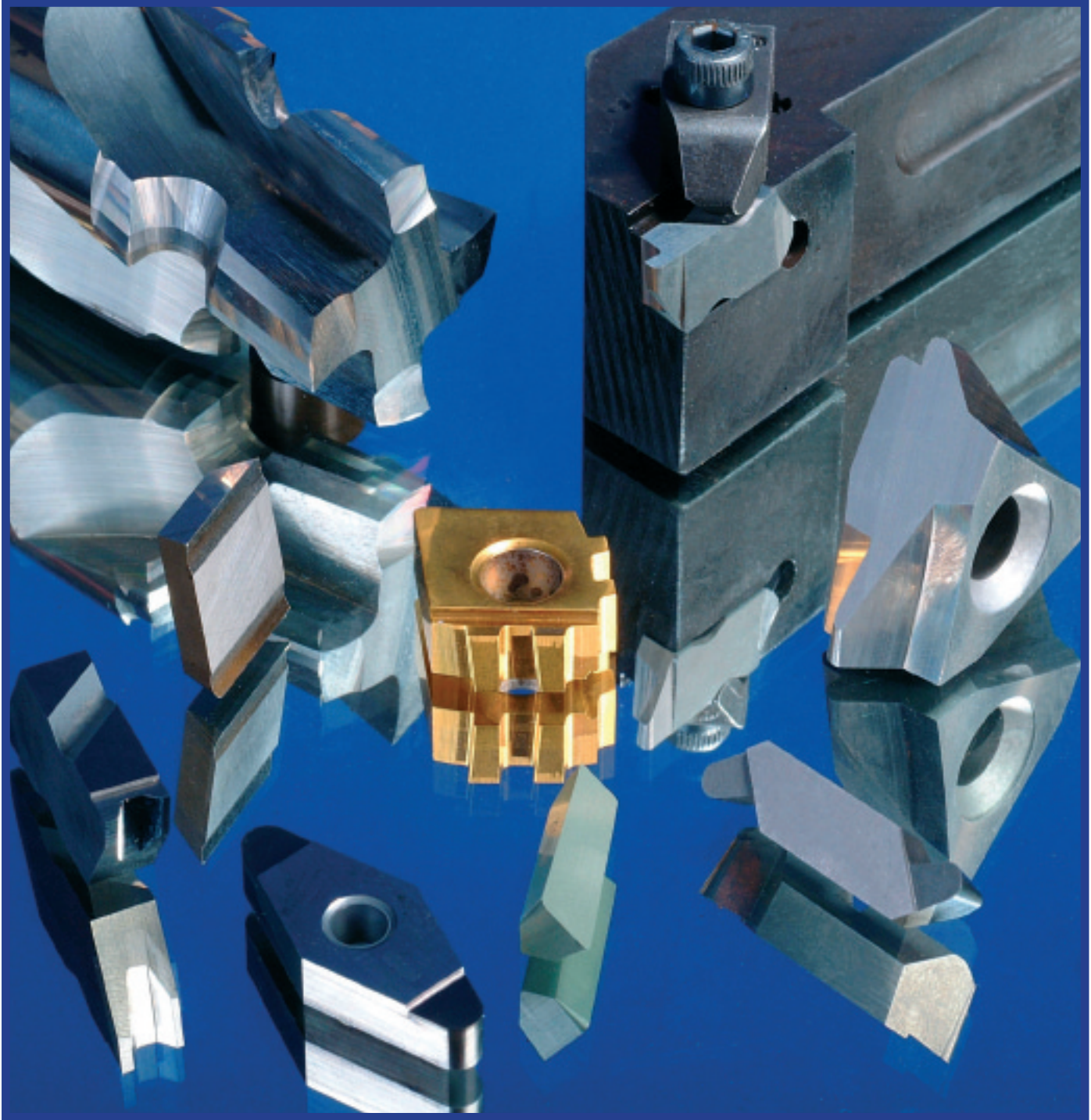


GILMOUR TOOLS

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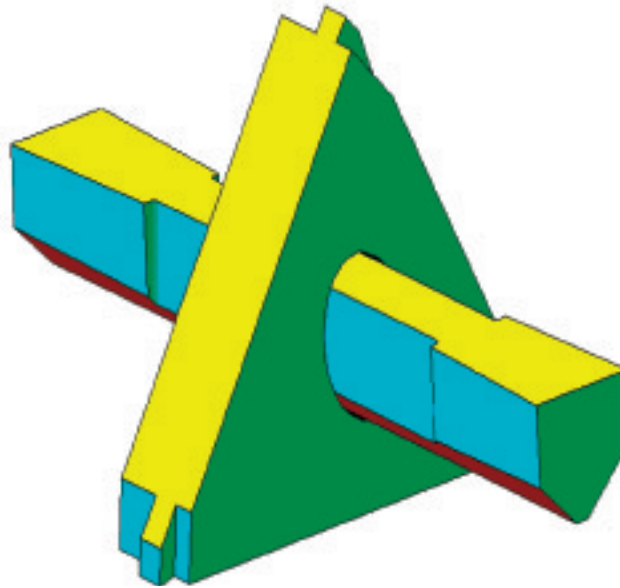
THE COMPLETE CUTTING TOOLS MANUFACTURER

Products & Services Catalogue

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Email: info@gilmourtools.co.uk



We at Gilmour Tools have been manufacturing completely precision ground cutting tools for over 25 years.

Mr Gilmour says - "Unlike all of our competitors we can manufacture the complete cutting tool solution in-house, where as they have to sub-contract the product at several stages of the manufacturing process, by keeping the complete 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.

Yours sincerely,

Gary Gilmour

Gary Gilmour
Managing Director

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



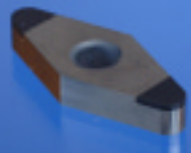
Page 19

Threading Inserts



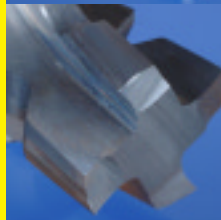
Page 22

Diamond Tipped Inserts



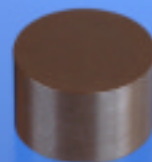
Page 24

Rotary Cutters



Page 25

Ceramic Inserts



Page 28

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

GT NOTCH INSERTS

NEUTRAL & POSITIVE CUTTING, SPECIALS

TOOLHOLDERS

PAGES 32-33

All Grades & Materials

All Sizes

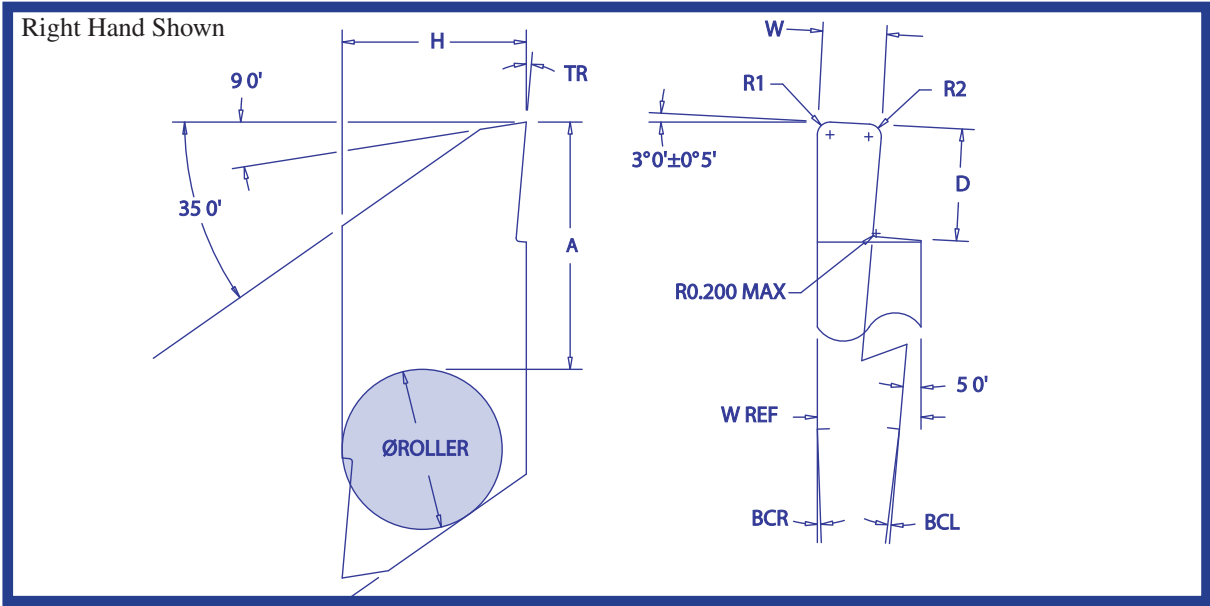


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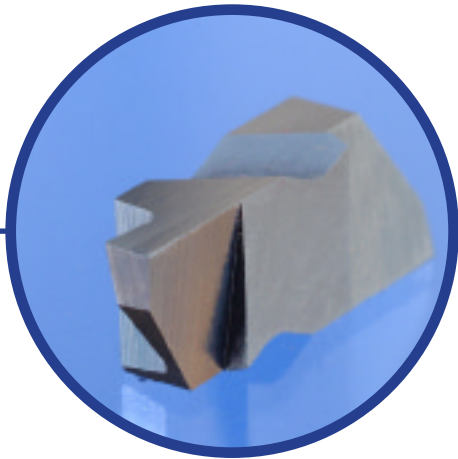
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Email: info@gilmourtools.co.uk



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

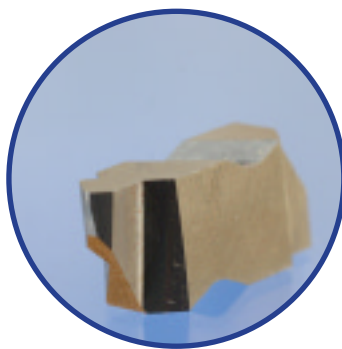


GT NOTCH SPECIALS

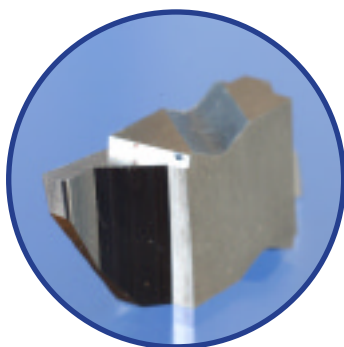
SELECTION OF EXAMPLES

TOOLHOLDERS
PAGES 32-33

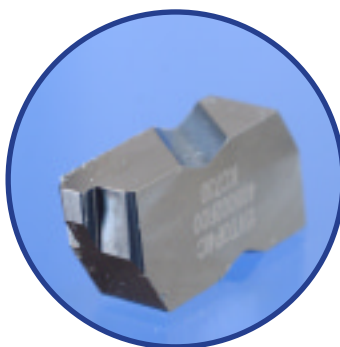
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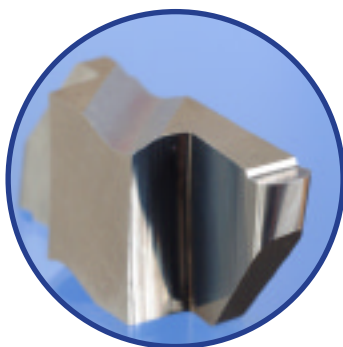
GT Notch 01



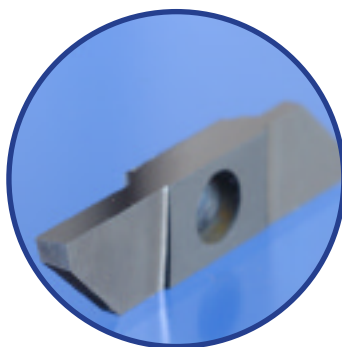
GT Notch 02



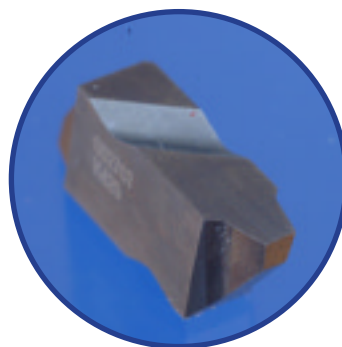
GT Notch 03



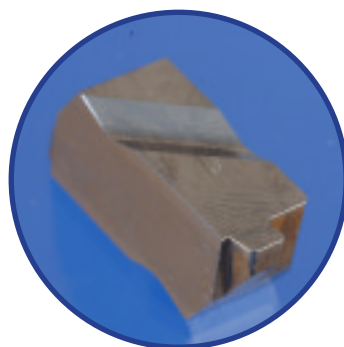
GT Notch 04



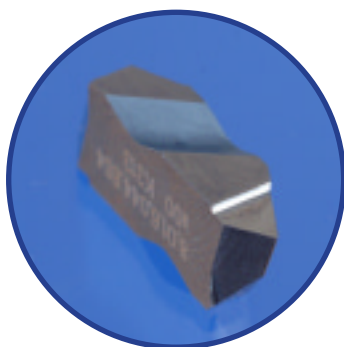
GT Notch 05



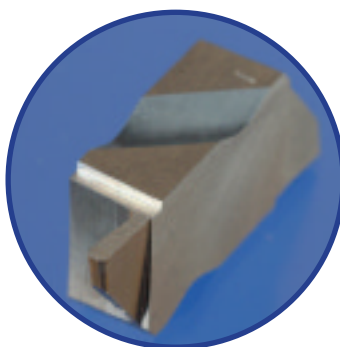
GT Notch 06



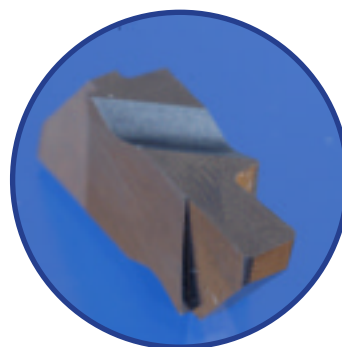
GT Notch 07



GT Notch 08



GT Notch 09



GT Notch 10

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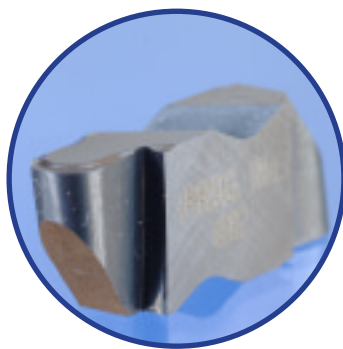
Email: info@gilmourtools.co.uk

