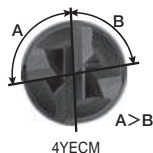


High efficiency chip evacuation, for Steel and Difficult-to-cut materials, Unequally partitioned flute design

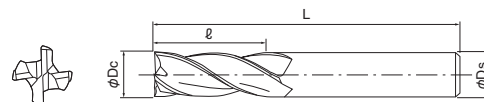
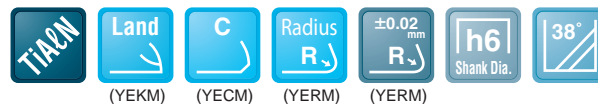
No. of Flutes: 4

4YEKM, 4YECM, 4YERM



Workpiece Materials

★ 1st choice



4YEKM (With edge chamfering)

Shouldering

Slotting

4YECM

Shouldering

Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	Spec of Corners	No. of Flutes
		øDc		ℓ	øDs	L		Z
4YEKM040-120-06	□	4	-0.020 -0.038	12	6	55	-	4
4YEKM050-130-06	□	5	-0.020 -0.038	13	6	57	-	4
4YEKM060-130-06	□	6	-0.020 -0.038	13	6	57	-	4
4YEKM080-160-08	□	8	-0.025 -0.047	16	8	63	-	4
4YEKM090-190-10	□	9	-0.025 -0.047	19	10	72	-	4
4YEKM100-220-10	□	10	-0.025 -0.047	22	10	72	-	4
4YEKM120-260-12	□	12	-0.032 -0.059	26	12	83	-	4
4YEKM160-320-16	□	16	-0.032 -0.059	32	16	92	-	4
4YEKM200-380-20	□	20	-0.040 -0.073	38	20	104	-	4
4YEKM250-450-25	□	25	-0.040 -0.073	45	25	121	-	4

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	Spec of Corners	No. of Flutes
		øDc		ℓ	øDs	L		Z
4YECM040-120-06-C04	□	4	-0.020 -0.038	12	6	55	C 0.4	4
4YECM050-130-06-C04	□	5	-0.020 -0.038	13	6	57	C 0.4	4
4YECM060-130-06-C04	□	6	-0.020 -0.038	13	6	57	C 0.4	4
4YECM080-160-08-C04	□	8	-0.025 -0.047	16	8	63	C 0.4	4
4YECM090-190-10-C05	□	9	-0.025 -0.047	19	10	72	C 0.5	4
4YECM100-220-10-C05	□	10	-0.025 -0.047	22	10	72	C 0.5	4
4YECM120-260-12-C05	□	12	-0.032 -0.059	26	12	83	C 0.5	4
4YECM160-320-16-C05	□	16	-0.032 -0.059	32	16	92	C 0.5	4
4YECM200-380-20-C05	□	20	-0.040 -0.073	38	20	104	C 0.5	4
4YECM250-450-25-C05	□	25	-0.040 -0.073	45	25	121	C 0.5	4

4YERM (Radius)

Shouldering

Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Shank diameter	Overall length	Spec of Corners	No. of Flutes
		øDc		ℓ	øDs	L		Z
4YERM040-120-06-R020	□	4	-0.020 -0.038	12	6	55	R 0.2	4
4YERM050-130-06-R020	□	5	-0.020 -0.038	13	6	57	R 0.2	4
4YERM060-130-06-R020	□	6	-0.020 -0.038	13	6	57	R 0.2	4
4YERM080-160-08-R020	□	8	-0.025 -0.047	16	8	63	R 0.2	4
4YERM090-190-10-R020	□	9	-0.025 -0.047	19	10	72	R 0.2	4
4YERM100-220-10-R030	□	10	-0.025 -0.047	22	10	72	R 0.3	4
4YERM120-260-12-R030	□	12	-0.032 -0.059	26	12	83	R 0.3	4
4YERM160-320-16-R030	□	16	-0.032 -0.059	32	16	92	R 0.3	4
4YERM200-380-20-R030	□	20	-0.040 -0.073	38	20	104	R 0.3	4
4YERM250-450-25-R030	□	25	-0.040 -0.073	45	25	121	R 0.3	4

- Variable pitch design prevents vibration and reduces cutting force during slotting. This has led to the high speed and high feed cutting. We provide three types of edge shapes for different applications; Radius, Chamfered Edge and Chamfered Corner type. There is Maximum 0.01mm back taper.

Recommended Cutting Conditions ● L41

□ : Check Availability



Solid End Mill