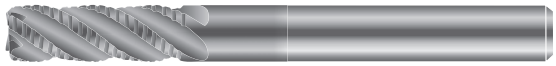
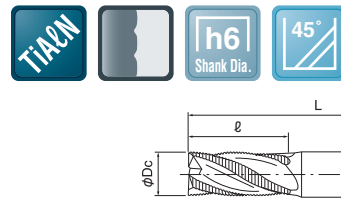
High efficiency chip evacuation, Roughing, Notched surface

No. of Flutes: 4, 6

4RFSM, 6RFSM



Workpiece Materials ★ 1st choice



4RFSM

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia. øDc	Mill Dia. tolerance	Length of cut ℓ	Shank diameter øDs	Overall length L	No. of Flutes Z
4RFSM060-130-06	□	6	-0.030 -0.105	13	6	57	4
4RFSM080-160-08	□	8	-0.040 -0.130	16	8	63	4
4RFSM100-220-10	□	10	-0.040 -0.130	22	10	72	4
4RFSM120-260-12	□	12	-0.050 -0.160	26	12	83	4
4RFSM160-320-16	□	16	-0.050 -0.160	32	16	92	4
4RFSM200-380-20	□	20	-0.065 -0.195	38	20	104	4

6RFSM

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia. øDc	Mill Dia. tolerance	Length of cut ℓ	Shank diameter øDs	Overall length L	No. of Flutes Z
6RFSM160-320-16	□	16	-0.050 -0.160	32	16	92	6
6RFSM200-380-20	□	20	-0.065 -0.195	38	20	104	6
6RFSM250-450-25	□	25	-0.065 -0.195	45	25	121	6

Recommended Cutting Conditions ➔ L44

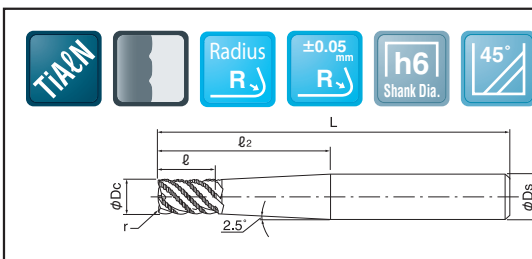
- RFS type is applicable for hardened metals and titanium alloys due to strong cutting edge with notched surface and 45 degrees helix angle.

High efficiency chip evacuation, Roughing, Notched surface, Radius

No. of Flutes: 3, 4

3RFRS, 4RFRS

Workpiece Materials ★ 1st choice



3RFRS (Radius)

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia. øDc	Mill Dia. tolerance	Length of cut ℓ	Shank diameter øDs	Overall length L	Spec of Corners r	Under Neck Length ℓ2	No. of Flutes Z
3RFRS040-040-06-R075	□	4	-0.030 -0.105	4	6	75	R 0.75	27.5	3
3RFRS050-050-06-R075	□	5	-0.030 -0.105	5	6	75	R 0.75	17	3

4RFRS (Radius)

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia. øDc	Mill Dia. tolerance	Length of cut ℓ	Shank diameter øDs	Overall length L	Spec of Corners r	Under Neck Length ℓ2	No. of Flutes Z
4RFRS060-060-10-R075	□	6	-0.030 -0.105	6	10	100	R 0.75	52.5	4
4RFRS080-080-10-R075	□	8	-0.040 -0.130	8	10	100	R 0.75	31.5	4
4RFRS100-100-12-R075	□	10	-0.040 -0.130	10	12	125	R 0.75	33.5	4
4RFRS120-120-16-R100	□	12	-0.050 -0.160	12	16	125	R 1.0	58.5	4

- Due to the strong cutting edge with large flat surface, it is suitable for handened metals and titanium alloys. It can provide good surface roughness of 2.5 to 4.9 μmRa.

Recommended Cutting Conditions ➔ L45

□ : Check Availability