GT NOTCH SPECIALS

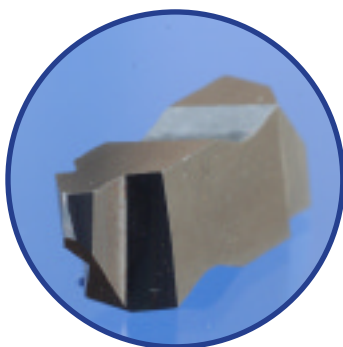
TOOLHOLDERS
PAGES 32-33

SELECTION OF EXAMPLES

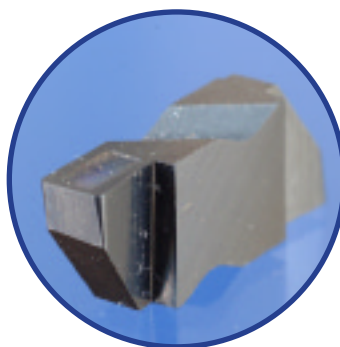
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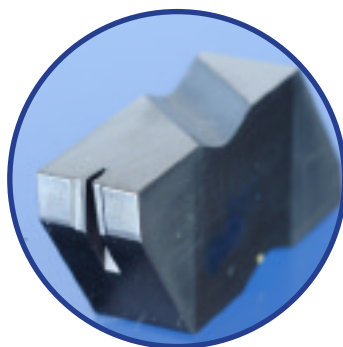
GT Notch 11



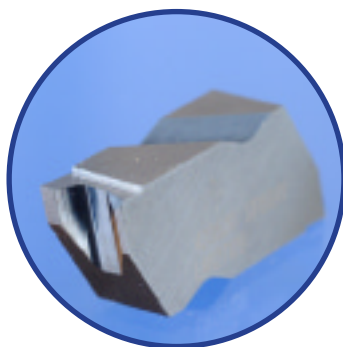
GT Notch 12



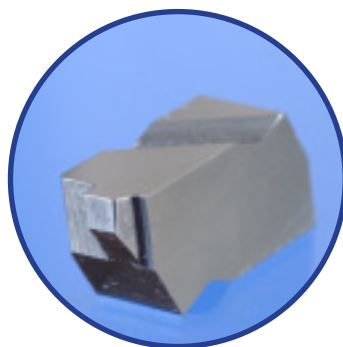
GT Notch 13



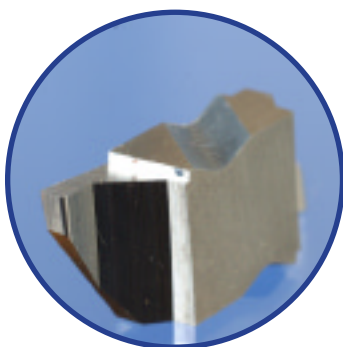
GT Notch 14



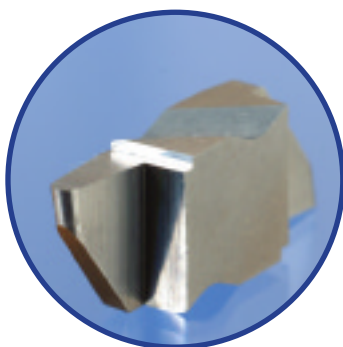
GT Notch 15



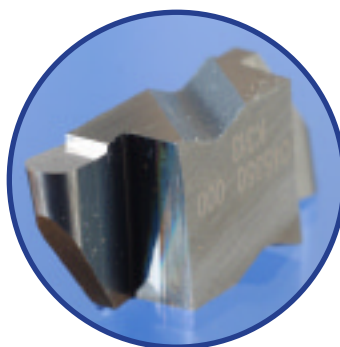
GT Notch 16



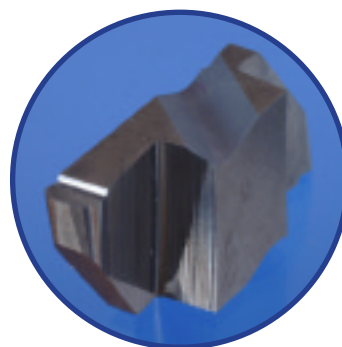
GT Notch 17



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

All Grades & Materials

All Sizes



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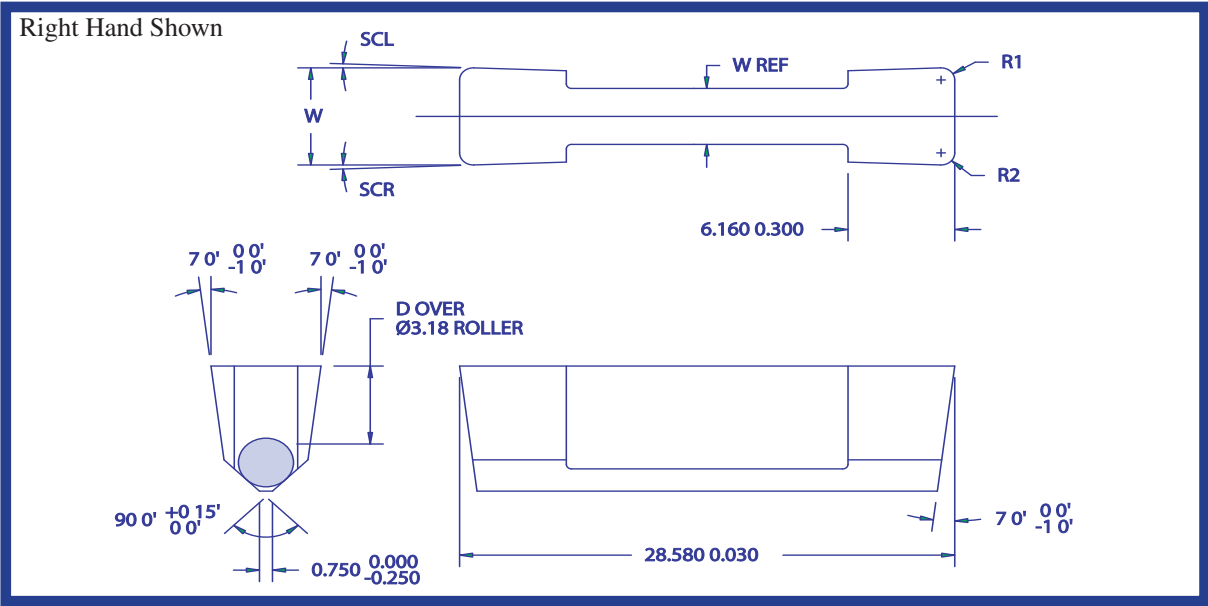
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VEE BASED INSERTS

DBV GROOVING INSERTS

TOOLHOLDERS
PAGES 34-35 & 42-49

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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

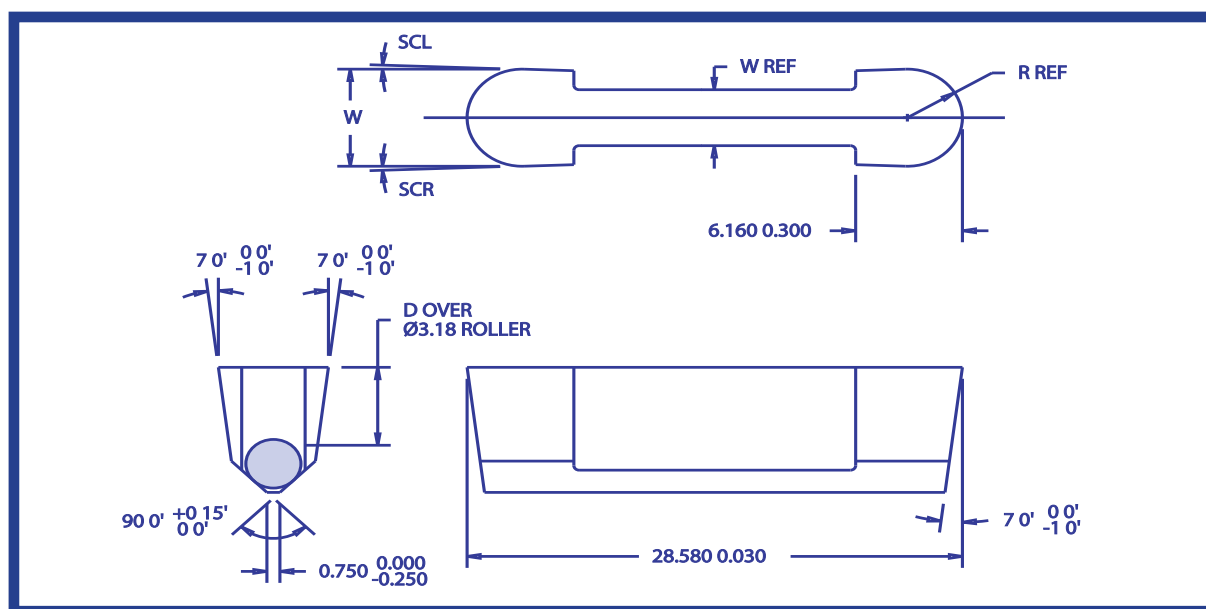
Standard widths shown. Widths & radii to suit customer requirements.



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.



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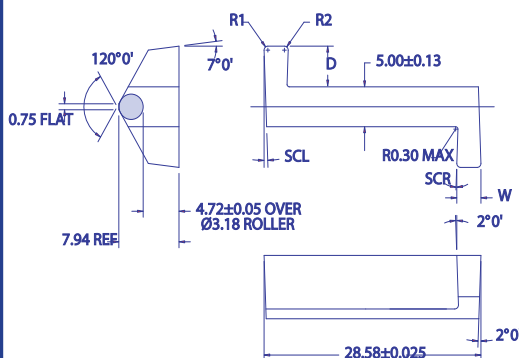
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VEE BASED INSERTS

TOOLHOLDERS
PAGES 34-35 & 42-49

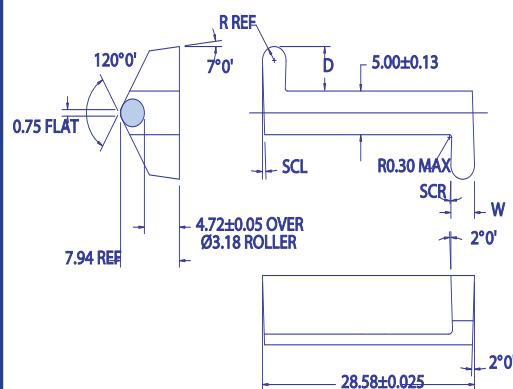
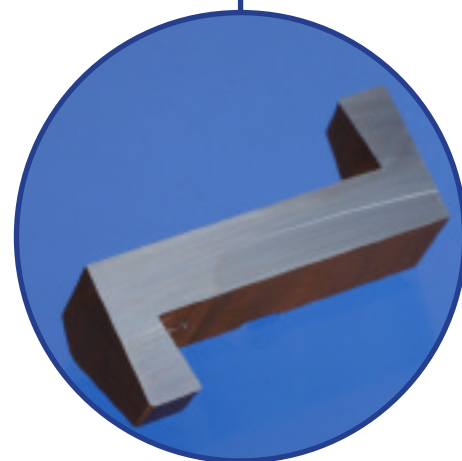
CRANKED - SQUARE, ROUNDED & SKEWED

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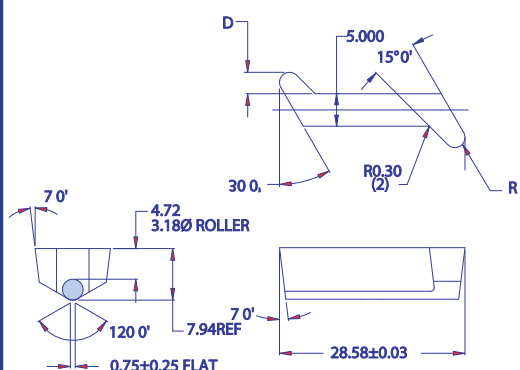
Photograph shows opposite hand

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



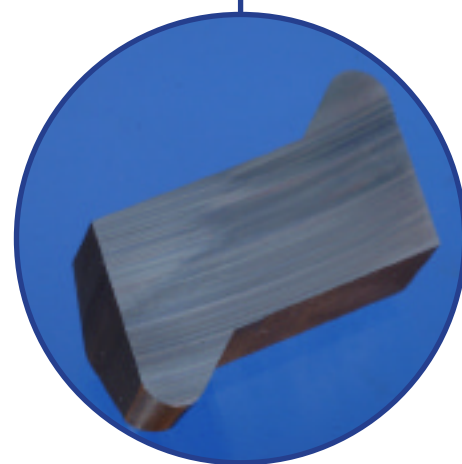
Photograph shows opposite hand

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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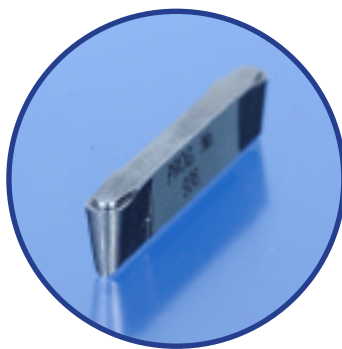
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VEE BASED SPECIALS

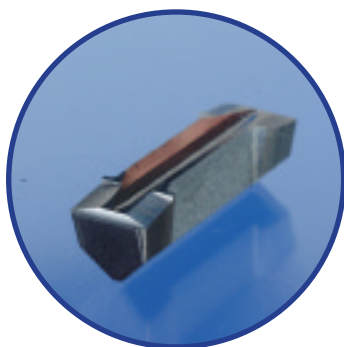
SELECTION OF EXAMPLES

TOOLHOLDERS
PAGES 34-35 & 42-49

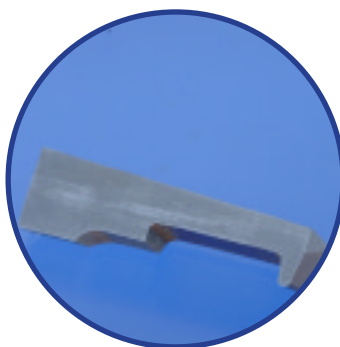
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Vee Based 01



