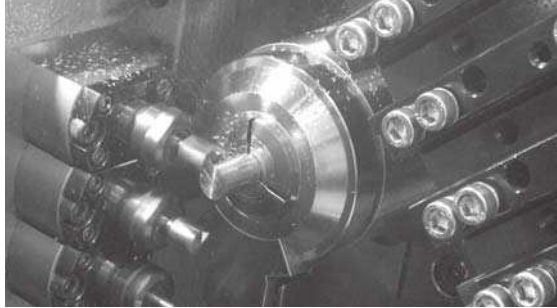


2FESW, 3FESW, 4FESW

Number of Flutes: 2, 3, 4

For automatic lathe Finishing / General use

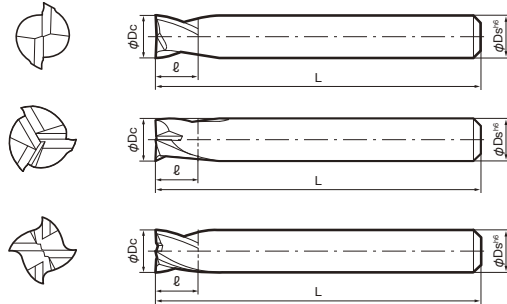


MEGACOAT is applied

Super Micro-grain carbide

Recommended Material

★ 1st Recommendation



Sharp Cutting Edge Reduced Burrs

- Applicable to the Swiss-type automatic lathe.
- Achieves high precision machining by reducing burr formation with new PVD Coated Carbide "MEGACOAT" and sharp edge.
- Easy to use total length of 35mm and 45mm are available.

Workpiece Material: Kovar		
2FES (ø3• 2flutes) ◎ Smooth surface of shoulder wall		Machine Components Facing • Vc=20m/min (n=2150min ⁻¹) • fz=0.023mm/t (Vf=100mm/min)
Competitor C (ø3•2 flutes) × Large burrs		Large burrs

Comparison with competitor's endmill after 600 passes

Lineup

Description	Std.	Outside Dia.	Outside Dia.	Length of edge	Shank Dia.	Overall length	Number of Flutes
		øDc	tolerance	ℓ	øDs	L	Z
2FESW030-030-04	●	3	0 -0.020	3	4	45	2
2FESW035-035-04	●	3.5	0 -0.020	3.5	4	45	2
2FESW040-040-04	●	4	0 -0.020	4	4	45	2
2FESW050-050-05A	●	5	0 -0.020	5	5	35	2
2FESW060-060-05A	●	6	0 -0.020	6	5	35	2
2FESW050-050-06	●	5	0 -0.020	5	6	45	2
2FESW060-060-06	●	6	0 -0.020	6	6	45	2
2FESW070-070-07	●	7	0 -0.025	7	7	45	2
2FESW080-080-07	●	8	0 -0.025	8	7	45	2
2FESW080-080-08	●	8	0 -0.025	8	8	45	2
2FESW100-080-07	●	10	0 -0.025	8	7	45	2
2FESW100-080-10	●	10	0 -0.025	8	10	45	2
2FESW120-080-10	●	12	0 -0.025	8	10	45	2
2FESW120-080-12	●	12	0 -0.030	8	12	45	2
2FESW130-080-13	●	13	0 -0.030	8	13	45	2

Description	Std.	Outside Dia.	Outside Dia.	Length of edge	Shank Dia.	Overall length	Number of Flutes
		øDc	tolerance	ℓ	øDs	L	Z
3FESW050-050-05A	●	5	0 -0.020	5	5	35	3
3FESW060-060-05A	●	6	0 -0.020	6	5	35	3
3FESW030-030-04	●	3	0 -0.020	3	4	45	3
3FESW035-035-04	●	3.5	0 -0.020	3.5	4	45	3
3FESW040-040-04	●	4	0 -0.020	4	4	45	3
3FESW050-050-06	●	5	0 -0.020	5	6	45	3
3FESW060-060-06	●	6	0 -0.020	6	6	45	3
3FESW070-070-07	●	7	0 -0.025	7	7	45	3
3FESW080-080-07	●	8	0 -0.025	8	7	45	3
3FESW080-080-08	●	8	0 -0.025	8	8	45	3
3FESW100-080-07	●	10	0 -0.025	8	7	45	3
3FESW100-080-10	●	10	0 -0.025	8	10	45	3
3FESW120-080-10	●	12	0 -0.025	8	10	45	3
3FESW120-080-12	●	12	0 -0.030	8	12	45	3
3FESW130-080-13	●	13	0 -0.030	8	13	45	3

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)