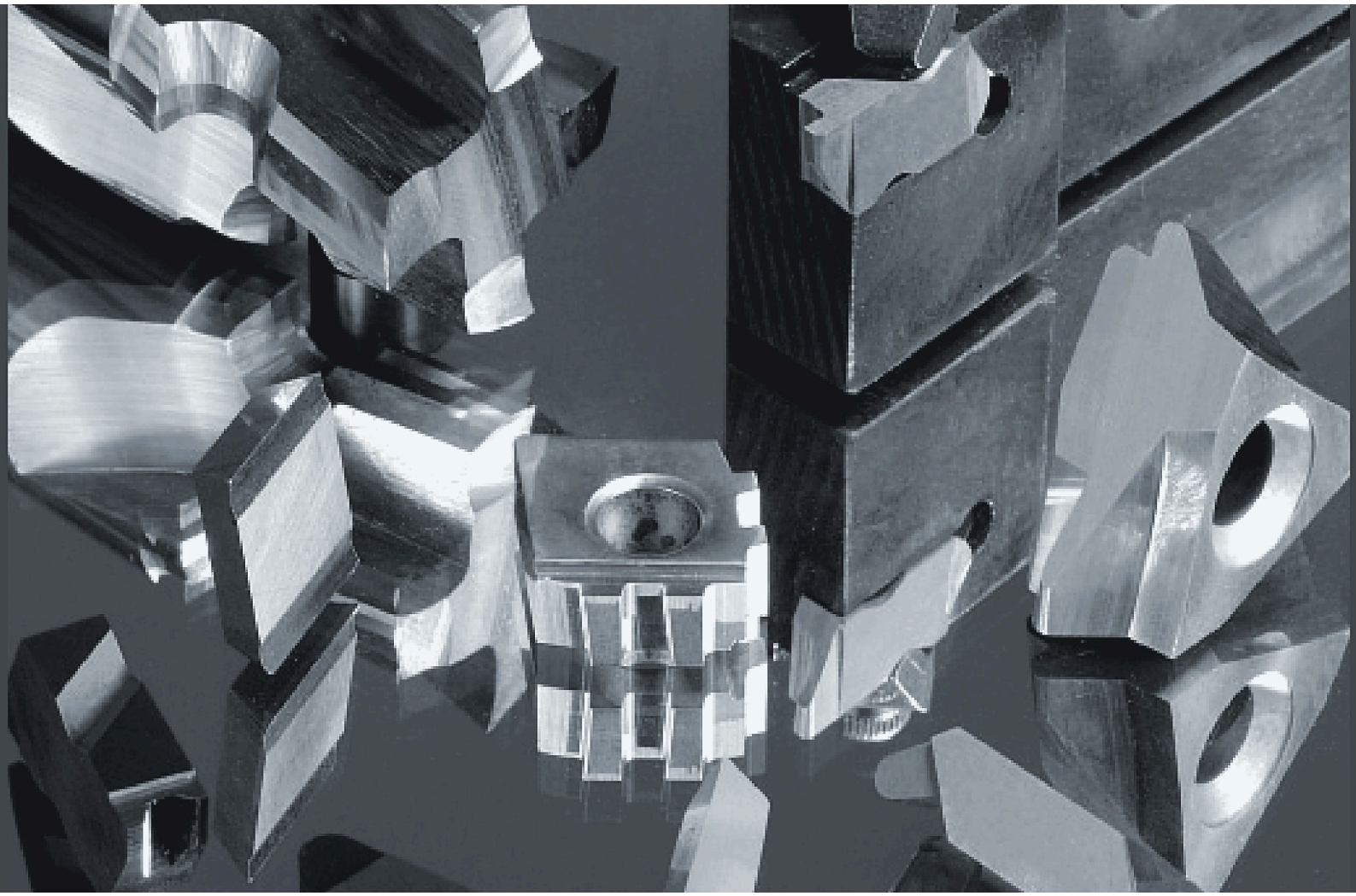
Gilmour Tools Ltd HOLDINGS

Production Inserts. On Time.®



YOUR SPECIAL COULD BE OUR STANDARD

Products & Services Catalogue

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We at Gilmour Tools have been manufacturing completely precision ground cutting tools in Larkhall, Scotland since 1976.

MADE IN-HOUSE

We manufacture our cutting tools in-house, from raw material to finished tool. Keeping the manufacturing process at our facility ensures the quality, delivery and service are maintained to the highest standard.

Our range includes indexable inserts & rotary cutters in all materials including carbide, ceramic, steel PCD, PCBN and CBN. We also manufacture toolholders in-house to suit all inserts.

We offer a complete in-house design service and aim to quote within 24hrs. The delivery time is 3 weeks on all products and we can offer a fast turn around service if required.

We believe to be the best you have to invest in your factory, machinery and people which we have done to meet the demands of the industry and we will continue to do so.

Our aim is to supply a quality product, on time at a competitive price.

This catalogue is only a sample of the many products we manufacture and is intended to give an insight into our vast capabilities. We welcome the opportunity to help you.

PART OF RENOVO TOOL GROUP

Since April 2025, Gilmour Tools has been part of Renovo Tool Group – manufacturing and supplying tooling under one group:

Gilmour Tools
Precision insert grinding facility in Scotland.

Renovo Solutions
North East-based specialist round tool production facility.

Renovo Tool Co
Distributors of premium tooling solutions across the UK & Ireland.

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SECTION 1 INSERTS

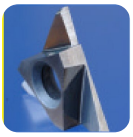
All inserts and cutters can be coated to customer requirements



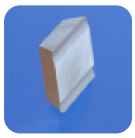
GT Notch Inserts ..... Page 5



Vee Based Inserts ..... Page 9



Triangular Inserts ..... Page 15



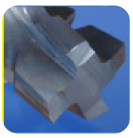
Special Inserts ..... Page 19



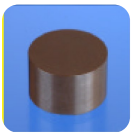
Threading Inserts ..... Page 22



Diamond Tipped Inserts ..... Page 24



Rotary Cutters ..... Page 25



Ceramic Inserts ..... Page 28

PRODUCTION INSERTS. ON TIME.

SECTION 2 TOOLHOLDERS


GT Notch Holders ..... Page 32


Vee Based Holders ..... Page 34


Triangular Holders ..... Page 36


Special Holders ..... Page 39


Threading Holders ..... Page 40


Support Blades ..... Page 42

SECTION 3 SERVICES


Laser Engraving, Honing & Polishing ..... Page 50

SECTION 4 RESOURCES


Factory & Equipment ..... Page 51

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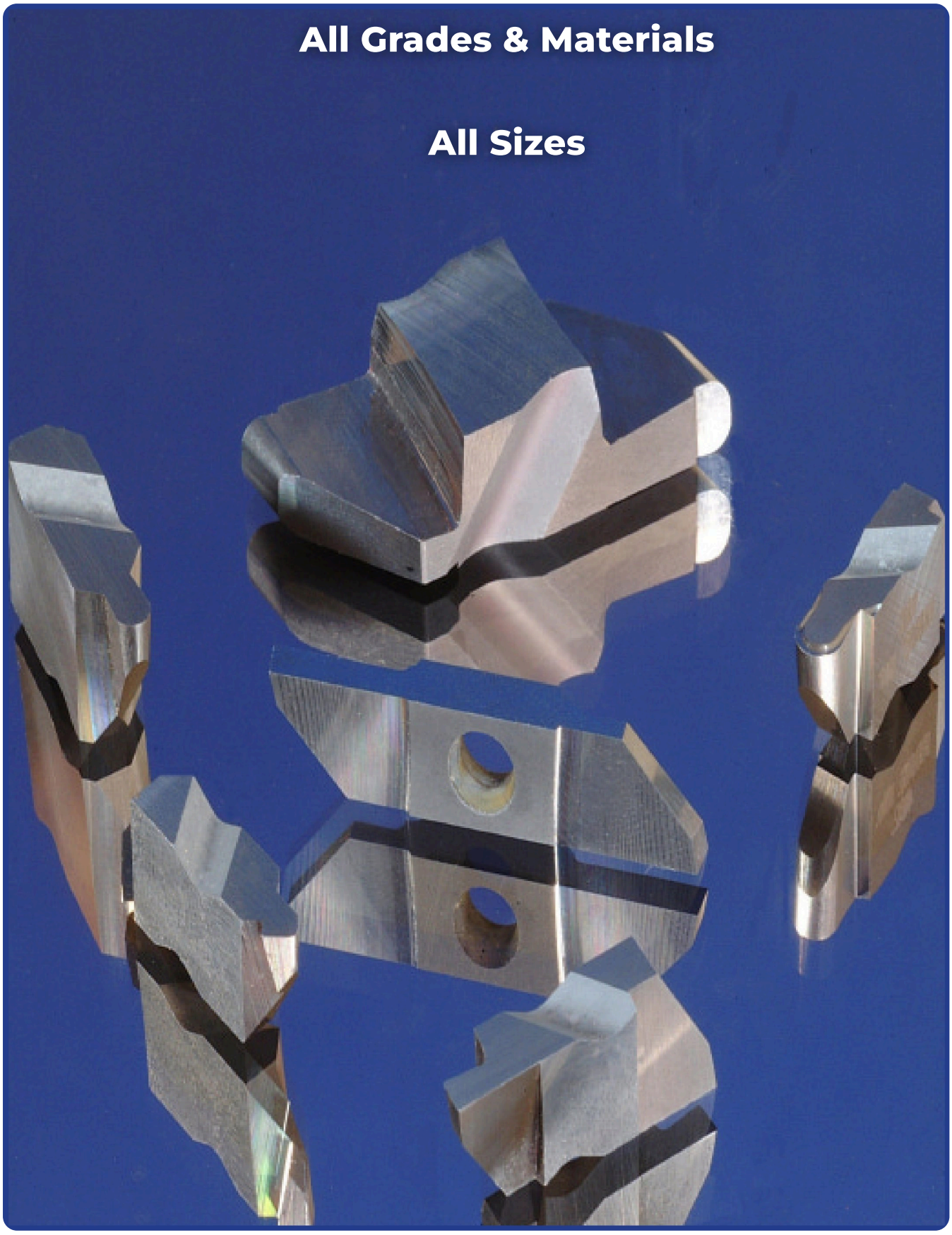
GT NOTCH INSERTS

NEUTRAL & POSITIVE CUTTING, SPECIALS

TOOLHOLDERS
Pages 32–33

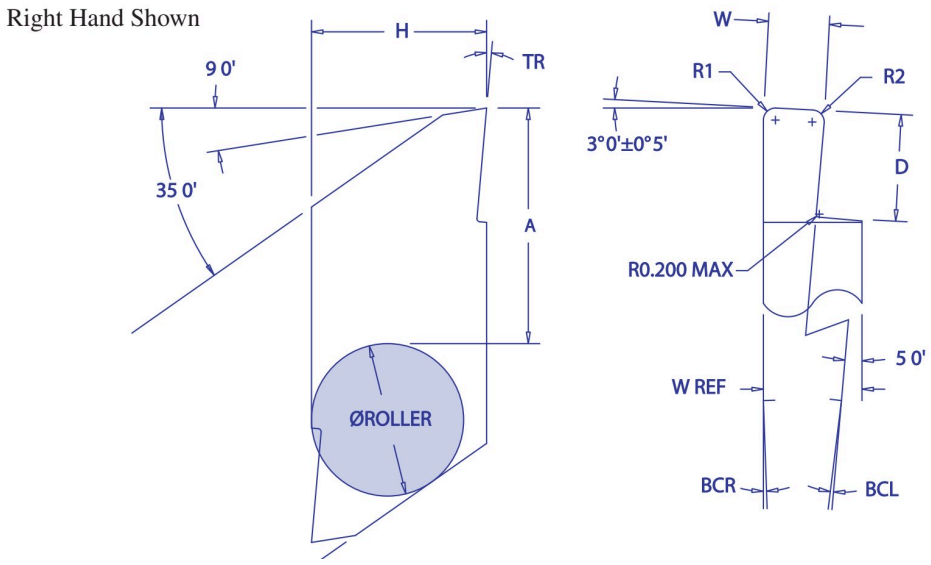


PRODUCTION INSERTS. ON TIME.

GT NOTCH INSERTS

GROOVING FNR - NEUTRAL & POSITIVE CUTTING

TOOLHOLDERS
Pages 32–33



Insert Order Reference	W (Max)	T	D	A	H	DØ
GN N/P 2 R/L	3.18	3.81	1.27	6.51	5.56	5.00
GN N/P 3 R/L	4.80	4.95	3.81	9.59	8.74	10.00
GN N/P 4 R/L	6.38	6.48	6.35	15.46	11.51	10.00
GN N/P 5 R/L	9.52	9.65	9.52	25.20	17.48	12.00

Precision Ground Insert
Insert width 'W' to tolerance +/- 0.025
R/L, W and R must be specified when ordering.
Order example: GNN 3 R W=4.00, R=1.00



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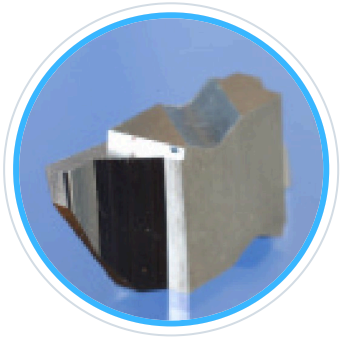
GT NOTCH SPECIALS

SELECTION OF EXAMPLES

TOOLHOLDERS
Pages 32–33



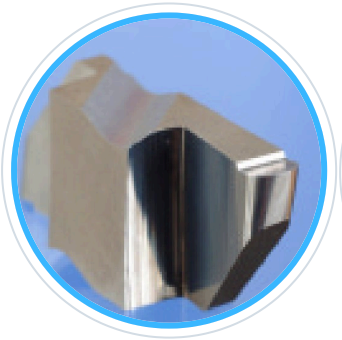
GT Notch 01



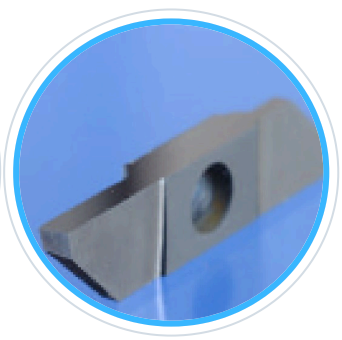
GT Notch 02



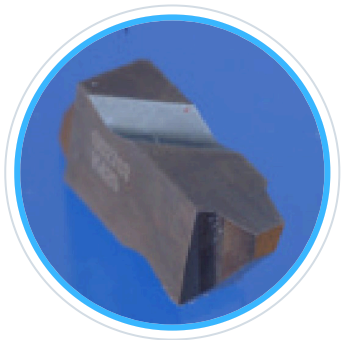
GT Notch 03



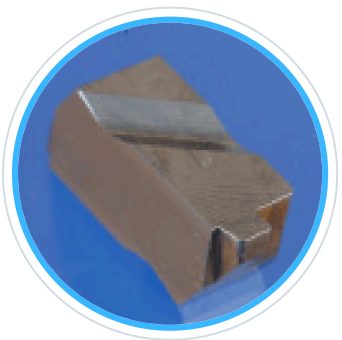
GT Notch 04



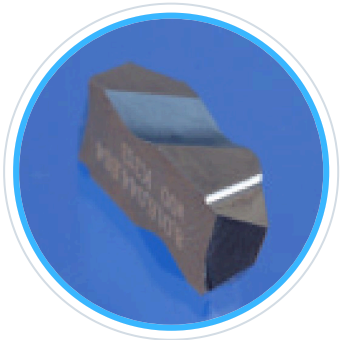
GT Notch 05



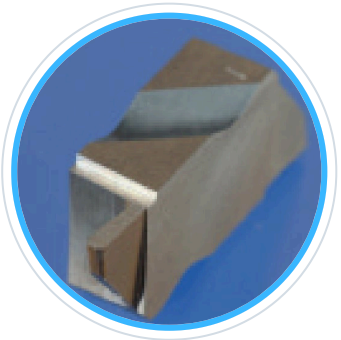
GT Notch 06



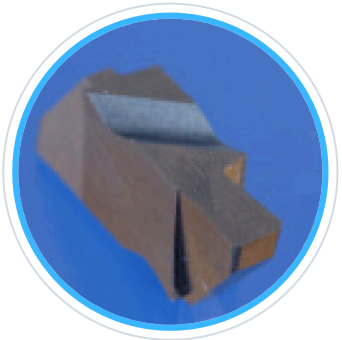
GT Notch 07



GT Notch 08



GT Notch 09



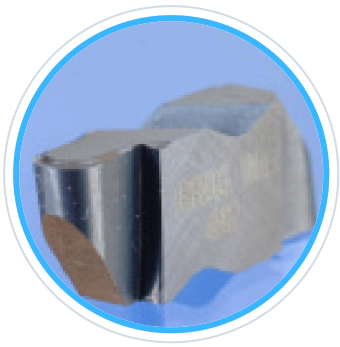
GT Notch 10

PRODUCTION INSERTS. ON TIME.