Vee Based 02



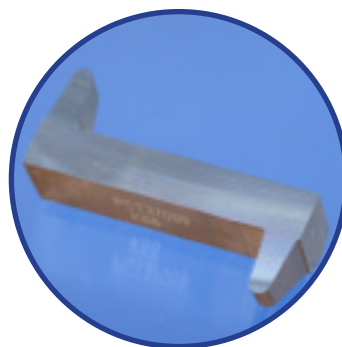
Vee Based 03



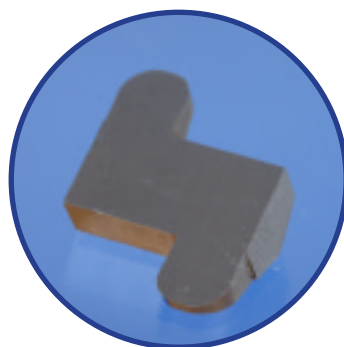
Vee Based 04



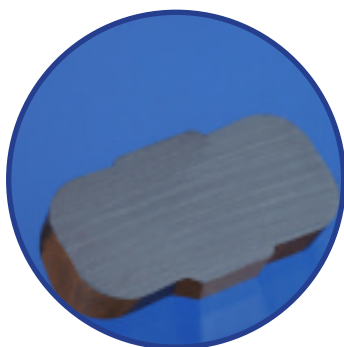
Vee Based 05



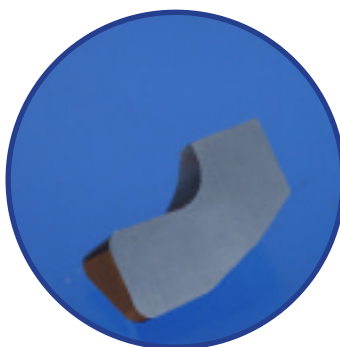
Vee Based 06



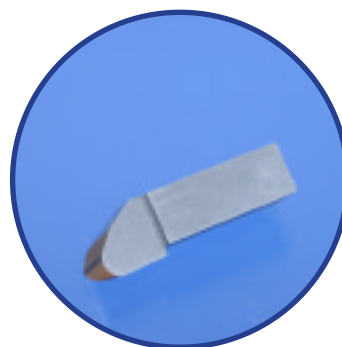
Vee Based 07



Vee Based 08



Vee Based 09



Vee Based 10

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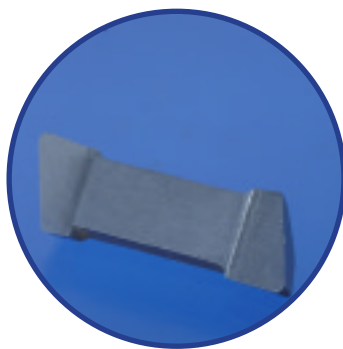
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VEE BASED SPECIALS

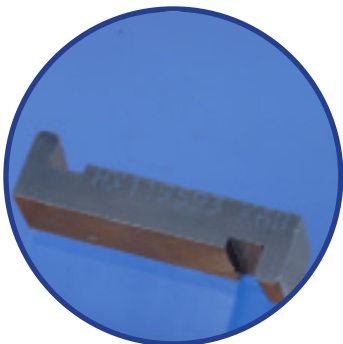
SELECTION OF EXAMPLES

TOOLHOLDERS
PAGES 34-35 & 42-49

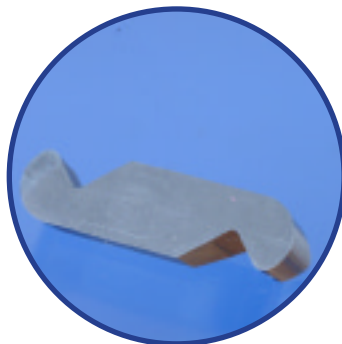
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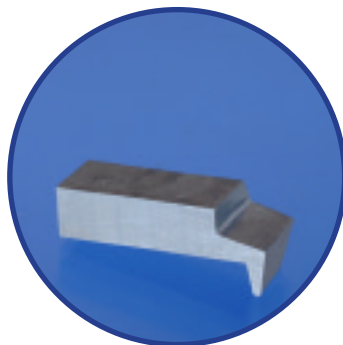
Vee Based 11



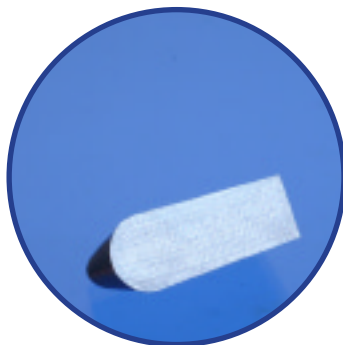
Vee Based 12



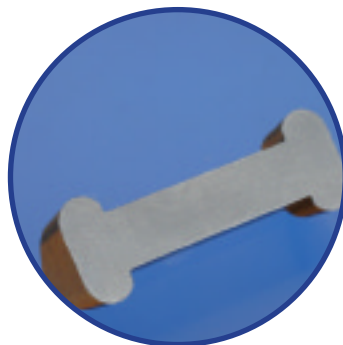
Vee Based 13



Vee Based 14



Vee Based 15



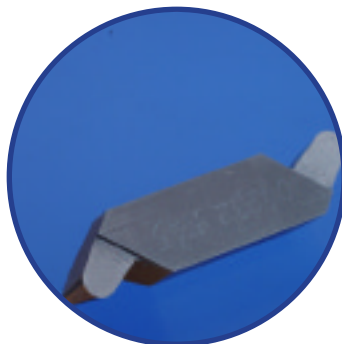
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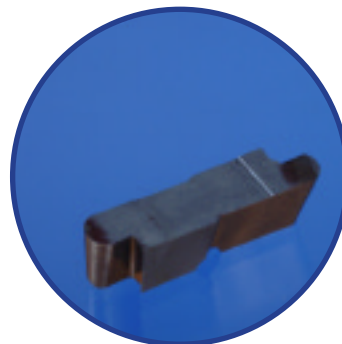
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Vee Based 18



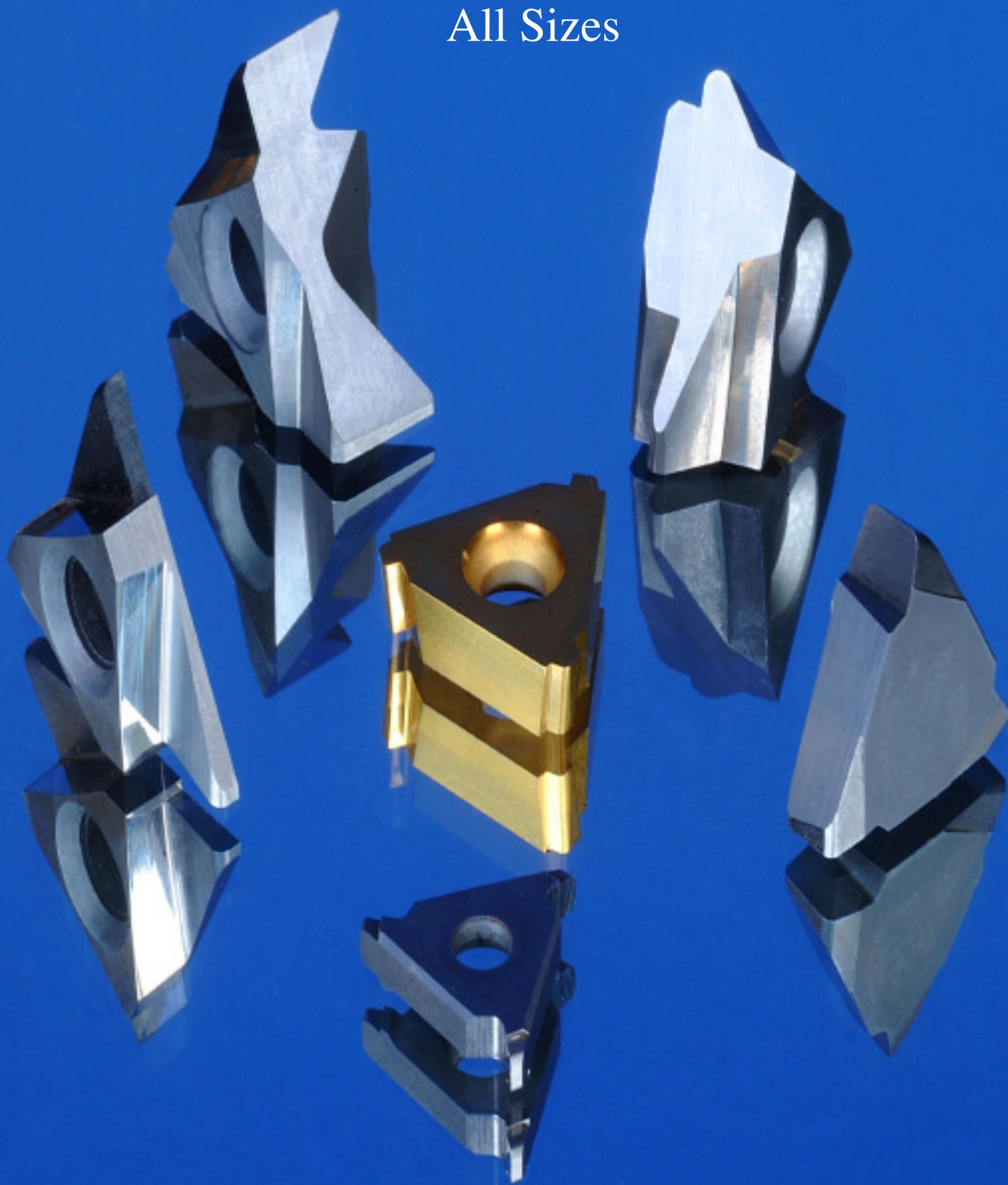
Vee Based 19



Vee Based 20

All Grades & Materials

All Sizes



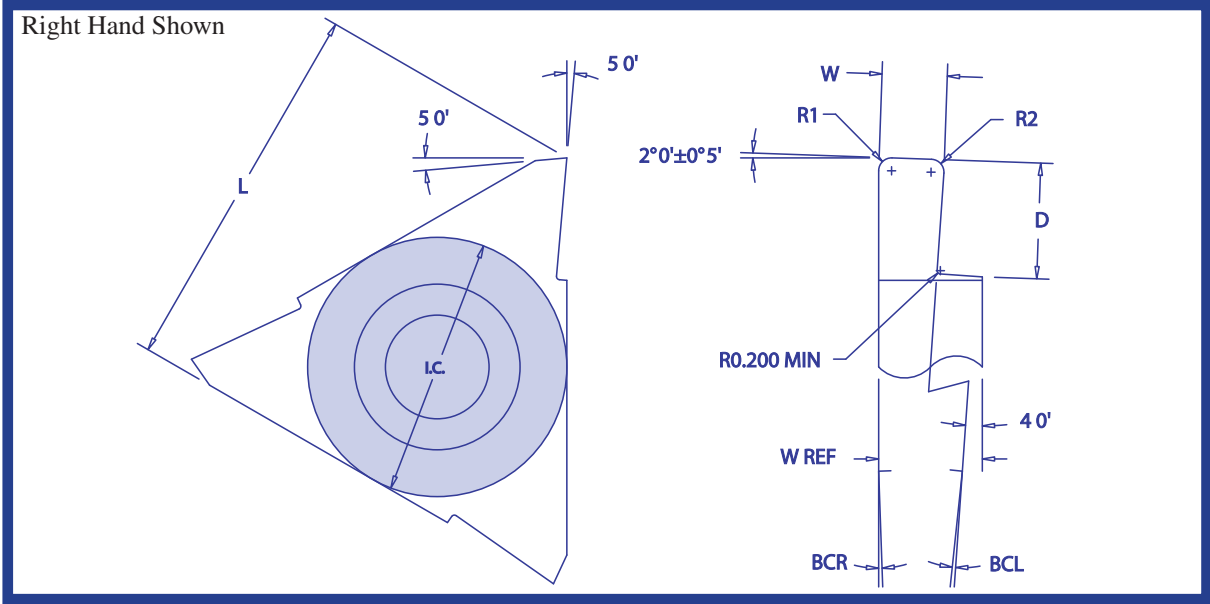
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TRIANGULAR INSERTS

GROOVING FNR - NEUTRAL & POSITIVE CUTTING

TOOLHOLDERS
PAGES 36-38 & 40-41

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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.

