4	8	50
BFL-BEA-040	4.0	4	11	50
BFL-BEA-050	5.0	6	13	50
BFL-BEA-060	6.0	6	15	50
BFL-BEA-080	8.0	8	20	60
BFL-BEA-100	10.0	10	25	75
BFL-BEA-120	12.0	12	30	75
BFL-BEA-140	14.0	14	45	100
BFL-BEA-160	16.0	16	45	100
BFL-BEA-180	18.0	18	45	100
BFL-BEA-200	20.0	20	45	100

加長型 Extra Length Type

產品編號 Item Code	刃 徑(D) Outside Diameter	柄 徑(d) Shank Diameter	刃 長(l) Flute Length	全 長(L) Overall Length
BFL-BEB-030	3.0	4	11	75
BFL-BEB-040	4.0	4	11	75
BFL-BEB-041	4.0	4	11	100
BFL-BEB-050	5.0	6	13	75
BFL-BEB-060	6.0	6	15	75
BFL-BEB-061	6.0	6	15	100
BFL-BEB-062	6.0	6	15	150
BFL-BEB-080	8.0	8	40	75
BFL-BEB-081	8.0	8	20	100
BFL-BEB-082	8.0	8	40	150
BFL-BEB-100	10.0	10	25	100
BFL-BEB-101	10.0	10	50	150
BFL-BEB-120	12.0	12	30	100
BFL-BEB-121	12.0	12	50	150
BFL-BEB-140	14.0	14	50	150
BFL-BEB-160	16.0	16	50	150
BFL-BEB-180	18.0	18	50	150
BFL-BEB-200	20.0	20	50	150

NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鎢 Micro Grain Carbide



六刃精銑刀

6 Flutes Finishing end mill



1.適合加工:銅,鋁,鎢鋼,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:超微粒碳化鎢母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨利,非一般的鉼鈦,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-EMD-060	6.0	6	15	50
BFL-EMD-080	8.0	8	20	60
BFL-EMD-100	10.0	10	25	75
BFL-EMD-120	12.0	12	30	75
BFL-EMD-160	16.0	16	40	100
BFL-EMD-200	20.0	20	40	100
BFL-EMD-250	25.0	25	40	100

加長型 Extra Length Type

產品編號 Item Code	刃徑(D) Outside Diameter	柄徑(d) Shank Diameter	刃長(l) Flute Length	全長(L) Overall Length
BFL-LEMD-060	6.0	6	25	75
BFL-LEMD-061	6.0	6	30	100
BFL-LEMD-080	8.0	8	35	75
BFL-LEMD-081	8.0	8	35	100
BFL-LEMD-100	10.0	10	40	100
BFL-LEMD-101	10.0	10	40	150
BFL-LEMD-120	12.0	12	45	100
BFL-LEMD-121	12.0	12	45	150
BFL-LEMD-160	16.0	16	60	150
BFL-LEMD-161	16.0	16	100	200
BFL-LEMD-200	20.0	20	80	150
BFL-LEMD-201	20.0	20	100	200



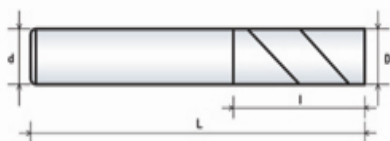
BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide



三刃四刃粗皮刀

3/4 Flutes Roughing end mill



- 1.適合加工:銅,鋁,碳素鋼,模具鋼,不銹鋼,鈦合金,工具鋼,熱處理鋼。
- 2.主要特性:細微粒碳化鈨母材韌性高,被覆蓋ALTIN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減低摩擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTIN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-DA-060	6.0	6	15	50
BFL-DA-080	8.0	8	20	60
BFL-DA-100	10.0	10	25	75
BFL-DA-120	12.0	12	30	75
BFL-DA-140	14.0	14	45	100
BFL-DA-160	16.0	16	45	100
BFL-DA-180	18.0	18	45	100
BFL-DA-200	20.0	20	45	100

加长型 Extra Length Type

产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-LDA-060	6.0	6	15	75
BFL-LDA-061	6.0	6	15	100
BFL-LDA-062	6.0	6	15	150
BFL-LDA-080	8.0	8	20	75
BFL-LDA-081	8.0	8	20	100
BFL-LDA-082	8.0	8	20	150
BFL-LDA-100	10.0	10	25	100
BFL-LDA-101	10.0	10	25	150
BFL-LDA-120	12.0	12	30	100
BFL-LDA-121	12.0	12	30	150
BFL-LDA-140	14.0	14	45	150
BFL-LDA-160	16.0	16	50	150
BFL-LDA-180	18.0	18	55	150
BFL-LDA-200	20.0	20	60	150

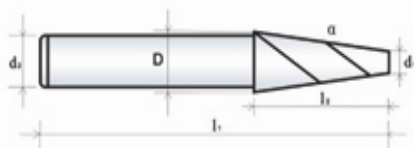
NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide



二刃四刃斜度刀

2/4 Flutes Taper end mill



1.適合加工:銅,鋁,鐵,碳素鋼,模具鋼,不銹鋼,鈹合金,工具鋼,熱處理鋼。
2.主要特性:細微粒碳化鈨母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

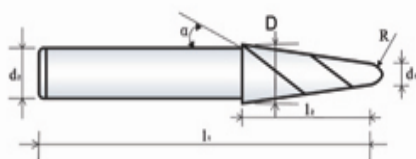
產品編號 Item Code	先端徑(d ₁) Taper First Diameter	刃長(L ₂) Flute Length	斜度(α) Taper	精端徑(D) Taper Last Diameter	全長(L ₁) Overall Length	柄徑(d ₁) Shank Diameter
BFL-FT-030-01	3.0	10	0.5°	3.17	50	4
BFL-FT-030-02	3.0	10	1.0°	3.35	50	4
BFL-FT-030-03	3.0	10	1.5°	3.52	50	4
BFL-FT-030-04	3.0	10	2.0°	3.07	50	4
BFL-FT-030-06	3.0	10	3.0°	4.05	50	6
BFL-FT-030-08	3.0	10	4.0°	4.05	50	6
BFL-FT-030-10	3.0	10	5.0°	4.75	50	6
BFL-FT-040-01	4.0	15	0.5°	4.26	50	6
BFL-FT-040-02	4.0	15	1.0°	4.52	50	6
BFL-FT-040-03	4.0	15	1.5°	4.79	50	6
BFL-FT-040-04	4.0	15	2.0°	5.05	50	6
BFL-FT-040-06	4.0	15	3.0°	5.57	50	6
BFL-FT-040-08	4.0	15	4.0°	5.57	50	8
BFL-FT-040-10	4.0	15	5.0°	6.62	60	8
BFL-FT-050-01	5.0	20	0.5°	5.35	60	6
BFL-FT-050-02	5.0	20	1.0°	5.70	60	6
BFL-FT-050-03	5.0	20	1.5°	6.05	60	8
BFL-FT-050-04	5.0	20	2.0°	6.40	60	8
BFL-FT-050-06	5.0	20	3.0°	7.10	60	8
BFL-FT-050-08	5.0	20	4.0°	7.10	60	10
BFL-FT-050-10	5.0	20	5.0°	8.50	60	10
BFL-FT-060-01	6.0	20	0.5°	6.35	60	8
BFL-FT-060-02	6.0	20	1.0°	6.70	60	8
BFL-FT-060-03	6.0	20	1.5°	7.05	60	8
BFL-FT-060-04	6.0	20	2.0°	7.40	60	8
BFL-FT-060-06	6.0	20	3.0°	8.10	75	10
BFL-FT-060-08	6.0	20	4.0°	8.10	75	10
BFL-FT-060-10	6.0	20	5.0°	9.50	75	10
BFL-FT-080-01	8.0	25	0.5°	8.44	75	10
BFL-FT-080-02	8.0	25	1.0°	8.87	75	10
BFL-FT-080-03	8.0	25	1.5°	9.31	75	10
BFL-FT-080-04	8.0	25	2.0°	9.75	75	10
BFL-FT-080-06	8.0	25	3.0°	10.62	75	12
BFL-FT-080-08	8.0	25	4.0°	10.62	75	12
BFL-FT-080-10	8.0	25	5.0°	12.37	75	12
BFL-FT-100-01	10.0	35	0.5°	10.61	100	12
BFL-FT-100-02	10.0	35	1.0°	11.22	100	12
BFL-FT-100-03	10.0	35	1.5°	11.83	100	12
BFL-FT-100-04	10.0	35	2.0°	12.44	100	12
BFL-FT-100-06	10.0	35	3.0°	13.67	100	12
BFL-FT-100-08	10.0	35	4.0°	13.67	100	16
BFL-FT-100-10	10.0	34.2	5.0°	16.00	100	16