GT NOTCH SPECIALS

SELECTION OF EXAMPLES

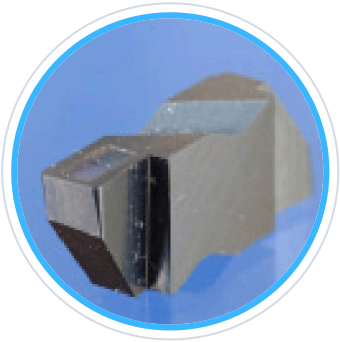
TOOLHOLDERS
Pages 32–33



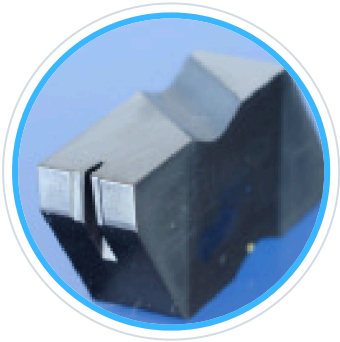
GT Notch 11



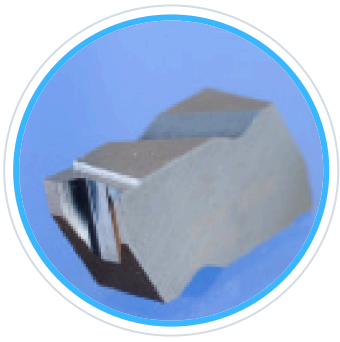
GT Notch 12



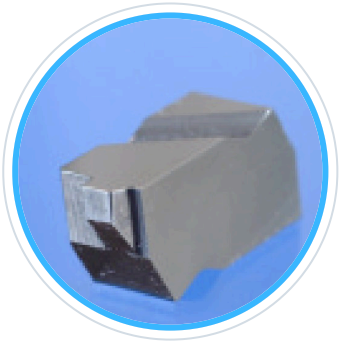
GT Notch 13



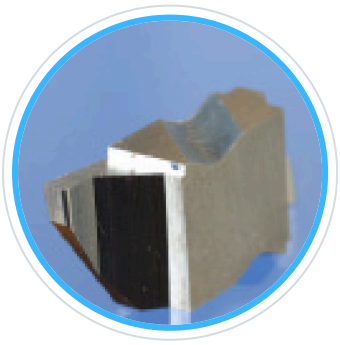
GT Notch 14



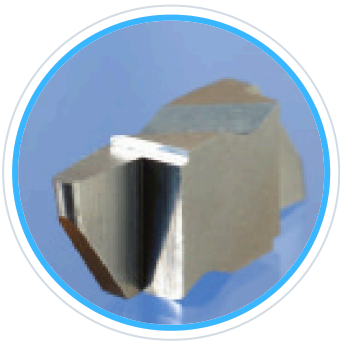
GT Notch 15



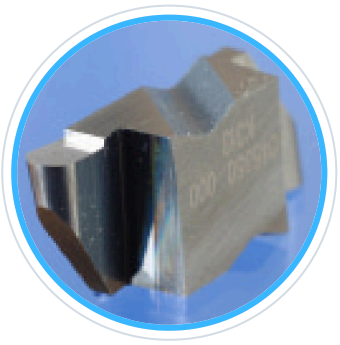
GT Notch 16



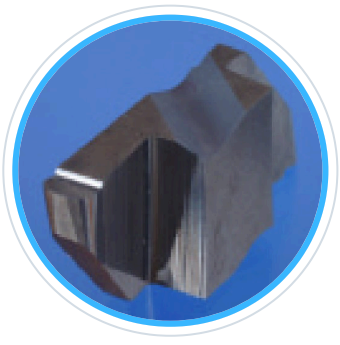
GT Notch 17



GT Notch 18



GT Notch 19



GT Notch 20

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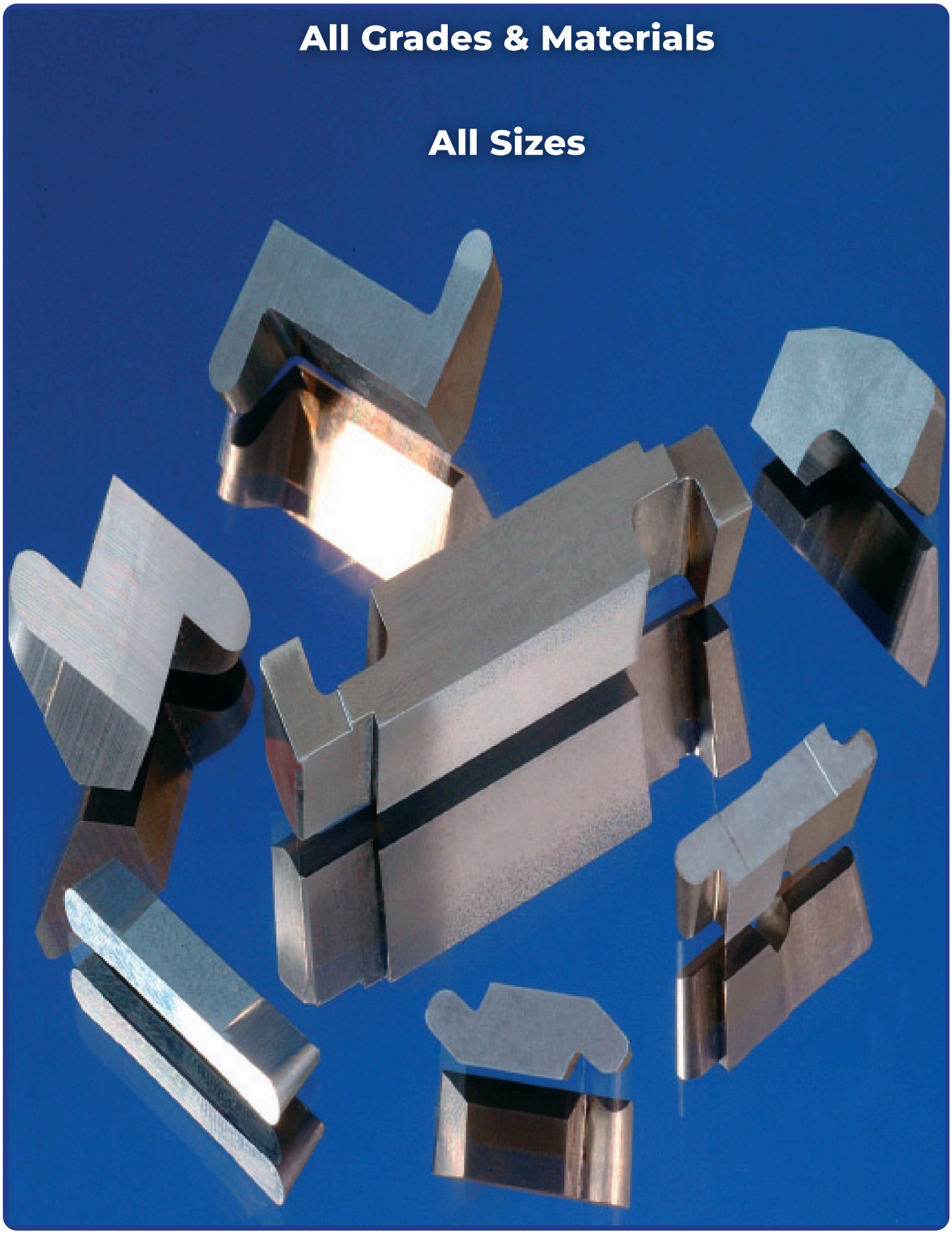
VEE BASED INSERTS

SQUARE, ROUNDED, CRANKED & SPECIALS

TOOLHOLDERS
Pages 34–35 & 42–49

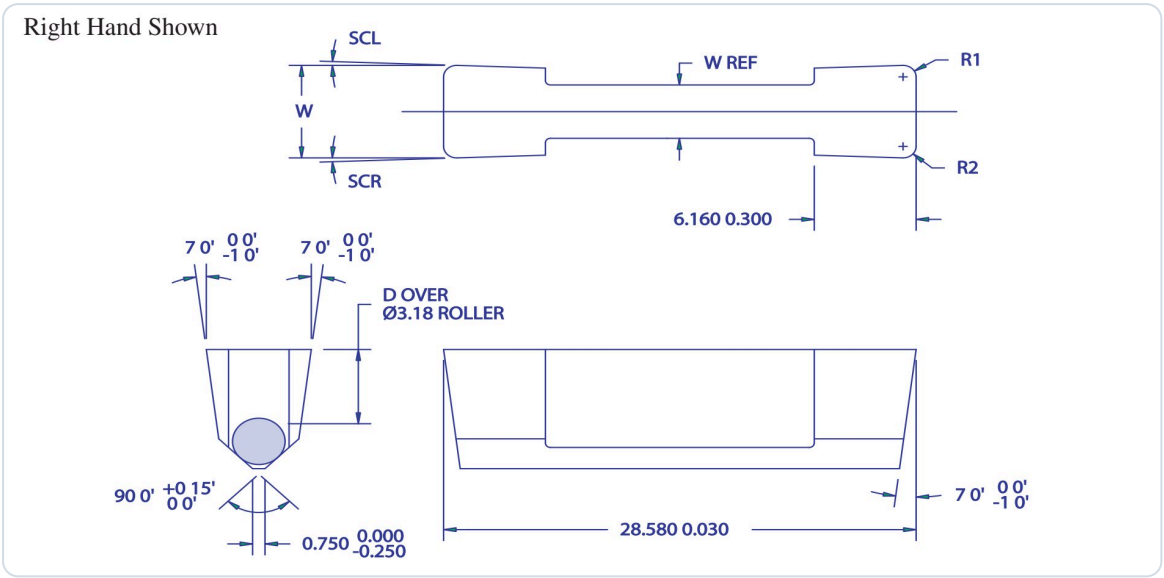


PRODUCTION INSERTS. ON TIME.

VEE BASED INSERTS

DBV GROOVING INSERTS

TOOLHOLDERS
Pages 34–35 & 42–49



Insert Order Reference	W	B	A	R
DBV-125	.125 (3.18)	2.51	2.41	0.40
DBV-156	.1562 (3.97)	2.51	2.69	0.40
DBV-187	.1875 (4.76)	2.51	3.66	0.79
DBV218	.2188 (5.56)	2.51	3.66	0.79
DBV-250	.250 (6.35)	4.72	3.66	0.79
DBV-312	.3125 (7.94)	4.72	5.13	0.79
DBV375	.375 (9.52)	4.72	7.01	0.79

Precision Ground Insert
Insert tolerance on widths and radii +/- 0.025
Standard widths shown. Widths & radii to suit customer requirements.



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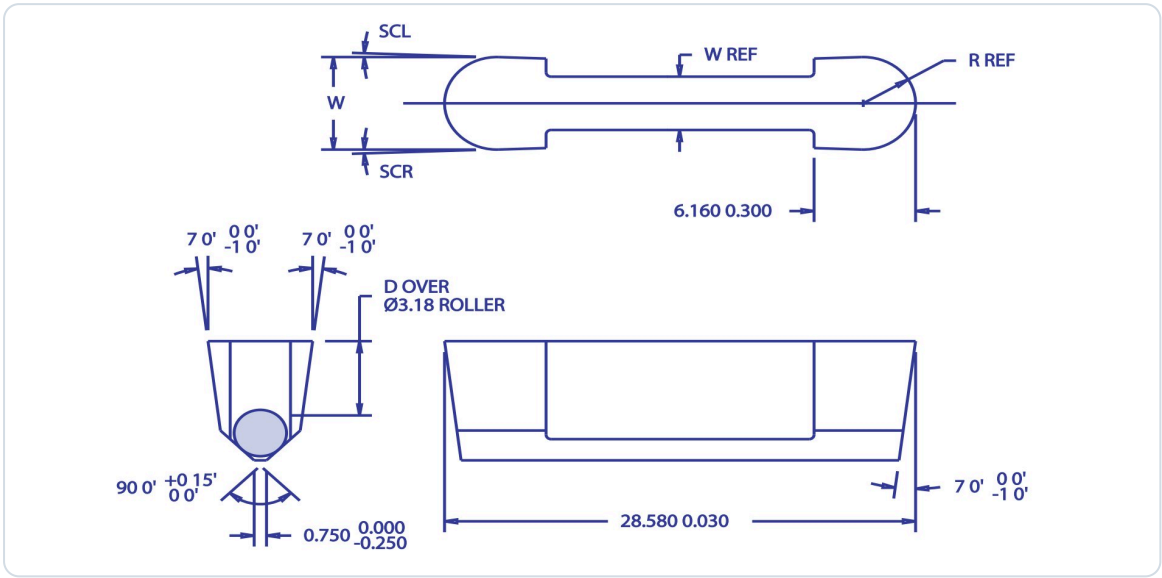
VEE BASED INSERTS

FNR GROOVING INSERTS

TOOLHOLDERS
Pages 34–35 & 42–49



Insert Order Reference	W	B	A	R
DBV-FNR-125	.125 (3.18)	2.51	2.41	1.59
DBV-FNR-156	.1562 (3.97)	2.51	2.69	1.98
DBV-FNR-187	.1875 (4.76)	2.51	3.66	2.38
DBV-FNR-218	.2188 (5.56)	2.51	3.66	2.78
DBV-FNR-250	.250 (6.35)	4.72	3.66	3.18
DBV-FNR-312	.3125 (7.94)	4.72	5.13	3.97
DBV-FNR-375	.375 (9.52)	4.72	7.01	4.76

Precision Ground Insert
Insert tolerance on widths and radii +/- 0.025
Standard widths shown. Widths & radii to suit customer requirements.

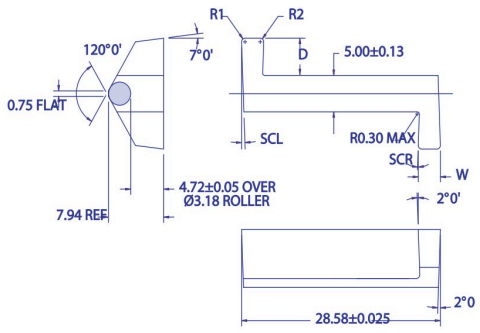


PRODUCTION INSERTS. ON TIME.

VEE BASED INSERTS

CRANKED - SQUARE, ROUNDED & SKEWED

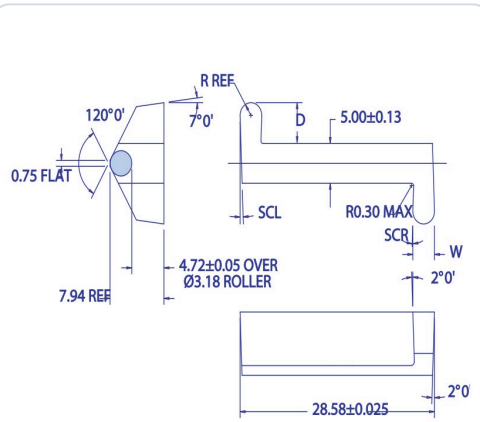
TOOLHOLDERS
Pages 34–35 & 42–49



Photograph shows opposite hand

Insert Order Reference	W	R	D Max
CVG 125 R/L	.125 (3.18)	0.40	6.00
CVG 187 R/L	.187 (4.76)	0.79	6.00
CVG 250 R/L	.250 (6.35)	0.79	6.00

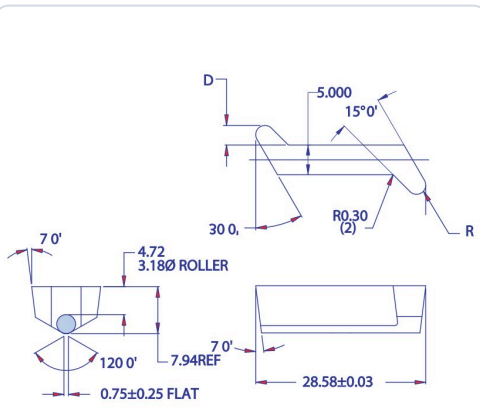




Photograph shows opposite hand

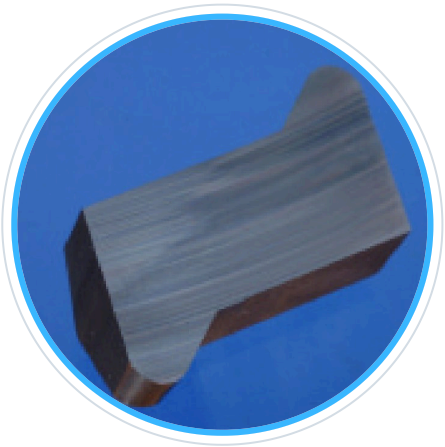
Insert Order Reference	W	D Max
CVG 125 R/L	.125 (3.18)	6.00
CVG 187 R/L	.187 (4.76)	6.00
CVG 250 R/L	.250 (6.35)	6.00





Photograph shows opposite hand

Insert Order Reference	R	D Max
CVG 125 R/L	0.40	6.00



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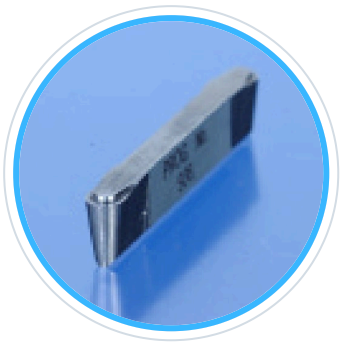
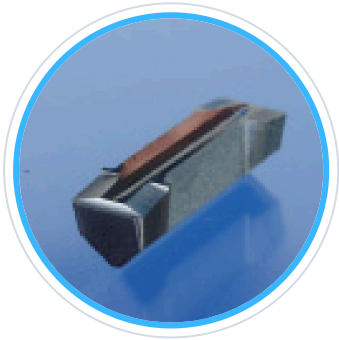
VEE BASED SPECIALS

SELECTION OF EXAMPLES

TOOLHOLDERS
Pages 34–35 & 42–49



Vee Based 01



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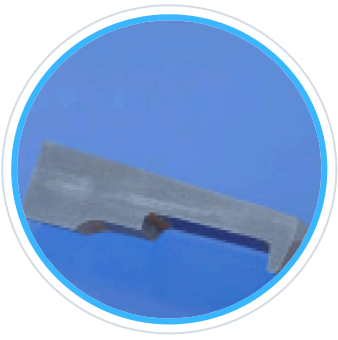


Vee Based 03



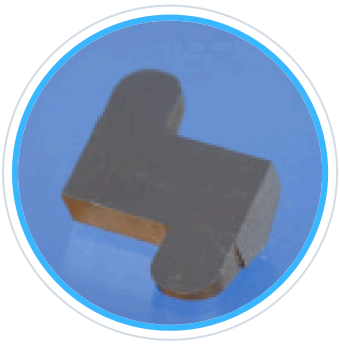
Vee Based 04



Vee Based 05



Vee Based 06



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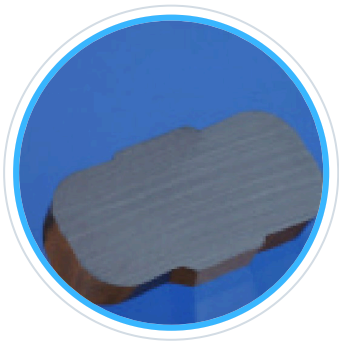
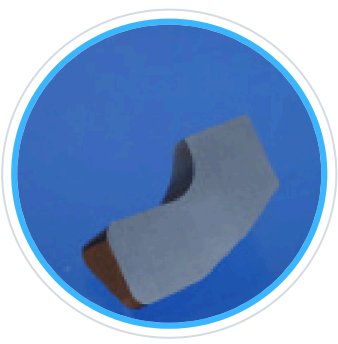


Vee Based 08



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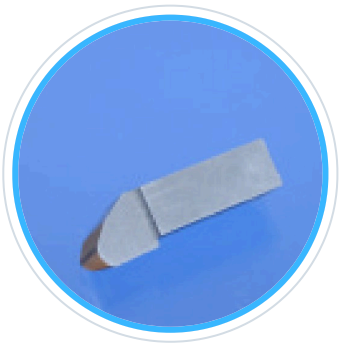


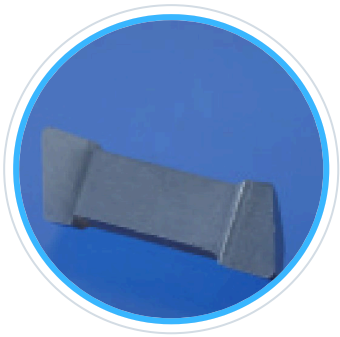
Vee Based 10

PRODUCTION INSERTS. ON TIME.

