

# Standard Range Cutters



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# Standard Range Cutters

## PCD Square End Mills

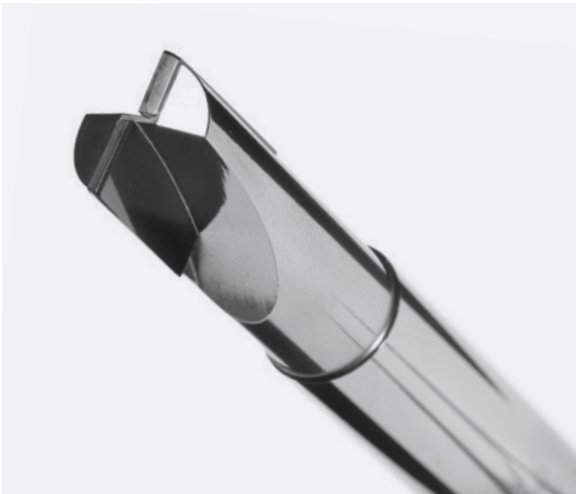
### Tool Description

A range of 2 flute Square End Mills (SEMs) for high abrasive wear resistance. All SEMs are manufactured with a sharp corner, but can be modified free of charge with a customer specified corner radius.

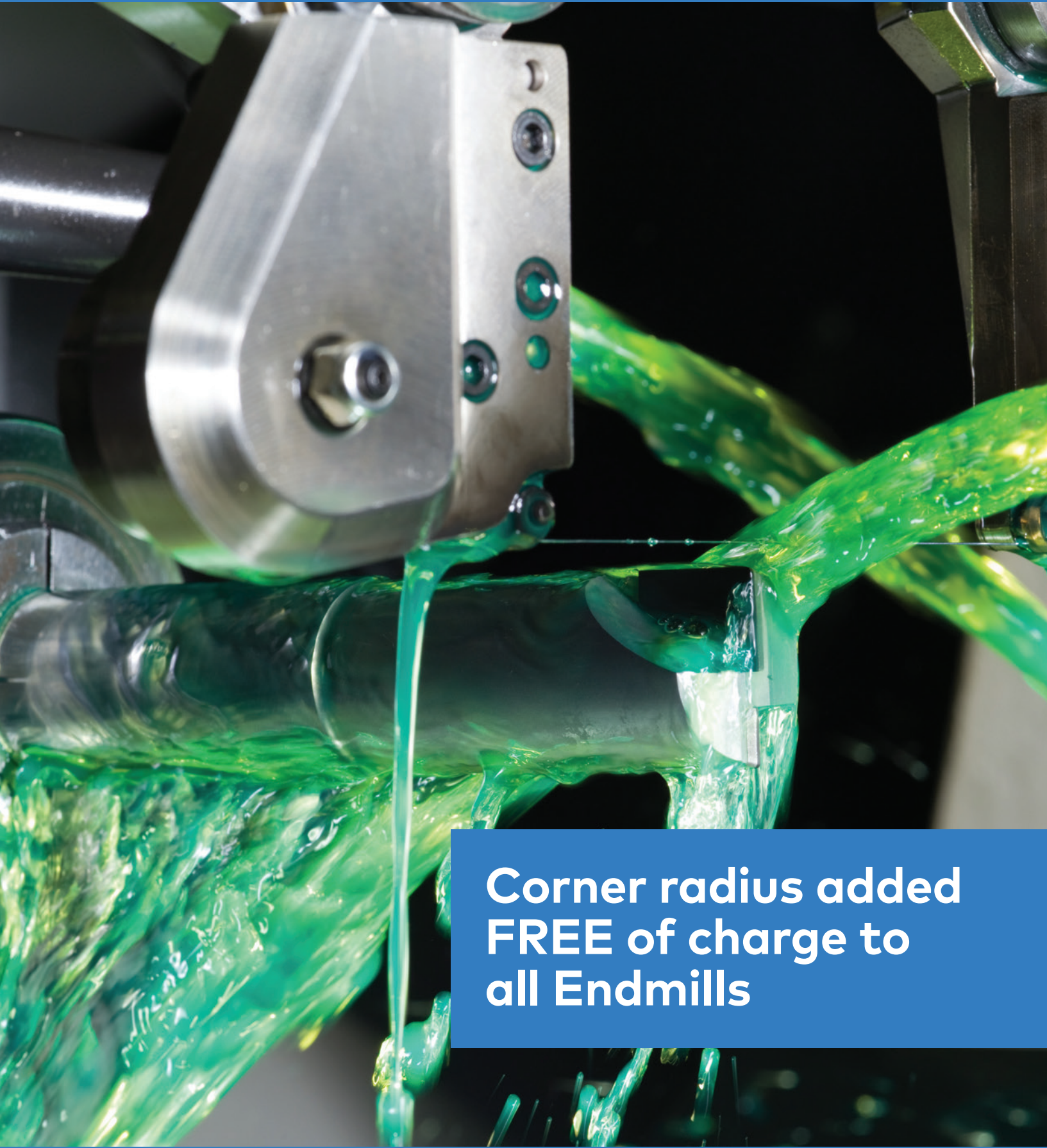
### Machining Applications

Designed for trimming, slotting or surface machining CFRPs, MMCs and other non-ferrous abrasive materials.

Presenting a cost effective solution for low volume machining environments where superior surface finish and accuracy are required.



PART NO.	DIA	LOC	REACH	OAL	LIST PRICE
9992	Ø2	6	8	60	\$322.00
9567	Ø3	6	20	60	\$322.00
7956	Ø4	6	20	60	\$322.00
8533	Ø5	10	30	100	\$322.00
7840	Ø6	10	30	100	\$322.00
7841	Ø8	10	30	100	\$331.00
7842	Ø10	12	30	100	\$369.00
