

Yida Precision Tool



### Hummingbird – YDS33

The Hummingbird Series is designed on the basis of processing aluminum. It brings you a smooth chip removal and high performance with optimum surface finish.

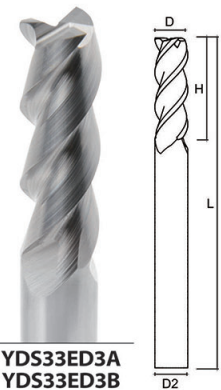
ISO code	USA code	Grain Size	Cobalt Percentage	Density	Hardness		
			Co(%)	g/cm <sup>3</sup>	HV10	HV30	HRA
K20-K40	C-2	0.6µm	10.0	14.45	1680	1660	92.3



### 3 Flutes End Mill for Soft Metal - 45° 3 Flutes End Mill for Soft Metal - 55°

#### Specification

Type no.	Type no.	Diameter	Flute Length	Overall Length	Shank Dia
45 Degrees	55 Degrees	D	H	L	D2
ED3A06050-1.0	ED3B06050-1.0	1	3	50	6
ED3A06050-2.0	ED3B06050-2.0	2	6	50	6
ED3A06050-3.0	ED3B06050-3.0	3	9	50	6
ED3A06050-4.0	ED3B06050-4.0	4	12	50	6
ED3A06050-5.0	ED3B06050-5.0	5	15	50	6
ED3A06050-6.0	ED3B06050-6.0	6	18	50	6
ED3A08060-8.0	ED3B08060-8.0	8	24	60	8
ED3A10075-10.0	ED3B10075-10.0	10	30	75	10
ED3A12075-12.0	ED3B12075-12.0	12	30	75	12
ED3A16100-16.0	ED3B16100-16.0	16	45	100	16
ED3A20100-20.0	ED3B20100-20.0	20	45	100	20
ED3A25100-25.0	ED3B25100-25.0	25	45	100	25



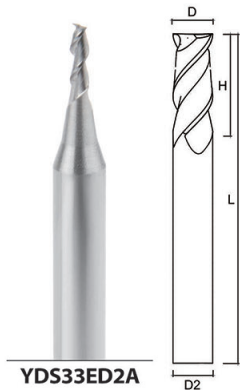
YDS33ED3A  
YDS33ED3B



### 2 Flutes End Mill for Soft Metal - 45°

#### Specification

Type no.	Diameter	Flute Length	Overall Length	Shank Dia
45 Degrees	D	H	L	D2
ED2A06050-1.0	1	3	50	6
ED2A06050-2.0	2	6	50	6
ED2A06050-3.0	3	9	50	6
ED2A06050-4.0	4	12	50	6
ED2A06050-5.0	5	15	50	6
ED2A06050-6.0	6	18	50	6
ED2A08060-8.0	8	24	60	8
ED2A10075-10.0	10	30	75	10
ED2A12075-12.0	12	30	75	12
ED2A16100-16.0	16	45	100	16
ED2A20100-20.0	20	45	100	20
ED2A25100-25.0	25	45	100	25



YDS33ED2A



## Long Flute, 3 Flutes End Mill for Soft Metal - 45° Long Flute, 3 Flutes End Mill for Soft Metal - 55°

Specification						
Type no.	Type no.	Diameter	Flute Length	Overall Length	Shank Dia	
45 Degrees	55 Degrees	D	H	L	D2	
EDF3A06075-3.0	EDF3B06075-3.0	3	15	75	6	
EDF3A06075-4.0	EDF3B06075-4.0	4	20	75	6	
EDF3A06075-5.0	EDF3B06075-5.0	5	25	75	6	
EDF3A06075-6.0	EDF3B06075-6.0	6	30	75	6	
EDF3A08100-8.0	EDF3B08100-8.0	8	40	100	8	
EDF3A10100-10.0	EDF3B10100-10.0	10	45	100	10	
EDF3A12100-12.0	EDF3B12100-12.0	12	50	100	12	
EDF3A16150-16.0	EDF3B16150-16.0	16	80	150	16	
EDF3A20150-20.0	EDF3B20150-20.0	20	80	150	20	



YDS33EDF3A  
YDS33EDF3B



## 3 Flutes Roughing End Mill for Soft Metal

Specification					
Type no.	Diameter	Flute Length	Overall Length	Shank Dia	
	D	H	L	D2	
HED3A06050-1.0	1	3	50	6	
HED3A06050-2.0	2	6	50	6	
HED3A06050-3.0	3	9	50	6	
HED3A06050-4.0	4	12	50	6	
HED3A06050-5.0	5	15	50	6	
HED3A06050-6.0	6	18	50	6	
HED3A08060-8.0	8	24	60	8	
HED3A10075-10.0	10	30	75	10	
HED3A12075-12.0	12	30	75	12	
HED3A16100-16.0	16	45	100	16	
HED3A20100-20.0	20	45	100	20	
HED3A25100-25.0	25	45	100	25	



YDS33HED3A



## Long Shank, 3 Flutes End Mill for Soft Metal - 45° Long Shank, 3 Flutes End Mill for Soft Metal - 55°

Specification						
Type no.	Type no.	Diameter	Flute Length	Overall Length	Shank Dia	
45 Degrees	55 Degrees	D	H	L	D2	
EDL3A06075-3.0	EDL3B06075-3.0	3	9	75	6	
EDL3A06075-4.0	EDL3B06075-4.0	4	12	75	6	
EDL3A06075-5.0	EDL3B06075-5.0	5	15	75	6	
EDL3A06075-6.0	EDL3B06075-6.0	6	18	75	6	
EDL3A06100-6.0	EDL3B06100-6.0	6	18	100	6	
EDL3A08100-8.0	EDL3B08100-8.0	8	24	100	8	
EDL3A10100-10.0	EDL3B10100-10.0	10	30	100	10	
EDL3A12100-12.0	EDL3B12100-12.0	12	30	100	12	
EDL3A16150-16.0	EDL3B16150-16.0	16	48	150	16	
EDL3A20150-20.0	EDL3B20150-20.0	20	60	150	20	



YDS33EDL3A  
YDS33EDL3B



## 3 Flutes Heavy Cutting for Soft Metal

Specification					
Type no.	Diameter	Flute Length	Overall Length	Shank Dia	
	D	H	L	D2	
EDP3A06050-1.0	1	3	50	6	
EDP3A06050-2.0	2	6	50	6	
EDP3A06050-3.0	3	9	50	6	
EDP3A06050-4.0	4	12	50	6	
EDP3A06050-5.0	5	15	50	6	
EDP3A06050-6.0	6	18	50	6	
EDP3A08060-8.0	8	24	60	8	
EDP3A10075-10.0	10	30	75	10	
EDP3A12075-12.0	12	30	75	12	
EDP3A16100-16.0	16	45	100	16	
EDP3A20100-20.0	20	45	100	20	
EDP3A25100-25.0	25	45	100	25	



YDS33EDP3A

# 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.