VEE BASED SPECIALS

SELECTION OF EXAMPLES

TOOLHOLDERS
Pages 34–35 & 42–49



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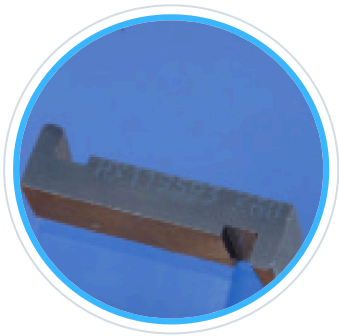
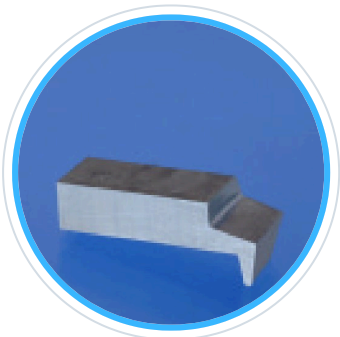


Vee Based 12



Vee Based 13



Vee Based 14



Vee Based 15



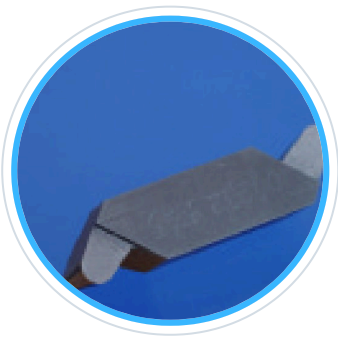
Vee Based 16



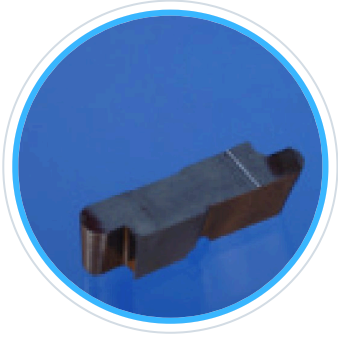
Vee Based 17



Vee Based 18



Vee Based 19



Vee Based 20

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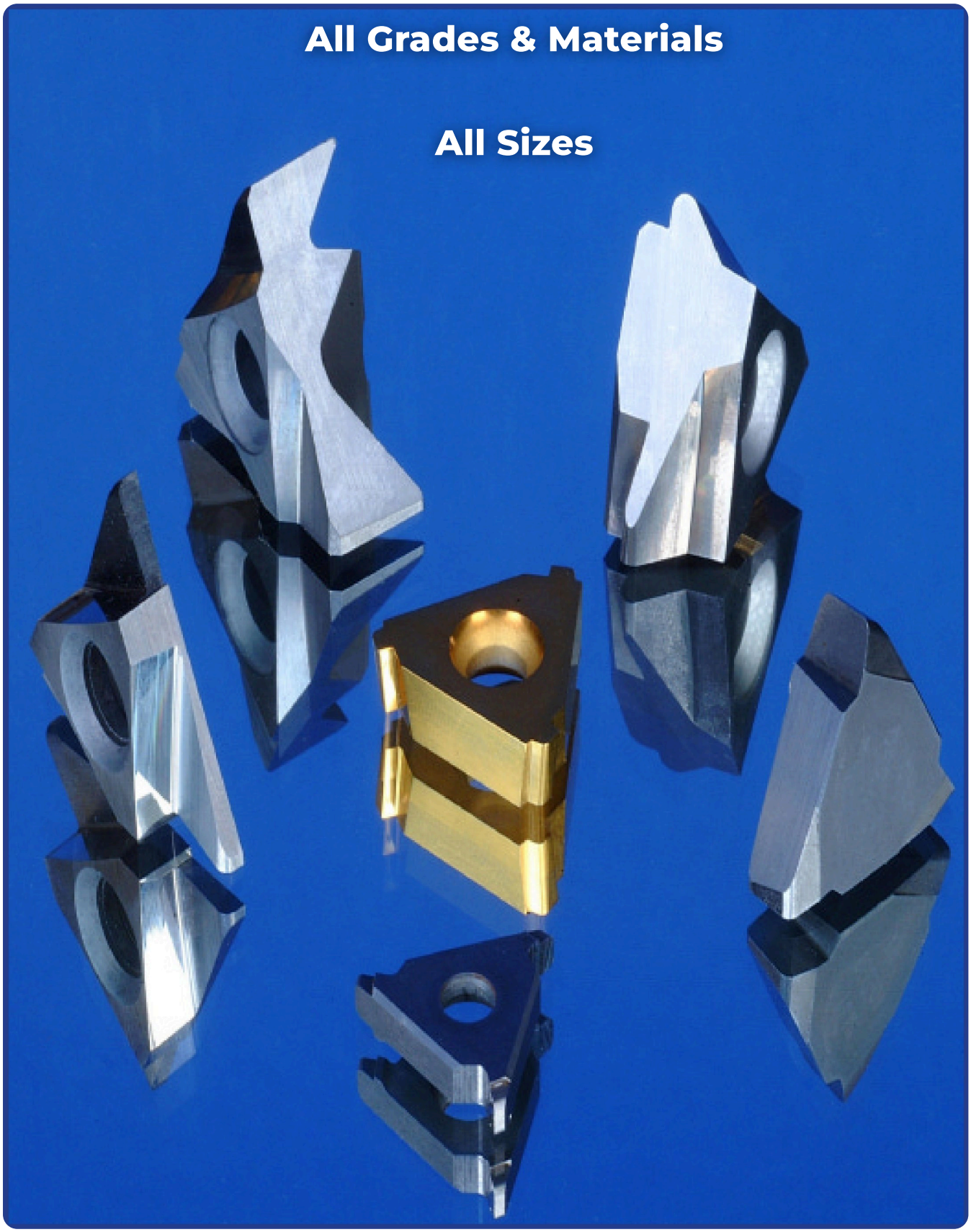
Email: info@gilmourtools.co.uk

TRIANGULAR INSERTS

GROOVING & SPECIALS

TOOLHOLDERS
Pages 36–38 & 40–41

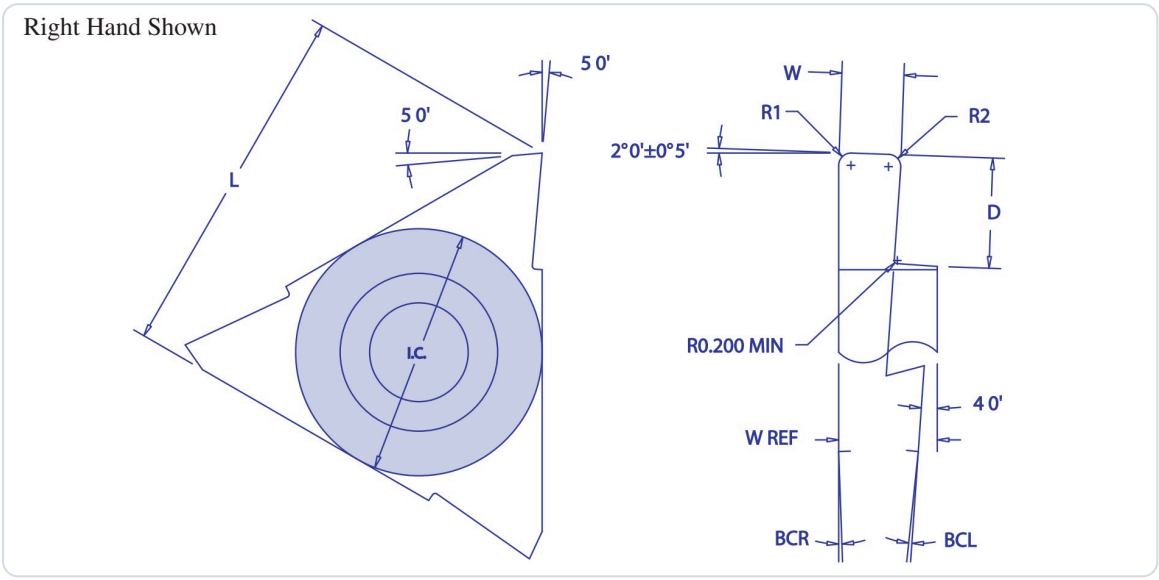


PRODUCTION INSERTS. ON TIME.

TRIANGULAR INSERTS

GROOVING FNR - NEUTRAL & POSITIVE CUTTING

TOOLHOLDERS
Pages 36–38 & 40–41



Insert Order Reference	I.C.	Hole Size	T	A	D	W (Max)
TNMC-43-R/L-2°	12.7	5.1	4.76	10.5	5.0	4.76
TNMC-54-R/L-2°	15.9	6.4	6.35	13.3	7.0	6.35
TNMC-64-R/L-2°	19.05	8.0	6.35	16.00	9.6	6.35
TNMC-66-R/L-2°	19.05	8.0	9.52	16.00	9.6	9.52

Precision Ground Insert
Insert widths to tolerance +/- 0.025. Specify 'R' or 'L' for Right or Left.
W and R must be specified when ordering. Example: TNMC 43NGL - 2 W=3.5 R=0.5
Note: TNMC - Hole with countersuink both sides.



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TRIANGULAR SPECIALS

SELECTION OF EXAMPLES

TOOLHOLDERS
Pages 36–38 & 40–41



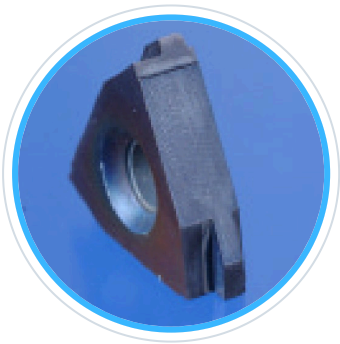
Triangle 01



Triangle 02



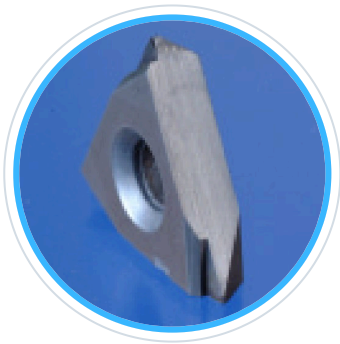
Triangle 03



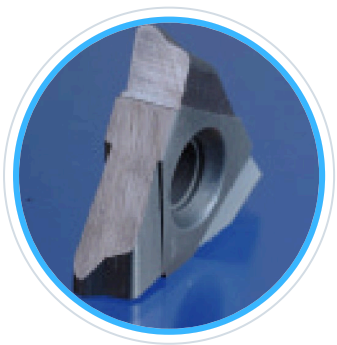
Triangle 04



Triangle 05



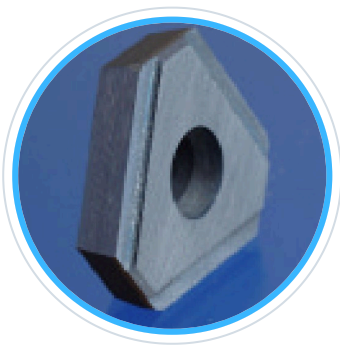
Triangle 06



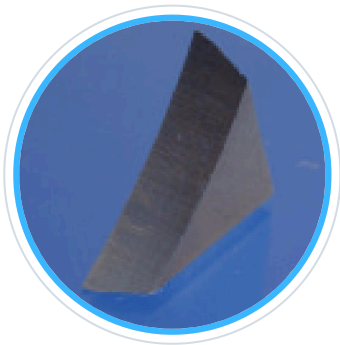
Triangle 07



Triangle 08



Triangle 09



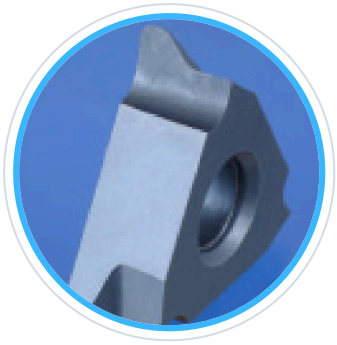
Triangle 10

PRODUCTION INSERTS. ON TIME.

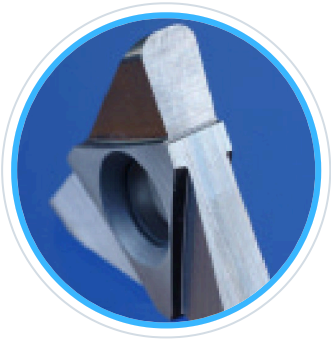
TRIANGULAR SPECIALS

SELECTION OF EXAMPLES

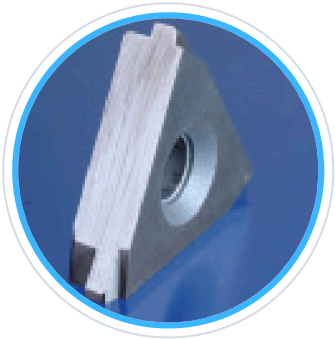
TOOLHOLDERS
Pages 36–38 & 40–41



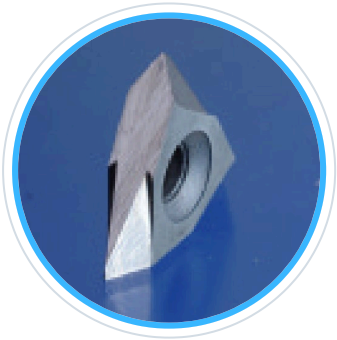
Triangle 11



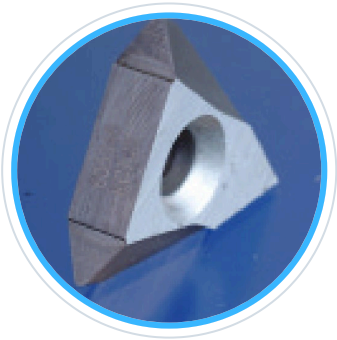
Triangle 12



Triangle 13



Triangle 14



Triangle 15



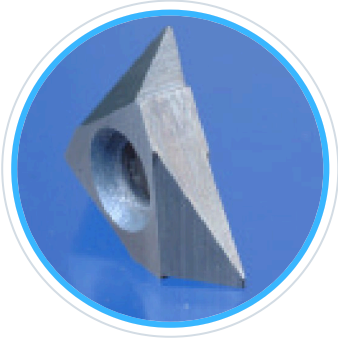
Triangle 16



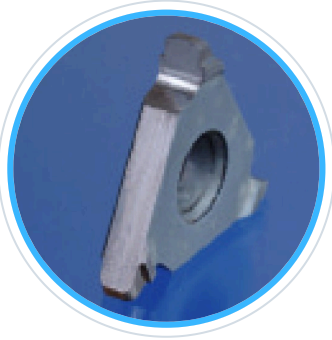
Triangle 17



Triangle 18



Triangle 19



Triangle 20

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SPECIAL INSERTS

SELECTION OF EXAMPLES

TOOLHOLDERS
On request



PRODUCTION INSERTS. ON TIME.

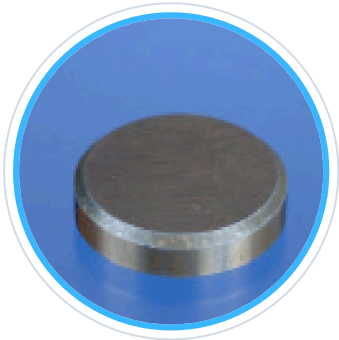
SPECIAL INSERTS

SELECTION OF EXAMPLES

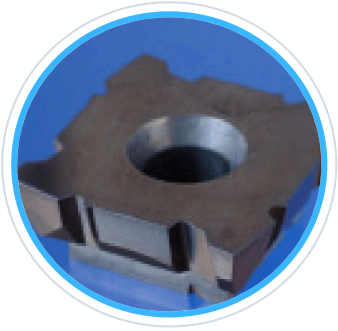
TOOLHOLDERS
On request



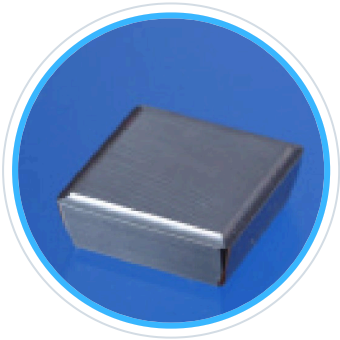
Special 01



Special 02



Special 03

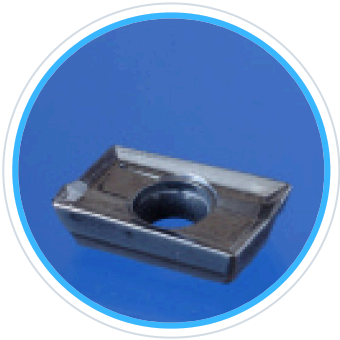


Special 04

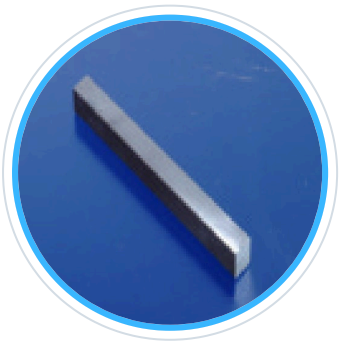
If you can think of a tool . . .

. .we can make it.

