

Strength with Finesse www.yida-hung.com

YDS33
Best coating performance



NC Spot Drill - 90°
NC Spot Drill - 120°

Specification

Type no.	Type no.	Diameter	Flute Length	Overall Length	Shank Dia
90°	120°	D	H	L	D2
SD2A03050-3.0	SD2B03050-3.0	3	6	50	3
SD2A04050-4.0	SD2B04050-4.0	4	8	50	4
SD2A04075-4.0	SD2B04075-4.0	4	8	75	4
SD2A06050-6.0	SD2B06050-6.0	6	12	50	6
SD2A06075-6.0	SD2B06075-6.0	6	12	75	6
SD2A08060-8.0	SD2B08060-8.0	8	16	60	8
SD2A08100-8.0	SD2B08100-8.0	8	16	100	8
SD2A10075-10.0	SD2B10075-10.0	10	20	75	10
SD2A10100-10.0	SD2B10100-10.0	10	20	100	10
SD2A10150-10.0	SD2B10150-10.0	10	20	150	10
SD2A12075-12.0	SD2B12075-12.0	12	24	75	12
SD2A12100-12.0	SD2B12100-12.0	12	24	100	12
SD2A12150-12.0	SD2B12150-12.0	12	24	150	12
SD2A16100-16.0	SD2B16100-16.0	16	30	100	16
SD2A16150-16.0	SD2B16150-16.0	16	30	150	16
SD2A20100-20.0	SD2B20100-20.0	20	30	100	20
SD2A20150-20.0	SD2B20150-20.0	20	30	150	20



YDS33SD2A
YDS33SD2B

Killer Whale Series

Micro Grain Carbide End Mill

Yida Precision Tool



Killer Whale | Customized

Killer Whale Series is a special customized tools made specifically for each customer's requirements. With your specifications in mind, YIDA can manufacture a high precision instrument to meet your needs.

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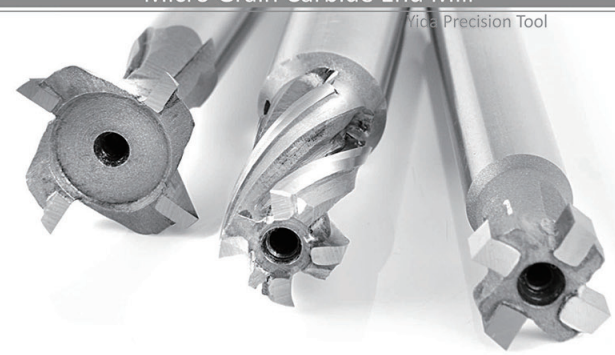
Killer Whale Series

