

Surface finish oriented, For automatic lathe

No. of Flutes: 2,3,4

2FESW, 3FESW, 4FESW



Workpiece Material: Kovar alloy

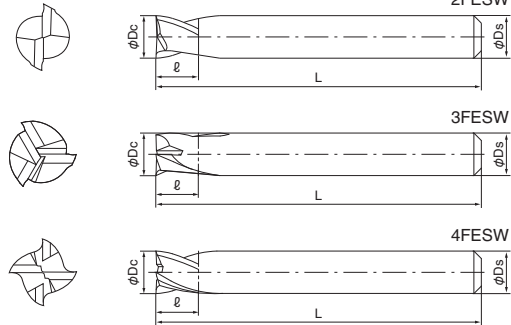
2FES ($\phi 3 \cdot 2$ flutes)		Facing of machine component •Vc=20m/min (n=2150min ⁻¹) •fz=0.023mm/t (Vf=100mm/min)
Competitor Coating C($\phi 3 \cdot 2$ flutes)		Large burrs

Comparison with competitor's endmill after 600 passes



Workpiece Materials

★ 1st choice



MEGACOAT is applied

Super Micro-grain carbide

Sharp Cutting Edge Reduces Burrs

2FESW

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		φDc		ℓ	φDs	L	Z
2FESW050-050-05A	<input type="checkbox"/>	5	⁰ _{-0.020}	5	5	35	2
2FESW060-060-05A	<input type="checkbox"/>	6	⁰ _{-0.020}	6	5	35	2
2FESW030-030-04	<input type="checkbox"/>	3	⁰ _{-0.020}	3	4	45	2
2FESW035-035-04	<input type="checkbox"/>	3.5	⁰ _{-0.020}	3.5	4	45	2
2FESW040-040-04	<input type="checkbox"/>	4	⁰ _{-0.020}	4	4	45	2
2FESW050-050-06	<input type="checkbox"/>	5	⁰ _{-0.020}	5	6	45	2
2FESW060-060-06	<input type="checkbox"/>	6	⁰ _{-0.020}	6	6	45	2
2FESW070-070-07	<input type="checkbox"/>	7	⁰ _{-0.025}	7	7	45	2
2FESW080-080-07	<input type="checkbox"/>	8	⁰ _{-0.025}	8	7	45	2
2FESW080-080-08	<input type="checkbox"/>	8	⁰ _{-0.025}	8	8	45	2
2FESW100-080-07	<input type="checkbox"/>	10	⁰ _{-0.025}	8	7	45	2
2FESW100-080-10	<input type="checkbox"/>	10	⁰ _{-0.025}	8	10	45	2
2FESW120-080-10	<input type="checkbox"/>	12	⁰ _{-0.025}	8	10	45	2
2FESW120-080-12	<input type="checkbox"/>	12	⁰ _{-0.030}	8	12	45	2
2FESW130-080-13	<input type="checkbox"/>	13	⁰ _{-0.030}	8	13	45	2

3FESW

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		φDc		ℓ	φDs	L	Z
3FESW050-050-05A	<input type="checkbox"/>	5	⁰ _{-0.020}	5	5	35	3
3FESW060-060-05A	<input type="checkbox"/>	6	⁰ _{-0.020}	6	5	35	3
3FESW030-030-04	<input type="checkbox"/>	3	⁰ _{-0.020}	3	4	45	3
3FESW035-035-04	<input type="checkbox"/>	3.5	⁰ _{-0.020}	3.5	4	45	3
3FESW040-040-04	<input type="checkbox"/>	4	⁰ _{-0.020}	4	4	45	3
3FESW050-050-06	<input type="checkbox"/>	5	⁰ _{-0.020}	5	6	45	3
3FESW060-060-06	<input type="checkbox"/>	6	⁰ _{-0.020}	6	6	45	3
3FESW070-070-07	<input type="checkbox"/>	7	⁰ _{-0.025}	7	7	45	3
3FESW080-080-07	<input type="checkbox"/>	8	⁰ _{-0.025}	8	7	45	3
3FESW080-080-08	<input type="checkbox"/>	8	⁰ _{-0.025}	8	8	45	3
3FESW100-080-07	<input type="checkbox"/>	10	⁰ _{-0.025}	8	7	45	3
3FESW100-080-10	<input type="checkbox"/>	10	⁰ _{-0.025}	8	10	45	3
3FESW120-080-10	<input type="checkbox"/>	12	⁰ _{-0.025}	8	10	45	3
3FESW120-080-12	<input type="checkbox"/>	12	⁰ _{-0.030}	8	12	45	3
3FESW130-080-13	<input type="checkbox"/>	13	⁰ _{-0.030}	8	13	45	3

4FESW

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		φDc		ℓ	φDs	L	Z
4FESW030-030-04	<input type="checkbox"/>	3	⁰ _{-0.020}	3	4	45	4
4FESW035-035-04	<input type="checkbox"/>	3.5	⁰ _{-0.020}	3.5	4	45	4
4FESW040-040-04	<input type="checkbox"/>	4	⁰ _{-0.020}	4	4	45	4
4FESW050-050-06	<input type="checkbox"/>	5	⁰ _{-0.020}	5	6	45	4
4FESW060-060-06	<input type="checkbox"/>	6	⁰ _{-0.020}	6	6	45	4
4FESW070-070-07	<input type="checkbox"/>	7	⁰ _{-0.025}	7	7	45	4
4FESW080-080-07	<input type="checkbox"/>	8	⁰ _{-0.025}	8	7	45	4

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		φDc		ℓ	φDs	L	Z
4FESW080-080-08	<input type="checkbox"/>	8	⁰ _{-0.025}	8	8	45	4
4FESW100-080-07	<input type="checkbox"/>	10	⁰ _{-0.025}	8	7	45	4
4FESW100-080-10	<input type="checkbox"/>	10	⁰ _{-0.025}	8	10	45	4
4FESW120-080-10	<input type="checkbox"/>	12	⁰ _{-0.025}	8	10	45	4
4FESW120-080-12	<input type="checkbox"/>	12	⁰ _{-0.030}	8	12	45	4
4FESW130-080-13	<input type="checkbox"/>	13	⁰ _{-0.030}	8	13	45	4

Recommended Cutting Conditions Ⓞ L36-L37

: Check Availability