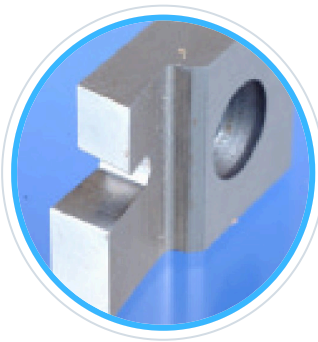
CALL US NOW



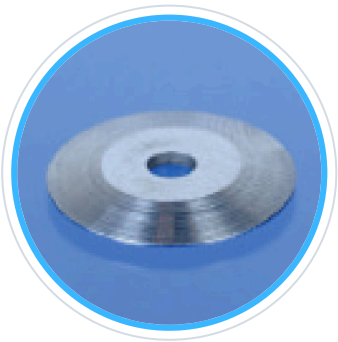
Special 06



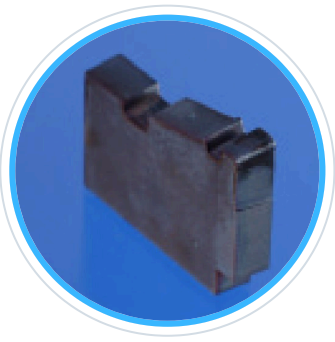
Special 07



Special 08



Special 09



Special 10

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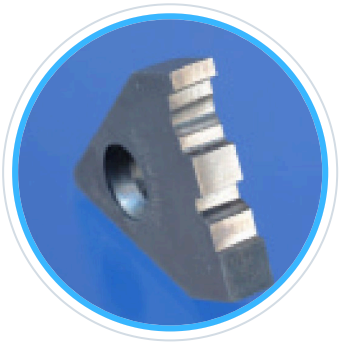
SPECIAL INSERTS

SELECTION OF EXAMPLES

TOOLHOLDERS
On request



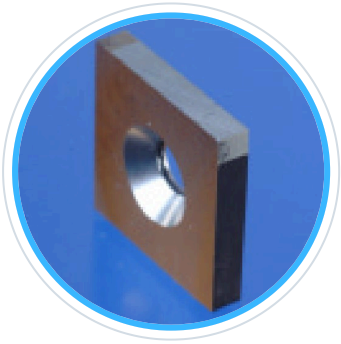
Special 11



Special 12



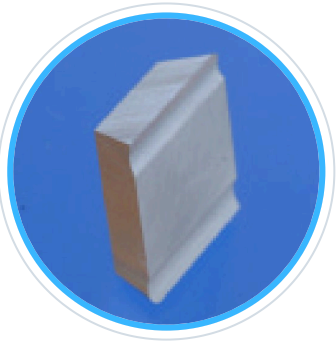
Special 13



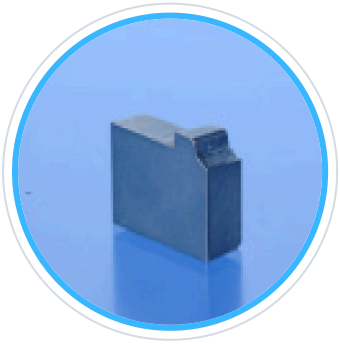
Special 14

Your special could be our standard

SEND DRAWINGS



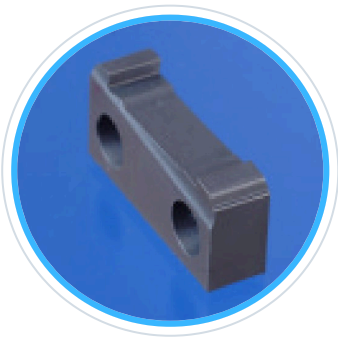
Special 16



Special 17



Special 18



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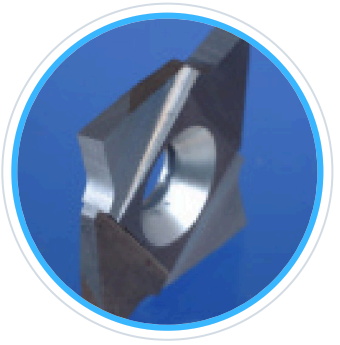


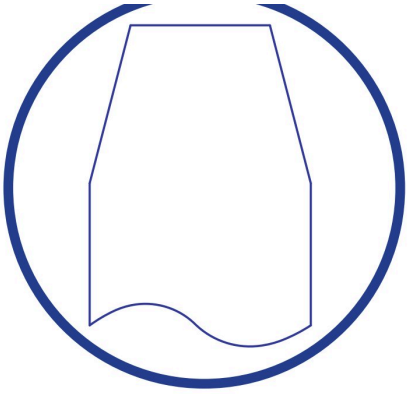
Special 20

PRODUCTION INSERTS. ON TIME.

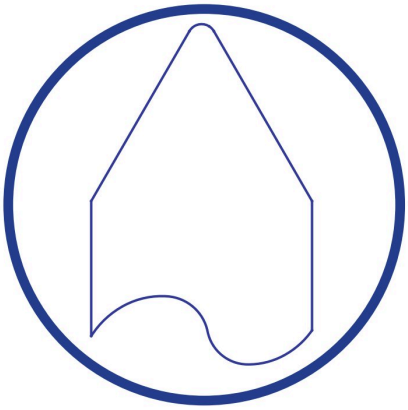
THREAD FORMS

OUTLINE FORMS SELECTION

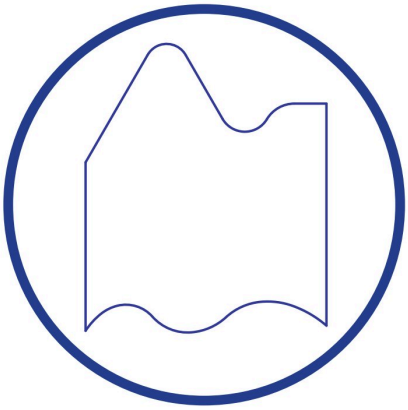
TOOLHOLDERS
Pages 40–41 & request



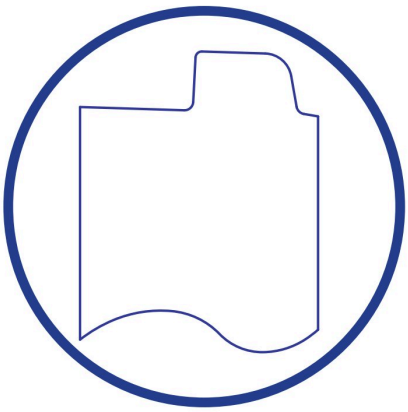
ACME / Stub ACME



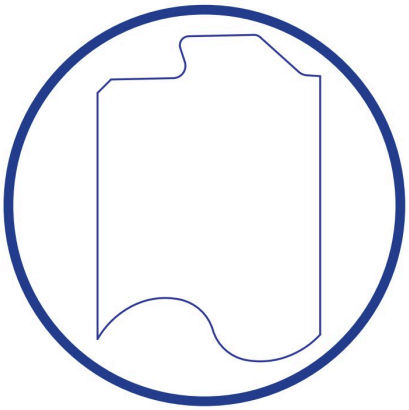
Vee Thread



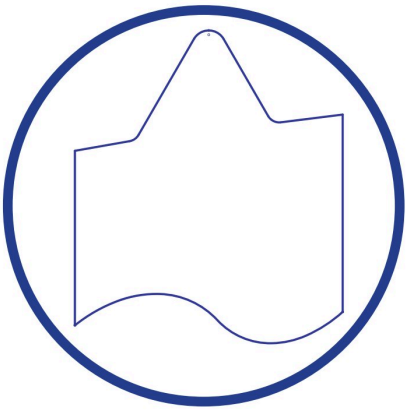
Round Thread



Buttress



Thread Forms



Rotary Shoulder

ALL thread forms can be supplied on ALL inserts.
Other thread forms can be manufactured to customer drawing specifications.

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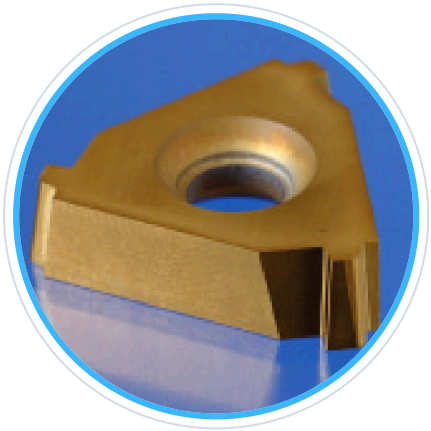
THREADING INSERTS

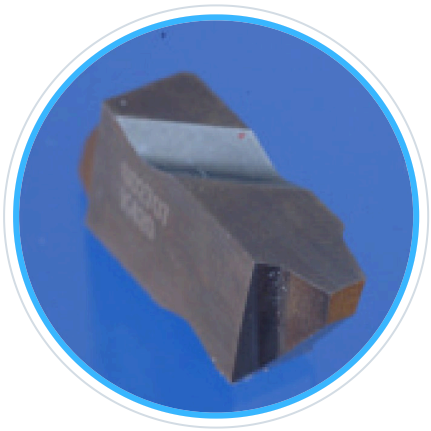
SELECTION OF EXAMPLES

TOOLHOLDERS
Pages 40–41 & request

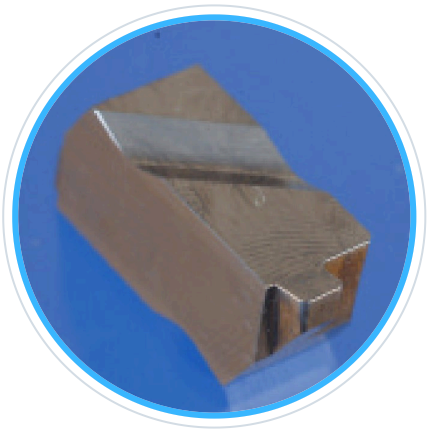
Gilmour Tools can make thread forms on all shapes of inserts.
We can also coat and edge round to customer specification.
Please contact us for further information.
A selection of our threading inserts are below.



Thread 01



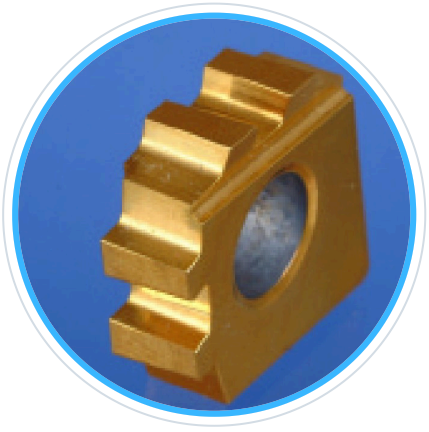
Thread 02



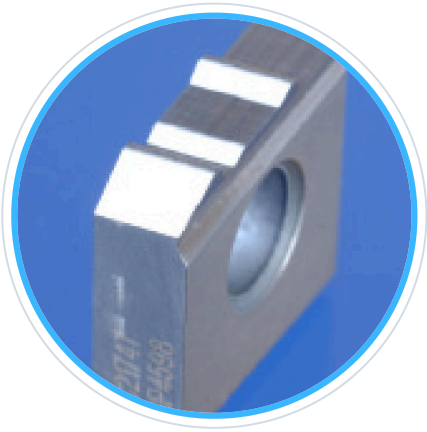
Thread 03



Thread 04



Thread 05



Thread 06

PRODUCTION INSERTS. ON TIME.

TOOLHOLDERS
On request

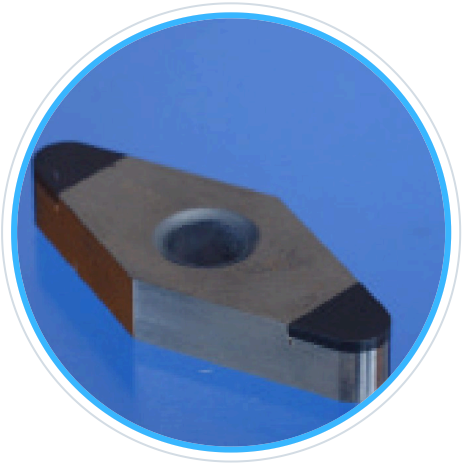
PCD, PCBN & CBN Tipped Inserts

All of our inserts can be PCD, PCBN or CBN tipped at request.

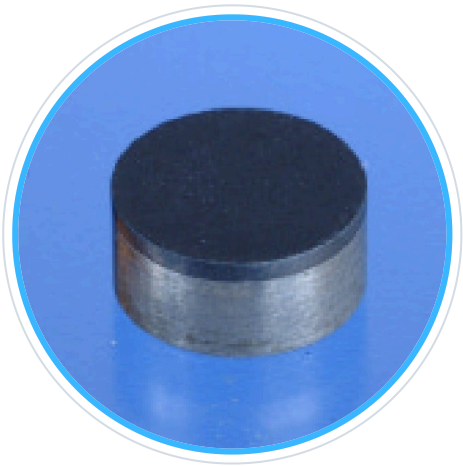
We can carry out this procedure using our fully automated Ewag machines with erosion and complete grind in the one clamping for high speed and high accuracy.

We also offer a full re-grind service on all diamond tipped tools.

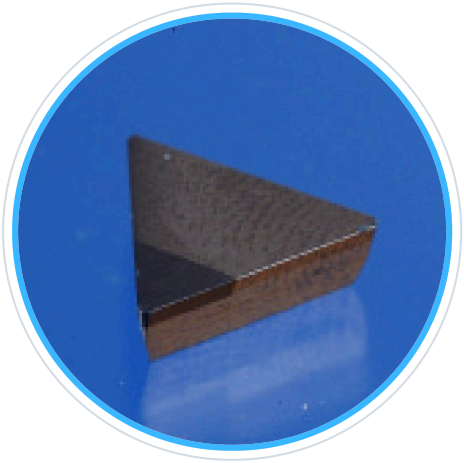
Below is a small sample of our tipped tools.



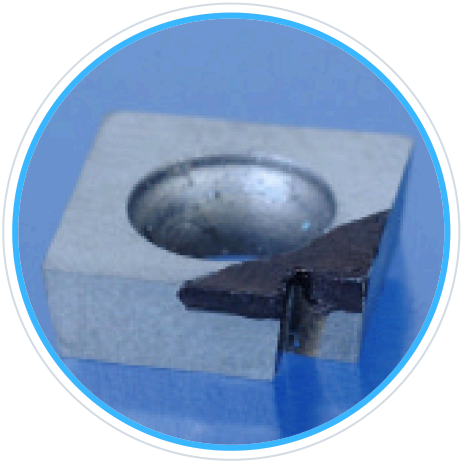
T 01



T 02



T 03



T 04

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Gilmour Tools-Ltd
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ROTARY CUTTERS

SELECTION OF EXAMPLES

TOOLHOLDERS
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ROTARY CUTTERS

SELECTION OF EXAMPLES

TOOLHOLDERS
On request

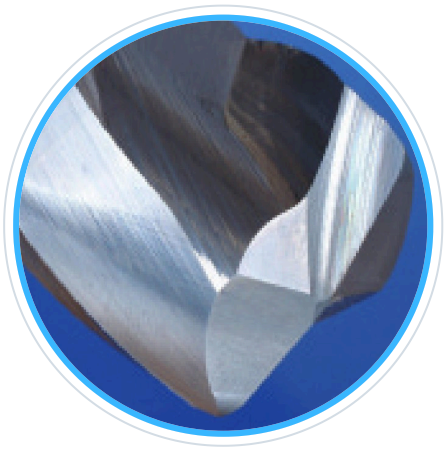


We can manufacture all forms of rotary cutters complete from the solid. The cutter is manufactured on our Ewag Ewamatic which has six wheel heads, a 3D measuring system and the latest concentricity software to a tolerance of 0.001mm As well as making rotary cutters in all materials we can also diamond tip any cutter. From one-off to batch work, regrinding or refurbishment we can supply the right cutting tool solution.

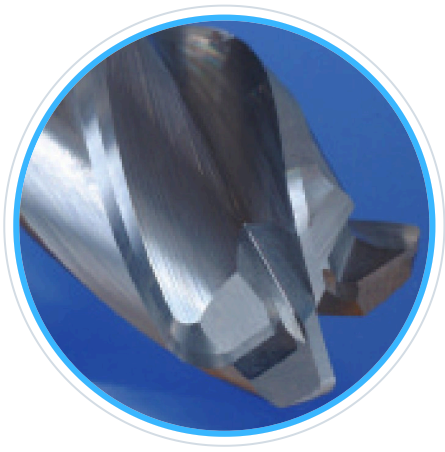
A sample selection of tools is pictured below and opposite.



Rotary 01



Rotary 02



Rotary 03

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ROTARY CUTTERS

SELECTION OF EXAMPLES

TOOLHOLDERS
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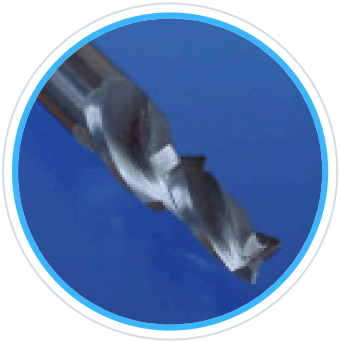
Rotary 04



