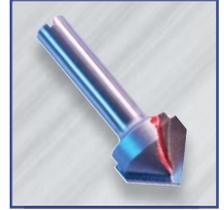
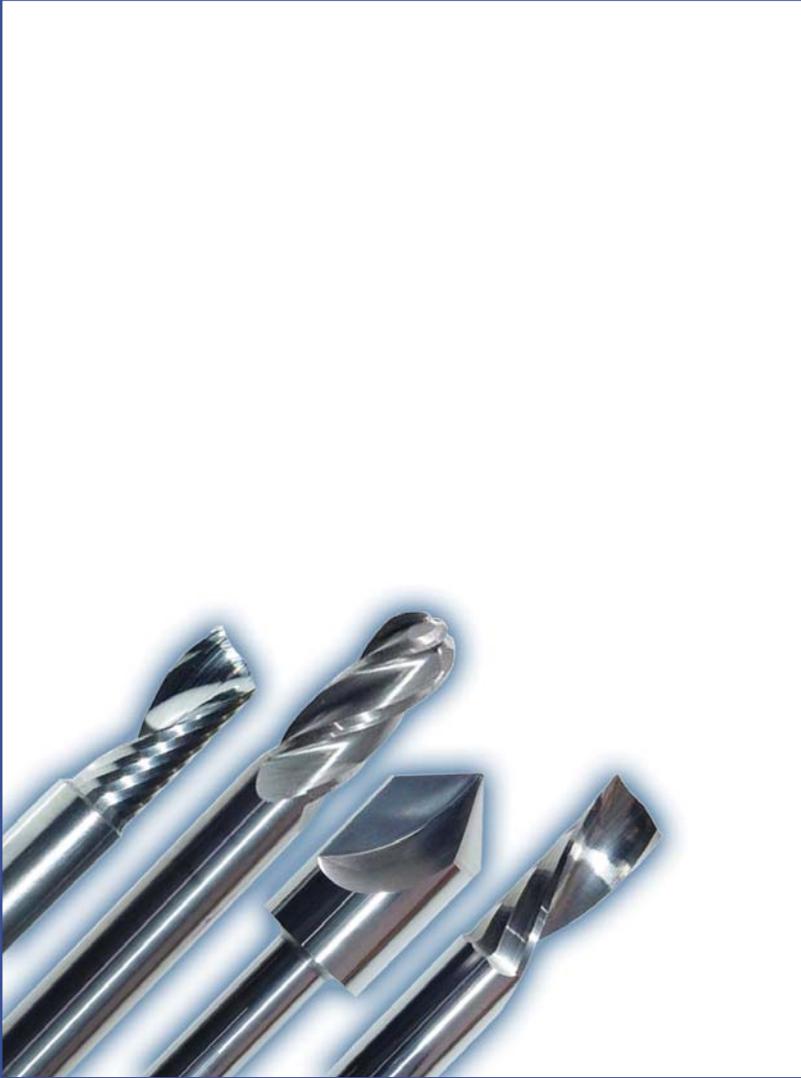


# Shenzhen Oyea Machinery Co., Ltd.

# Tooling and Consumables

## For CNC Routers



**Plastics**

**Woods**

**Foam**

Solid Carbide tooling with a single upward spiral flute. These tools give a high quality cut finish on a range of materials including plastics, woods and foams. They are especially effective for machining acrylics where they should produce a smooth and consistent finish. The upward spiral flute geometry provides excellent chip clearance.



### Metric Sizes

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
13010	1mm	3mm	4mm	30mm	\$36.51
13015	1.5mm	3mm	6mm	30mm	\$38.46
13020	2mm	2mm	8mm	30mm	\$20.49
13030	3mm	3mm	10mm	30mm	\$21.29
13040	4mm	4mm	12mm	60mm	\$22.07
13050	5mm	5mm	16mm	60mm	\$25.98
13060	6mm	6mm	20mm	60mm	\$29.49
13080	8mm	8mm	22mm	60mm	\$52.12
13100	10mm	10mm	30mm	75mm	\$61.90
13120	12mm	12mm	30mm	75mm	\$76.73