7843	Ø12	14	30	100	\$411.00
9993	Ø16	14	50	165	\$530.00
9996	Ø20	14	50	165	\$580.00
9276	Ø1/8"	0.250"	0.750"	3.00"	\$353.00
9277	Ø3/16"	0.313"	1.000"	3.00"	\$353.00
9278	Ø1/4"	0.375"	1.250"	4.00"	\$353.00
9279	Ø5/16"	0.500"	1.250"	4.00"	\$363.00
9280	Ø3/8"	0.500"	1.250"	4.00"	\$400.00
9281	Ø1/2"	0.550"	1.250"	4.00"	\$450.00



Corner radius added  
**FREE** of charge to  
all Endmills



# Standard Range Cutters

## PCD Ball End Mill

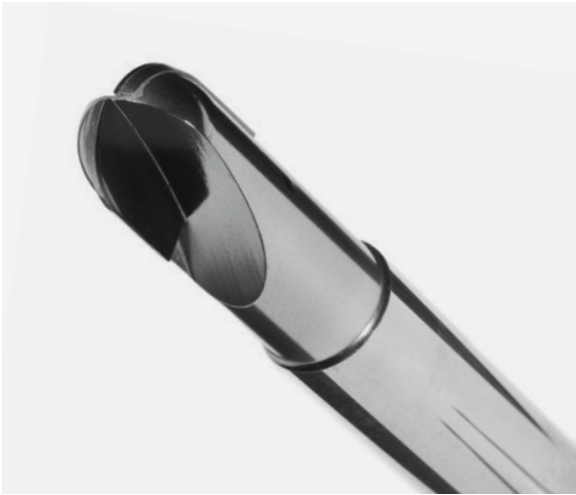
### Tool Description

A range of 2 flute Ball End Mills (BEMs) for high abrasive wear resistance. The full radius is machined with absolute accuracy to guarantee finished form.

### Machining Applications

Designed for trimming, slotting or surface machining CFRPs, MMCs and other non-ferrous abrasive materials.

Presenting a cost effective solution for low volume machining environments where superior surface finish and accuracy are required.