極細微粒碳化鎢 Micro Grain Carbide



二刃斜度圓球刀

2 Flutes Taper ball nose end mill



1. 適合加工: 銅, 鑄鐵, 碳素鋼, 模具鋼, 不銹鋼, 鈦合金, 工具鋼, 熱處理鋼。
2. 主要特性: 超微粒碳化鎢母材韌性高, 被覆ALTiN(氮化鋁鈦), 耐磨耗, 非一般的鋁鈦, 專用于CNC銑床高速切削, 能增加光滑度, 減低摩擦係數, 減少換刀次數, 提高機床效率, 節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號 Item Code	先端徑(d ₁) Taper First Diameter	刃長(L ₁) Flute Length	斜度(α) Taper	精端徑(D) Taper Last Diameter	全長(L ₂) Overall Length	柄徑(d ₂) Shank Diameter
BFL-RT-030-01	R1.5	20	0.5°	3.32	60	4
BFL-RT-030-02	R1.5	20	1.0°	3.65	60	4
BFL-RT-030-03	R1.5	20	1.5°	3.97	60	4
BFL-RT-030-04	R1.5	20	2.0°	4.29	60	4
BFL-RT-030-06	R1.5	20	3.0°	4.94	60	6
BFL-RT-030-08	R1.5	20	4.0°	5.60	60	6
BFL-RT-030-10	R1.5	20	5.0°	6.25	60	6
BFL-RT-040-01	R2.0	25	0.5°	4.40	75	6
BFL-RT-040-02	R2.0	25	1.0°	4.80	75	6
BFL-RT-040-03	R2.0	25	1.5°	5.21	75	6
BFL-RT-040-04	R2.0	25	2.0°	5.61	75	6
BFL-RT-040-06	R2.0	25	3.0°	6.42	75	6
BFL-RT-040-08	R2.0	25	4.0°	7.23	75	8
BFL-RT-040-10	R2.0	25	5.0°	8.04	75	8
BFL-RT-050-01	R2.5	30	0.5°	5.48	75	6
BFL-RT-050-02	R2.5	30	1.0°	5.96	75	6
BFL-RT-050-03	R2.5	30	1.5°	6.44	75	8
BFL-RT-050-04	R2.5	30	2.0°	6.92	75	8
BFL-RT-050-06	R2.5	30	3.0°	7.89	75	8
BFL-RT-050-08	R2.5	30	4.0°	8.86	75	10
BFL-RT-050-10	R2.5	30	5.0°	9.83	75	10
BFL-RT-060-01	R3.0	35	0.5°	6.56	100	8
BFL-RT-060-02	R3.0	35	1.0°	7.12	100	8
BFL-RT-060-03	R3.0	35	1.5°	7.68	100	8
BFL-RT-060-04	R3.0	35	2.0°	8.24	100	8
BFL-RT-060-06	R3.0	35	3.0°	9.36	100	10
BFL-RT-060-08	R3.0	35	4.0°	10.49	100	12
BFL-RT-060-10	R3.0	35	5.0°	11.62	100	12
BFL-RT-080-01	R4.0	40	0.5°	8.63	100	10
BFL-RT-080-02	R4.0	40	1.0°	9.26	100	10
BFL-RT-080-03	R4.0	40	1.5°	9.89	100	10
BFL-RT-080-04	R4.0	40	2.0°	10.52	100	12
BFL-RT-080-06	R4.0	40	3.0°	11.78	100	12
BFL-RT-080-08	R4.0	40	4.0°	13.05	100	16
BFL-RT-080-10	R4.0	40	5.0°	14.33	100	16
BFL-RT-100-01	R5.0	45	0.5°	10.70	100	12
BFL-RT-100-02	R5.0	45	1.0°	11.40	100	12
BFL-RT-100-03	R5.0	45	1.5°	12.10	100	12
BFL-RT-100-04	R5.0	45	2.0°	12.80	100	16
BFL-RT-100-06	R5.0	45	3.0°	14.20	100	16
BFL-RT-100-08	R5.0	45	4.0°	15.62	100	16
BFL-RT-100-10	R5.0	45	5.0°	17.04	100	20

NORTH CARBIDE TOOL CO.,LTD

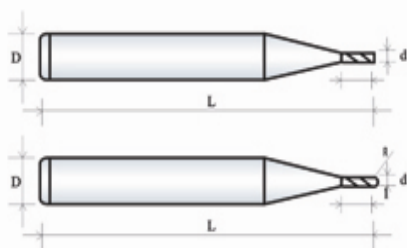
極細微粒碳化鈨 Micro Grain Carbide



产品编号 Item Code	刃 径(D) Outside Diameter	柄 径(d) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-SD-002	0.2	4	0.4	50
BFL-SD-003	0.3	4	0.6	50
BFL-SD-004	0.4	4	0.8	50
BFL-SD-005	0.5	4	1.0	50
BFL-SD-006	0.6	4	1.2	50
BFL-SD-007	0.7	4	1.4	50
BFL-SD-008	0.8	4	1.6	50
BFL-SD-009	0.9	4	1.8	50

微小徑平刀/球刀

Micro-diameter flat end mill and ball nose end mill



1. 適合加工: 銅, 鋁, 碳素鋼, 模具鋼, 不銹鋼, 鈦合金, 工具鋼, 熱處理鋼。
2. 主要特性: 細微粒碳化鈨母材韌性高, 被覆ALTiN(氮化鋁鎢), 耐磨耗, 非一般的鉋刀, 專用于CNC銑床高速切削, 能增加光滑度, 減低磨擦系數, 減少換刀次數, 提高機床效率, 節省工件制作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