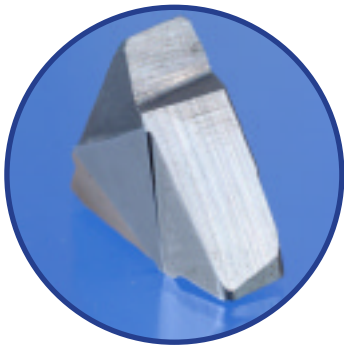


TRIANGULAR SPECIALS

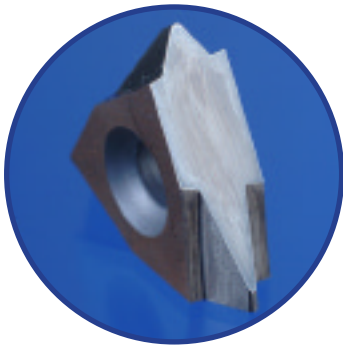
TOOLHOLDERS
PAGES 36-38 & 40-41

SELECTION OF EXAMPLES

THE COMPLETE CUTTING TOOLS MANUFACTURER



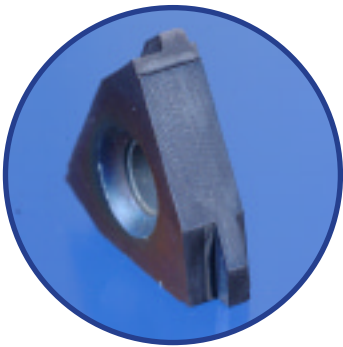
Triangle 01



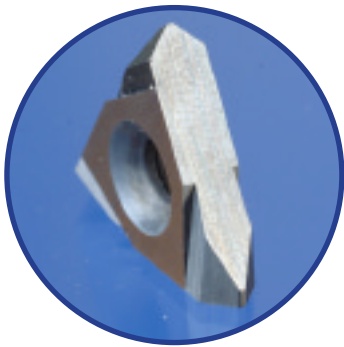
Triangle 02



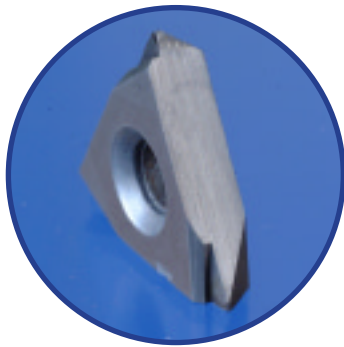
Triangle 03



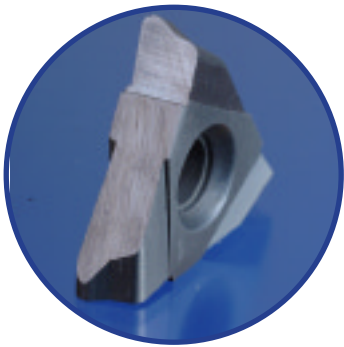
Triangle 04



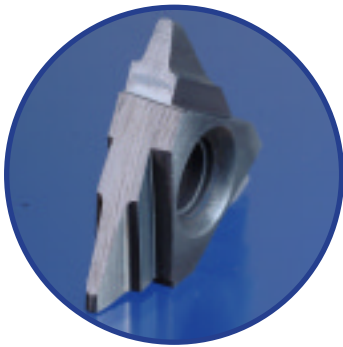
Triangle 05



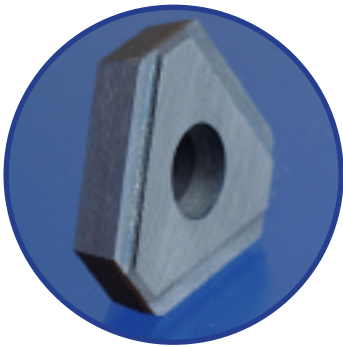
Triangle 06



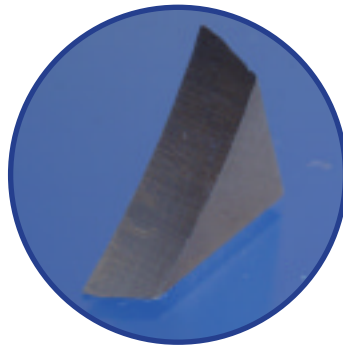
Triangle 07



Triangle 08



Triangle 09



Triangle 10

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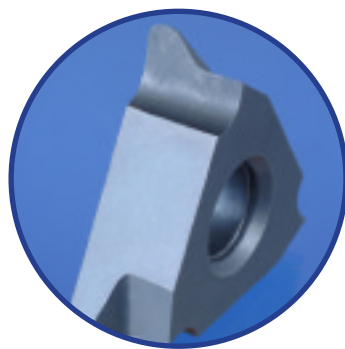
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Email: info@gilmourtools.co.uk

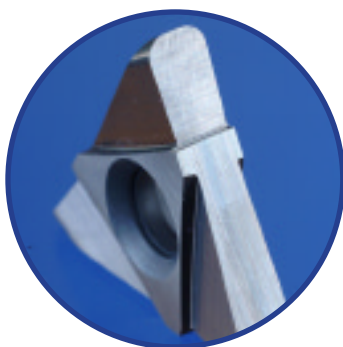
TRIANGULAR SPECIALS

TOOLHOLDERS
PAGES 36-38 & 40-41

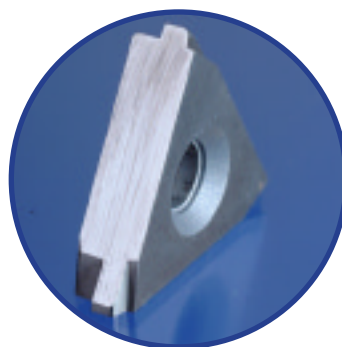
SELECTION OF EXAMPLES



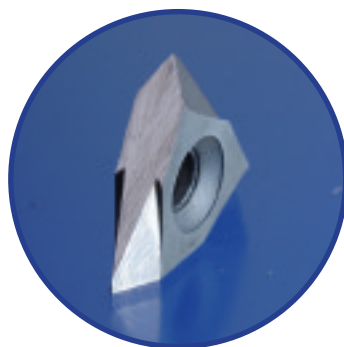
Triangle 11



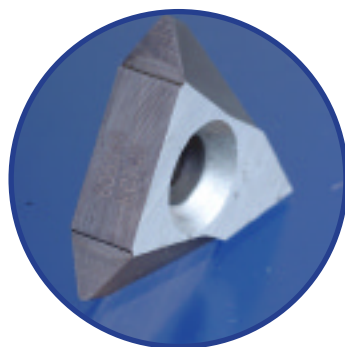
Triangle 12



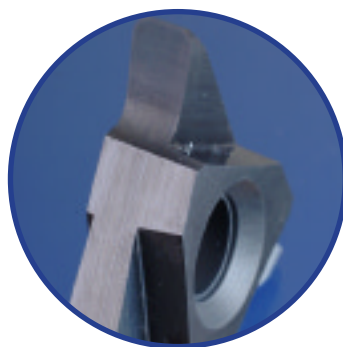
Triangle 13



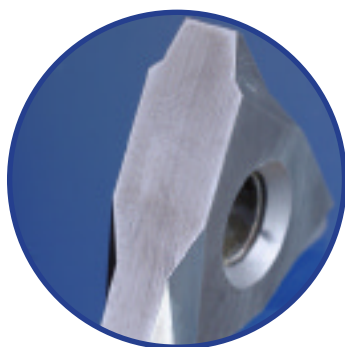
Triangle 14



Triangle 15



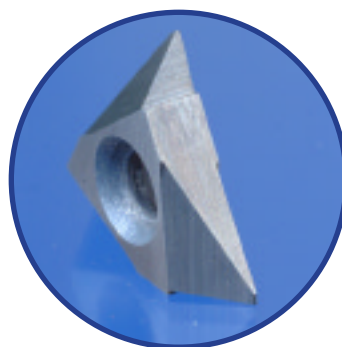
Triangle 16



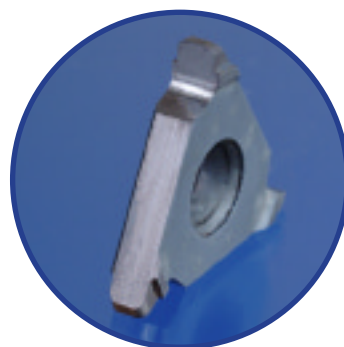
Triangle 17



Triangle 18



Triangle 19



Triangle 20

YOUR SPECIAL COULD BE OUR STANDARD

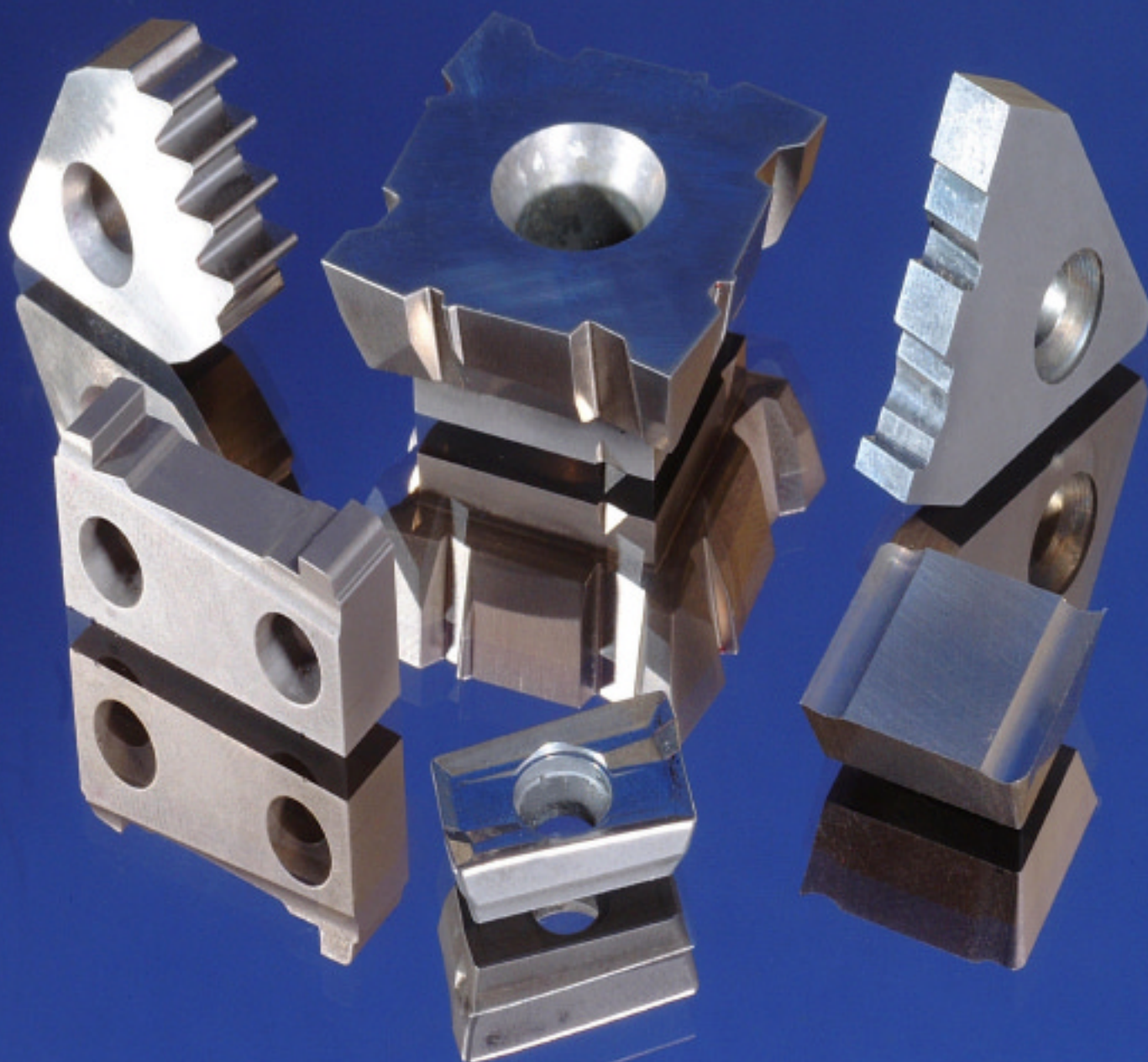
SPECIAL INSERTS

SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

All Grades & Materials

All Sizes



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SPECIAL INSERTS

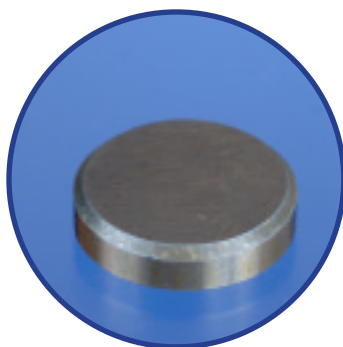
SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

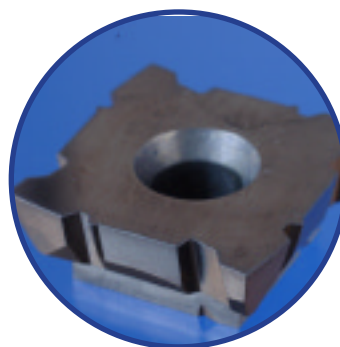
YOUR SPECIAL COULD BE OUR STANDARD



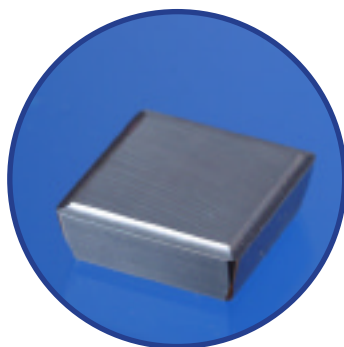
Special 01



Special 02



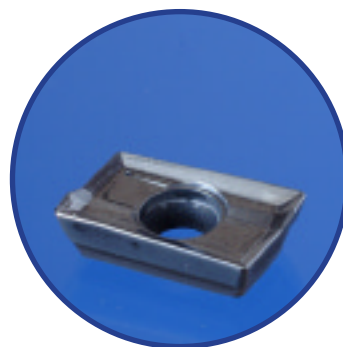
Special 03



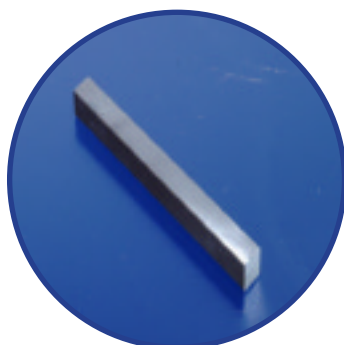
Special 04

If you can think
of a tool . . .
. . we can make it.

