



Material



FLUTE



FLUTE



Helix Angle



PLAIN



Shouldering



Center Cutting



REGULAR LENGTH

Length of cut



SUPER HIGH SPEED M42

First Class Material from France



2 ฟัน

4 ฟัน

เอ็นมิลแบบ 4 ฟัน ใช้สำหรับงานด้านช่างงาน
ผิวเรียบละเอียดใช้ได้กับงานทั่วไป

These end mills are furnished as regular with right-hand cutting and right-hand helical flutes. These are designed for slotting, drilling, pocketing and general-purpose operation.

END MILL HSS กัดละเอียด 2/4 ฟัน

Dia. of Mill (mm.)	Flut	Dia. of Shank (mm.)	Length of Cut (mm.)	Overall Length (mm.)	PRICE
1.0	4F	6	4	55	320.-
1.5	4F	6	4	55	320.-
▶ 2.0	2F/4F	6	6	55	280.-
2.5	4F	6	7	55	390.-
▶ 3.0	2F	6	10	55	260.-
3.5	4F	6	12	55	260.-
▶ 4.0	2F/4F	6	12	60/55	260.-
4.5	4F	6	15	60	265.-
▶ 5.0	4F	6	15	60	265.-
5.5	4F	6	15	60	265.-
▶ 6.0	2F/4F	6	15	60	265.-
6.5	4F	8	15	65	310.-
7.0	4F	8	20	70	320.-
7.5	4F	8	20	70	320.-
▶ 8.0	2F/4F	8	20	70	320.-
8.5	4F	10	25	80	320.-
9.0	4F	10	25	80	420.-
9.5	4F	10	25	80	420.-
▶ 10.0	2F/4F	10	25	80	420.-
10.5	4F	12	30	90	550.-
11.0	4F	12	30	90	540.-
11.5	4F	12	30	90	540.-
▶ 12.0	2F/4F	12	30	90	560.-
12.5	4F	12	35	95	660.-
13.0	4F	12	35	95	660.-

Dia. of Mill (mm.)	Flut	Dia. of Shank (mm.)	Length of Cut (mm.)	Overall Length (mm.)	PRICE
13.5	4F	12	35	100	760.-
▶ 14.0	2F/4F	12	35	95	790.-
14.0	2F/4F	16	35	100	920.-
15.0	4F	16	40	105	950.-
▶ 16.0	2F/4F	16	40	105	950.-
16.5	4F	16	40	105	1,030.-
17.0	4F	16	40	105	1,030.-
17.5	4F	16	40	105	1,120.-
▶ 18.0	2F/4F	16	40	105	1,120.-
18.0	2F/4F	20	40	105	1,300.-
18.5	4F	20	45	115	1,400.-
19.0	4F	20	45	115	1,400.-
▶ 20.0	2F/4F	20	45	115	1,400.-
21.0	4F	20	45	115	1,600.-
22.0	4F	20	45	115	1,600.-
23.0	4F	25	50	125	2,200.-
24.0	4F	25	50	125	2,200.-
▶ 25.0	4F	25	50	125	2,200.-
26.0	4F	25	50	125	2,600.-
27.0	4F	25	50	125	2,600.-
28.0	4F	25	55	125	2,600.-
29.0	4F	25	55	125	2,890.-
30.0	4F	26	55	125	2,830.-
32.0	4F	32	60	145	3,650.-

Application

■ Excellent ▲ Good

Carbon Steels	Alloy Steel	Pre-hardende Steels	Hardende Steel	High Hardende Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steel	Titanium	Inconel
~225 HB	225~325 HB	30~40 HRC	40~45 HRC 45~55 HRC	55~70 HRC							
■	■	▲						▲			



Material



COARSE



FLUTE



Helix Angle



PLAIN



Shouldering



Center Cutting



Length of cut



SUPER HIGH SPEED M42

First Class Material from France



เอ็นมิลรุ่นนี้ออกแบบมาสำหรับการกัดงานหยาบ
เอาเนื้อชิ้นงานออกได้เร็ว เพื่อการทำงานที่ไวขึ้น
ใช้ได้ดีกับวัสดุที่เป็นเหล็ก และไม่ใช่เหล็ก
ไม่ควรใช้กับโลหะที่มีความแข็งเกิน 40 HRC

This general purpose rougher is designed
for high production metal removal
in a wide range of work piece materials.
It is recommended for cutting steel
grades and many non-ferrous materials.

Featurer:

- HSSCo8: High speed steel with 8% cobalt for better wear resistance.
- 4&6 FLUTE,
- SHORT LENGTH,
- CENTER CUTTING,
- ROUGHING-COARSE,
- Flatted shank
- Helix angle 30°

END MILL HSS

กัดหยาบ 4-6 ฟัน

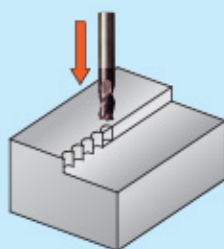
Dia. of Mill (mm.)	Dia. of Shank (mm.)	Length of Cut (mm.)	Overall Length (mm.)	PRICE
6x4F	8	15	60	590.-
7x4F	10	20	65	680.-
8x4F	10	20	65	700.-
9x4F	12	25	75	900.-
▶ 10x4F	12	25	72	950.-
▶ 12x4F	12	30	80	980.-
14x4F	16	35	90	1,300.-
▶ 16x4F	16	40	105	1,600.-
18x4F	20	40	110	1,800.-
▶ 20x4F	20	45	120	2,500.-
21x5F	20	45	120	2,600.-
22x5F	20	45	145	2,900.-
23x5F	25	50	120	2,700.-
24x5F	25	50	120	3,000.-
25x5F	25	50	125	3,200.-
25x4F	25	100	166	3,900.-
32x6F	32	60	145	5,400.-

Application

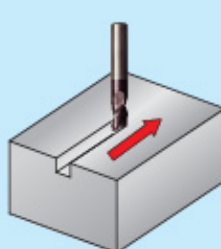
■ Excellent ▲ Good

Carbon Steels	Alloy Steel	Pre-hardende Steels	Hardende Steel	High Hardende Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steel	Titanium	Inconel
~225 HB	225~325 HB	30~40 HRC	40~45 HRC 45~55 HRC	55~70 HRC							
■	■	▲						▲			

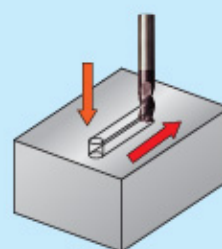
Application



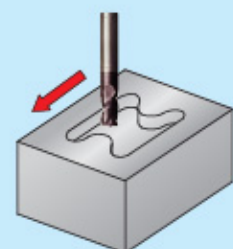
Plunge milling



Slotting



Plunge milling + Slotting



Pocketing