产品编号 Item Code	R 径(R) Radius	柄 径(D) Shank Diameter	刃 长(l) Flute Length	全 长(L) Overall Length
BFL-SR-003	R0.15	4	0.6	50
BFL-SR-004	R0.20	4	0.8	50
BFL-SR-005	R0.25	4	1.0	50
BFL-SR-006	R0.30	4	1.2	50
BFL-SR-007	R0.35	4	1.4	50
BFL-SR-008	R0.40	4	1.6	50
BFL-SR-009	R0.45	4	1.8	50



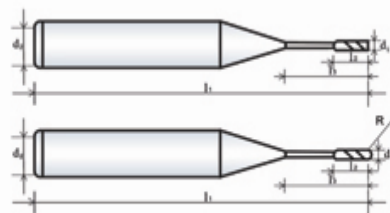
BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈷 Micro Grain Carbide



深溝刀

Long neck short flute end mill



1.適合加工:銅,鋁,硬質鋼,模具鋼,不銹鋼,鈦合金,工具鋼,熱處理鋼。
2.主要特性:細微粒碳化鈷母材韌性高,被覆ALTiN(氮化鋁鈦),耐磨耗,非一般的鋁鈦,專用于CNC銑床高速切削,能增加光滑度,減低磨擦係數,減少換刀次數,提高機床效率,節省工件製作時間。

1. Suitable for Copper, Cast Iron, Carbon steel, Mould steel, Stainless steel, Titanium Alloy, Tool steel, and Heat-treated steel processing.

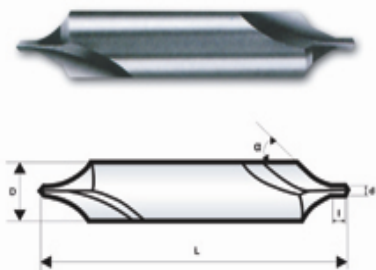
2. Main features: Grain size carbon tungsten, high toughness, ALTiN coating, high wear-resistance, special use for high speed cutting of CNC milling machine. Also can increase the smoothness, reduce the rubbing coefficient, and improve the lathe efficiency, save more production time.

產品編號	刃徑d ₁	刃長L ₂	有效長L ₁	全長L	柄徑d ₂
BFL-BD-004-02	0.4	0.6	2	50	4
BFL-BD-004-04	0.4	0.6	4	50	4
BFL-BD-005-02	0.5	0.8	2	50	4
BFL-BD-005-04	0.5	0.8	4	50	4
BFL-BD-005-06	0.5	0.8	6	50	4
BFL-BD-006-02	0.6	1.0	2	50	4
BFL-BD-006-04	0.6	1.0	4	50	4
BFL-BD-006-06	0.6	1.0	6	50	4
BFL-BD-006-08	0.6	1.0	8	50	4
BFL-BD-008-03	0.8	1.2	3	50	4
BFL-BD-008-04	0.8	1.2	4	50	4
BFL-BD-008-06	0.8	1.2	6	50	4
BFL-BD-008-08	0.8	1.2	8	50	4
BFL-BD-008-10	0.8	1.2	10	50	4
BFL-BD-010-04	1.0	1.2	4	50	4
BFL-BD-010-06	1.0	1.2	6	50	4
BFL-BD-010-08	1.0	1.2	8	50	4
BFL-BD-010-10	1.0	1.2	10	50	4
BFL-BD-010-12	1.0	1.2	12	50	4
BFL-BD-015-04	1.5	1.7	4	50	4
BFL-BD-015-06	1.5	1.7	6	50	4
BFL-BD-015-08	1.5	1.7	8	50	4
BFL-BD-015-10	1.5	1.7	10	50	4
BFL-BD-015-12	1.5	1.7	12	50	4
BFL-BD-020-06	2.0	2.2	6	50	4
BFL-BD-020-08	2.0	2.2	8	50	4
BFL-BD-020-10	2.0	2.2	10	50	4
BFL-BD-020-12	2.0	2.2	12	50	4
BFL-BD-020-14	2.0	2.2	14	50	4
BFL-BD-020-16	2.0	2.2	16	50	4
BFL-BD-030-08	3.0	3.2	8	50	4
BFL-BD-030-10	3.0	3.2	10	50	4
BFL-BD-030-12	3.0	3.2	12	50	4
BFL-BD-030-14	3.0	3.2	14	50	4
BFL-BD-030-16	3.0	3.2	16	75	4
BFL-BD-030-20	3.0	3.2	20	75	6
BFL-BD-040-12	4.0	4.2	12	75	6
BFL-BD-040-14	4.0	4.2	14	75	6
BFL-BD-040-16	4.0	4.2	16	75	6
BFL-BD-040-20	4.0	4.2	20	75	6
BFL-BD-040-25	4.0	4.2	25	75	6