### Imperial Sizes

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
13159	1/16"	1/8"	1/4"	1 1/2"	\$40.42
13317A	1/8"	1/8"	1/2"	2"	\$21.86
13317	1/8"	1/4"	1/2"	1 1/2"	\$33.40
13317B	1/8"	1/8"	3/4"	2"	\$31.63
13476A	3/16"	3/16"	5/8"	2"	\$24.40
13476	3/16"	1/4"	5/8"	2"	\$33.40
13476B	3/16"	1/4"	1 1/4"	3"	\$50.19
13635	1/4"	1/4"	3/4"	2"	\$33.40
13635A	1/4"	1/4"	1 1/2"	3"	\$51.56
13635B	1/4"	1/4"	2 1/4"	3 3/4"	\$59.94
13635C	1/4"	1/4"	1 1/8"	3"	\$44.33
13952	3/8"	3/8"	1 1/8"	3"	\$67.17
13127	1/2"	1/2"	1 1/4"	3"	\$85.92
13127A	1/2"	1/4"	2"	4"	\$103.28

# Belin Upcut Bits - Aluminum

Shenzhen Oyea Machinery Co., Ltd.

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
33317	1/8"	1/4"	5/16"	1 1/2"	\$37.29
33317A	1/8"	1/8"	5/16"	1 1/2"	\$26.55
33476	3/16"	1/4"	1/2"	2"	\$37.29
33476A	3/16"	3/16"	1/2"	2"	\$30.45
33476B	3/16"	3/16"	5/8"	2"	\$34.55
33635	1/4"	1/4"	5/8"	2"	\$37.29
33635A	1/4"	1/4"	3/4"	2"	\$39.44
33952	3/8"	3/8"	1"	3"	\$94.31

## Belin Downcut Bits

Single flute solid carbide tool with down spiral geometry. Suitable for use on a wide range of plastics and woods. This bit is a popular choice when working with laminated materials, the down spiral geometry prevents de-lamination of the upper surface.

Plastics

Woods

Foam



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
22317	1/8"	1/4"	5/16"	1 1/2"	\$37.29
12317	1/8"	1/4"	1/2"	1 1/2"	\$33.40
12476	3/16"	1/4"	5/8"	2"	\$33.40
12635	1/4"	1/4"	3/4"	2"	\$33.40
12952	3/8"	3/8"	3/8"	3"	\$67.17
12127	1/2"	1/2"	1 1/4"	3"	\$72.60

## Belin Downcut Bits - Aluminum

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
22317	1/8"	1/4"	5/16"	1 1/2"	\$37.29
22476	3/16"	1/4"	3/16"	2"	\$31.52
22635	1/4"	1/4"	5/8"	2"	\$37.29

<https://www.china-oyea.com/>

# Onsrud Upcut Bits

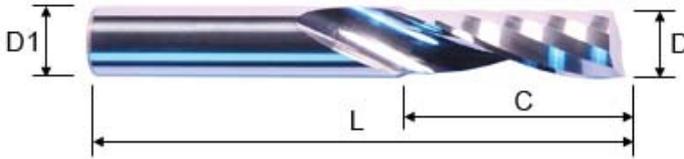
Shenzhen Oyea Machinery Co., Ltd.

Plastics

Woods

Foam

Solid Carbide tooling with a single upward spiral flute. These tools give a high quality cut finish on a range of materials including plastics, woods and foams. They are especially effective for machining acrylics where they should produce a smooth and consistent finish. The upward spiral flute geometry provides excellent chip clearance.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
65-000	1/16"	1/8"	1/4"	2"	\$34.05
63-618	3/16"	1/4"	5/8"	2"	\$40.05
65-020	3/16"	1/4"	1 1/4"	3"	\$58.65
65-023	1/4"	1/4"	5/8"	2"	\$46.60