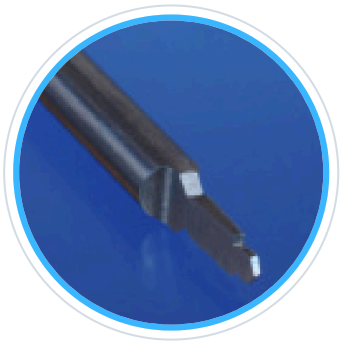
Rotary 05



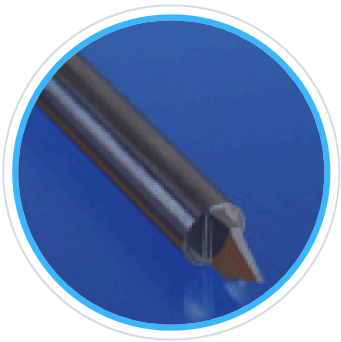
Rotary 06



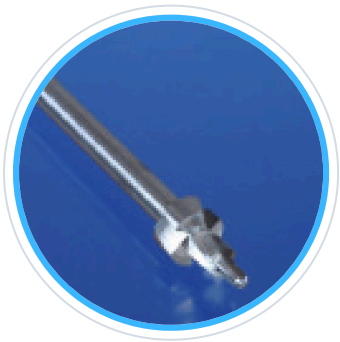
Rotary 07



Rotary 08



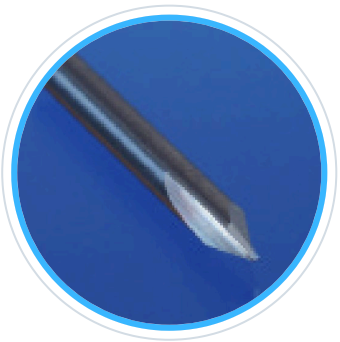
Rotary 09



Rotary 07



Rotary 10



Rotary 11



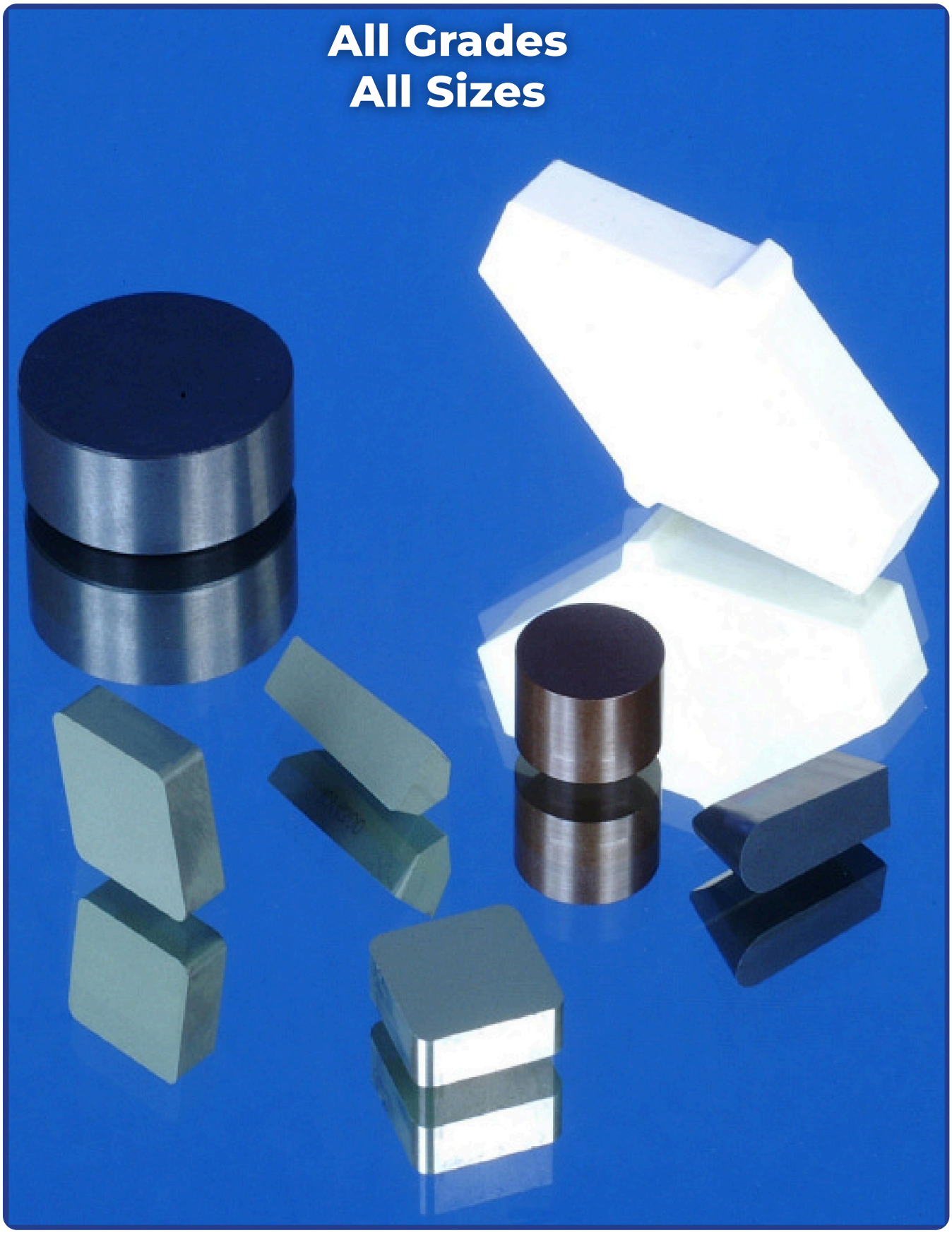
Rotary 12

PRODUCTION INSERTS. ON TIME.

CERAMIC INSERTS

STANDARD & RE-CYCLED

TOOLHOLDERS
On request



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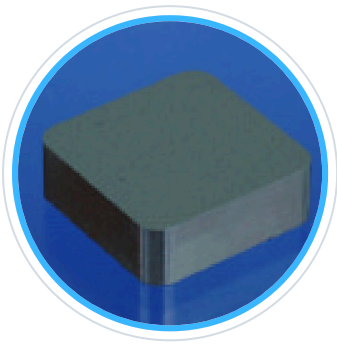
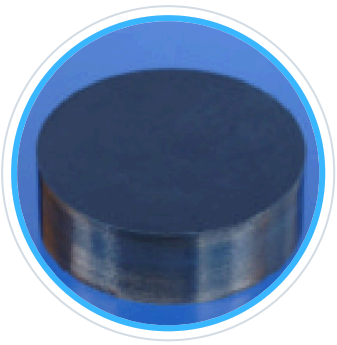
STANDARD INSERTS & RECYCLING

TOOLHOLDERS
On request

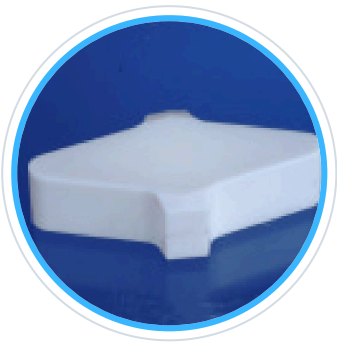
We manufacture all standard ceramic products in all grades. “Please advise us of your requirements”



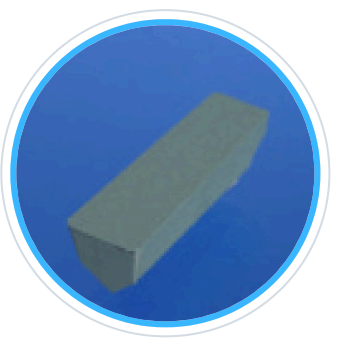
Ceramic 01



Ceramic 02



Ceramic 03

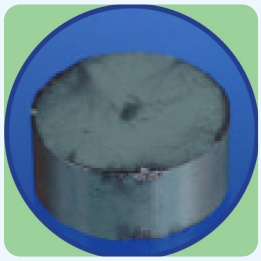


Ceramic 04

Recycling

As an addition to the above we can offer a full refurbishment/re-grind service on all ceramic blanks which makes a considerable saving on new cost. Below are some examples of scrap parts that have been re-worked.

Refurbishment to New Tool



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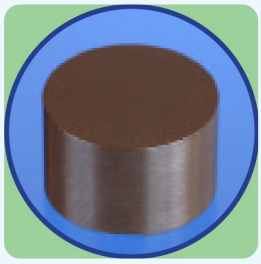

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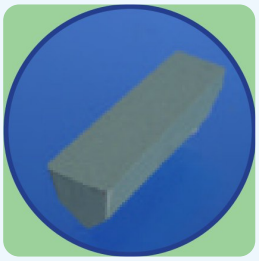
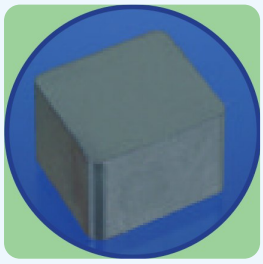


Veebased Insert

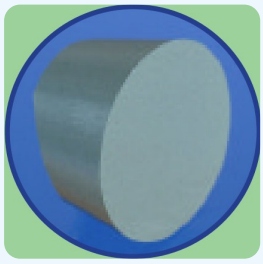
For example we can take a scrap 190700 insert and then make into a completely new 120700 or Veebased insert with a substantial saving on the new cost. This can be applied to all scrap.

Possible Savings - 50%

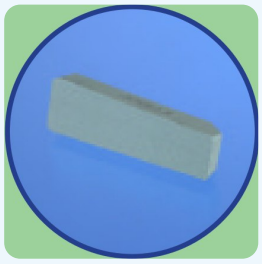
Top & Bottom Grind



Ceramic 05



Ceramic 06



Ceramic 07

As well as the above method of refurbishment we can as top & bottom grind only of most parts making even more of a saving on the cost of new inserts. Typical examples shown.

Possible Savings - 75%

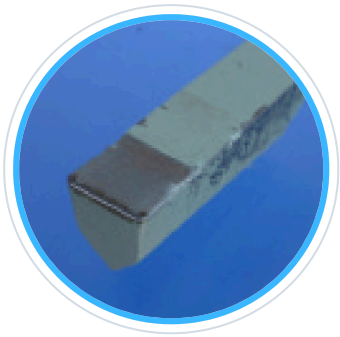
Send us some scrap for test and we will conduct the trials free of charge.
By recycling your scrap you not only save money but also help the environment.

PRODUCTION INSERTS. ON TIME.

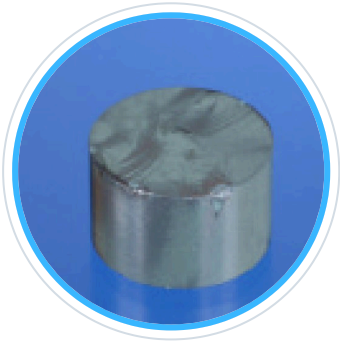
CERAMIC SPECIALS

SELECTION OF EXAMPLES

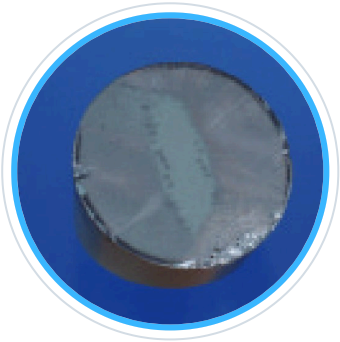
TOOLHOLDERS
On request



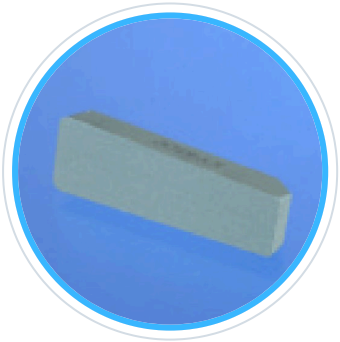
Ceramic Scrap 01



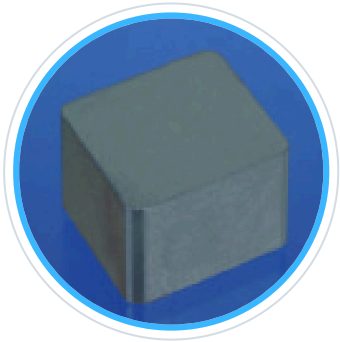
Ceramic Scrap 02



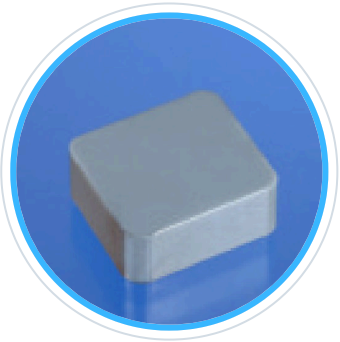
Ceramic Scrap 03



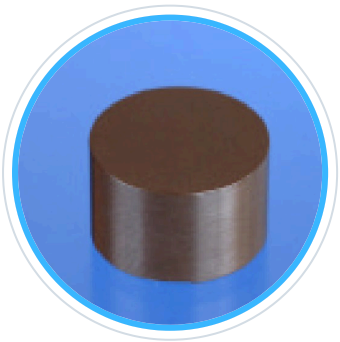
Ceramic Refurbished 01



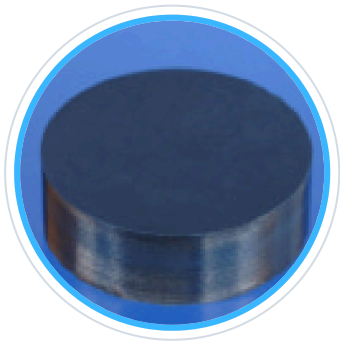
Ceramic Refurbished 02



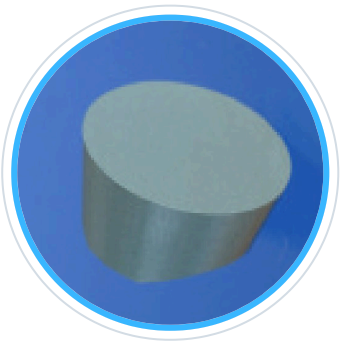
Ceramic Refurbished 03



Ceramic New 01



Ceramic New 02



Ceramic New 03



Ceramic New 04

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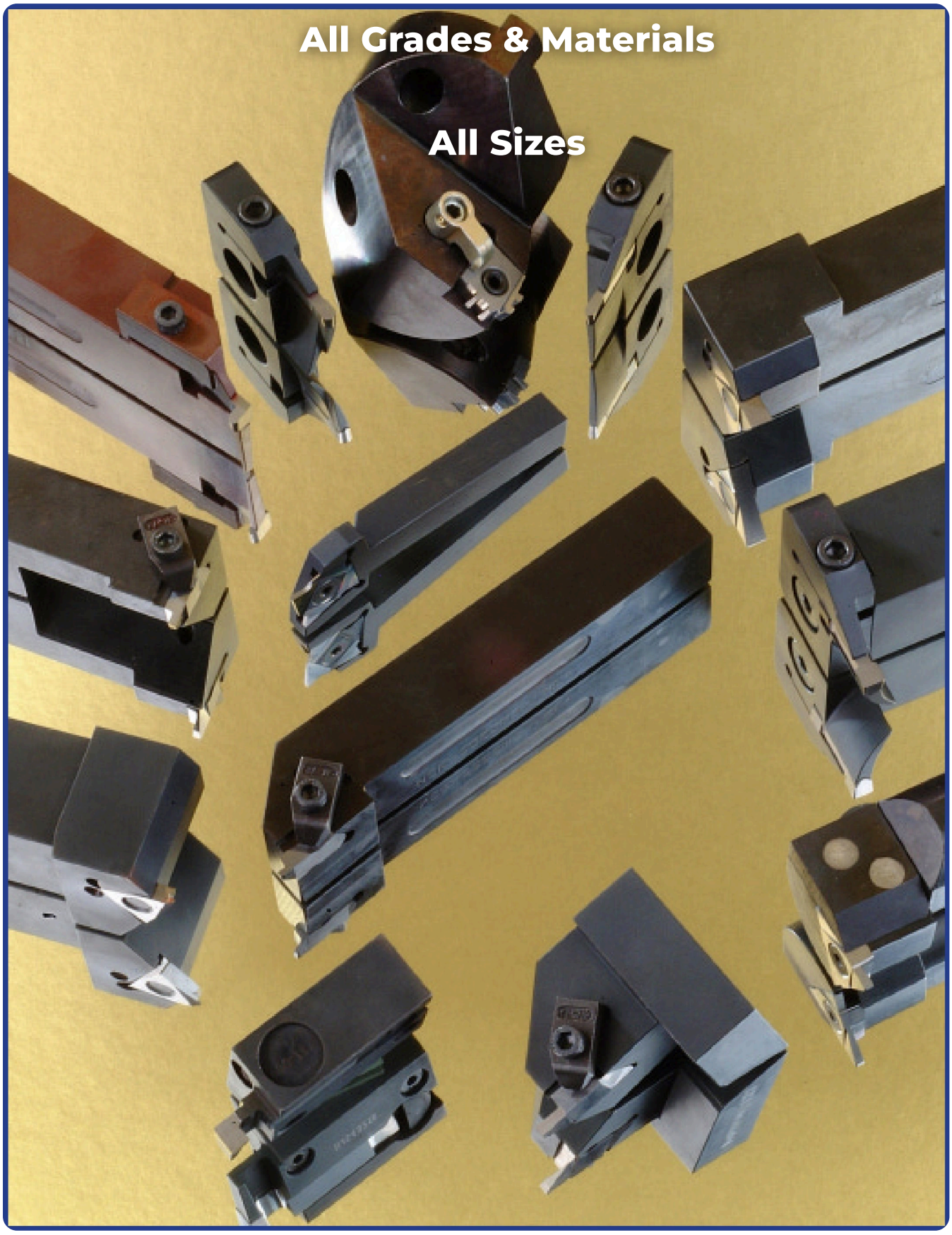
TOOLHOLDERS

GT NOTCH, VEE BASED, TRIANGULAR, SPECIALS & THREADING

INSERTS
Pages 5–30

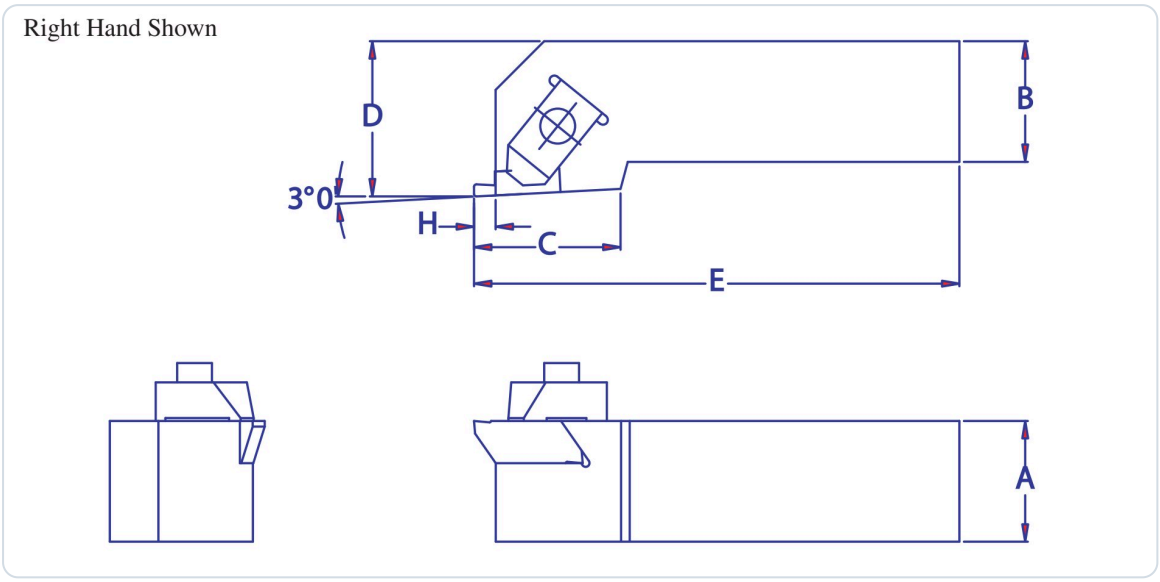


PRODUCTION INSERTS. ON TIME.

