



Material



FLUTE



FLUTE



Helix Angle



PLAIN



Shouldering



Center Cutting



REGULAR LENGTH

Length of cut



2 ฟัน

4 ฟัน

## SUPER HIGH SPEED M42

First Class Material from France

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



SHORT LENGTH



## SUPER HIGH SPEED M42

First Class Material from France



เอ็นมิลรุ่นนี้ออกแบบมาสำหรับการกัดงานหยาบ  
เอาเนื้อชิ้นงานออกได้เร็ว เพื่อการทำงานที่ไวขึ้น  
ใช้ได้กับวัสดุที่เป็นเหล็ก 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°

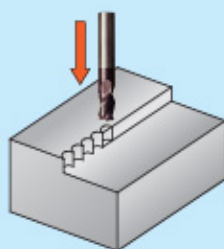
### END MILL HSS กัดหยาบ 4-6 ฟัน

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.-

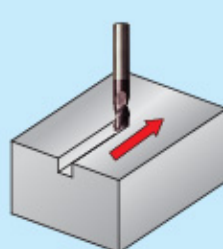
### Application

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						
■	■	▲						▲			

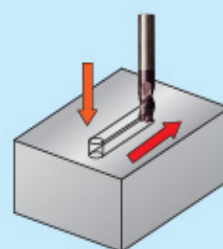
### Application



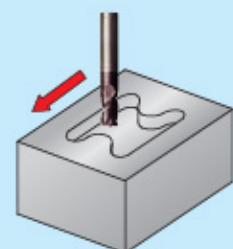
Plunge milling



Slotting



Plunge milling + Slotting



Pocketing