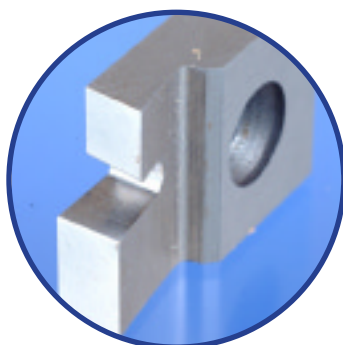
CALL US NOW



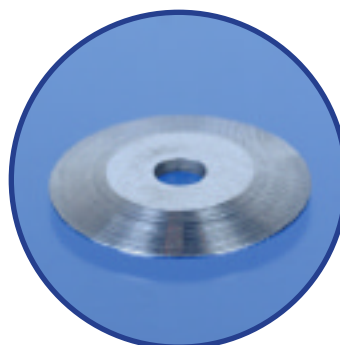
Special 06



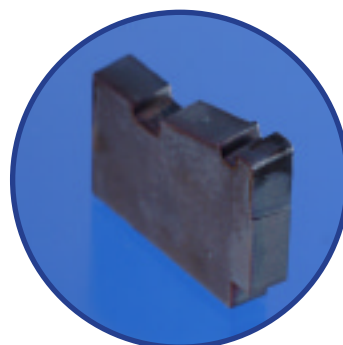
Special 07



Special 08



Special 09



Special 10

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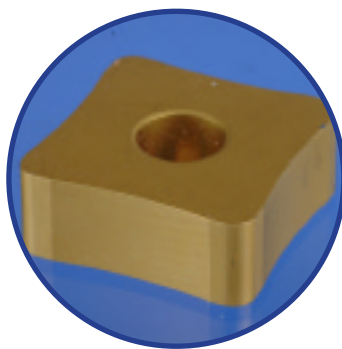
Email: info@gilmourtools.co.uk

SPECIAL INSERTS

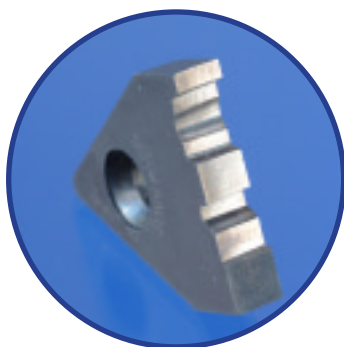
SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

THE COMPLETE CUTTING TOOLS MANUFACTURER



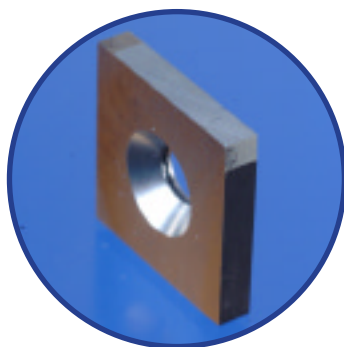
Special 11



Special 12



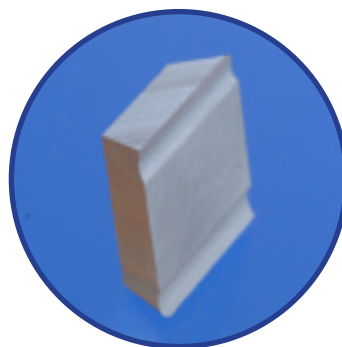
Special 13



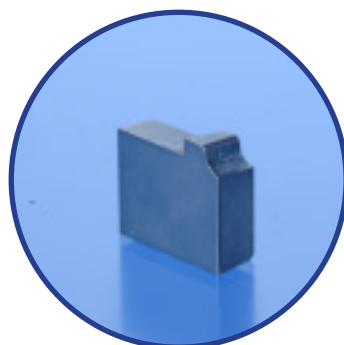
Special 14



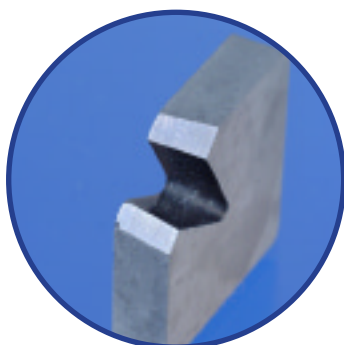
SEND DRAWINGS



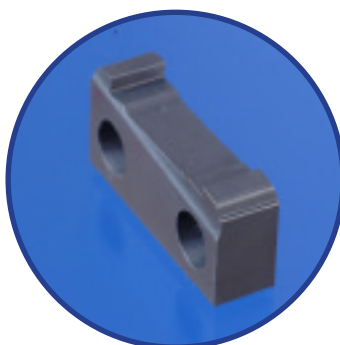
Special 16



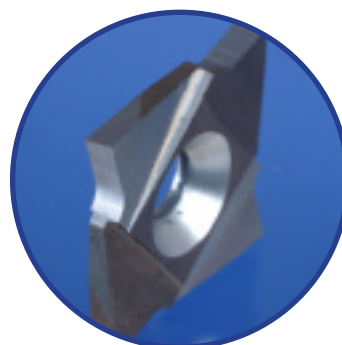
Special 17



Special 18



Special 19



Special 20

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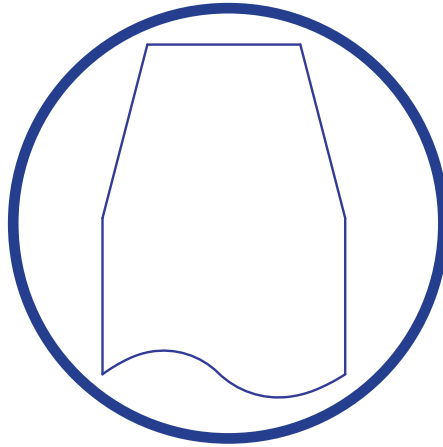
Email: info@gilmourtools.co.uk

THREAD FORMS

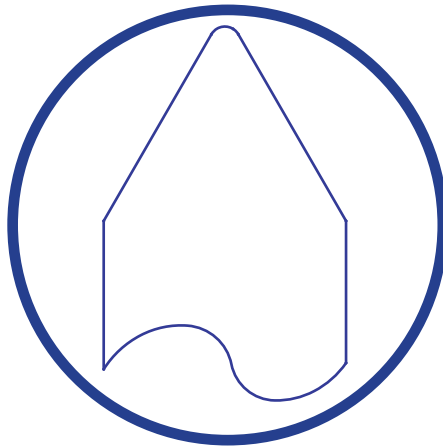
TOOLHOLDERS
PAGES 40-41 & REQUEST

OUTLINE FORMS SELECTION

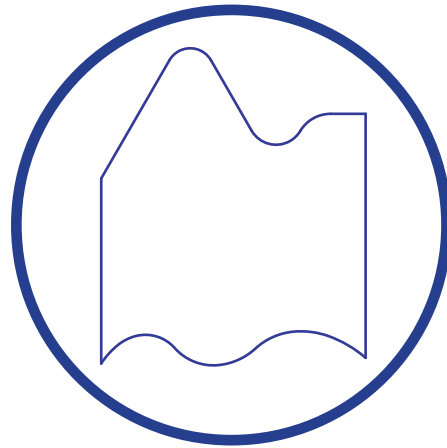
YOUR SPECIAL COULD BE OUR STANDARD



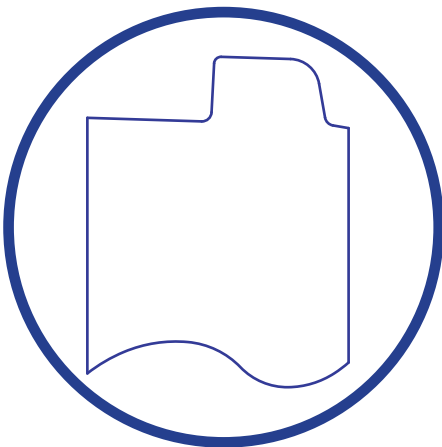
ACME / Stub ACME



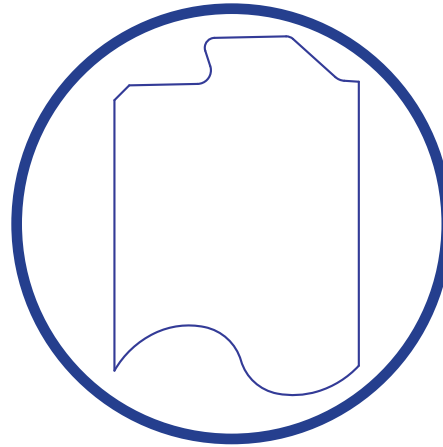
Vee Thread



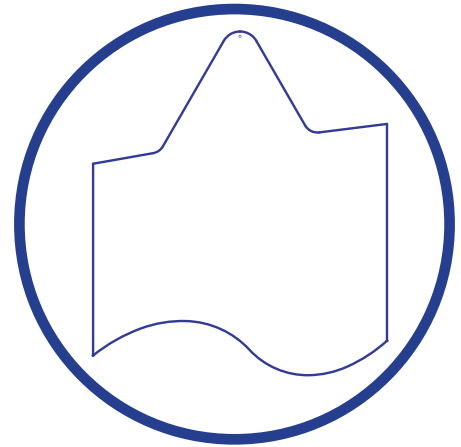
Round Thread



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

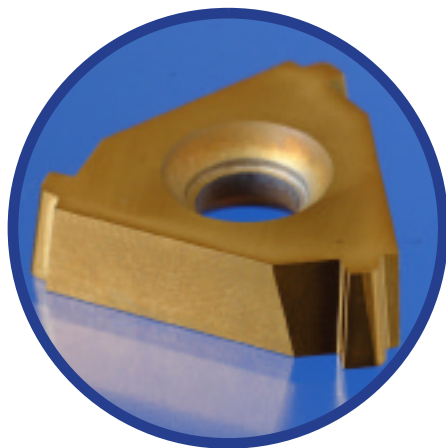
TOOLHOLDERS
PAGES 40-41 & REQUEST

Gilmor Tools can make thread forms on all shapes of inserts.

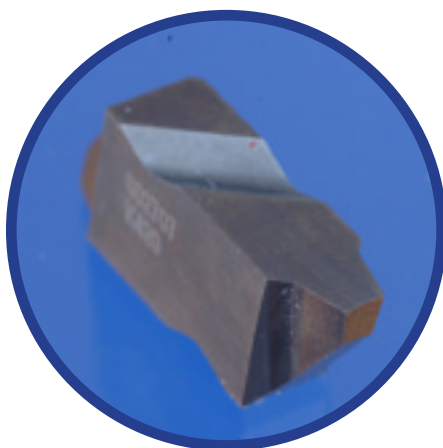
We can also coat and edge round to customer specification.

Please contact us for further information.

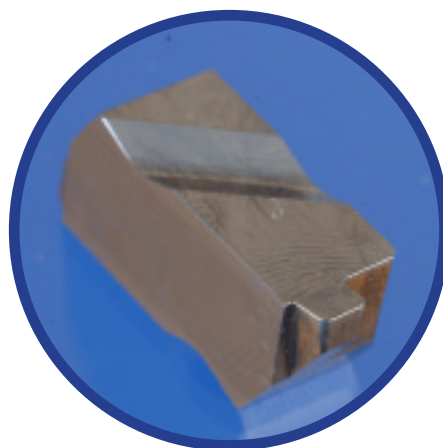
A selection of our threading inserts are below.



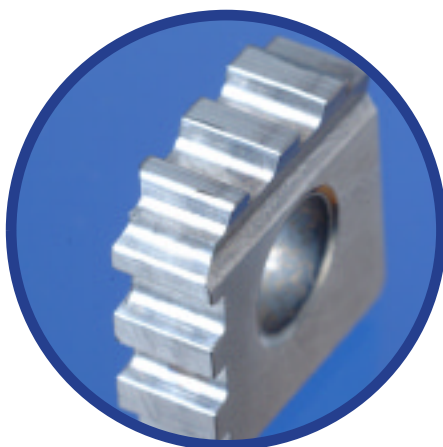
Thread 01



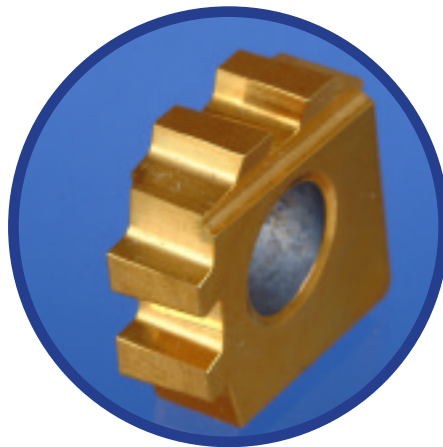
Thread 02



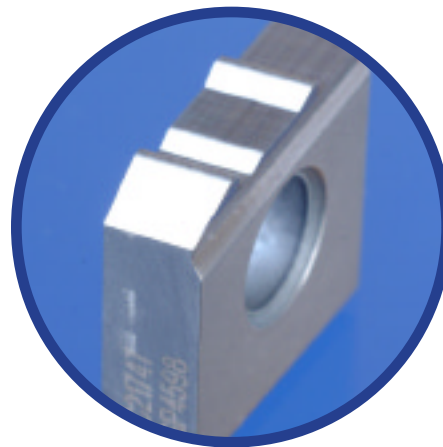
Thread 03



Thread 04



Thread 05



Thread 06

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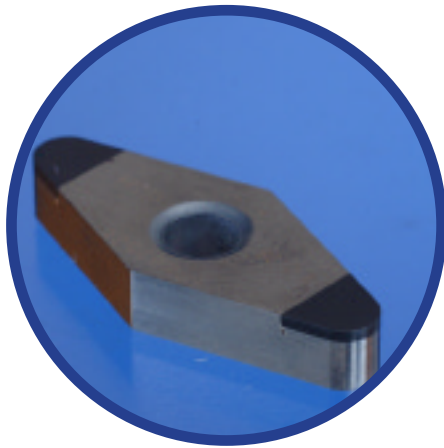
PCD, PCBN & CBN Tipped Inserts

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

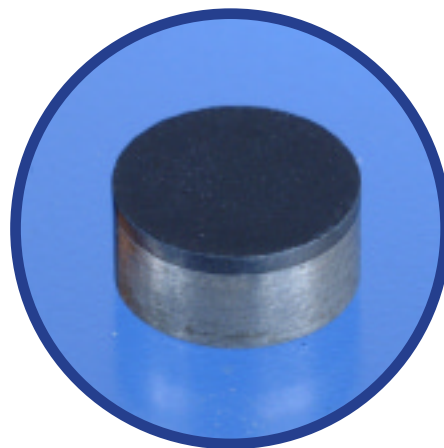
We can carry out this procedure using our fully automated Ewag machines with erosion and complete grind in the one clamping for high speed and high accuracy.

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

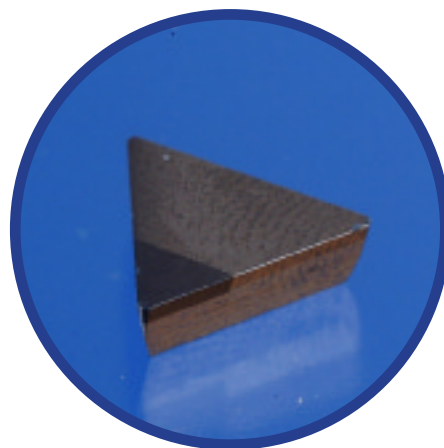
Below is a small sample of our tipped tools.