產品編號	R刃徑d ₁	刃長L ₂	有效長L ₁	全長L	柄徑d ₂
BFL-BR-004-02	R0.2	0.6	2	50	4
BFL-BR-004-04	R0.2	0.6	4	50	4
BFL-BR-005-02	R0.25	0.8	2	50	4
BFL-BR-005-04	R0.25	0.8	4	50	4
BFL-BR-005-06	R0.25	0.8	6	50	4
BFL-BR-006-02	R0.3	1.0	2	50	4
BFL-BR-006-04	R0.3	1.0	4	50	4
BFL-BR-006-06	R0.3	1.0	6	50	4
BFL-BR-006-08	R0.3	1.0	8	50	4
BFL-BR-008-03	R0.4	1.2	3	50	4
BFL-BR-008-04	R0.4	1.2	4	50	4
BFL-BR-008-06	R0.4	1.2	6	50	4
BFL-BR-008-08	R0.4	1.2	8	50	4
BFL-BR-008-10	R0.4	1.2	10	50	4
BFL-BR-010-04	R0.5	1.2	4	50	4
BFL-BR-010-06	R0.5	1.2	6	50	4
BFL-BR-010-08	R0.5	1.2	8	50	4
BFL-BR-010-10	R0.5	1.2	10	50	4
BFL-BR-010-12	R0.5	1.2	12	50	4
BFL-BR-015-04	R0.75	1.7	4	50	4
BFL-BR-015-06	R0.75	1.7	6	50	4
BFL-BR-015-08	R0.75	1.7	8	50	4
BFL-BR-015-10	R0.75	1.7	10	50	4
BFL-BR-015-12	R0.75	1.7	12	50	4
BFL-BR-020-06	R1.0	2.2	6	50	4
BFL-BR-020-08	R1.0	2.2	8	50	4
BFL-BR-020-10	R1.0	2.2	10	50	4
BFL-BR-020-12	R1.0	2.2	12	50	4
BFL-BR-020-14	R1.0	2.2	14	50	4
BFL-BR-020-16	R1.0	2.2	16	50	4
BFL-BR-030-08	R1.5	3.2	8	50	4
BFL-BR-030-10	R1.5	3.2	10	50	4
BFL-BR-030-12	R1.5	3.2	12	50	4
BFL-BR-030-14	R1.5	3.2	14	50	4
BFL-BR-030-16	R1.5	3.2	16	75	4
BFL-BR-030-20	R1.5	3.2	20	75	6
BFL-BR-040-12	R2.0	4.2	12	75	6
BFL-BR-040-14	R2.0	4.2	14	75	6
BFL-BR-040-16	R2.0	4.2	16	75	6
BFL-BR-040-20	R2.0	4.2	20	75	6
BFL-BR-040-25	R2.0	4.2	25	75	6

NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鎢 Micro Grain Carbide



MG HRC $\leq 45^\circ$ HRC $\leq 55^\circ$ HRC $\leq 65^\circ$ CO 10% 非標品可接受定購 (Non-standard product can be accepted)

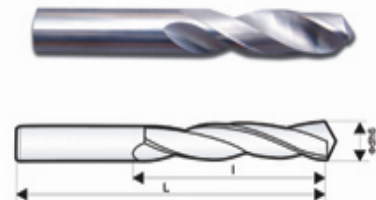
中心鑽 Center Drill

適合加工：模具鋼，鑄鐵，鈹合金，銅，鋁。

主要用于：工件的中心定位孔加工。

Suitable for Mould steel, Cast iron, Titanium alloy, Copper, and Aluminum processing. Mainly for the processing of center location hole of the workpieces.

产品编号 Item Code	刃徑(d) Outside Diameter	角度(α) Angle	外徑(D) Shank Diameter	全長(L) Overall Length	刃長(l) Flute Length
BFL-CD-010	1.0	60°	4	34	1.0
BFL-CD-015	1.5	60°	5	40	1.5
BFL-CD-020	2.0	60°	6	45	2.0
BFL-CD-025	2.5	60°	7	50	2.5
BFL-CD-030	3.0	60°	8	50	3.0
BFL-CD-040	4.0	60°	10	60	4.5
BFL-CD-050	5.0	60°	11	70	5.5



MG  HRC $\leq 45^\circ$ HRC $\leq 55^\circ$ HRC $\leq 65^\circ$ CO 10% 非標品可接受定購 (Non-standard product can be accepted)

麻花鑽 Twist Drill

適合加工：模具鋼，鑄鐵，鈹合金，銅，鋁。

主要用于：工件各種直接孔，螺紋孔，定位孔的加工。

Suitable for Mould steel, Cast iron, Titanium alloy, Copper, and Aluminum processing. Mainly for the processing of through hole, threaded hole, and location hole of the workpieces.

