



YIDA PRECISION TOOLS

www.ydendmill.com



Outstanding Performance

Micro Grain Carbide End Mill

Hybrid Iron Carbide Mill

Yida Precision Tools



Killer Whale Series

Hybrid Iron Carbide Mill

Yida Precision Tools

Hybrid Iron Carbide Mill



YR

Roughing Shell End Mill, 6-8 Flutes

Type no.	Diameter		Flute Length	Overall Length	Flute NO.
	D	d1	H	L	T
YR50050	50	1"	50	65	6
YR50080	50	1"	80	95	6
YR60060	60	1" / 1 1/4"	60	75	6
YR60080	60	1" / 1 1/4"	80	100	6
YR60100	60	1" / 1 1/4"	100	120	6
YR75060	75	1 1/4"	60	80	8
YR75080	75	1 1/4"	80	100	8
YR75100	75	1 1/4"	100	120	8
YR75125	75	1 1/4"	125	145	8
YR75150	75	1 1/4"	150	170	8



YF

Finishing Shell End Mill, 6-8 Flutes

Type no.	Diameter		Flute Length	Overall Length	Flute NO.
	D	d1	H	L	T
YF50050	50	1"	50	65	6
YF50080	50	1"	80	95	6
YF60060	60	1" / 1 1/4"	60	75	6
YF60080	60	1" / 1 1/4"	80	90	6
YF75060	75	1 1/4"	60	80	8
YF75080	75	1 1/4"	80	100	8
YF75100	75	1 1/4"	100	120	8
YF75125	75	1 1/4"	125	145	8



Remarkable Efficiency

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Hybrid Iron Carbide Mill

YE

Welding carbide standard precision end mill

Type no.	Diameter	Flute Length	Overall Length	Shank Dia	Flute NO.
	D	H	L	D2	T
YE163216	16	32	100	16	4
YE173216	17	32	100	16	4
YE183520	18	35	105	20	4
YE193820	19	38	110	20	4
YE204020	20	40	110	20	4
YE214020	21	40	110	20	4
YE224020	22	40	110	20	4
YE235020	23	50	130	20	4
YE245020	24	50	130	20	4
YE255025	25	50	130	25	4
YE265025	26	50	130	25	4
YE275025	27	50	130	25	4
YE285025	28	50	130	25	4
YE295032	29	50	130	32	4
YE305032	30	50	130	32	4
YE315032	31	50	130	32	4
YE325032	32	50	130	32	4
YE335032	33	50	140	32	4
YE345032	34	50	140	32	4
YE355032	35	50	140	32	4
YE365032	36	50	140	32	4
YE385032	38	50	140	32	4
YE406332	40	63	150	32	4
YE426332	42	63	165	32	4
YE456332	45	63	165	32	4
YE486332	48	63	165	32	4
YE506332	50	63	165	32	4



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YA45

Welding carbide chamfer end mill, 2-6 Flutes

Type no.	Diameter	Flute Length	Shank Dia	Overall Length	Degrees	Flute NO.
	D	H	D2	L	θ	T
YA45220	20	10	16	90	45°	2
YA45225	25	12	16	90	45°	2
YA45230	30	15	20	100	45°	2
YA45235	35	17	20	100	45°	2
YA45440	40	20	25	100	45°	4
YA45450	50	25	32	110	45°	4
YA45660	60	30	32	120	45°	6



YT

Welding carbide T-slot milling cutters / staggered teeth (for mold machining) 4-10 Flutes

Type no.	Diameter	Flute Length	Overall Length	Shank Dia	Flute NO.
	D	H	L	D2	T
YT041604	16	4,5,6,8,10	100	12	4
YT042004	20	4,5,6,8,10	100	12	4
YT062504	25	4,5,6,8,10,12	120	16	6
YT063005	30	5,6,8,10,12	120	16	6
YT063204	32	4,5,6,8,10,12	120	16	6
YT063504	35	4,5,6,8,10,12	120	16	6
YT064005	40	5,6,8,10,12	120	25	6
YT084505	45	5,6,8,10,12	140	25	8
YT085006	50	6,8,10,12	140	25	8



Remarkable Efficiency

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YD

Dovetail Milling Cutter with Shank, 4-6 Flutes

Type no.	Diameter	Flute Length	Shank Dia	Neck Dia	Neck Length	Overall Length	Degrees	Flute NO.
	D	H	D2	d1	L1	L	θ	T
YD453016	30	8	16	11	12	100	45°	4
YD454016	40	12	16	13	15	100	45°	6
YD455020	50	15	20	17	15	105	45°	6
YD456025	60	18	25	21	15	110	45°	6
YD60082012	20	8	12	9	10	100	60°	4
YD60112512	25	11	12	10	15	100	60°	4
YD60143020	30	14	20	11	15	100	60°	4
YD60153520	35	15	20	15	15	100	60°	6
YD60174020	40	17	20	18	15	110	60°	6
YD60204520	45	20	20	19	15	115	60°	6
YD60225025	50	22	25	22	15	115	60°	6
YD60286032	60	28	32	25	15	130	60°	6

YSS

Face Milling Cutter (cylinder) with Staggered teeth, 8-18 Flutes

Type no.	Diameter	Flute Length	Shank Dia	Overall Length	Cylinder Height	Flute NO.
	D	H	d	L	H1	T
YSS14100	100	16	31.75 (1 $\frac{1}{4}$ ")	60	45	14
YSS16125	125	18	31.75 (1 $\frac{1}{4}$ ")	60	45	16
YSS18150	150	20	31.75 (1 $\frac{1}{4}$ ")	65	45	18
YSS08080	80	15	25.4 (1")	55	40	8
YSS10100	100	15	31.75 (1 $\frac{1}{4}$ ")	55	40	10
YSS14130	130	15	31.75 (1 $\frac{1}{4}$ ")	55	40	14
YSS16150	150	15	31.75 (1 $\frac{1}{4}$ ")	55	40	16