GN THREADING & GROOVING

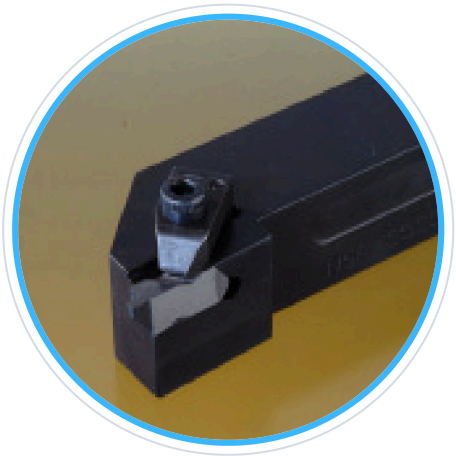
GNS EXTERNAL

INSERTS
Pages 5–8



Holder Order Reference	A	B	C	D	E	H	RH CLAMP	LH CLAMP	Insert
GNS 2525-2R/L	25	25	19	32	127	3.18	CM74	CM75	GNN/P-2
GNS 2525-3R/L	25	25	32	32	150	4.57	CM72	CM73	GNN/P-3
GNS 3225-3R/L	25	32	32	32	150	4.57	CM72	CM73	GNN/P-3
GNS 2525-4R/L	25	25	35	32	150	7.11	CM72	CM73	GNN/P-4
GNS 3225-4R/L	25	32	35	32	150	7.11	CM72	CM73	GNN/P-4
GNS 3232-5R/L	32	32	51	40	150	10.00	CM80	CM81	GNN/P-5

Right hand holder uses right hand inserts & clamps.
Left hand holder uses left hand inserts & clamps.



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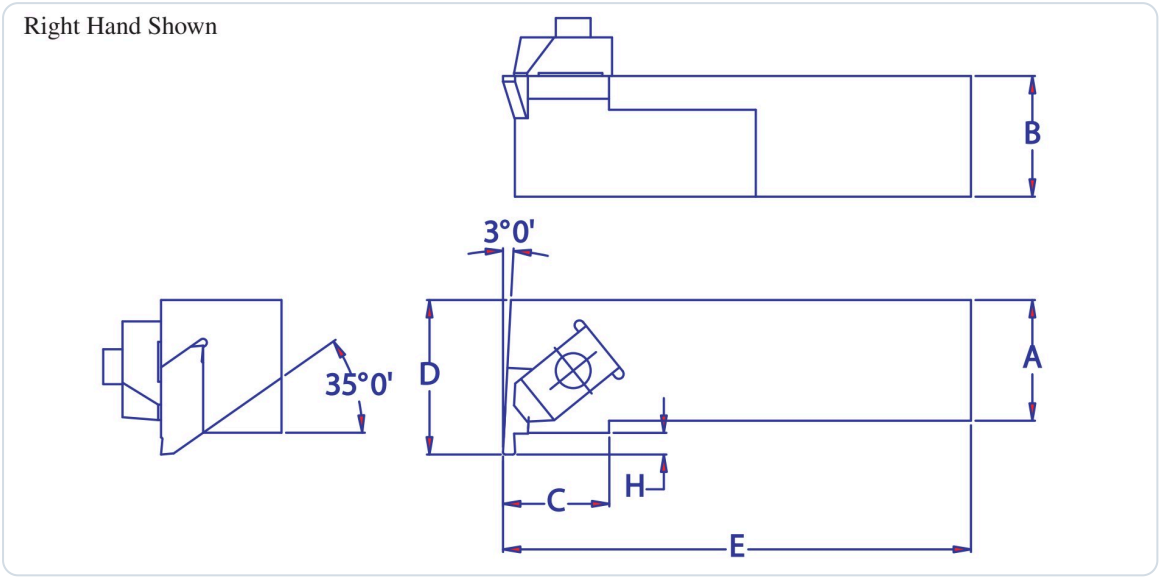
GN THREADING & GROOVING

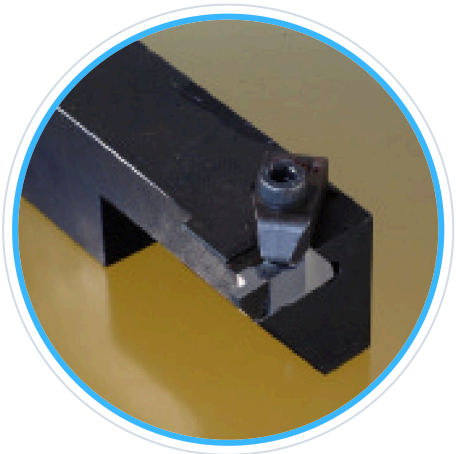
GNS INTERNAL

INSERTS
Pages 5–8



Holder Order Reference	A	B	C	D	E	H	RH CLAMP	LH CLAMP	Insert
GNS 2525-2R/L	25	25	15	32	127	3.18	CM74	CM75	GNN/P-2
GNS 2525-3R/L	25	25	22	32	150	4.57	CM72	CM73	GNN/P-3
GNS 3225-3R/L	25	32	22	32	150	4.57	CM72	CM73	GNN/P-3
GNS 2525-4R/L	25	25	24	35	150	7.11	CM72	CM73	GNN/P-4
GNS 3225-4R/L	25	32	35	32	150	7.11	CM72	CM73	GNN/P-4
GNS 3232-5R/L	32	32	35	50	150	10.00	CM80	CM81	GNN/P-5

Right hand holder uses left hand inserts & clamps.
Left hand holder uses right hand inserts & clamps.

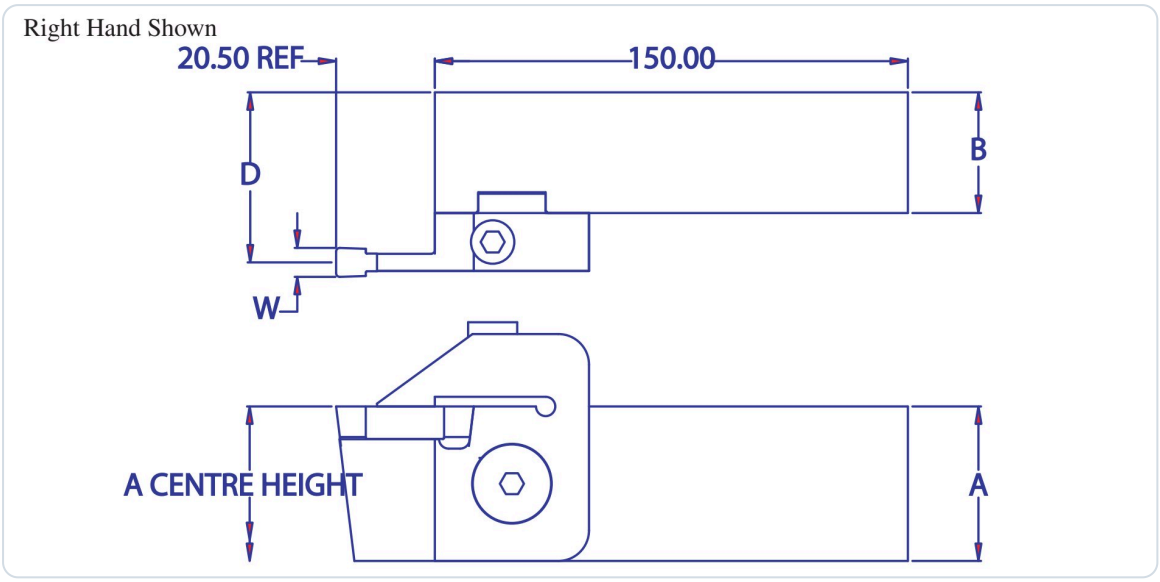


PRODUCTION INSERTS. ON TIME.

VB GROOVING & PROFILING

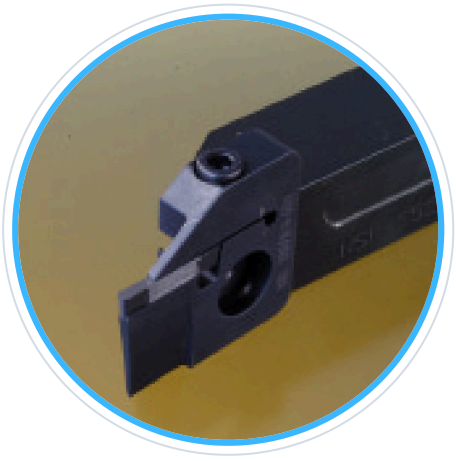
VBE EXTERNAL

INSERTS
Pages 9–14



Insert		Dimensions				Blade & Clamp Order Reference
W (min)	W (max)	A	B	C	D	
.125 (3.18)	.156 (397)	25	25	40	35.60	SBC 125/126 R/L
		32	25	47	35.60	
.157 (3.98)	.218 (5.56)	25	25	40	35.20	SBC 125/126 R/L
		32	25	47	35.20	
.219 (5.57)	.250 (6.35)	25	25	40	35.20	SBC 125/126 R/L
		32	25	47	35.20	
.251 (6.36)	.312 (7.94)	25	25	40	34.50	SBC 125/126 R/L
		32	25	47	34.50	
.313 (7.95)	.375 (9.52)	25	25	40	33.50	SBC 125/126 R/L
		32	25	40	33.50	

1. Standard 010xM8x16LG Shoulder screw for support blade. 2. Clamp screw STC-11 3. Support blade can be used with either 2525 or 3225 shanks. 4. Blade & clamp are supplied as one unit - set up DIM = D+1/2 insert width. 5. Add FNR to support blade reference when ordering inserts with full nose radius.



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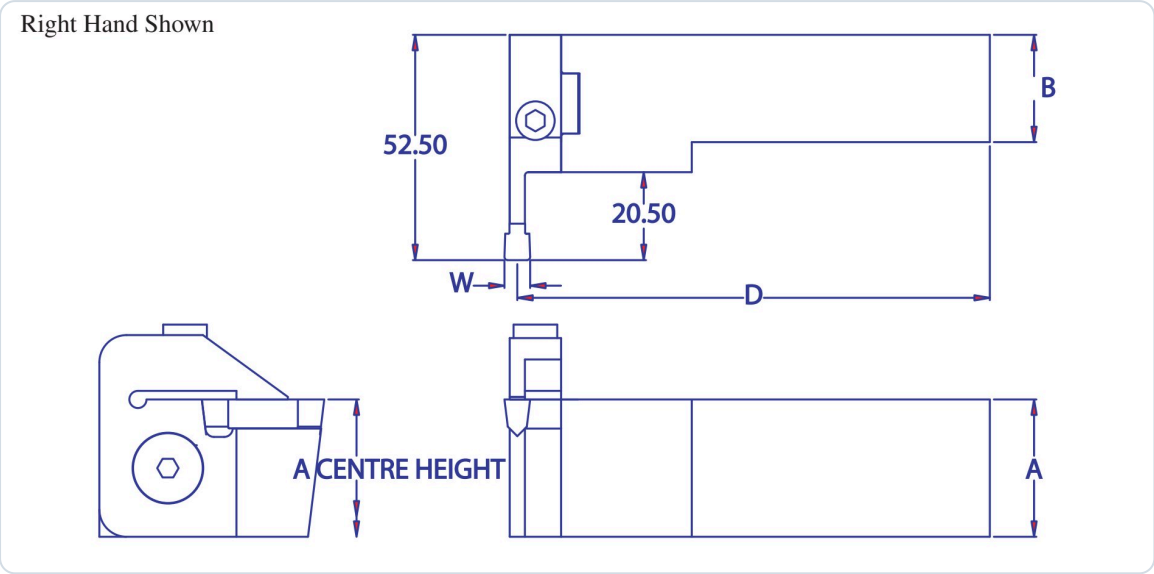
VB GROOVING & PROFILING

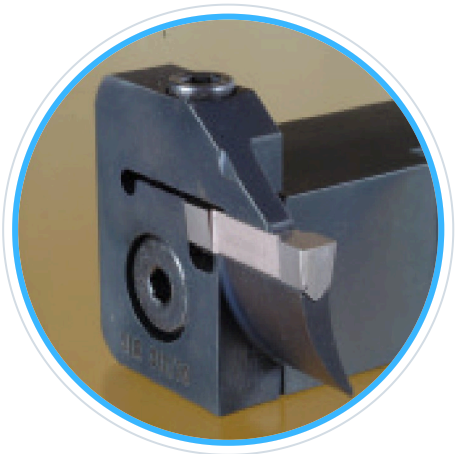
VBI INTERNAL

INSERTS
Pages 9–14



Insert		Dimensions				Blade & Clamp Order Reference
W (min)	W (max)	A	B	C	D	
.125 (3.18)	.156 (397)	25	25	40	35.60	SBC 125/126 R/L
		32	25	47	35.60	
.157 (3.98)	.218 (5.56)	25	25	40	35.20	SBC 125/126 R/L
		32	25	47	35.20	
.219 (5.57)	.250 (6.35)	25	25	40	35.20	SBC 125/126 R/L
		32	25	47	35.20	
.251 (6.36)	.312 (7.94)	25	25	40	34.50	SBC 125/126 R/L
		32	25	47	34.50	
.313 (7.95)	.375 (9.52)	25	25	40	33.50	SBC 125/126 R/L
		32	25	40	33.50	

1. Standard 010xM8x16LG Shoulder screw for support blade. 2. Clamp screw STC-11 3. Support blade can be used with either 2525 or 3225 shanks. 4. Blade & clamp are supplied as one unit - set up DIM = D+1/2 insert width. 5. For RH toolholder use LH blade & clamp: LH toolholder, RH blade & clamp.

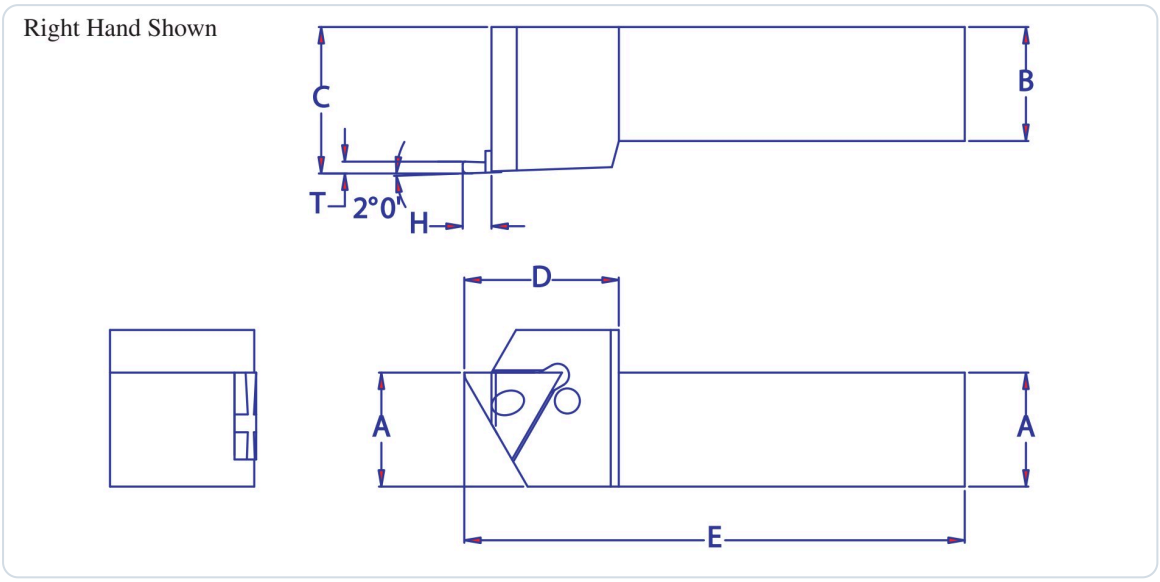


PRODUCTION INSERTS. ON TIME.

STVO GROOVING

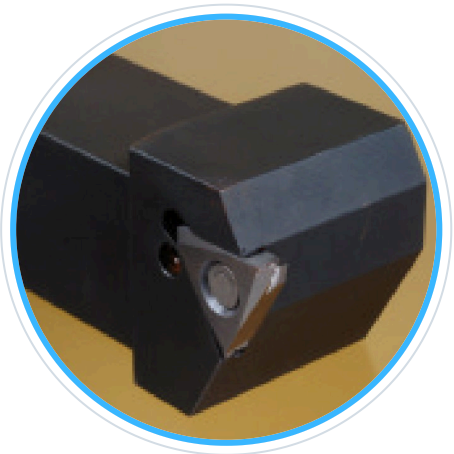
STVO EXTERNAL

INSERTS
Pages 15–18



Holder Order Reference	A	B	C	D	E	H	T	Insert Reference
STVO R/L 2525-4	25	25	32	32.0	150	5.0	4.76	TNMC 43-NG R/L-2°
STVO R/L 3225 -4	32	25	32	32.0	170			
STVO R/L 2525-5	25	25	32	33.8	150	7.0	6.35	TNMC 54-NG R/L-2°
STVO R/L 3225-5	32	25	32	33.8	170			
STVO R/L 3225-64	32	25	38	41.0	150	9.6	9.52	TNMC 64-NG R/L-2°
STVO R/L 3232-66	32	25	38	41.0	170			TNMC 66-NG R/L-2°

For use with On-Edge Triangular TNMC style forming & grooving inserts. 2° offset allows grooving up to a shoulder.