Micro Grain Carbide End Mill

Yida Precision Tool

Customization
Special for customized

Customization
Special for customized



Long Taper-2 Flute Ball Nose End Mill

Milling parameters								
Type no.	Type no.	Diameter	Flute Length	Taper Angle	Taper Neck	Overall Length	Shank Dia	
YDS10	YDH88	D	H	α	H1	L	D2	
BG2A0607503-R0.5	BG2A0607503-R0.5	R0.5	2	3°	32	75	6	
BG2A0607505-R0.5	BG2A0607505-R0.5	R0.5	2	5°	32	75	6	
BG2A0610003-R1.0	BG2A0610003-R1.0	R1.0	4	3°	27	100	6	
BG2A0610005-R1.0	BG2A0610005-R1.0	R1.0	4	5°	27	100	6	
BG2A0610015-R1.5	BG2A0610015-R1.5	R1.5	6	1.5°	35	100	6	
BG2A0610003-R1.5	BG2A0610003-R1.5	R1.5	6	3°	35	100	6	
BG2A0610015-R2.0	BG2A0610015-R2.0	R2.0	8	1.5°	28	100	6	
BG2A0610003-R2.0	BG2A0610003-R2.0	R2.0	8	3°	28	100	6	
BG2A0810003-R3.0	BG2A0810003-R3.0	R3.0	12	3°	32	100	8	
BG2A0815003-R3.0	BG2A0815003-R3.0	R3.0	12	3°	32	150	8	
BG2A1010005-R3.0	BG2A1010005-R3.0	R3.0	12	5°	35	100	10	
BG2A1015005-R3.0	BG2A1015005-R3.0	R3.0	12	5°	35	150	10	
BG2A1010003-R4.0	BG2A1010003-R4.0	R4.0	16	3°	36	100	10	
BG2A1015003-R4.0	BG2A1015003-R4.0	R4.0	16	3°	36	150	10	
BG2A1210005-R4.0	BG2A1210005-R4.0	R4.0	16	5°	39	100	12	
BG2A1215005-R4.0	BG2A1215005-R4.0	R4.0	16	5°	39	150	12	
BG2A1210003-R5.0	BG2A1210003-R5.0	R5.0	20	3°	40	100	12	
BG2A1215003-R5.0	BG2A1215003-R5.0	R5.0	20	3°	40	150	12	
BG2A1610005-R6.0	BG2A1610005-R6.0	R6.0	24	5°	47	100	16	
BG2A1615005-R6.0	BG2A1615005-R6.0	R6.0	24	5°	47	150	16	



BG2A

Roughing Shell End Mill, 6-8 Flutes

Milling parameters					
Type no.	Diameter	Flute Length		Overall Length	Flute NO.
	D	d1	H	L	T
YCR50050	50	1"	50	65	6
YCR50080	50	1"	80	95	6
YCR60060	60	1" 11/4"	60	75	6
YCR60080	60	1" 11/4"	80	100	6
YCR60100	60	1" 11/4"	100	120	6
YCR75060	75	1 1/4"	60	80	8
YCR75080	75	1 1/4"	80	100	8
YCR75100	75	1 1/4"	100	120	8
YCR75125	75	1 1/4"	125	145	8
YCR75150	75	1 1/4"	150	170	8



YCR

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Finishing Shell End Mill, 6-8 Flutes

Milling parameters					
Type no.	Diameter		Flute Length	Overall Length	Flute NO.
	D	d1	H	L	T
YC50050	50	1"	50	65	6
YC50080	50	1"	80	95	6
YC60060	60	1" 1/4"	60	75	6
YC60080	60	1" 1/4"	80	90	6
YC75060	75	1 1/4"	60	80	8
YC75080	75	1 1/4"	80	100	8
YC75100	75	1 1/4"	100	120	8
YC75125	75	1 1/4"	125	145	8



YC



Welding carbide standard precision end mill with straight shank (2/3/4 flutes and over center cutting)

Milling parameters					
Type no.	Diameter	Flute Length	Overall Length	Shank Dia.	Flute NO.
	D	H	L	D2	T
YEC132512	13	25	85	12	2/3
YEC142512	14	25	85	12	2/3
YEC153216	15	32	100	16	2/3
YEC163216	16	32	100	16	2/3
YEC173216	17	32	100	16	2/3
YEC183220	18	32	100	20	2/3
YEC193220	19	32	100	20	2/3
YEC204020	20	40	110	20	2/3
YEC214020	21	40	110	20	2/3
YEC224020	22	40	110	20	2/3
YEC235025	23	50	130	25	2/3
YEC245025	24	50	130	25	2/3
YEC255025	25	50	130	25	2/3
YEC265025	26	50	130	25	2/3
YEC275025	27	50	130	25	2/3
YEC285025	28	50	130	25	2/3
YEC295025	29	50	130	25	2/3
YEC305025	30	50	130	25	2/3
YEC315025	31	50	130	25	2/3
YEC325032	32	50	140	32	2/3/4
YEC335032	33	50	140	32	2/3/4
YEC345032	34	50	140	32	2/3/4
YEC355032	35	50	140	32	2/3/4
YEC365032	36	50	140	32	2/3/4
YEC385032	38	50	140	32	2/3/4
YEC406332	40	63	150	32	2/3/4
YEC426342	42	63	170	42	2/3/4
YEC456342	45	63	170	42	2/3/4
YEC486342	48	63	170	42	2/3/4
YEC506342	50	63	170	42	2/3/4