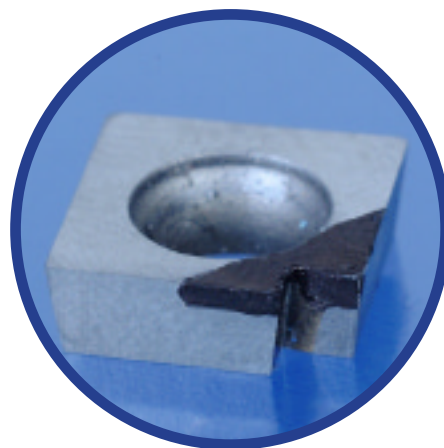
T 01



T 02



T 03



T 04

ROTARY CUTTERS

SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

All Grades & Materials

All Sizes



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ROTARY CUTTERS

TOOLHOLDERS
ON REQUEST

SELECTION OF EXAMPLES

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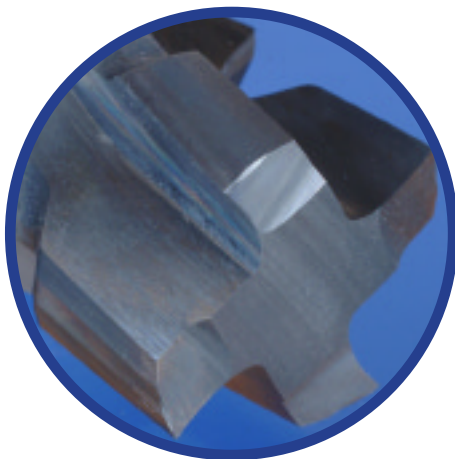
We can manufacture all forms of rotary cutters complete from the solid.

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

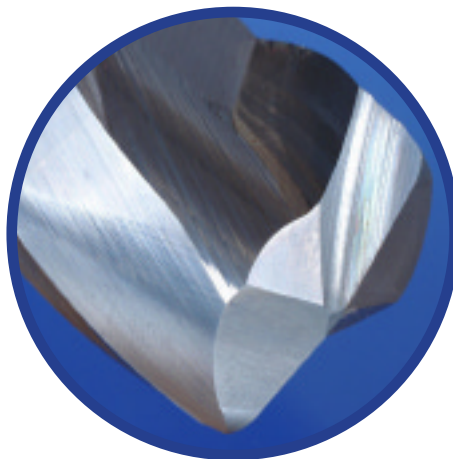
As well as making rotary cutters in all materials we can also diamond tip any cutter.

From one of to batch work, regrinding or refurbishment we can make the complete cutting tool solution.

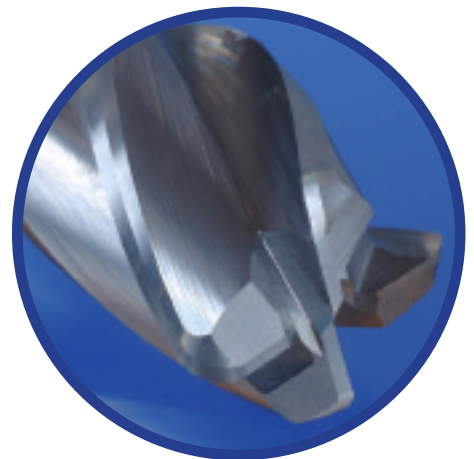
A sample selection of tools is pictured below and opposite.



Rotary 01



Rotary 02



Rotary 03

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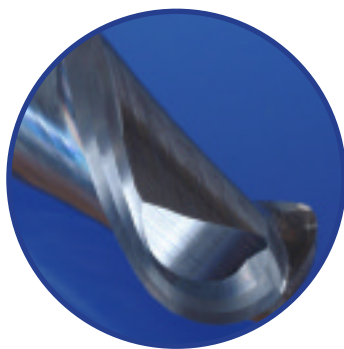
Email: info@gilmourtools.co.uk

ROTARY CUTTERS

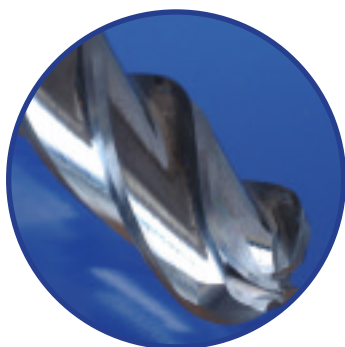
SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

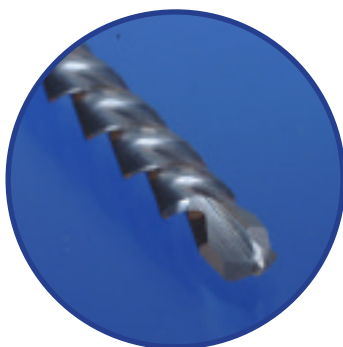
THE COMPLETE CUTTING TOOLS MANUFACTURER



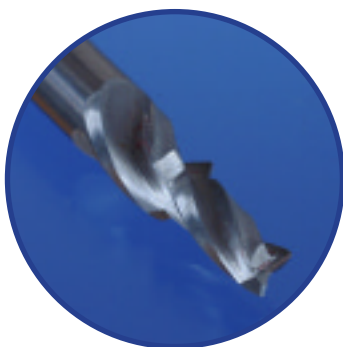
Rotary 04



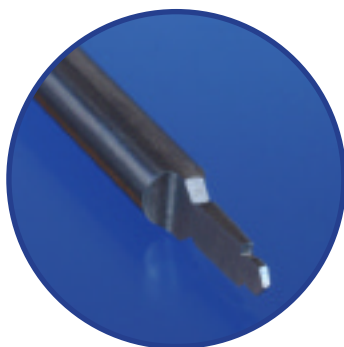
Rotary 05



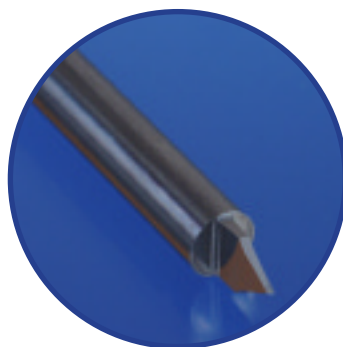
Rotary 06



Rotary 07



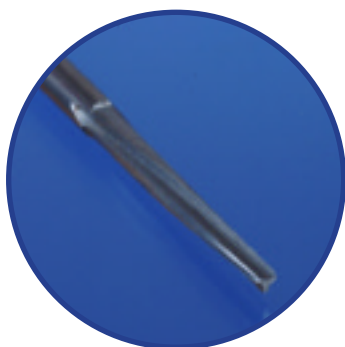
Rotary 08



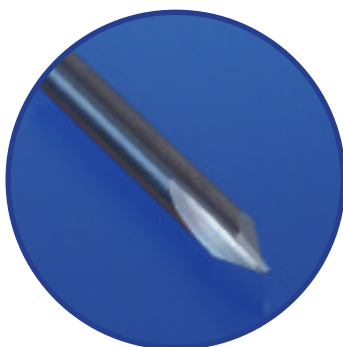
Rotary 09



Rotary 07



Rotary 07



Rotary 07



Rotary 07

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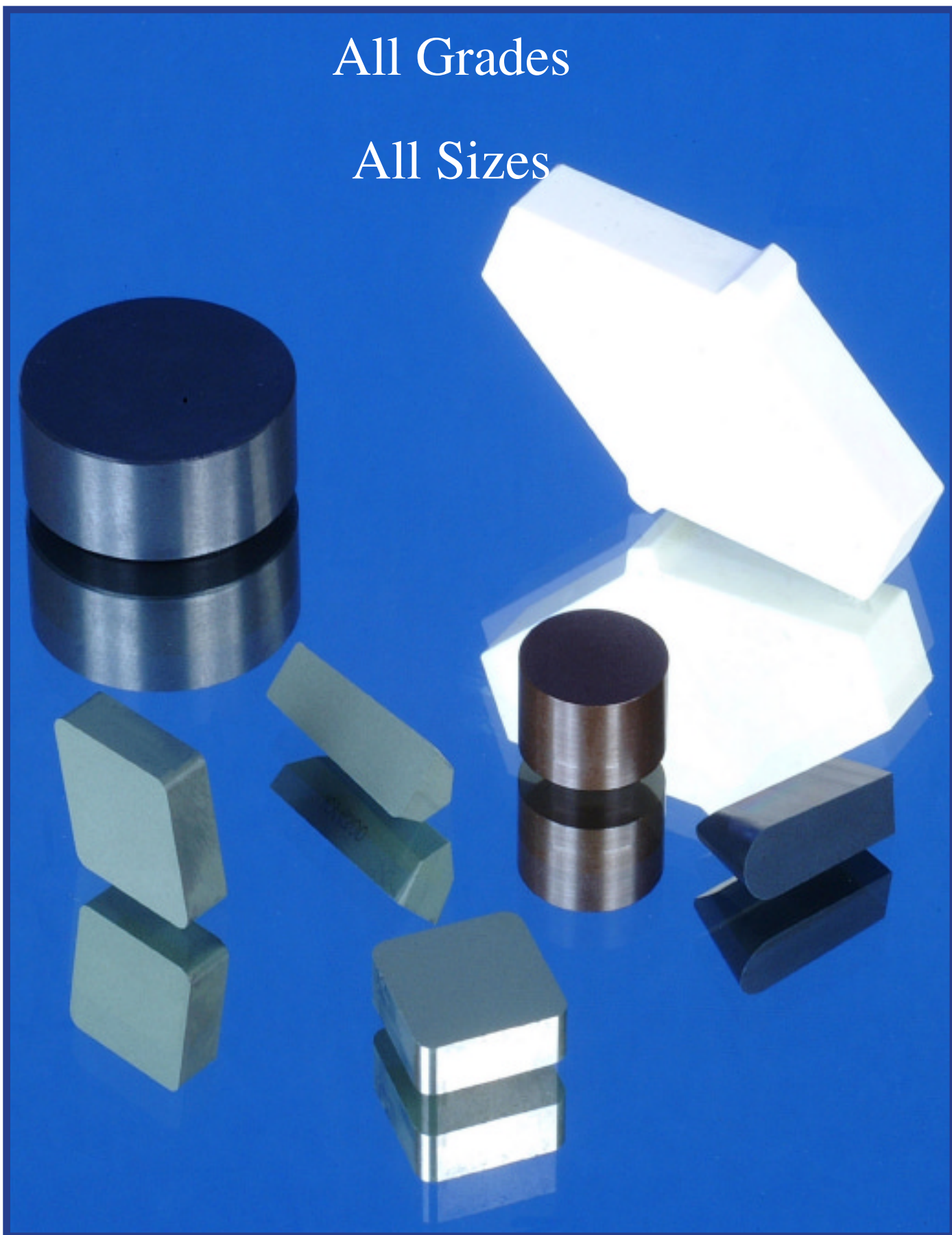
CERAMIC INSERTS

STANDARD & RE-CYCLED

TOOLHOLDERS
ON REQUEST

All Grades

All Sizes



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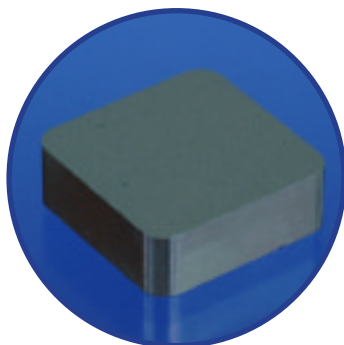
Email: info@gilmourtools.co.uk

CERAMIC INSERTS

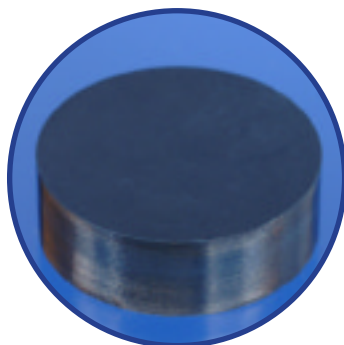
STANDARD INSERTS & RECYCLING

TOOLHOLDERS
ON REQUEST

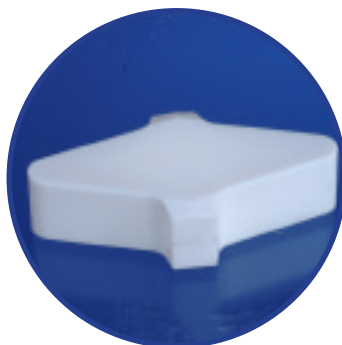
We manufacture all standard ceramic products in all grades.
“Please advise us of your requirements”



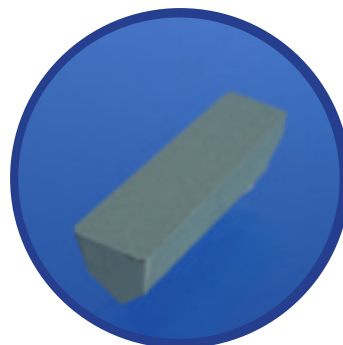
Ceramic 01



Ceramic 02



Ceramic 03



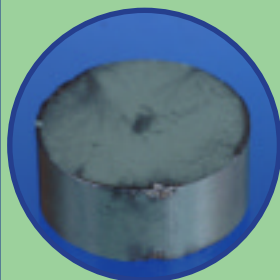
Ceramic 04

Recycling

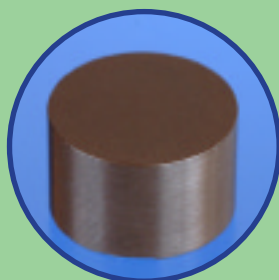
As an addition to the above we can offer a full refurbishment/re-grind service on all ceramic blanks which makes a considerable saving on new cost.

Below are some examples of scrap parts that have been re-worked.

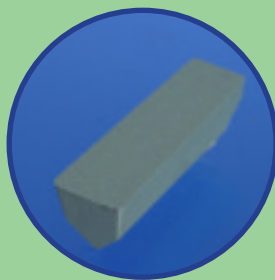
Refurbishment to New Tool



190700



120700

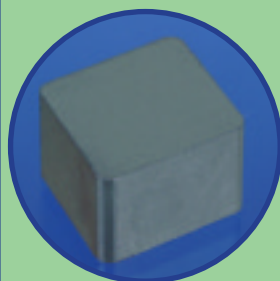


Veebased Insert

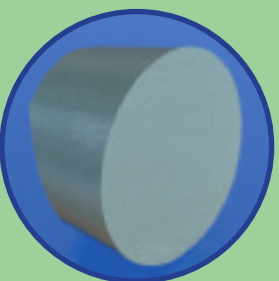
For example we can take a scrap 190700 insert and then make in to a completely new 120700 or Veebased insert with a substantial saving on the new cost. This can be applied to all scrap.