■ 未注公差為 ± 0.01

No note for tolerance means the tolerance is 0-0.01

■ 螺旋角為30° 鑽尖為118°

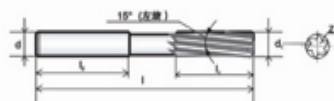
Helix angle 30°, Drill point 118°.

产品编号 Item Code	外徑(d) Outside Diameter	總長(L) Overall Length	刃長(l) Flute Length
BFL-TD-010	0.5 ~ 0.7	30	6
BFL-TD-020	0.8 ~ 0.9	30	8
BFL-TD-030	1.0 ~ 1.7	30	10
BFL-TD-040	1.2 ~ 1.4	35	12
BFL-TD-050	1.5 ~ 1.7	35	14
BFL-TD-060	1.8 ~ 1.9	40	16
BFL-TD-070	2.0 ~ 2.4	40	18
BFL-TD-080	2.5 ~ 3.0	40	20
BFL-TD-090	3.1 ~ 3.9	50	25
BFL-TD-100	4.0 ~ 5.0	50	28
BFL-TD-101	5.1 ~ 6.0	60	30
BFL-TD-102	6.1 ~ 7.0	60	32
BFL-TD-103	7.1 ~ 11	70	38
BFL-TD-104	11.1 ~ 12	70	38
BFL-TD-105	12.1 ~ 14	80	40
BFL-TD-106	16	90	45



BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈷 Micro Grain Carbide



此產品可接受定購
We accept product custom request

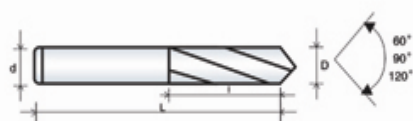
鉸 刀 Reamer

適合加工: 模具鋼, 鑄鐵, 鋁合金, 銅, 合金鋼。

主要用于: 各種發動機, 精密零件內孔的精密加工。

Suitable for Mould steel, Cast iron, Aluminum alloy, Copper, and Alloy steel processing. Mainly used in the precision-processing of the holes of engines and precision parts.

产 品 编 号	齒數Z	d1(h7)	d(h7)	l	l ₁	l ₂
BFL-RD-040	4	4.0	4	75	20	30
BFL-RD-045	4	4.5	5	75	20	30
BFL-RD-050	6	5.0	5	100	30	40
BFL-RD-055	6	5.5	6	100	30	40
BFL-RD-060	6	6.0	6	100	30	40
BFL-RD-065	6	6.5	8	100	30	40
BFL-RD-070	6	7.0	8	100	30	40
BFL-RD-080	6	8.0	8	100	30	40
BFL-RD-090	6	9.0	10	100	30	40
BFL-RD-100	6	10.0	10	100	30	40
BFL-RD-110	6	11.0	12	150	50	50
BFL-RD-120	6	12.0	12	150	50	50
BFL-RD-130	6	13.0	14	150	50	50
BFL-RD-140	8	14.0	14	150	50	50
BFL-RD-150	8	15.0	16	150	50	50
BFL-RD-160	8	16.0	16	150	50	50
BFL-RD-170	8	17.0	18	150	50	50
BFL-RD-180	8	18.0	18	200	60	60
BFL-RD-190	8	19.0	20	200	60	60
BFL-RD-200	8	20.0	20	200	60	60



此產品可接受定購
We accept product custom request

定 點 鑽 Fixed-point drill

適合加工: 模具鋼, 鑄鐵, 鋁合金, 銅, 合金鋼。

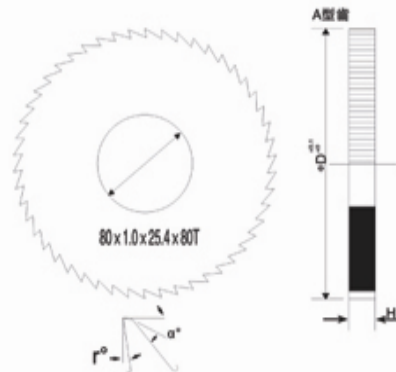
主要用于: 各種工件打孔之前的定位, 倒角。

Suitable for Mould steel, Cast iron, Aluminum alloy, Copper, and Alloy steel processing. Mainly for fixing point and chamfering before drilling the hole for the workpieces.