## Onsrud Upcut Bits - Hard Plastics

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
63-700	1/16"	1/4"	1/4"	2"	\$29.00
63-706	1/8"	1/4"	5/8"	2 1/2"	\$32.80
63-707	1/8"	1/4"	3/4"	2 1/2"	\$34.80
63-710	1/8"	1/4"	1/4"	2"	\$29.00
63-711	1/8"	1/8"	1/4"	2"	\$26.95
63-712	1/8"	1/4"	1/2"	2"	\$29.00
63-713	1/8"	1/8"	1/2"	2"	\$26.05
63-718	3/16"	1/4"	5/8"	2 1/2"	\$29.00
63-724	1/4"	1/4"	3/8"	2"	\$27.65
63-725	1/4"	1/4"	3/8"	2"	\$29.00
63-726	1/4"	1/4"	1 1/4"	3"	\$34.35
63-727	1/4"	1/4"	1 1/2"	3"	\$34.60
63-730	3/8"	3/8"	5/8"	2 1/2"	\$46.75
63-733	3/8"	3/8"	1 1/8"	3"	\$50.05
63-740	1/2"	1/2"	1 5/8"	3 1/2"	\$115.25

<https://www.china-oyea.com/>

# Onsrud Upcut Bits - Soft Plastics

Shenzhen Oyea Machinery Co., Ltd.

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
63-750	1/16"	1/4"	1/4"	2"	\$29.00
63-751	1/16"	1/8"	1/4"	2"	\$26.05
63-760	1/8"	1/4"	1/4"	2"	\$29.00
63-762	1/8"	1/4"	1/2"	2"	\$29.00
63-775	1/4"	1/4"	3/4"	2 1/4"	\$29.00
63-783	3/8"	3/8"	1 1/8"	3"	\$50.05

# Onsrud Upcut Bits - Aluminum

Solid Carbide tooling with a single upward spiral flute. These tools give a high quality cut finish on a range of aluminum and others non-ferrous metals.

Aluminum & other non-ferrous metals



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
63-602	1/16"	1/8"	1/4"	1 1/2"	\$28.80
63-606	1/8"	1/4"	1/4"	2"	\$35.65
63-610	1/8"	1/4"	1/2"	2"	\$37.85
63-611	5/32"	3/16"	5/16"	2"	\$36.00
63-612	3/16"	3/16"	3/8"	1 1/2"	\$34.70
63-614	3/16"	1/4"	3/8"	2"	\$37.85
63-618	3/16"	1/4"	5/8"	2"	\$40.05
63-620	1/4"	1/4"	3/8"	2"	\$37.75
63-622	1/4"	1/4"	3/4"	2 1/2"	\$40.95
63-624	1/4"	1/4"	1 1/4"	3"	\$58.90
63-625	3/8"	3/8"	3/4"	3"	\$69.95
63-626	3/8"	3/8"	1 1/8"	3"	\$84.75
63-631	1/2"	1/2"	1 1/8"	3 1/2"	\$107.95

# Onsrud Double Edge Upcut Bits

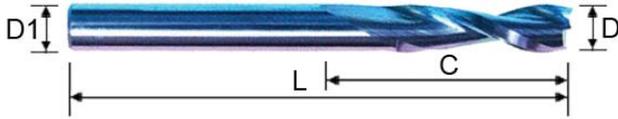
Shenzhen Oyea Machinery Co., Ltd.

Plastics

Woods

Foam

Designed for routing where chip removal, tool rigidity, long life, and high quality finish is desired.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
52-340	7/16"	1/2"	1"	3"	\$73.30
52-325	3/8"	3/8"	1 1/4"	3"	\$48.90
52-360	1/2"	1/2"	1 1/8"	3"	\$73.30

# Onsrud Downcut Bits

Plastics

Woods

Foam

Single flute solid carbide tool with down spiral geometry. Suitable for use on a wide range of plastics and woods. This bit is a popular choice when working with laminated materials, the down spiral geometry prevents de-lamination of the upper surface.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
64-000	1/16"	1/8"	1/4"	2"	\$34.05
64-010	1/8"	1/4"	1/4"	2"	\$37.85
64-012	1/8"	1/4"	1/4"	2"	\$38.70
64-018	3/16"	1/4"	1/4"	2"	\$41.00
64-024	1/4"	1/4"	3/8"	2"	\$41.00
64-025	1/4"	1/4"	3/4"	2"	\$43.75
64-026	1/4"	1/4"	1 1/4"	3"	\$60.75
64-031	3/8"	3/8"	3/4"	3"	\$74.75
64-033	3/8"	3/8"	1 1/8"	3"	\$91.05

<https://www.china-oyea.com/>

# Diamond Shaped Flute Bits

Shenzhen Oyea Machinery Co., Ltd.