PART NO.	DIA	LOC	REACH	OAL	LIST PRICE
8219	Ø2	6	10	60	\$322.00
8651	Ø3	6	10	60	\$322.00
8193	Ø4	6	20	60	\$322.00
8330	Ø5	10	30	100	\$322.00
7836	Ø6	10	30	100	\$322.00
7837	Ø8	10	30	100	\$331.00
7838	Ø10	12	30	100	\$369.00
7839	Ø12	14	30	100	\$411.00
8157	Ø16	14	30	100	\$530.00
9282	Ø1/8"	0.250"	0.750"	3.00"	\$353.00
9283	Ø3/16"	0.315"	1.000"	3.00"	\$353.00
9284	Ø1/4"	0.375"	1.250"	4.00"	\$353.00
9285	Ø5/16"	0.500"	1.250"	4.00"	\$363.00
9286	Ø3/8"	0.500"	1.250"	4.00"	\$400.00
9287	Ø1/2"	0.550"	1.250"	4.00"	\$450.00

## PCD Thread Mills

For machining an accurate thread form, Exactaform's range of PCD thread mills provide the ultimate solution. The PCD cutting edges outlast carbide and coated carbide by up to 10 times, preventing the teeth from breaking down and wearing. PCD thread mills have proven themselves effective in threading parts made from CFRPs, MMCs and other abrasive materials, and are used in the aerospace, auto sport and medical industries.

For custom threads, from sizes M3 upwards, please contact a member of our team who will be happy to provide a custom quote.

The following PCD thread mills are available off-the-shelf ready for immediate delivery.



PART NO.	DIA	LOC	REACH	OAL	LIST PRICE
9997	M4	5	11	100	\$555.00
9998	M5	5.5	15	100	\$690.00
9999	M6	6	18	100	\$690.00
10000	M8	8	20	100	\$740.00
10001	M10	8.5	25	100	\$865.00
10002	M12	8.5	30	110	\$940.00

All sizes shown in metric (mm)

# Standard Range Cutters

## Solid PCD Drills

Exactaform is the manufacturer of choice for premium quality, solid PCD drills in the UK. Through extensive development of processes and research and development, this highly popular drill is now available as an off-the-shelf item. Exactaform stocks a range of semi-finished drill blanks that are waiting to be tailored to your individual specification.

### Applications

The finished product can be commissioned for high performance drilling of Aluminium's, CFRPs, MMCs and material stacks. You tell us the application and we will machine the geometry that will best suit.

Individual specifications for diameter, length of cut and overall length are also taken into consideration, and your drills can be ready for shipment within 2-3 working days.



### Custom Drill Quotations

Exactaform has a range of advanced drilling solutions that can be manufactured according to your specification. For modifications to the standard range design, like the addition of internal coolant or a countersink operation, please contact a member of our team who will be able to provide you with a custom quotation.

### General Drilling

PART NO.	DIA	OAL	SHANK DIA	LIST PRICE
10023	Ø3/16"	100	65	\$530.00
10024	Ø5mm	100	65	\$530.00
10025	Ø1/4"	100	65	\$550.00
10026	Ø6mm	100	65	\$550.00
10027	Ø5/16"	100	65	\$585.00
10028	Ø8mm	100	65	\$585.00

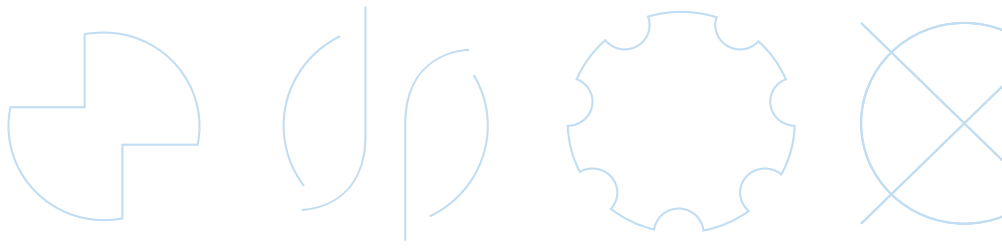
All drill tolerances: +0.00/-0.010mm (+0.0000 / -0.0004")

### Aerospace Drilling

PART NO.	DIA	OAL	SHANK DIA	LIST PRICE
10023	Ø3/16"	100	65	\$530.00
10024	Ø5mm	100	65	\$530.00
10025	Ø1/4"	100	65	\$550.00
10026	Ø6mm	100	65	\$550.00
10027	Ø5/16"	100	65	\$585.00
10028	Ø8mm	100	65	\$585.00

All drill tolerances: +0.00/-0.010mm (+0.0000 / -0.0004")

One of the key advantages of using solid PCD drills is the availability for rework, maximized through design; up to 40% savings over drills traditional PCD.



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