产 品 编 号	刃 径 (D)	柄 径 (d)	刃 长 (l)	全 长 (L)
Item Code	Outside Diameter	Shank Diameter	Flute Length	Overall Length
BFL-FP-020	2	2	4	50
BFL-FP-030	3	3	6	50
BFL-FP-040	4	4	8	50
BFL-FP-050	5	5	10	50
BFL-FP-060	6	6	12	50
BFL-FP-080	8	8	16	60
BFL-FP-100	10	10	20	75
BFL-FP-120	12	12	20	75
BFL-FP-160	16	16	25	100
BFL-FP-200	20	20	25	100
BFL-LFP-040	4	4	8	100
BFL-LFP-050	5	5	10	100
BFL-LFP-060	6	6	12	100
BFL-LFP-080	8	8	16	100
BFL-LFP-100	10	10	20	100
BFL-LFP-120	12	12	20	100

NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鎢 Micro Grain Carbide



MG



HRG
55°

CO
10%

車螺絲可接受定購
The needed products within 10 days

整體硬質合金鋸片銑刀

Solid carbide saw blade cutter

外徑 (D)	厚度(H)	內徑(d)	齒數 (T)
8	0.15~4.0	3 4	4~20
10	0.15~4.0	4 5	6~24
12	0.15~4.0	4 5 6	6~30
16	0.15~4.0	5 6 8	6~40
20	0.15~4.0	5 6 8	6~45
22	0.2~5.0	5 6 8	8~50
25	0.2~5.0	6 8 10	10~56
30	0.2~5.0	6 8 10	10~60
32	0.2~6.0	6 8 10 12.7	10~60
35	0.2~6.0	8 10 12.7	10~60
40	0.2~6.0	8 10 12.7	10~80
45	0.2~8.0	10 12.7 16	10~80
50	0.2~8.0	10 12.7 16	10~100
55	0.2~8.0	12.7 16	24~120
60	0.2~8.0	12.7 13 16	24~120
63	0.2~8.0	12.7 13 16	24~120
70	0.3~8.0	16 22 25.4	28~120

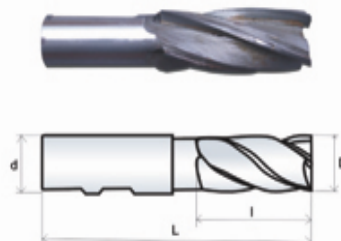
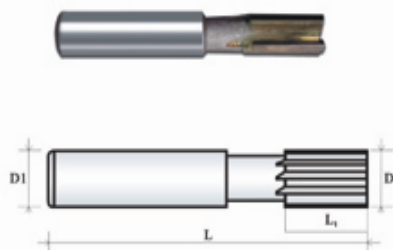
外徑 (D)	厚度(H)	內徑(d)	齒數 (T)
75	0.5~8.0	16 22 25.4	30~120
80	0.5~8.0	22 25.4	30~128
85	0.5~8.0	22 25.4	30~128
90	0.5~8.0	22 25.4	30~160
95	0.5~8.0	22 25.4	30~160
100	0.5~8.0	22 25.4 27	30~160
105	0.8~0.8	22 25.4 27	30~160
110	0.8~0.8	22 25.4 27 32	30~180
115	0.8~0.8	22 25.4 27 32	30~180
120	1.0~10.0	22 25.4 27 32	30~240
125	1.0~10.0	22 25.4 27	30~240
130	1.0~10.0	22 25.4 27 32	30~240
150	1.0~10.0	22 25.4 27 32	40~240
160	1.0~10.0	22 25.4 27 32	40~240
180	1.5~12	25.4 27 32 40	60~280
200	1.5~12	25.4 27 32 40	60~280

適合加工：不銹鋼，鑄鐵，模具鋼，鋁合金，銅，亞克力。
主要用于：手表，眼鏡，以及各種工件的溝槽和切斷加工。

Suitable for Stainless steel, Cast iron, Mould steel, Aluminum alloy, Copper and Acrylic processing. Mainly for the processing of watches and glasses, also for the workpieces' slot processing and parting.

NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鎢 Micro Grain Carbide



MG  HRC ≤45° HRC ≤55° 非標品可接受定購
No standard product accept order

焊接鉋刀 Welding Reamer

齒數 Number of Teeth(Z)	尺寸 (Size)			
	D	D ₁	L	L ₁
4	10	10	133	87
4	12	12	151	105
4	14	14	160	110
4	15	16	162	112
4	16	16	170	120
6	17	18	175	125
6	18	18	182	130
6	20	20	195	137

適合加工：鑄鐵，鋼，鋁合金，合金鋼。
主要用于：深孔，大孔的加工。

Suitable for Cast iron, Steel, Aluminum alloy, and Alloy steel processing.
Mainly for the processing of deep and large hole.

MG  HRC ≤45° HRC ≤55° 非標品可接受定購
No standard product accept order

焊接銑刀 Welding cutter

型號規格 Model	柄部直徑 Shank Diameter(d)	齒數 Number of Teeth(Z)	尺寸 (size)		
			D	L	l
HLXM 16	16	3	16	96	32
HLXM 18	16	3	18	105	38
HLXM 20	20	3	20	105	38
HLXM 22	20	3	22	105	38
HLXM 25	25	4	25	123	45
HLXM 28	25	4	28	123	45
HLXM 30	25	4	30	131	53
HLXM 32	32	4	32	135	53
HLXM 36	32	4	36	161	53
HLXM 40	40	4	40	161	53
HLXM 45	40	4	45	161	53
HLXM 50	50	6	50	192	53
HLXM 56	50	6	56	192	63
HLXM 63	63	6	63	202	63

適合加工：鑄鐵，鋼，鋁合金，合金鋼。
主要用于：大型模具，成型孔的加工。

Suitable for Cast iron, Steel, Aluminum alloy, and Alloy steel processing. Mainly for the processing of large die mold and shaped hole.

