

# SURFACE FINISH ORIENTED, 2 FLUTES, SHARP CORNER EDGE

No. of Flutes: 2

## 2FEKS, 2FEKM

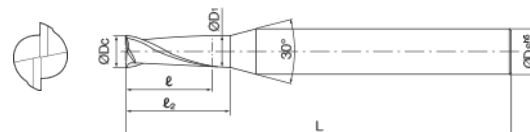


MEGACOAT is applied

Super Micro-Grain Carbide

Workpiece Materials

★: 1st Recommendation



## 2FEKS (Short)

Shouldering Slotting

(Unit : mm)

Part Number	Stock	Outside Dia. ØDc	Mill Dia. tolerance	Length of cut ℓ	Neck Dia. ØD1	Under Neck Length ℓ2	Shank Dia. ØDs	Overall length L	No. of Flutes Z
2FEKS035-052-06	○	3.5	<sup>0</sup> <sub>-0.015</sub>	5.2	3.68	7.2	6	50	2
2FEKS040-060-06	○	4.0	<sup>0</sup> <sub>-0.015</sub>	6.0	4.2	8.2	6	50	2
2FEKS045-067-06	○	4.5	<sup>0</sup> <sub>-0.015</sub>	6.7	4.7	8.9	6	50	2
2FEKS050-075-06	○	5.0	<sup>0</sup> <sub>-0.015</sub>	7.5	5.2	10.1	6	50	2
2FEKS055-082-06	○	5.5	<sup>0</sup> <sub>-0.015</sub>	8.2	5.7	10.8	6	50	2
2FEKS060-090-06	○	6.0	<sup>0</sup> <sub>-0.020</sub>	9.0	-	-	6	50	2
2FEKS080-120-08	○	8.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	12.0	-	-	8	60	2
2FEKS100-150-10	○	10.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	15.0	-	-	10	70	2
2FEKS120-180-12	○	12.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	18.0	-	-	12	75	2
2FEKS140-210-16	○	14.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	21.0	14.2	31.4	16	75	2
2FEKS150-230-16	○	15.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	23.0	15.2	35.0	16	90	2
2FEKS160-240-16	○	16.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	24.0	-	-	16	90	2

## 2FEKM (Medium)

Shouldering Slotting

(Unit : mm)

Part Number	Stock	Outside Dia. ØDc	Mill Dia. tolerance	Length of cut ℓ	Neck Dia. ØD1	Under Neck Length ℓ2	Shank Dia. ØDs	Overall length L	No. of Flutes Z
2FEKM035-100-06	○	3.5	<sup>0</sup> <sub>-0.015</sub>	10.0	3.68	12.0	6	50	2
2FEKM040-110-06	○	4.0	<sup>0</sup> <sub>-0.015</sub>	11.0	4.2	13.2	6	50	2
2FEKM045-110-06	○	4.5	<sup>0</sup> <sub>-0.015</sub>	11.0	4.7	13.2	6	50	2
2FEKM050-130-06	○	5.0	<sup>0</sup> <sub>-0.015</sub>	13.0	5.2	15.6	6	50	2
2FEKM055-130-06	○	5.5	<sup>0</sup> <sub>-0.015</sub>	13.0	5.7	15.6	6	50	2
2FEKM060-130-06	○	6.0	<sup>0</sup> <sub>-0.020</sub>	13.0	-	-	6	50	2
2FEKM065-160-08	○	6.5	<sup>0</sup> <sub>-0.020</sub>	16.0	6.7	22.4	8	60	2
2FEKM070-160-08	○	7.0	<sup>0</sup> <sub>-0.020</sub>	16.0	7.2	22.4	8	60	2
2FEKM075-190-08	○	7.5	<sup>0</sup> <sub>-0.020</sub>	19.0	7.7	26.6	8	60	2
2FEKM080-190-08	○	8.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	19.0	-	-	8	60	2
2FEKM085-190-10	○	8.5	<sup>0</sup> <sub>-0.005 -0.025</sub>	19.0	8.7	26.6	10	70	2
2FEKM090-190-10	○	9.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	19.0	9.2	26.6	10	70	2
2FEKM095-190-10	○	9.5	<sup>0</sup> <sub>-0.005 -0.025</sub>	19.0	9.7	26.6	10	70	2
2FEKM100-220-10	○	10.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	22.0	-	-	10	70	2
2FEKM110-220-12	○	11.0	<sup>0</sup> <sub>-0.005 -0.025</sub>	22.0	11.2	30.8	12	75	2
2FEKM120-260-12	○	12.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	26.0	-	-	12	75	2
2FEKM130-260-16	○	13.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	26.0	13.2	36.4	16	75	2
2FEKM140-260-16	○	14.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	26.0	14.2	36.4	16	75	2
2FEKM150-300-16	○	15.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	30.0	15.2	42.0	16	90	2
2FEKM160-320-16	○	16.0	<sup>0</sup> <sub>-0.010 -0.030</sub>	32.0	-	-	16	90	2

- MEGACOAT and sharp cutting edge enable high precision finishing due to excellent wear and heat resistance.

Recommended Cutting Conditions **L13**

GRADES A  
INSERTS B  
CBN & PCD C  
TURNING E  
BORING F  
GRINDING G  
CUT-OFF H  
THREADING J  
SOLID END MILLS L  
MILLING M  
SPARE PARTS P  
TECHNICAL R  
INDEX T