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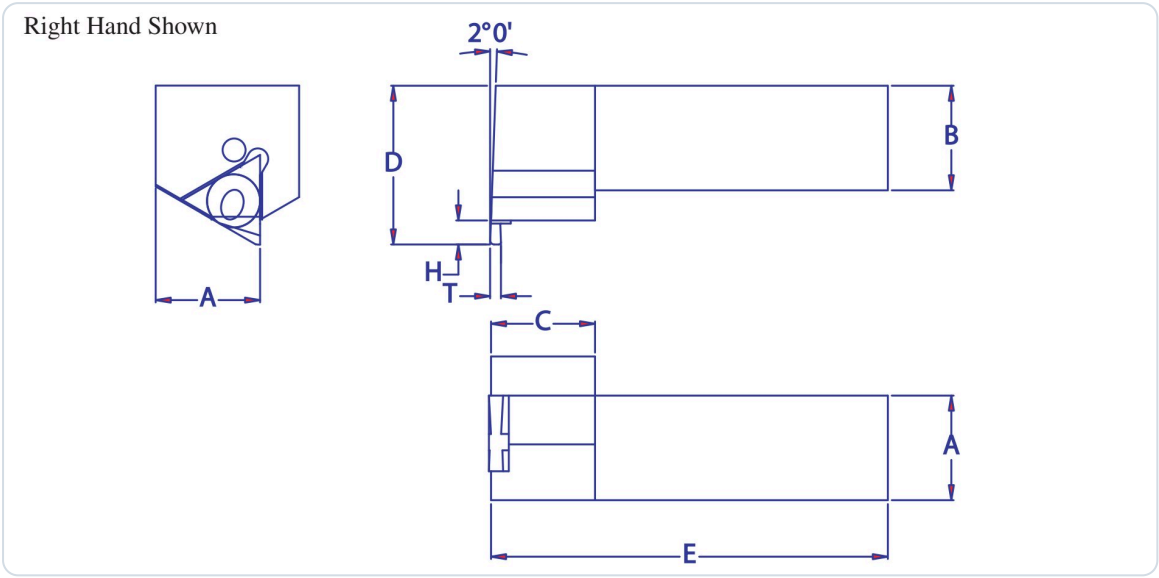
STHO GROOVING

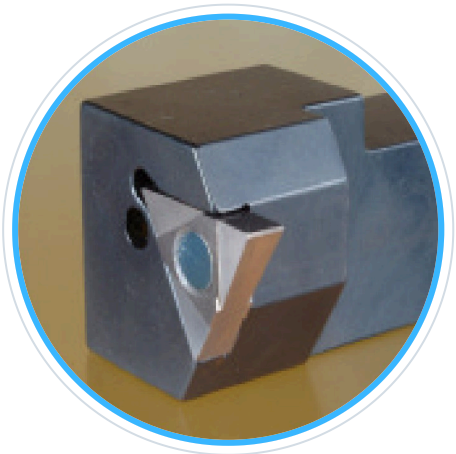
STHO INTERNAL

INSERTS
Pages 15–18



Holder Order Reference	A	B	C	D	E	H	T	Insert Reference
STHO R/L 2525-4	25	25	32	37.8	150	5.0	4.76	TNMC 43-NG R/L-2°
STHO R/L 3225 -4	32	25	32	37.8	170			
SThO R/L 2525-5	25	25	32	39.6	150	7.0	6.35	TNMC 54-NG R/L-2°
STHO R/L 3225-5	32	25	32	44.0	170			
STHO R/L 3225-64	32	25	38	44.0	150	9.6	9.52	TNMC 64-NG R/L-2°
STHO R/L 3232-66	32	25	38	44.0	170			TNMC 66-NG R/L-2°

For use with On-Edge Triangular TNMC style forming & grooving inserts. 2° offset allows grooving against shoulder.

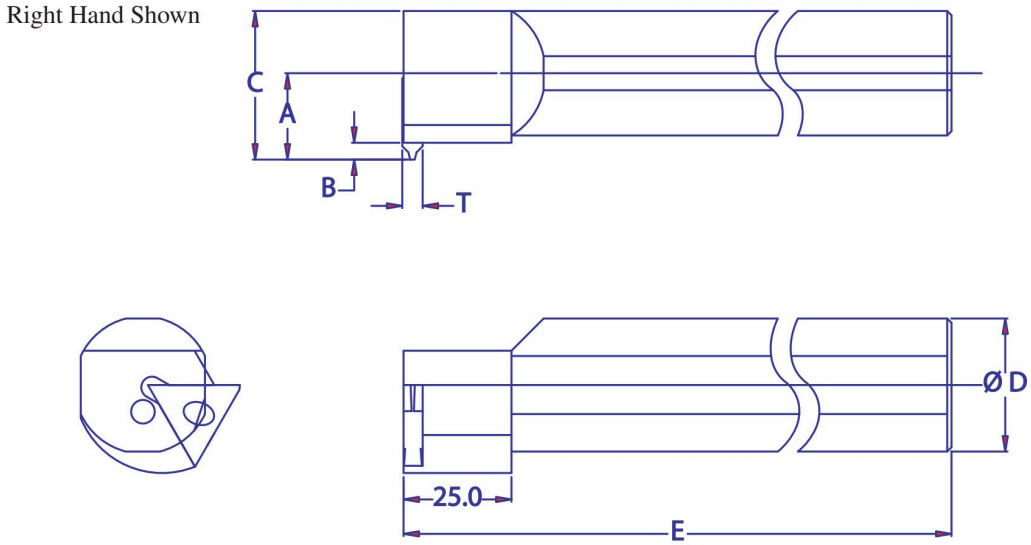


PRODUCTION INSERTS. ON TIME.

GROOVING/THREADING BAR

STB

INSERTS
Pages 15–18



Holder Order Reference	A	C	D	E	B(Max)	T	Insert Reference
STB32-4 R/L	22	38	32	250	3.92@70.0 Min Bore Dia	4.76	TNMC 43-NG R/L-2°
STB40-4 R/L	27	47	40	300			
STB32-5 R/L	27	43	32	250	5.22@85.0 Min Bore Dia	6.35	TNMC 54-NG R/L-2°
STB40-5 R/L	30	50	40	300			

For use with On-Edge Triangular TNMC style inserts.
The above can be supplied with 2° offset as required.



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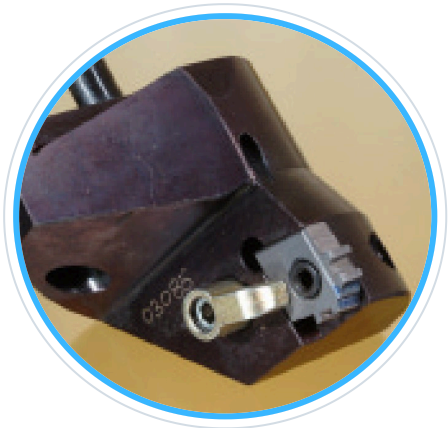
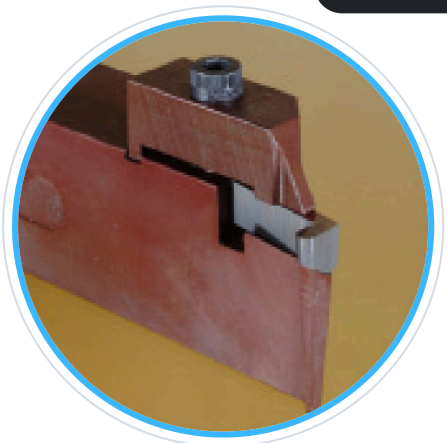
TOOLHOLDERS SPECIALS

SELECTION OF EXAMPLES

INSERTS
Pages 5–30



Special Holder 01



Special Holder 02



Special Holder 03



Special Holder 04



Special Holder 05



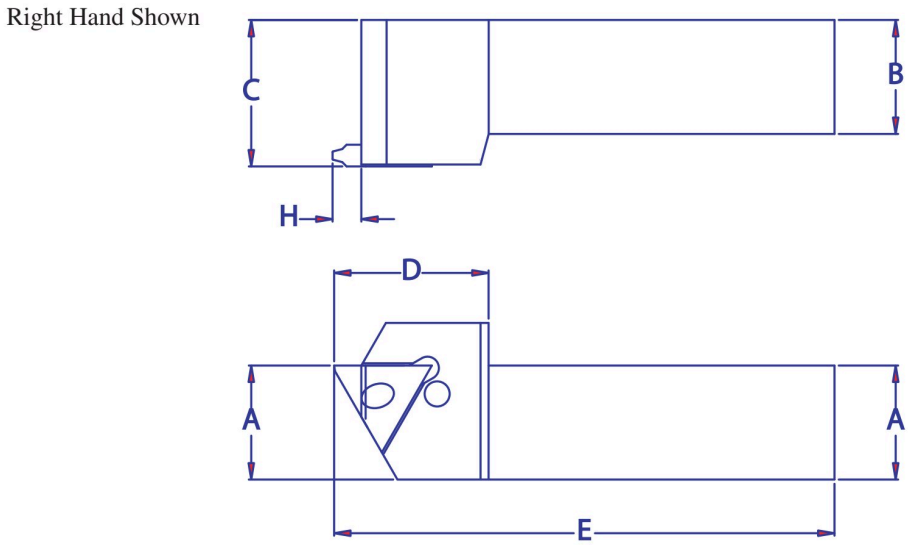
Special Holder 06

PRODUCTION INSERTS. ON TIME.

THREADING HOLDER

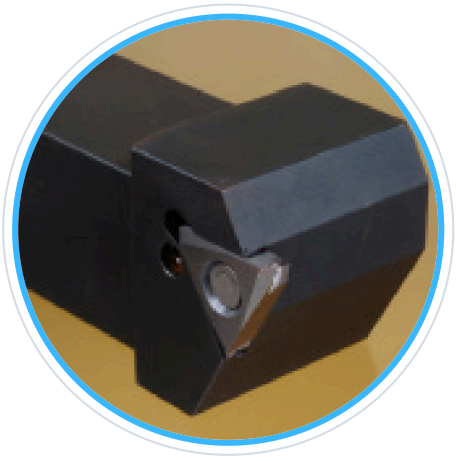
STVO EXTERNAL

INSERTS
See below



Holder Order Reference	A	B	C	D	E	H	Insert Reference
STVO R/L 2525-4	25	25	32	32.0	150	5.8	TNMC 43-R/L
STVO R/L 3225 -4	32	25	32	32.0	170		
STVO R/L 2525-5	25	25	32	33.8	150	7.0	TNMC 54-R/L
STVO R/L 3225-5	32	25	32	33.8	170		
STVO R/L 3232-66	32	25	38	41.0	170	9.6	TNMC 66-R/L

Neutral rake on-edge triangle for use with TNMC/ TPMC style inserts for threading.



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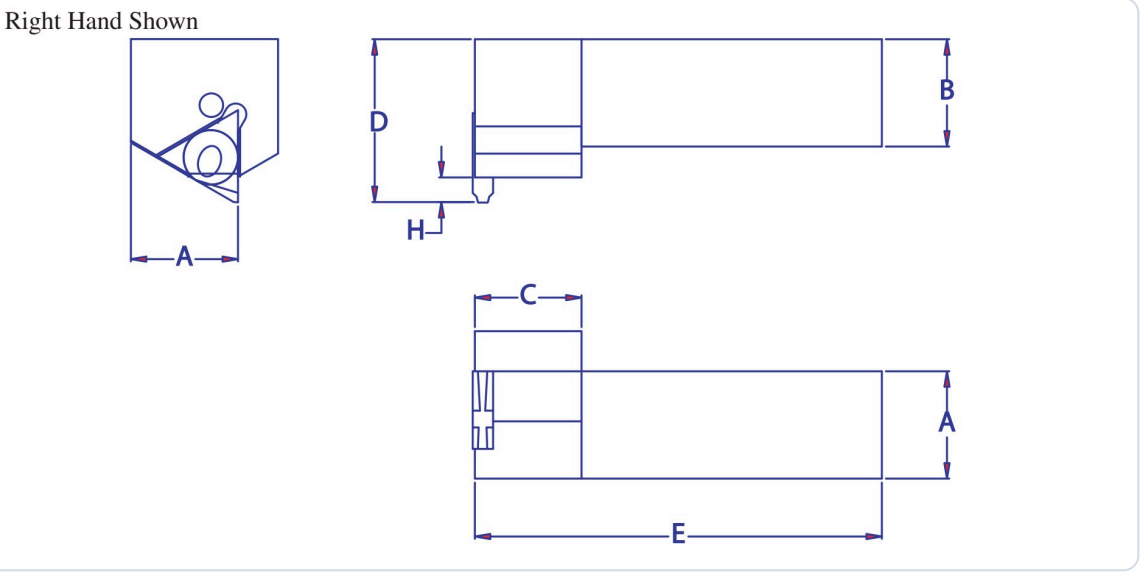
THREADING HOLDER

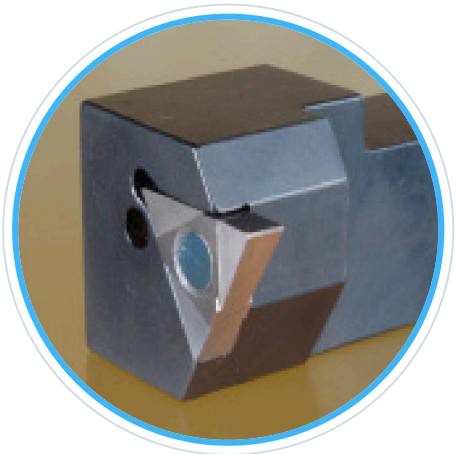
STHO INTERNAL

INSERTS
See below



Holder Order Reference	A	B	C	D	E	H	Insert Reference
STHO R/L 2525-4	25	25	32	37.8	150	5.8	TNMC 43-R/L
STHO R/L 3225 -4	32	25	32	37.8	170		
STHO R/L 2525-5	25	25	32	39.6	150	7.0	TNMC 54-R/L
STHO R/L 3225-5	32	25	32	44.0	170		
STHO R/L 3232-66	32	25	38	44.0	170	9.6	TNMC 66-R/L

Neutral rake on-edge triangle for use with TNMC/ TPMC style inserts for threading.

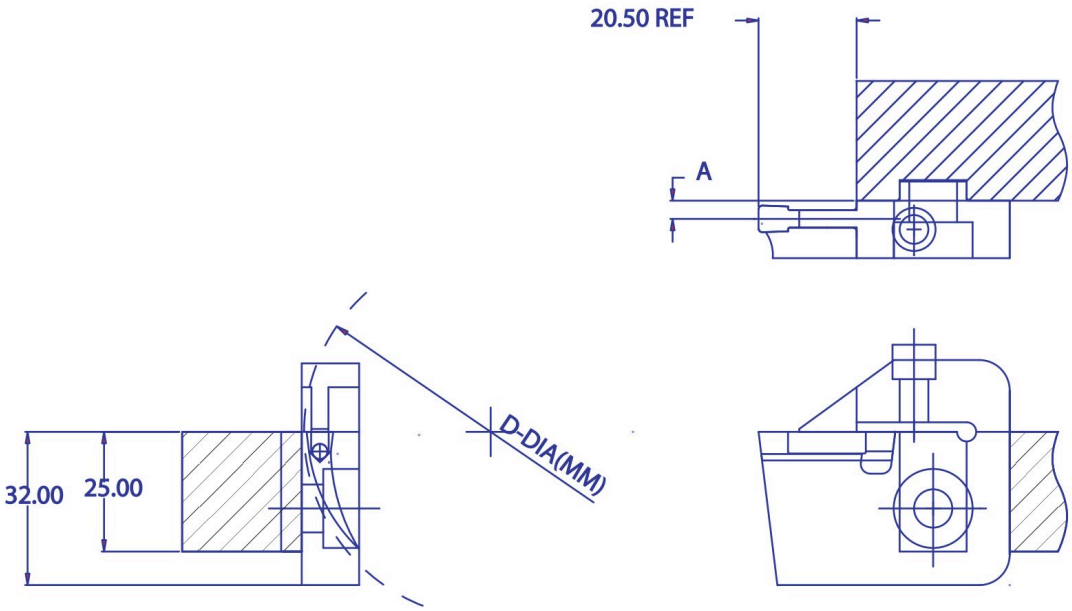


PRODUCTION INSERTS. ON TIME.

RH SUPPORT BLADE & CLAMP

RH CURVE - RH EXTERNAL

INSERTS
Pages 9–14



A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
4.5	312-45	312-70	312-100	312-135	312-185	312-250	312-400	DBV 312
5.5	375-45	375-70	375-100	375-135	375-185	375-250	375-400	DBV 375

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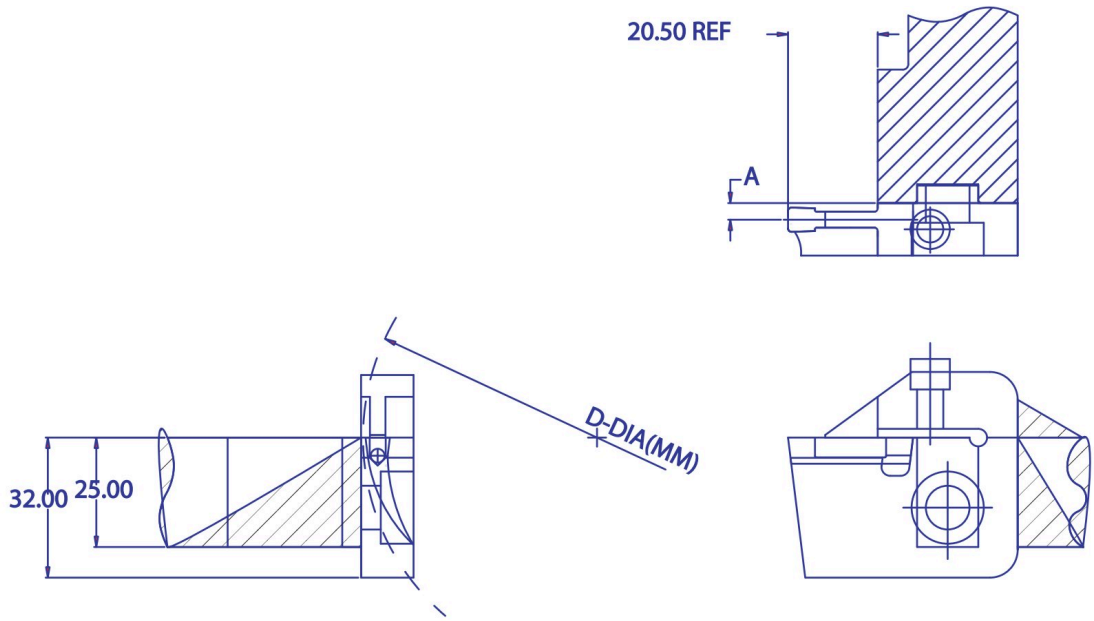
RH SUPPORT BLADE & CLAMP

RH CURVE - LH INTERNAL

INSERTS
Pages 9–14



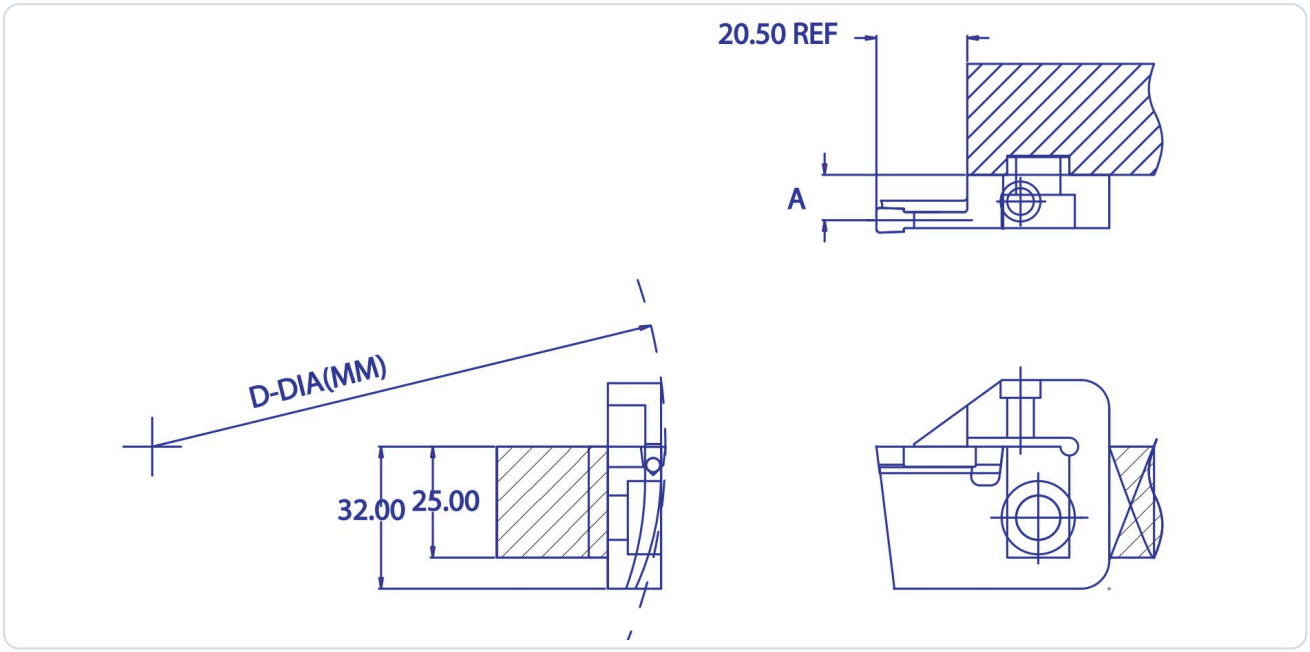
A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
4.5	312-45	312-70	312-100	312-135	312-185	312-250	312-400	DBV 312
5.5	375-45	375-70	375-100	375-135	375-185	375-250	375-400	DBV 375

PRODUCTION INSERTS. ON TIME.