Composites & GRP

Designed as fiberglass routers. Their upcut/downcut diamond design acts as a grinding burr and effectively shears fibrous materials. Certain tools in the line have been further developed to cut aramid fiber composites.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
118317	1/8"	1/8"	1/2"	1 1/2"	\$22.07
118476	3/16"	3/16"	1 1/16"	2"	\$30.69
118635	1/4"	1/4"	7/8"	2 1/2"	\$41.00

# Compression Bits

Solid carbide compression spiral bits are designed for CNC applications requiring high feed rates and a clean finish. Particularly suitable for double sided melamine or laminated material. Choose single flute for the highest possible feed rate. The double flute provides a clean, smooth finish. Special unique carbide for longer lifetime in abrasive material.

Woods



Product Code	Flutes	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
60-102	1	1/8"	1/4"	3/8"	2 1/2"	\$57.05
60-110	1	1/4"	1/4"	7/8"	2 1/4"	\$68.65
60-112	2	1/4"	1/4"	7/8"	2 1/2"	\$78.50
3110	2	1/4"	1/4"	7/8"	3"	\$67.83
3130	2	3/8"	3/8"	1 1/8"	3"	\$74.36
60-120	1	3/8"	3/8"	1 1/8"	3"	\$84.00
60-124	2	3/8"	3/8"	1 1/8"	3"	\$97.05
3135	2	1/2"	1/2"	1"	3"	\$91.52
3152	2	1/2"	1/2"	1 3/8"	3 1/2"	\$97.24
3160	2	1/2"	1/2"	1 3/4"	3 1/2"	\$102.96

# Mortising Bits

Shenzhen Oyea Machinery Co., Ltd.

## Woods

These tools have a much shorter up-cut section than the standard compression tools. They are ideal for mortising, grooving and dado.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
3115	1/4"	1/4"	5/8"	2 1/2"	\$66.83
3185	3/8"	3/8"	7/8"	3"	\$74.36

# 3D Ball Nose Bits

## Plastics

## Woods

## Aluminum & other non-ferrous metals

## Composites & GRP

Long Series solid carbide tooling with ball nose geometry. These are commonly used for 3D machining applications and are suitable for cutting most woods, plastics and non ferrous metals. The extra length of these tools make them ideal for those larger 3D machining jobs such as moulds, models and rapid prototyping.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
52-235B	1/16"	1/8"	1 1/4"	2"	\$38.15
52-244B	1/8"	1/8"	1/2"	2"	\$41.00
52-240B	1/8"	1/4"	1/2"	2"	\$41.00
52-260B	3/16"	1/4"	3/4"	2"	\$41.00
52-280B	1/4"	1/4"	7/8"	2"	\$41.00
52-320B	3/8"	3/8"	1 1/8"	3"	\$64.95
52-360B	1/2"	1/2"	1 1/8"	3"	\$99.85
52-235BL	1/16"	1/8"	1/4"	3"	\$53.00
52-244BL	1/8"	1/8"	1/2"	3"	\$55.45
52-240BL	1/8"	1/4"	1/2"	3"	\$55.45
52-260BL	3/16"	1/4"	3/4"	3"	\$55.45
52-280BL	1/4"	1/4"	1"	4"	\$62.65
52-320BL	3/8"	3/8"	1 1/4"	4"	\$99.85
52-360BL	1/2"	1/2"	1 1/2"	5"	\$128.80

# Special End Bits

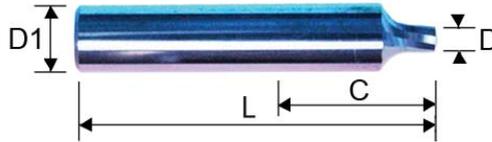
Shenzhen Oyea Machinery Co., Ltd.

