

2NFSM, 3NFSM, 3NFSL



Workpiece Materials ★ 1st choice

Uncoated

Sharp

h6
Shank Dia.

45°

2NFSM (Medium)

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		øDc		ℓ	øDs	L	Z
2NFSM010-040-04	<input type="checkbox"/>	1	-0.014 -0.028	4	4	38	2
2NFSM015-060-04	<input type="checkbox"/>	1.5	-0.014 -0.028	6	4	38	2
2NFSM020-080-04	<input type="checkbox"/>	2	-0.014 -0.028	8	4	38	2
2NFSM025-080-04	<input type="checkbox"/>	2.5	-0.014 -0.028	8	4	38	2
2NFSM030-080-06	<input type="checkbox"/>	3	-0.014 -0.028	8	6	50	2
2NFSM040-080-06	<input type="checkbox"/>	4	-0.020 -0.038	8	6	50	2
2NFSM050-140-06	<input type="checkbox"/>	5	-0.020 -0.038	14	6	50	2
2NFSM060-160-06	<input type="checkbox"/>	6	0 -0.008	16	6	50	2
2NFSM080-200-08	<input type="checkbox"/>	8	0 -0.009	20	8	63	2
2NFSM100-220-10	<input type="checkbox"/>	10	0 -0.009	22	10	76	2
2NFSM120-250-12	<input type="checkbox"/>	12	0 -0.011	25	12	76	2
2NFSM160-320-16	<input type="checkbox"/>	16	0 -0.011	32	16	89	2
2NFSM200-380-20	<input type="checkbox"/>	20	0 -0.013	38	20	104	2

* Cutting edge of over 6mm øDc has margin.

3NFSL (Long)

Shouldering

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		øDc		ℓ	øDs	L	Z
3NFSL030-190-06	<input type="checkbox"/>	3	-0.014 -0.028	19	6	63	3
3NFSL040-190-06	<input type="checkbox"/>	4	-0.020 -0.038	19	6	63	3
3NFSL050-200-06	<input type="checkbox"/>	5	-0.020 -0.038	20	6	63	3
3NFSL060-280-06	<input type="checkbox"/>	6	0 -0.008	28	6	76	3
3NFSL080-300-08	<input type="checkbox"/>	8	0 -0.009	30	8	76	3
3NFSL100-340-10	<input type="checkbox"/>	10	0 -0.009	34	10	89	3
3NFSL120-450-12	<input type="checkbox"/>	12	0 -0.011	45	12	100	3
3NFSL160-560-16	<input type="checkbox"/>	16	0 -0.011	56	16	125	3
3NFSL200-600-20	<input type="checkbox"/>	20	0 -0.013	60	20	125	3

* Cutting edge of over 6mm øDc has margin.

3NFSM (Medium)

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	No. of Flutes
		øDc		ℓ	øDs	L	Z
3NFSM030-120-06	<input type="checkbox"/>	3	-0.014 -0.028	12	6	50	3
3NFSM040-120-06	<input type="checkbox"/>	4	-0.020 -0.038	12	6	50	3
3NFSM050-140-06	<input type="checkbox"/>	5	-0.020 -0.038	14	6	50	3
3NFSM060-160-06	<input type="checkbox"/>	6	0 -0.008	16	6	50	3
3NFSM080-200-08	<input type="checkbox"/>	8	0 -0.009	20	8	63	3
3NFSM100-220-10	<input type="checkbox"/>	10	0 -0.009	22	10	76	3
3NFSM120-250-12	<input type="checkbox"/>	12	0 -0.011	25	12	76	3
3NFSM160-320-16	<input type="checkbox"/>	16	0 -0.011	32	16	89	3
3NFSM200-380-20	<input type="checkbox"/>	20	0 -0.013	38	20	104	3

* Cutting edge of over 6mm øDc has margin.

NFSM type
NFSL type
rake angle

A convex shape in the slot improves chip evacuation.

- Sharpness oriented for aluminum cutting. Good chip evacuation owing to the 45 degree helix angle.

Recommended Cutting Conditions ● L47-L48

: Check Availability