Possible Savings - 50%

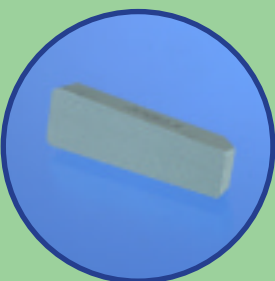
Top & Bottom Grind



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.

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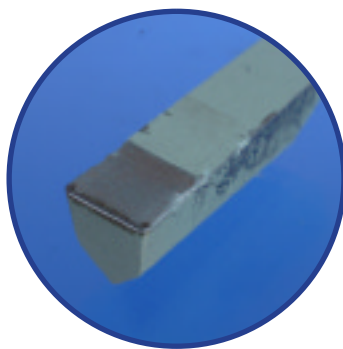
Email: info@gilmourtools.co.uk

CERAMIC SPECIALS

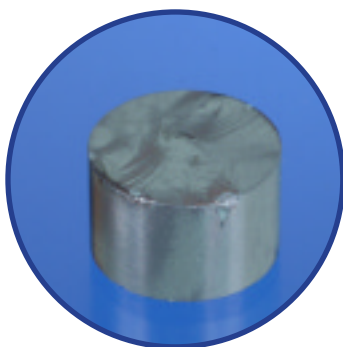
SELECTION OF EXAMPLES

TOOLHOLDERS
ON REQUEST

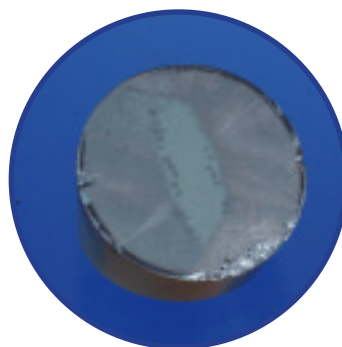
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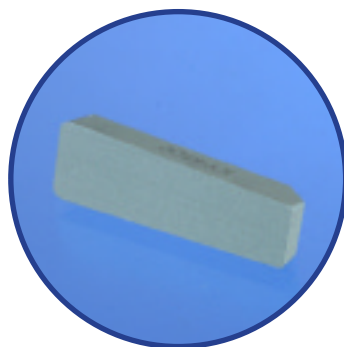
Ceramic Scrap 01



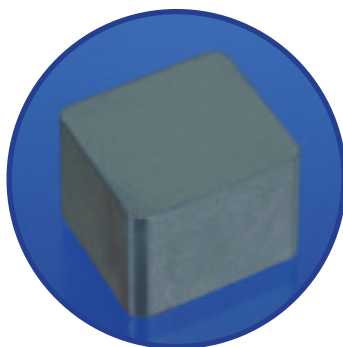
Ceramic Scrap 02



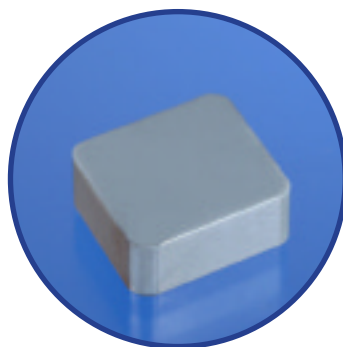
Ceramic Scrap 03



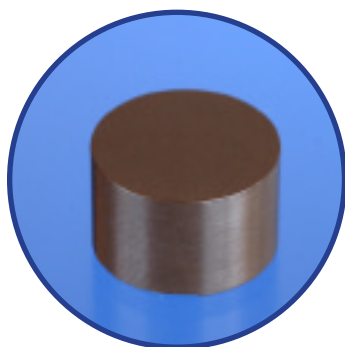
Ceramic Refurbished 01



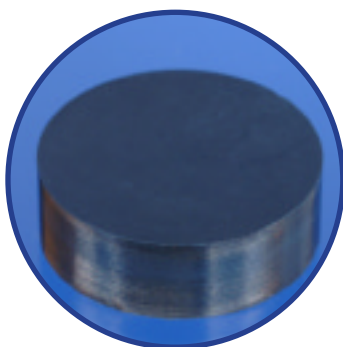
Ceramic Refurbished 02



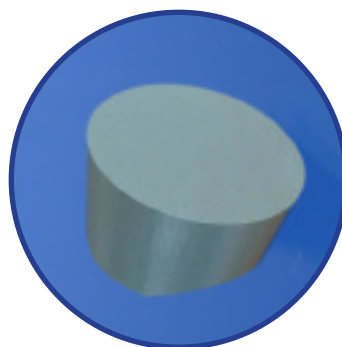
Ceramic Refurbished 03



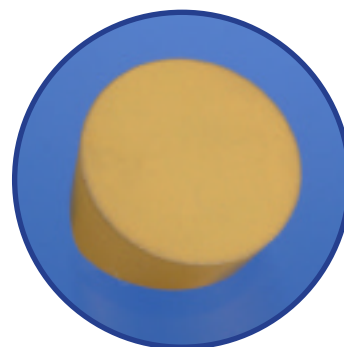
Ceramic New 01



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

All Grades & Materials

All Sizes



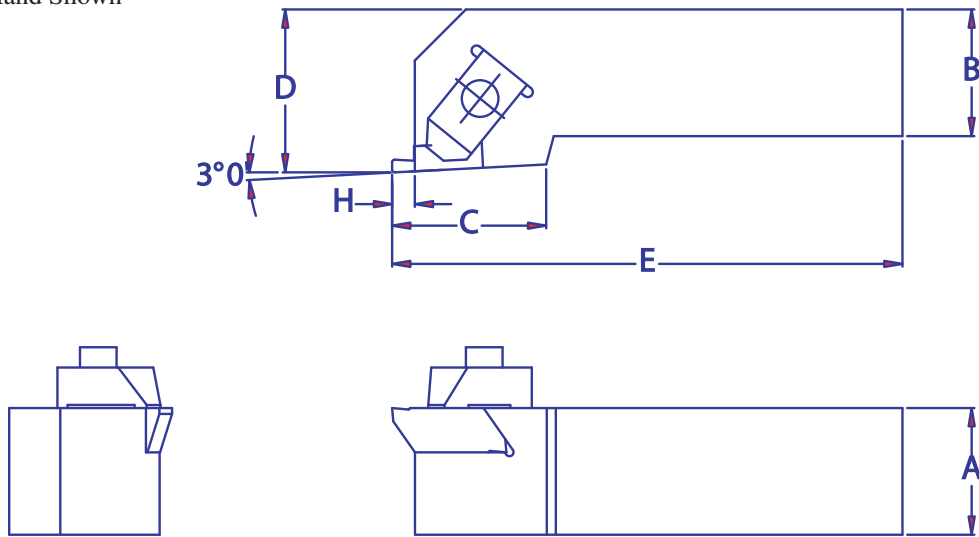
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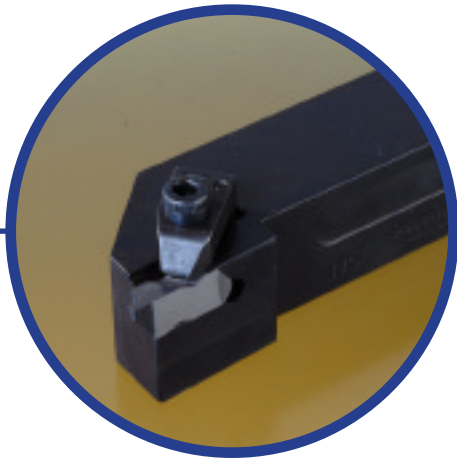
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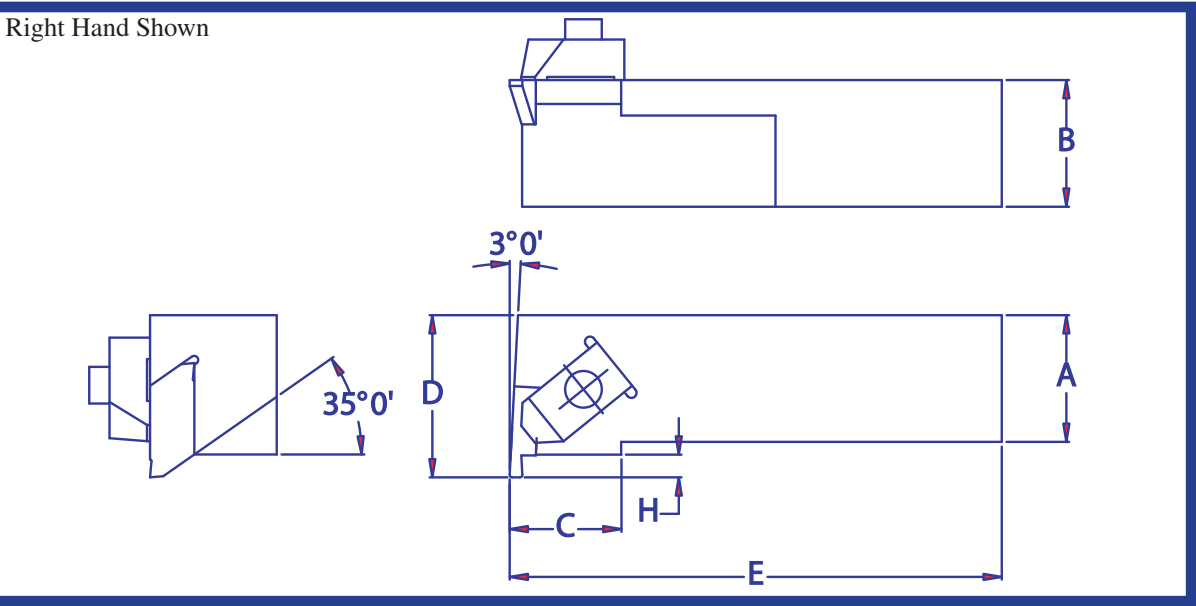
Right Hand Shown



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

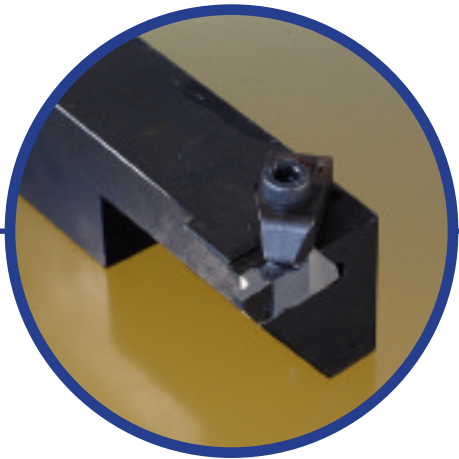
Right hand holder uses right hand inserts & clamps.
Left hand holder uses left hand inserts & clamps.

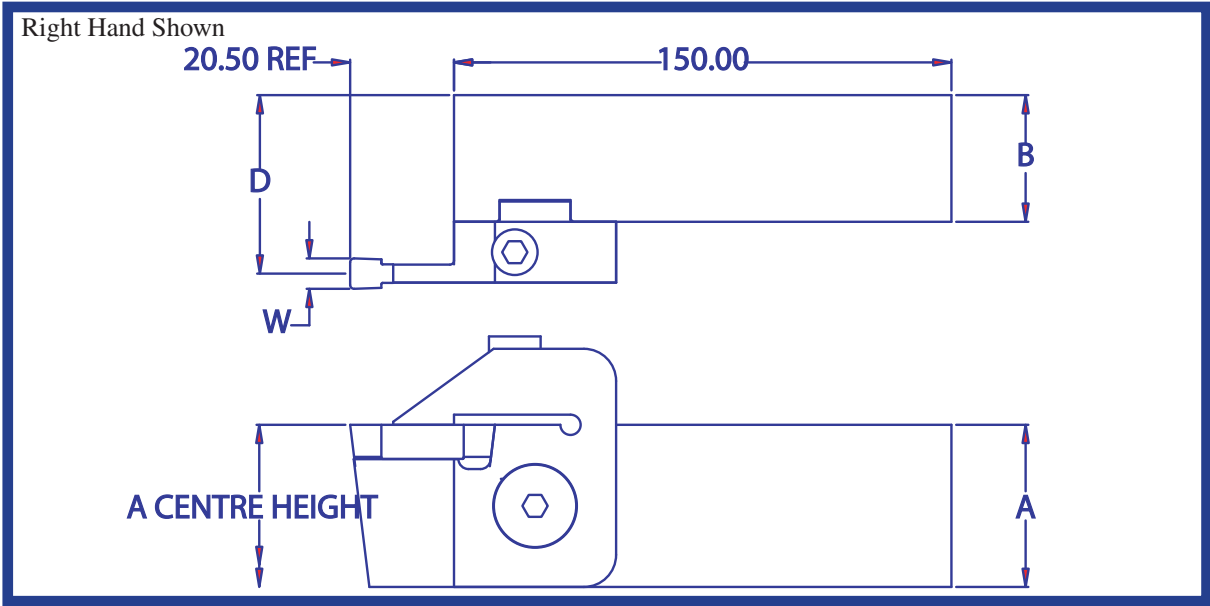




Holder Order Reference	A	B	C	D	E	H	RH CLAMP	LH CLAMP	Insert
GNS 2525-2R/L	25	25	15	32	127	3.18	CM74	CM75	GNN/P-2
GNS 2525-3R/L	25	25	22	32	150	4.57	CM72	CM73	GNN/P-3
GNS 3225-3R/L	25	32	22	32	150	4.57	CM72	CM73	GNN/P-3
GNS 2525-4R/L	25	25	24	35	150	7.11	CM72	CM73	GNN/P-4
GNS 3225-4R/L	25	32	35	32	150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

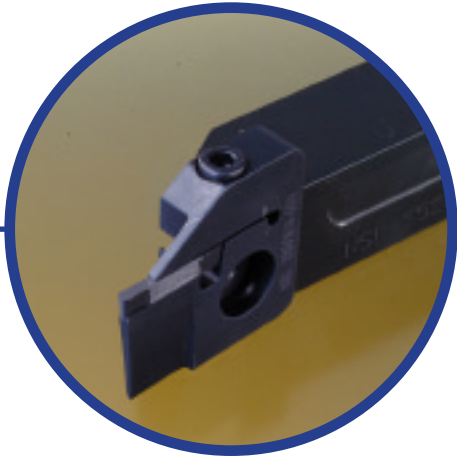
Right hand holder uses left hand inserts & clamps.
Left hand holder uses right hand inserts & clamps.