YEC

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Welding carbide standard precision end mill

Milling parameters					
Type no.	Diameter	Flute Length	Overall Length	Shank Dia	Flute NO.
	D	H	L	D2	T
Ye163216	16	32	100	16/MT	4
YE173216	17	32	100	16/MT	4
YE183520	18	35	105	20/MT	4
YE193820	19	38	110	20/MT	4
YE204020	20	40	110	20/MT	4
YE214020	21	40	110	20/MT	4
YE224020	22	40	110	20/MT	4
YE235020	23	50	130	20/MT	4
YE245020	24	50	130	20/MT	4
YE255025	25	50	130	25/MT	4
YE265025	26	50	130	25/MT	4
YE275025	27	50	130	25/MT	4
YE285025	28	50	130	25/MT	4
YE295032	29	50	130	32/MT	4
YE305032	30	50	130	32/MT	4
YE315032	31	50	130	32/MT	4
YE325032	32	50	130	32/MT	4
YE335032	33	50	140	32/MT	4
YE345032	34	50	140	32/MT	4
YE355032	35	50	140	32/MT	4
YE365032	36	50	140	32/MT	4
YE385032	38	50	140	32/MT	4
YE406332	40	63	150	32/MT	4
YE426332	42	63	165	32/MT	4
YE456332	45	63	165	32/MT	4
YE486332	48	63	165	32/MT	4
YE506332	50	63	165	32/MT	4



YE

Welding carbide side milling cutter

Milling parameters	
Straight teeth	Staggered teeth
Dia. x Thickness x Tooth no.	Dia. x Thickness x Tooth no.
YS-75 x 3 x 16T	YS-75 x 8 x 14T
YS-75 x 4 x 16T	YS-75 x 9 x 14T
YS-75 x 5 x 16T	YS-75 x 10 x 14T
YS-75 x 6 x 16T	YS-75 x 11 x 14T
YS-75 x 7 x 16T	YS-75 x 12 x 14T
YS-100 x 3 x 18T	YS-100 x 8 x 16T
YS-100 x 4 x 18T	YS-100 x 9 x 16T
YS-100 x 5 x 18T	YS-100 x 10 x 16T
YS-100 x 6 x 18T	YS-100 x 11 x 16T
YS-100 x 7 x 18T	YS-100 x 12 x 16T
YS-125 x 3 x 20T	YS-125 x 8 x 18T
YS-125 x 4 x 20T	YS-125 x 9 x 18T
YS-125 x 5 x 20T	YS-125 x 10 x 18T
YS-125 x 6 x 20T	YS-125 x 11 x 18T
YS-125 x 7 x 20T	YS-125 x 12 x 18T
YS-150 x 3 x 22T	YS-150 x 8 x 20T
YS-150 x 4 x 22T	YS-150 x 9 x 20T
YS-150 x 5 x 22T	YS-150 x 10 x 20T
YS-150 x 6 x 22T	YS-150 x 11 x 20T
YS-150 x 7 x 22T	YS-150 x 12 x 20T
YS-175 x 5 x 24T	YS-175 x 8 x 22T
YS-175 x 6 x 24T	YS-175 x 9 x 22T
YS-175 x 7 x 24T	YS-175 x 10 x 22T
	YS-175 x 11 x 22T
	YS-175 x 12 x 22T
YS-200 x 5 x 26T	YS-200 x 8 x 24T
YS-200 x 6 x 26T	YS-200 x 9*24T
YS-200 x 7 x 26T	YS-200 x 10*24T
	YS-200 x 11 x 24T
	YS-200 x 12 x 24T