These bits are designed to add a 45° chamfer or a 3/32 radius to your cut. With an upcut right hand helix, these bits will deliver a high quality and specialized cut.

Plastics

Woods

Foam



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
00193	3/16"	3/8"	1/4"	2"	\$66.18
00197	3/16"	3/8"	1/4"	2"	\$55.94
00192	3/16"	3/8"	11/64"	2"	\$55.94
00196	3/16"	3/8"	11/64"	2"	\$66.18

## V - Bits

A range of V carving bits which are ideal for 3D carving applications as well as chamfering and grooving. These tools are suitable for use on most materials including woods, plastics, aluminum and other non-ferrous metals.

Plastics

Woods

Aluminum & other non-ferrous metals



Product Code	Cut Dia (D)	Shank Dia (D1)	Angle (A)	Cut Length (C)	Overall Length (L)	Price
105R8-25	1"	1/2"	90°	1/2"	2 3/8"	\$53.90
105R4-12-90	1/2"	1/4"	90°	1/4"	1 3/4"	\$31.36
105R4-12-60	1/2"	1/4"	60°	13/32"	1 3/4"	\$31.36

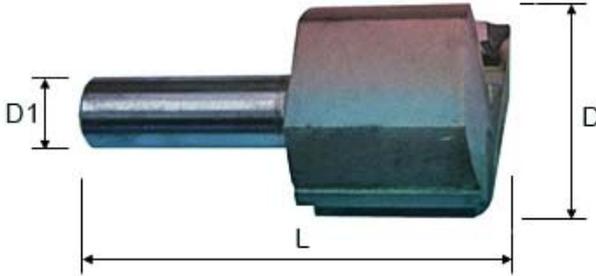
<https://www.china-oyea.com/>

# Surfacing Bits

Shenzhen Oyea Machinery Co., Ltd.

## Woods

Designed for surfacing MDF, particleboard and balsa core where flow through or high flow fixturing is employed using large capacity vacuum pumps. This method of surfacing spoilboards allows for much faster table planing.



Product Code	Description	Cut Dia (D)	Shank Dia (D1)	Length (L)	Price
107RL8-38		1 1/2"	1/2"	2 7/8"	\$75.35
107RL8-51		2"	1/2"	2 7/8"	\$125.21
91-104		2 1/2"	1/2"	2"	\$459.35
91-125	Insert for 91-104 (10 pack)				\$56.35
91-130	M4 screw				\$3.45
91-136	Wrench				\$13.15

# Straight Bits

## Plastics

## Woods

## Foam

Designed specifically to rout harder, more rigid plastics as well as wood, foam, fiberglass, phenolic, acrylic, nylon, PVC, ABS, acetal and solid surface.



Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
56-240	1/8"	1/4"	1/2"	2"	\$24.15
56-260	3/4"	1/4"	3/4"	2"	\$24.15
56-280	1/4"	1/4"	7/8"	2 1/2"	\$27.45
56-612	1/8"	1/4"	5/16"	2"	\$26.50
56-618	3/16"	1/4"	5/8"	2"	\$26.50
56-625	1/4"	1/4"	1"	2 1/2"	\$29.05

## Solid Carbide-Single Flute

Designed for V grooving or beveling 90°.

Plastics

Woods



Product Code	Tip Dia (D)	Shank Dia (D1)	Angle (A)	Length (L)	Price
37-01	0.005	1/4"	60°	2"	\$25.25
37-03	0.01	1/4"	60°	2"	\$25.25
37-05	0.02	1/4"	60°	2"	\$25.25
37-07	0.03	1/4"	60°	2"	\$25.25
37-09	0.04	1/4"	60°	2"	\$25.25
37-11	0.06	1/4"	60°	2"	\$25.25
37-15	0.09	1/4"	60°	2"	\$25.25
37-21	0.005	1/4"	30°	2"	\$25.25
37-23	0.01	1/4"	30°	2"	\$25.25
37-25	0.02	1/4"	30°	2"	\$25.25
37-27	0.03	1/4"	30°	2"	\$25.25
37-29	0.04	1/4"	30°	2"	\$25.25
37-31	0.06	1/4"	30°	2"	\$25.25
37-35	0.09	1/4"	30°	2"	\$25.25