RH SUPPORT BLADE & CLAMP

LH CURVE - RH EXTERNAL

INSERTS
Pages 9–14



A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
4.5	312-45	312-70	312-100	312-135	312-185	312-250	312-400	DBV 312
5.5	375-45	375-70	375-100	375-135	375-185	375-250	375-400	DBV 375

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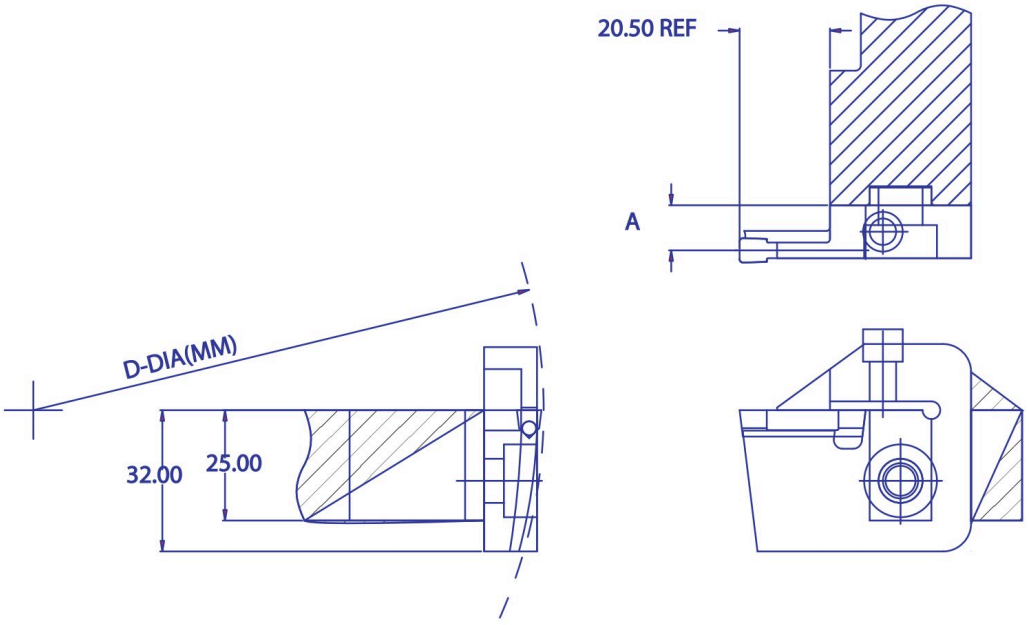
LH CURVE - LH INTERNAL

INSERTS
Pages 9–14



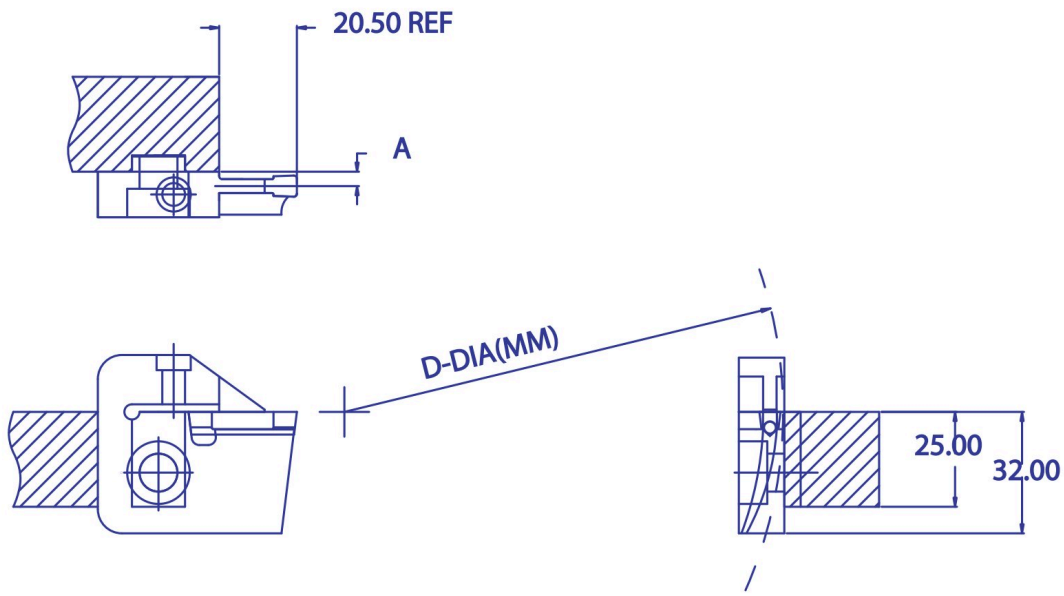
A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
4.5	312-45	312-70	312-100	312-135	312-185	312-250	312-400	DBV 312
5.5	375-45	375-70	375-100	375-135	375-185	375-250	375-400	DBV 375

PRODUCTION INSERTS. ON TIME.

LH SUPPORT BLADE & CLAMP

LH CURVE - LH EXTERNAL

INSERTS
Pages 9–14



A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
4.5	312-45	312-70	312-100	312-135	312-185	312-250	312-400	DBV 312
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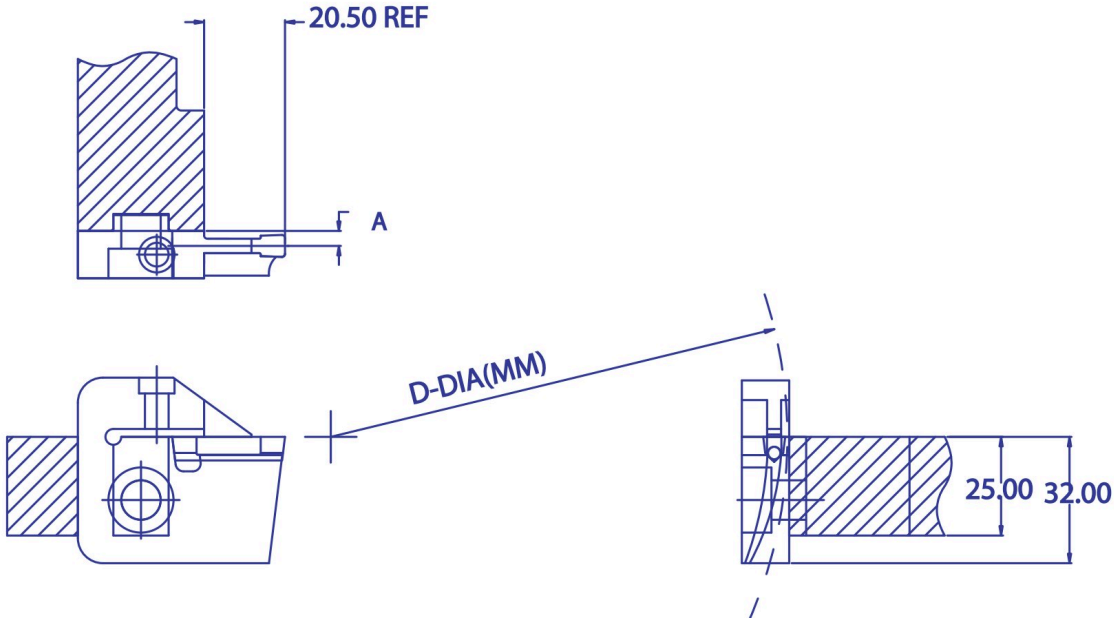
LH CURVE - RH INTERNAL

INSERTS
Pages 9–14



A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
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3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
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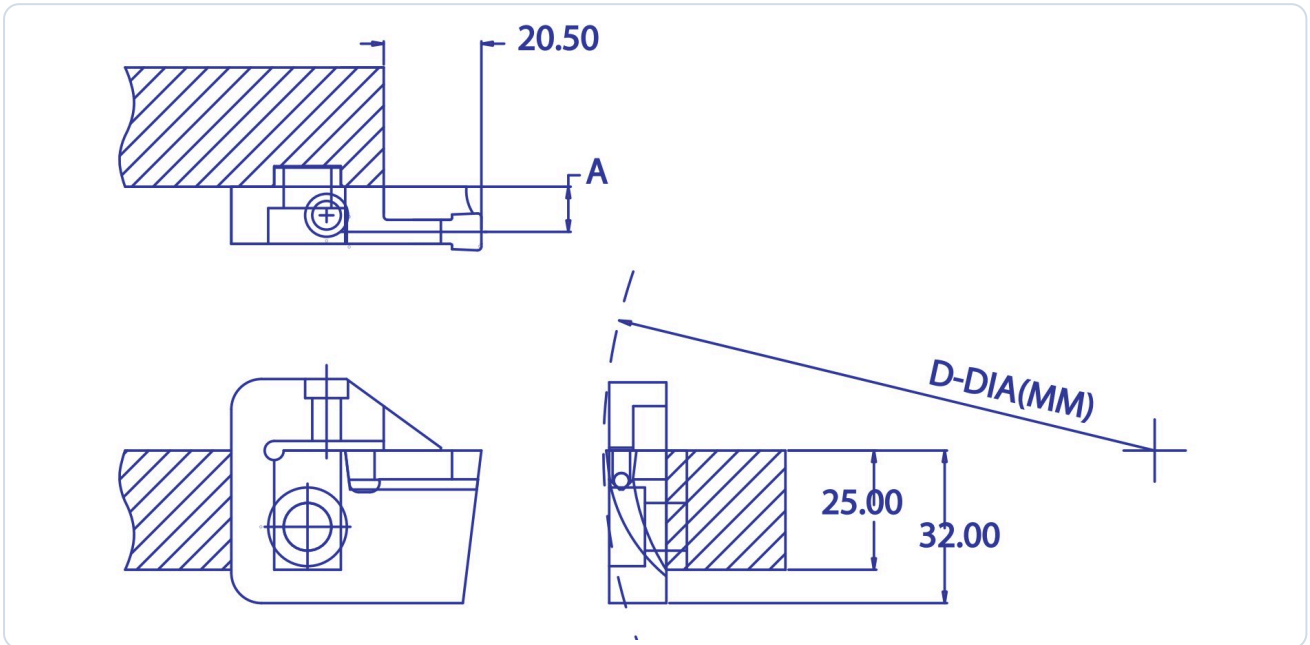
PRODUCTION INSERTS. ON TIME.

LH SUPPORT BLADE & CLAMP

RH CURVE - LH EXTERNAL

INSERTS
Pages 9–14



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3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400	DBV 250
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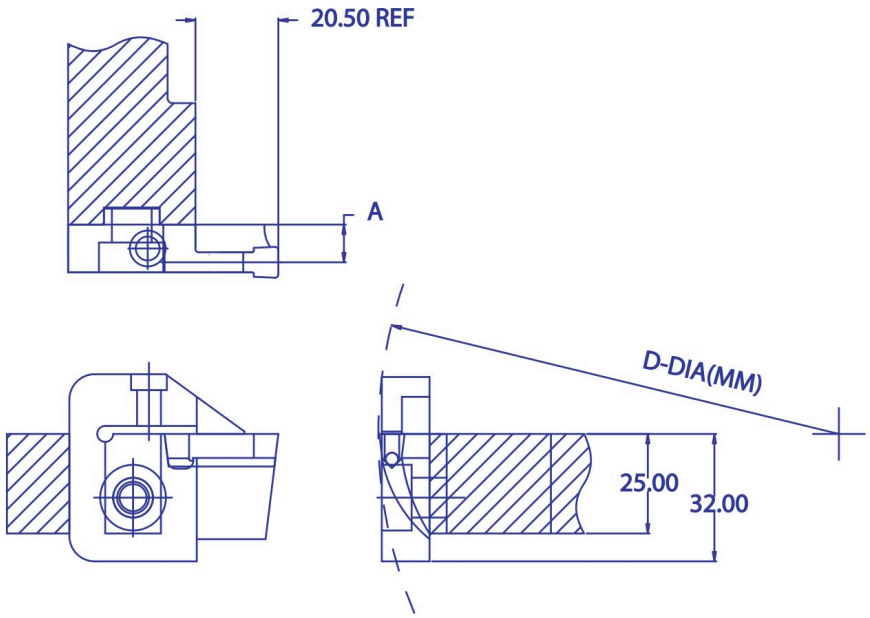
RH CURVE - RH INTERNAL

INSERTS
Pages 9–14



A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
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5.5	375-45	375-70	375-100	375-135	375-185	375-250	375-400	DBV 375

PRODUCTION INSERTS. ON TIME.

SERVICES

ENGRAVING, POLISHING & HONING, TOOLROOM

QUOTES
On request



ENGRAVING, POLISHING & HONING, TOOLROOM

As part of our main manufacturing process we also offer the following:

01

Laser Engraving

Laser engraving service on our YAG Industrial Laser. This allows us to laser engrave all typesets and logos on all materials to customers' requirements from one-off to batch work. This ensures 100% traceability on all parts. *(example above)*

02

Polishing & Honing

Polishing and honing service by abrasive flow or brush hone method. This increases the tools life by removing any sharp edges and reduces breakages. The process gives an even edge round from .0005mm upwards and improves the surface finish.

03

Tool Room

Our tool room machines EDM, CNC machining centres, grinders and lathes. From prototype to batch work, we offer quality competitive service with prompt delivery.

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RESOURCES

FACTORY & EQUIPMENT

SCOTTISH
FACTORY

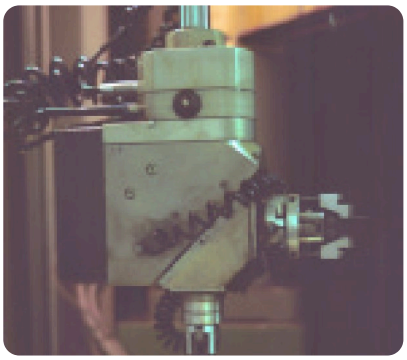
Gilmour Tools believe that precision ground products require to be manufactured using the latest technology available. We have achieved this by investing in 5 EWAG Ewamatics CNC multi purpose grinders with robots at a cost of over £1.25 Million. The Ewag Ewamatic allows us to produce the complete tool in one clamping - from sintered blank we can periphery grind, top rake, finish form and chip groove without removing the part. This ensures accuracy as the part is measured at each stage and adjusted if required.





Our latest Ewag allows us to grind PCD, PCBN, CBN tools by erosion followed by precision grinding. This is the only machine currently available with this process which makes diamond tool grinding faster, more accurate, less expensive with a shorter delivery time. It also incorporates the latest rotary software which allows us to produce rotary tools to a 1 micron tolerance on the concentricity.

During long batch runs the robot loading system is utilised and the machine can run totally unmanned. As well as the Ewags we have numerous other specialist precision grinding machines which allow us to manufacture all tools and toolholders in-house to the highest of standards.





Once parts are finished at all machines they are given a 100% visual inspection and also checked using the latest metrology equipment at the machine and also at the final inspection process where they are also laser engraved with the customers' required identification mark.

All of the above is housed in our purpose built 10,000 sq ft factory with a 5,000 sq ft extension being completed by end of 2002.



PRODUCTION INSERTS. ON TIME.

GILMOUR TOOLS

COME AND VISIT OUR PREMISES

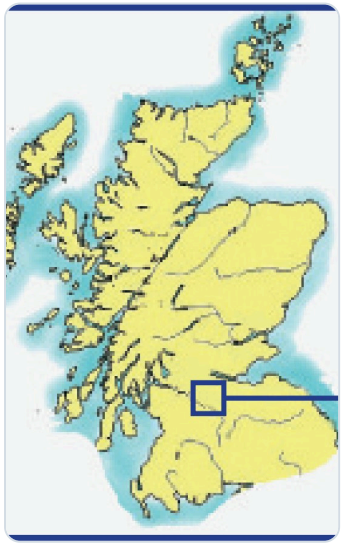
COMPANY
PROFILE

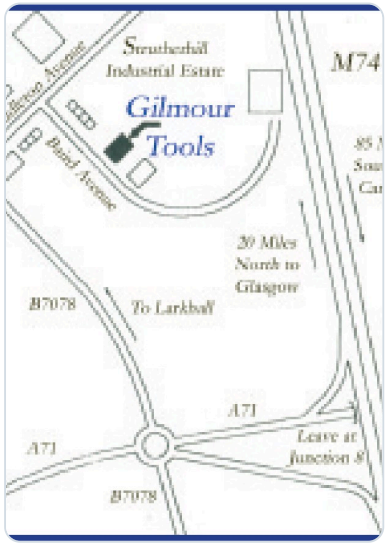


Gilmour Tools Ltd was established in 1976 housed in the above purpose built facility and has been supplying the oil, aero, car and other industries for over 25 years. During this period we have steadily grown year after year and now operate 24 hours a day, seven days a week.

Since April 2025 we have been part of Renovo Tool Group.

We achieved the ISO 9002 award in 1990 and are working towards the Investors in People status which we hope to achieve by the end of 2002.





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