YS

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YT



YA45

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

Milling parameters

Type no.	Diameter		Shank Dia	Neck Dia	Neck Length	Overall Length	Flute NO.
	D	H					
YT041604	16	4/5	12	7	15	100	4
YT041905	19	5	12	10	15	100	4
YT042004	20	4/5/6/8/10	12	10	15	100	4
YT062504	25	4/5/6/8/10/12	16	13	15	120	6
YT063005	30	5/6/8/10/12	16	15	15	120	6
YT063204	32	4/5/6/8/10/12	16	15	15	120	6
YT063504	35	4/5/6/8/10/12	16	15	15	120	6
YT064005	40	5/6/8/10/12	25	21	15	140	6
YT084505	45	5/6/8/10/12	25	23	15	140	8
YT085006	50	6/8/10/12	25	25	15	140	8
YT106010	60	1/10	32	30	20	140	10

Welding carbide chamfer end mill, 2-6 Flutes

Milling parameters

Type no.	Diameter		Shank Dia	Overall Length	Degrees	Flute NO.
	D	H				
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

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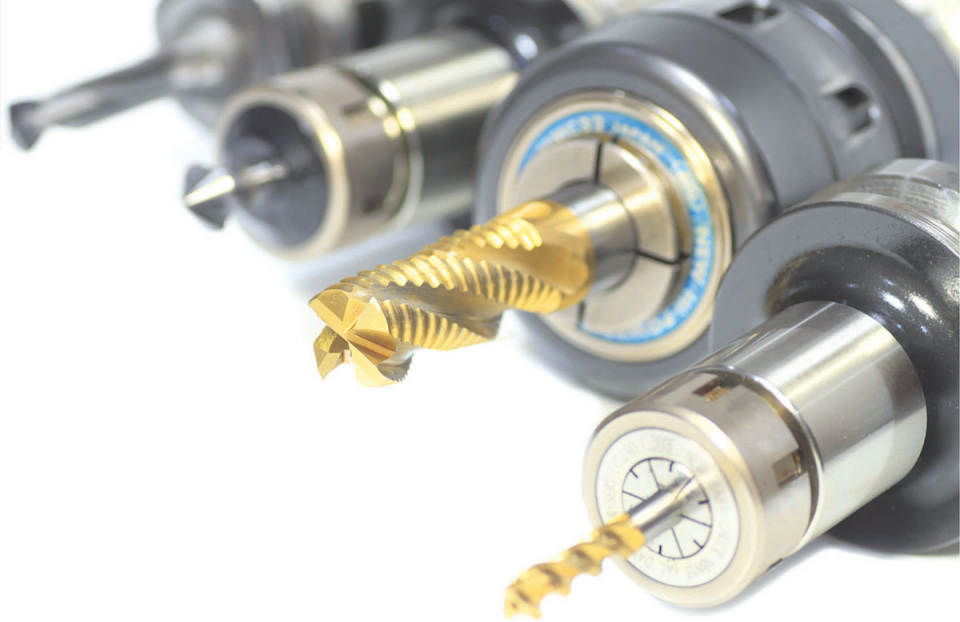
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Dovetail Milling Cutter with Shank, 4-6 Flutes

Milling parameters								
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



YD



Milling Conditions

Yida Precision Tool

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

Milling parameters						
Type no.	Diameter	Flute Length	Shank Dia	Overall Length	Cylinder Height	Flute NO.
	D	H	d	L	H1	T
YSS14100	100	16	31.75 (11/4")	60	45	14
YSS16125	125	18	31.75 (11/4")	60	45	16
YSS18150	150	20	31.75 (11/4")	65	45	18
YSS08080	80	15	25.4 (1")	55	40	8
YSS10100	100	15	31.75 (11/4")	55	40	10
YSS14130	130	15	31.75 (11/4")	55	40	14
YSS16150	150	15	31.75 (11/4")	55	40	16



YSS