## Solid Carbide-Double Flute

Designed for V grooving or beveling 90°.  
(CT) Carbide Tipped

Plastics

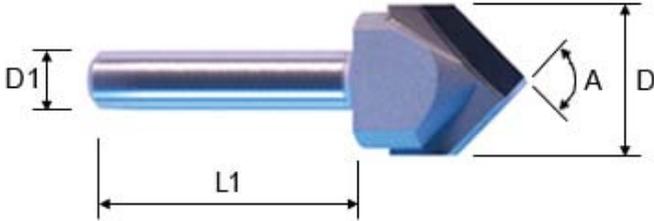
Woods

Composites & GRP

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut Length (C)	Overall Length (L)	Price
37-50	3/16"	1/4"	5/8"	2"	\$42.55
37-51	1/4"	1/4"	3/4"	2"	\$40.75
37-52	3/8"	3/8"	3/4"	2 1/2"	\$70.55
37-61 (CT)	1/2"	1/4"	13/32"	1 25/32"	\$18.75
37-62 (CT)	3/4"	1/2"	1/2"	2 1/8"	\$43.15
37-63 (CT)	1"	1/2"	27/32"	2 27/32"	\$52.25

## Aluminium ( ACM )

Special application such as ACM panel fabrication require specialist tooling. Here we have brought together a selection of router cutters which have been specially developed to suit these applications and which we believe provide outstanding performance and tool life.



## Belin V Cutters

Product Code	Cut Dia (T)	Shank Dia (D1)	Angle (A)	Cut (C)	Cut Length (L)	Price
99165		8mm	90°		60mm	\$102.90
99166		8mm	135°		60mm	\$102.90
99167	1/8"	3/8"	90°	3/4"	2 3/8"	\$102.90
99167A		3/8"	108°		2 3/8"	\$102.90
99168	1/8"	3/8"	135°		2 3/8"	\$102.90

## Belin Upcut Profiling Tools

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut (C)	Length (L)	Price
33476	3/16"	1/4"	1/2"	2"	\$37.29
33635	1/4"	1/4"	5/8"	2"	\$37.29

## Onsrud Upcut Profiling Tools

Product Code	Cut Dia (D)	Shank Dia (D1)	Cut (C)	Length (L)	Price
63-614	3/6"	1/4"	3/8"	2"	\$37.85
63-618	3/16"	1/4"	5/8"	2"	\$40.05
63-620	1/4"	1/4"	3/8"	2"	\$37.75
63-622	1/4"	1/4"	3/4"	2 1/2"	\$40.95

## AXYZ V-Cutters

Product Code	Description	Tip Dia (T)	Shank Dia (D1)	Angle (A)	Length (L)	Price
70018	Custom Small V-Cutter with one Insert	2mm	1/2"	110°	14.90mm	\$170.00
70013	Custom V-Cutter with one Insert	2mm	1/2"	110°		\$170.00
70014	Custom Insert-V30	2mm		110°		\$13.75
70019	Custom Small V-Cutter with one Insert	3mm	1/2"	130°	14.90mm	\$170.00
70015	Custom V-Cutter with one Insert	3mm	1/2"	130°		\$170.00
70016	Custom Insert-V30	3mm		130°		\$13.75

## Blades for Oscillating Knife

Knife blades are available in different sizes and geometries to handle various materials and thicknesses.

