NISSIN FALCON® Platinum Endmill

NISSIN FALCON® NEW プラチナエンドミル

薄肉高速荒・仕上げエンドミル

Thin-Wall High-Speed Roughing and Finishing Endmill

ステンレス合金・チタン合金・耐熱合金など難削材から、炭素鋼などの快削材まで、切込み量を0.1D以下に薄く超高送りで荒加工と仕上げを長寿命で行えるエンドミルです。

From difficult-to-machine materials such as stainless alloys, titanium alloys, and heat-resistant alloys to free-cutting materials such as carbon steels, it is an endmill designed to achieve long tool life in ultra-high-feed roughing and finishing with shallow depths of cut under 0.1D.

多刃 | SPBC プラチナコーティング | 40° ねじれ角

プラチナコーティングとは?

世界最先端の技術を採用。

Hv5000に迫る硬度と従来のPVDより、さらにスベリが良い。

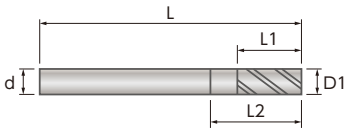
What is Platinum Coating?

Employs state-of-the-art technology.

Achieves hardness approaching Hv5000 and offers even better lubricity than conventional PVD coatings.

2027年1月以降 発売(未定)





特徴 Features

1. 難削材の超高送りに抜群。
2. 薄肉削りなので、材料剛性がない場合に相性が良い。
3. 量産で薄く寿命を伸ばしたい加工にピッタリ
4. 世界最先端のコーティングを採用

1.Outstanding performance in ultra-high-feed machining of difficult-to-cut materials.
2.Well-suited for thin-wall machining, especially when the workpiece has low rigidity.
3.Ideally suited for mass-production machining that requires thin cuts and extended tool life.
4. Employs a state-of-the-art coating.

プラチナエンドミル Platinum Endmill

(mm)

P/N 型番 Part Number	D1 刃径 Mill Dia.	L1 刃長 Flute Length	L 全長 Overall Length	d 軸径 Shank Dia.	F 刃数 No. of Flute	希望小売価格(円) Suggested Retail Price (yen)
SPAF7-6	6	20	60	6	7	未定
SPAF7-8	8	28	75	8	7	
SPAF9-10	10	35	80	10	9	
SPAF11-12	12	42	90	12	11	

プラチナラジアスエンドミル Platinum Radius Endmill

(mm)

P/N 型番 Part Number	R コーナー Corner	D1 刃径 Mill Dia.	L1 刃長 Flute Length	L 全長 Overall Length	d 軸径 Shank Dia.	F 刃数 No. of Flute	希望小売価格(円) Suggested Retail Price (yen)
SPAFR7-6-0.2R	0.2R	6	20	60	6	7	未定
SPAFR7-6-0.4R	0.4R	6	20	60	6	7	
SPAFR7-6-0.8R	0.8R	6	20	60	6	7	
SPAFR7-8-0.2R	0.2R	8	28	75	8	7	
SPAFR7-8-0.4R	0.4R	8	28	75	8	7	
SPAFR7-8-0.8R	0.8R	8	28	75	8	7	
SPAFR9-10-0.2R	0.2R	10	35	80	10	9	
SPAFR9-10-0.4R	0.4R	10	35	80	10	9	
SPAFR9-10-0.8R	0.8R	10	35	80	10	9	
SPAFR11-12-0.2R	0.2R	12	42	90	12	11	
SPAFR11-12-0.4R	0.4R	12	42	90	12	11	
SPAFR11-12-0.8R	0.8R	12	42	90	12	11	

被削材質 Work Material

炭素鋼 Carbon steel	合金鋼 Alloy steel	焼入れ鋼 Hardened steel	鋳物 Cast iron	ステンレス鋼 Stainless steel	チタン合金 Titanium	超耐熱合金 Super heat resistant alloy
≦HRc40	≦HRc45	≦HRc60				
○	○	○	○	◎	◎	◎