BFL NORTH CARBIDE TOOL CO.,LTD

極細微粒碳化鈨 Micro Grain Carbide

T 型 刀 T-slot milling cutter

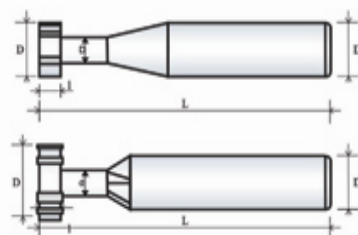
MG



HRC
≤45°

HRC
≤55°

※標品可接受定購
Not-stocked product custom ordered



型号规格 Model	T形槽基本尺寸 T slot basic size	柄部直径 Shank Diameter	齿数Z Number of Teeth	尺寸 (Size)			
				D	L	I	d
HZTXY 12	12	12	4	21	74	9	10
HZTXY 14	14	16	6	25	82	11	12
HZTXY 18	18	16	6	32	90	14	15
HZTXY 22	22	25	6	40	108	18	19
HZTXY 28	28	32	6	50	124	22	25
HZTXY 36	36	32	8	60	139	28	30

型号规格 Model	T形槽基本尺寸 T slot basic size	莫氏锥柄 Morse	齿数Z Number of Teeth	尺寸 (Size)			
				D	L	I	d
HZTXY 12	12	MW 2	4	21	100	9	10
HZTXY 14	14	MW 2	6	25	105	11	12
HZTXY 18	18	MW 2	6	32	110	14	15
HZTXY 22	22	MW 3	6	40	140	18	19
HZTXY 28	28	MW 4	6	50	175	22	25
HZTXY 36	36	MW 4	8	60	190	28	30
HZTXY 42	42	MW 5	8	72	230	35	36
HZTXY 48	48	MW 5	8	85	240	40	42
HZTXY 54	54	MW 5	8	95	150	44	44

適合加工：鑄鐵，不銹鋼，銅，鋁合金，模具鋼。
主要用于：T型槽，工件的內部溝槽。

Suitable for Cast iron, Stainless steel, Copper, Aluminum alloy, and Mould steel processing. Mainly for the processing of T-slot and inner slot of the workpieces.

極細微粒碳化鈨 Micro Grain Carbide

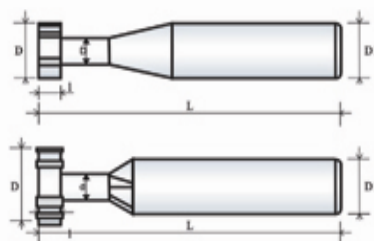
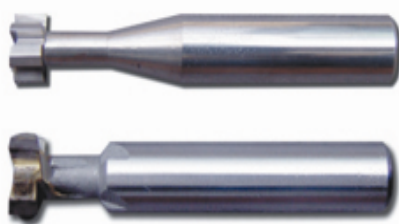
T 型 刀 T-slot milling cutter



非標品可接受定購
Non-standard product custom order



加工T型槽



型号规格 Model	T形槽基本尺寸 T slot basic size	柄部直径 Shank Diameter	齿数Z Number of Teeth	尺寸 (Size)			
				D	L	I	d
HZTX 12	12	12	4	21	74	9	10
HZTX 14	14	16	6	25	82	11	12
HZTX 18	18	16	6	32	90	14	15
HZTX 22	22	25	6	40	108	18	19
HZTX 28	28	32	6	50	124	22	25
HZTX 36	36	32	8	60	139	28	30

型号规格 Model	T形槽基本尺寸 T slot basic size	莫氏锥柄 Morse	齿数Z Number of Teeth	尺寸 (Size)			
				D	L	I	d
HZTX 12	12	MW 2	4	21	100	9	10
HZTX 14	14	MW 2	6	25	105	11	12
HZTX 18	18	MW 2	6	32	110	14	15
HZTX 22	22	MW 3	6	40	140	18	19
HZTX 28	28	MW 4	6	50	175	22	25
HZTX 36	36	MW 4	8	60	190	28	30
HZTX 42	42	MW 5	8	72	230	35	36
HZTX 48	48	MW 5	8	85	240	40	42
HZTX 54	54	MW 5	8	95	150	44	44

適合加工：鑄鐵，不銹鋼，銅，鋁合金，模具鋼。
主要用于：T型槽，工件的内部溝槽。

Suitable for Cast iron, Stainless steel, Copper, Aluminum alloy, and Mould steel
processing. Mainly for the processing of T-slot and inner slot of the workpieces.