### Single Edge Flat Point

Product Code	Cut Length	Angle	Length(L)	Price
BT-57210	10mm	68°	36mm	\$31.50
BT-57220	20mm	89°	39mm	\$41.98
BT-57230	30mm	82°	46mm	\$60.13
BT-57240	40mm	87°	57mm	\$72.00
BT-572065	65mm	87°	82mm	\$80.66
BT-572120	120mm	90°	135mm	\$126.00

### Round Point

Product Code	Cut Length	Length(L)	Price
BT-57267	10mm	36mm	\$33.75
BT-57265	15mm	36mm	\$40.50
BT-57269	20mm	36mm	\$47.25
BT-57268	25mm	46mm	\$56.25
BT-572050	50mm	76mm	\$89.00
BT-57270	70mm	88mm	\$99.00
BT-57290	90mm	110mm	\$105.75

### Double Edge Flat Point

Product Code	Cut Length	Length(L)	Price
BT-56240	40mm	56mm	\$76.50
BT-56265	65mm	81mm	\$88.44
BT-56270	70mm	86mm	\$99.32
BT-56290	90mm	106mm	\$108.00

## Blades for Tangential Knife

Product Code	Description	Price
61329	Super Trapezoid Deep Edge Blade	\$2.86
26082	60° Double Edge Saber Blade	\$59.00
26085	48mm Pizza Wheel Blade	\$49.50

## Drag Knives

Product Code	Description	Price
22782	60° Roland Blade	\$33.00
20314	45° Roland Blade	\$32.91

# Creasing Wheels

Shenzhen Oyea Machinery Co., Ltd.

Creasing wheels create perforations and creases in cardboard applications, allowing you to design manufacture boxes and various items for graphic design in need of specific folds.



26981



B16



B14



B12



B22



B24



B26



B32

Product Code	Description	Price
26981	Creasing Wheel Post	\$550
B12	2 point - 24mm	\$235
B14	3 Point - 24mm	\$235
B16	4 point - 24mm	\$235
B22	Type-E / Type-F	\$235
B24	Type B	\$235
B26	Type-C	\$235
B32	Polypropylene Material	\$235

## Tangential Knife Adjustable Heads

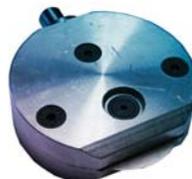
Additional head options and tooling provides a wider range of cutting and creasing capabilities.



45° Blade Cartridge



Saber Blade Cartridge



Pizza Cutter



Box Cutter

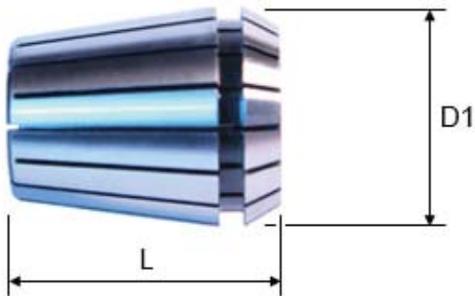
Product Code	Description	Price
25970	45° Knife Cartridge	\$540.00
26000	Saber Blade Cartridge	\$645.00
25999	Pizza Cutter	\$530.00
26029	Box Cutter	\$220.00

## ER Type Collets

A wide selection of metric and imperial ER type standard collets. These can be used with a wide range of spindle types including Perske, Elte, Colombo and HSD.

**It is essential to use the correct size collet for the tool shank diameter.** First make sure you are looking at the right type of collet to fit the spindle on your machine and then select the required size from either the metric or imperial range.

Use the table below to select the right size of ER collet. The example spindles shown are just a small selection of where these collets can be used. Even if your spindle is listed the best way to check compatibility is to compare the dimensions in the table with one of your existing collets.



Collet Type	D1 (mm)	L (mm)	Example Spindle Types
ER16	17	27.5	Colombo RC73, 1.5kw (2HP)
ER20	21	31.5	Perske KRS35 (1/2" capacity), 1.2kw, 1.7kw
ER25	26	34	Elte TMPE3 & TMPE4, 2.2kw (3HP), 3.7kw (5HP) Colombo RC90, 4.1kw (5.5HP)
ER32	33	40	Elte TMPE5, 4.5kw (6HP), 7kw (10HP) HSD 4kw (5HP), 7kw (10HP) Colombo RC110, 10kw

Collets should be replaced every 3-6 months. This will avoid problems associated with worn collets including:

- poor cut quality
- reduced tool life
- premature tool breakage
- tools working loose whilst cutting

