

Hybrid Iron Carbide Mill

Yida Precision Tools



Killer Whale Series

Hybrid Iron Carbide Mill

Yida Precision Tools



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 1/2"	125	145	8
YR75150	75	1 3/4"	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 1/2"	125	145	8



Hybrid Iron Carbide Mill



Hybrid Iron Carbide Mill

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



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

www.ydendmill.com

Hybrid Iron Carbide Mill

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