## ER Type Collets

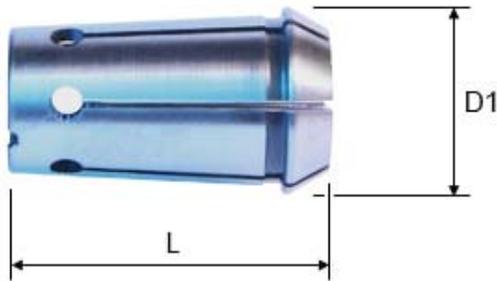
Product Code	Angle (A)	Shank Dia (D1)	Price
21368	ER 25	2-3mm	\$37.25
21906	ER 25	3-4mm	\$37.25
20269	ER 25	4-5mm	\$37.25
21369	ER 25	5-6mm	\$37.25
21809	ER 25	6-7mm	\$37.25
20279	ER 25	7-8mm	\$37.25
20275	ER 25	9-10mm	\$37.25
20276	ER 25	11-12mm	\$37.25
20274	ER 25	1/8"	\$37.25
20277	ER 25	3/16"	\$37.25
20287	ER 25	1/4"	\$37.25
21674	ER 25	5/16"	\$37.25
20278	ER 25	3/8"	\$37.25
20289	ER 25	1/2"	\$37.25
21414	ER 25	5/8"	\$37.25
20261	ER 32	5-6mm	\$37.25
20257	ER 32	11-12mm	\$37.25
20258	ER 32	3/32"	\$37.25
20264	ER 32	1/8"	\$37.25
20263	ER 32	1/4"	\$37.25
20265	ER 32	3/8"	\$37.25
20262	ER 32	1/2"	\$37.25
20259	ER 32	3/4"	\$37.25

## Perske Collets

A full range of metric and imperial size OZ 1831 and OZ 1833 type collets for use with Perske spindles. These differ to the ER collets in that they are made to take an exact size cutter shank.

It is essential to use the correct size collet for the tool shank diameter. First make sure you are looking at the right type of collet to fit the spindle on your machine and then select the required size from either the metric or imperial range.

Use the table below to select the right type of OZ collet. The example spindles shown are just a selection of where these collets can be used. Even if your spindle is listed the best way to check compatibility is to compare the dimensions in the table with one of your existing collets.



Collet Type	D1 (mm)	L (mm)	Example Spindle Types
OZ 1831	14.4	26	Perske KRS35 1.2kw & 1.7kw
OZ 1833	19.7	34	Perske KNS50 2.2kw (3HP) Perske VS60 5kw (6.7HP)

Collets should be replaced every 3-6 months. This will avoid problems associated with worn collets including:

- poor cut quality
- reduced tool life
- premature tool breakage
- tools working loose whilst cutting



## Perske Collets

Product Code	Angle (A)	Shank Dia (D1)	Price
20283	RDO 20	3mm	\$36.00
20280	RDO 20	4mm	\$36.00
20290	RDO 20	5mm	\$36.00
20285	RDO 20	6mm	\$36.00
20286	RDO 20	8mm	\$36.00
20282	RDO 20	12mm	\$36.00
20254	RDO 20	1/8"	\$36.00
20255	RDO 20	3/16"	\$36.00
20273	RDO 20	1/4"	\$36.00
20284	RDO 20	5/16"	\$36.00
20256	RDO 20	3/8"	\$36.00
20272	RDO 20	1/2"	\$36.00

## Collet Locknuts & Wrenches

Locknuts and spanners for use with a wide range of spindles, collets and toolholder cones.

Locknuts are designed to be used with a specific type of collet but also need to have the correct thread for the spindle or toolholder cone.



Product Code	Description	Price
20728	Covernut - ER 32	\$47.50
20729	Covernut - ER 25	\$55.00
20294	Covernut - RDO 20	\$63.00
24305	ER25 E Wrench	\$27.75
22638	ER32 E Wrench	\$36.00
22397	Elite 27mm Shaft Wrench	\$20.25
20432	Elite 32mm C Box Wrench	\$27.75
21834	Perske Shaft Wrench 24	\$40.00
21727	HSD ISO30 ER32 Tool Holder with Covernut	\$180.50