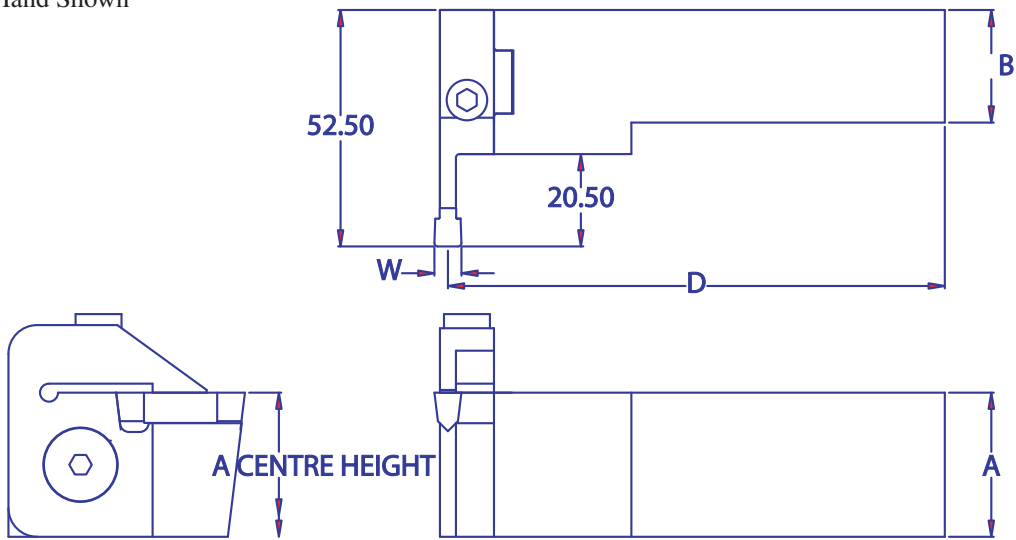


Insert		Dimensions				Blade & Clamp
W (min)	W (max)	A	B	C	D	Order Reference
.125	.156	25	25	40	35.60	SBC 125/126
(3.18)	(397)	32	25	47	35.60	R/L
.157	.218	25	25	40	35.20	SBC 125/126
(3.98)	(5.56)	32	25	47	35.20	R/L
.219	.250	25	25	40	35.20	SBC 125/126
(5.57)	(6.35)	32	25	47	35.20	R/L
.251	.312	25	25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

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.

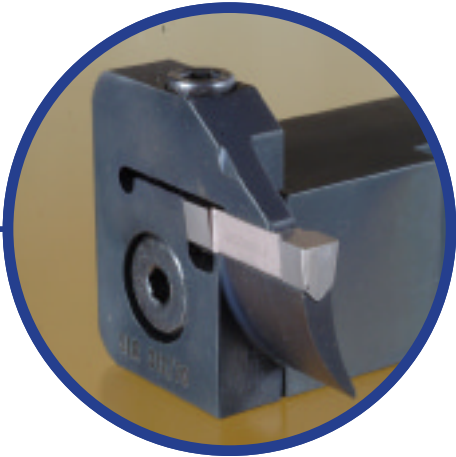


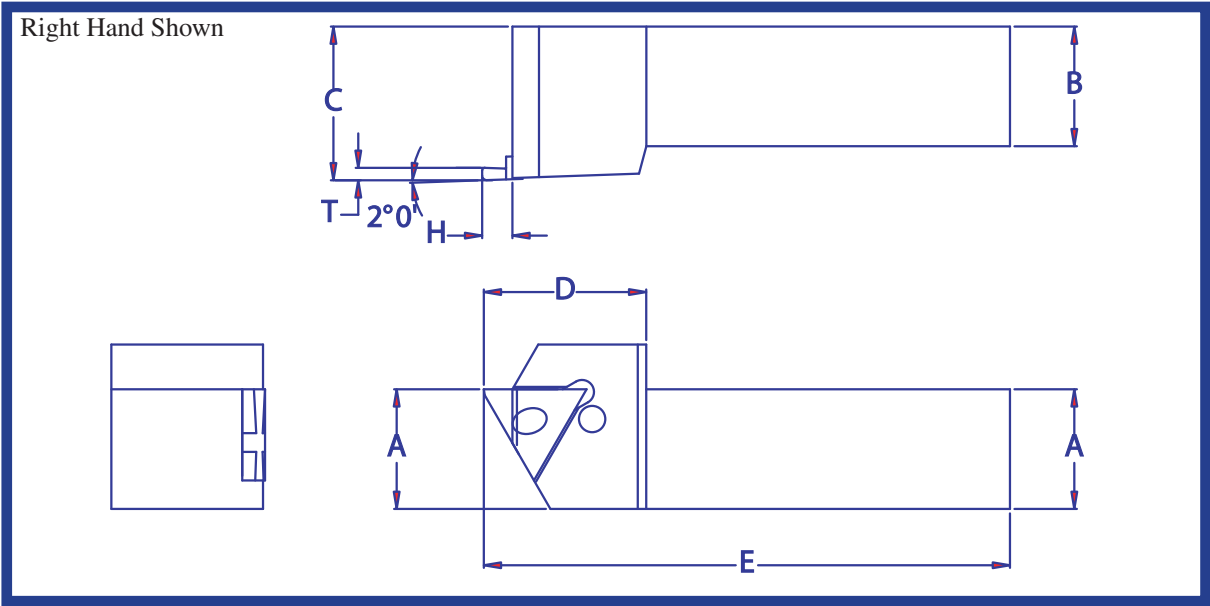
Right Hand Shown



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

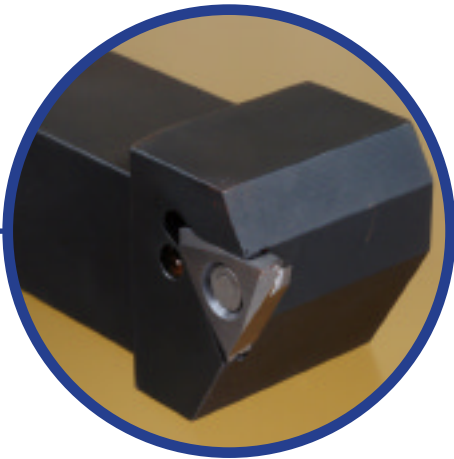
1. Standard 010xM8x16LG Shoulder screw for support blade. 2. Clamp screw STC-11 3. Support blade can be used with either 2525 or 3225 shanks. 4. Blade & clamp are supplied as one unit - set up DIM = D+1/2 insert width. 5. For RH toolholder use LH blade & clamp: LH toolholder, RH blade & clamp.

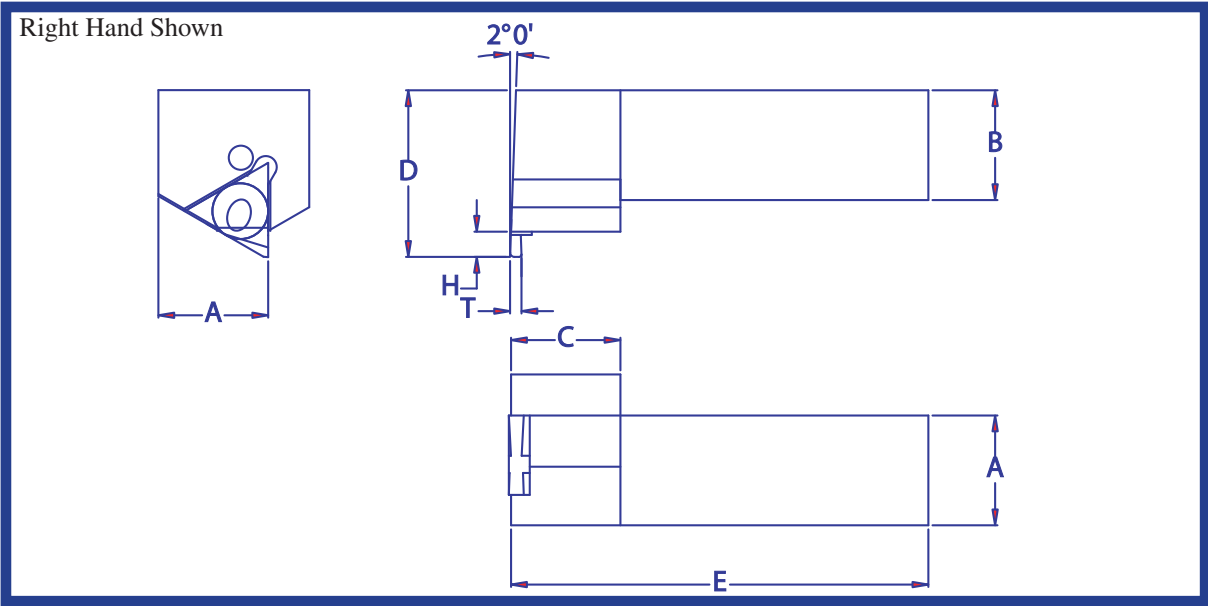




Holder Order Reference	A	B	C	D	E	H	T	Insert Reference
STVO R/L 2525-4	25	25	32	32.0	150	5.0	4.76	TNMC 43-NG
STVO R/L 3225 -4	32	25	32	32.0	170			R/L-2°
STVO R/L 2525-5	25	25	32	33.8	150	7.0	6.35	TNMC 54-NG
STVO R/L 3225-5	32	25	32	33.8	170			R/L-2°
STVO R/L 3225-64	32	25	38	41.0	150	9.6	9.52	TNMC 64-NG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

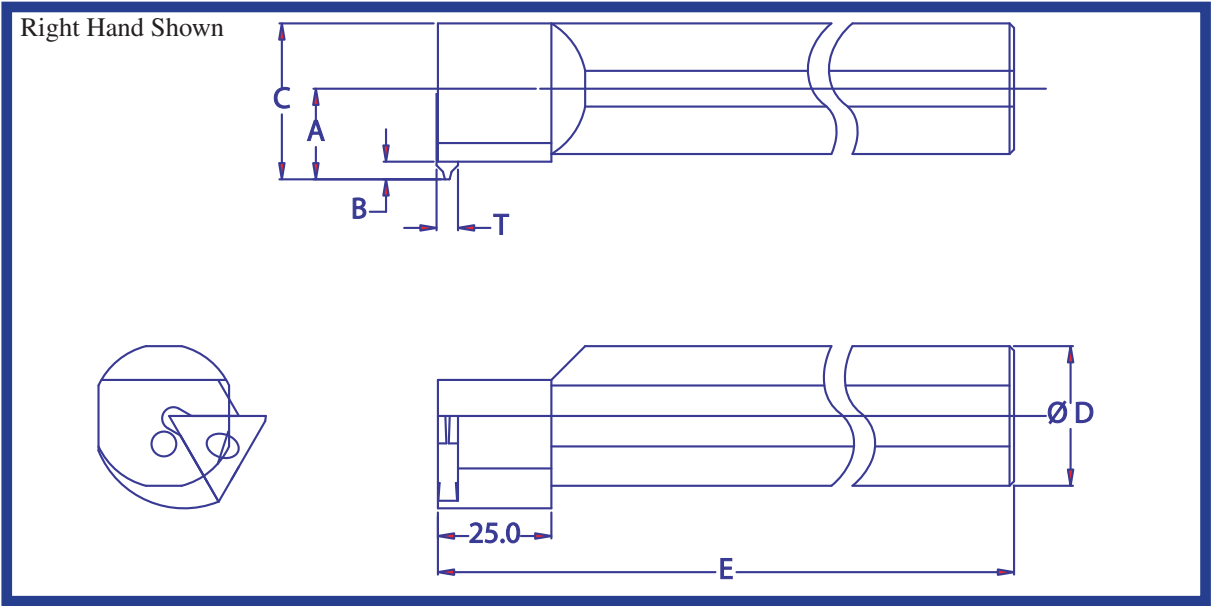




Holder Order Reference	A	B	C	D	E	H	T	Insert Reference
STHO R/L 2525-4	25	25	32	37.8	150	5.0	4.76	TNMC 43-NG
STHO R/L 3225-4	32	25	32	37.8	170			R/L-2°
SThO R/L 2525-5	25	25	32	39.6	150	7.0	6.35	TNMC 54-NG
STHO R/L 3225-5	32	25	32	44.0	170			R/L-2°
STHO R/L 3225-64	32	25	38	44.0	150	9.6	9.52	TNMC 64-NG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





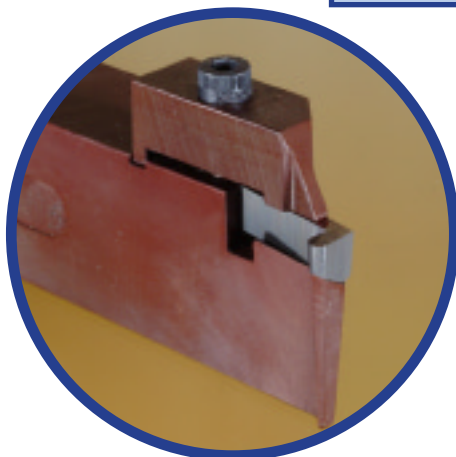
Holder Order Reference	A	C	D	E	B(Max)	T	Insert Reference
STB32-4 R/L	22	38	32	250	3.92@70.0	4.76	TNMC 43-NG
STB40-4 R/L	27	47	40	300	Min Bore Dia		R/L-2°
STB32-5 R/L	27	43	32	250	5.22@85.0	6.35	TNMC 54-NG
STB40-5 R/L	30	50	40	300	Min Bore Dia		R/L-2°

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





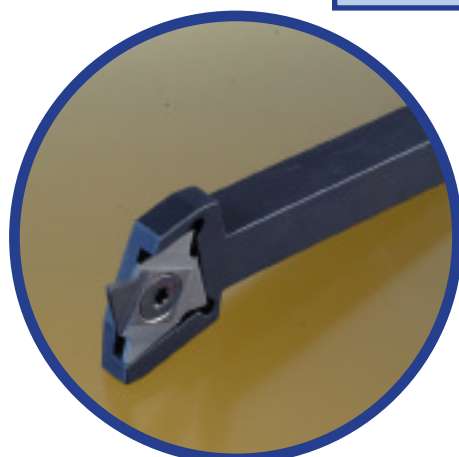
Special Holder 01



Special Holder 02



Special Holder 03



Special Holder 04



Special Holder 05



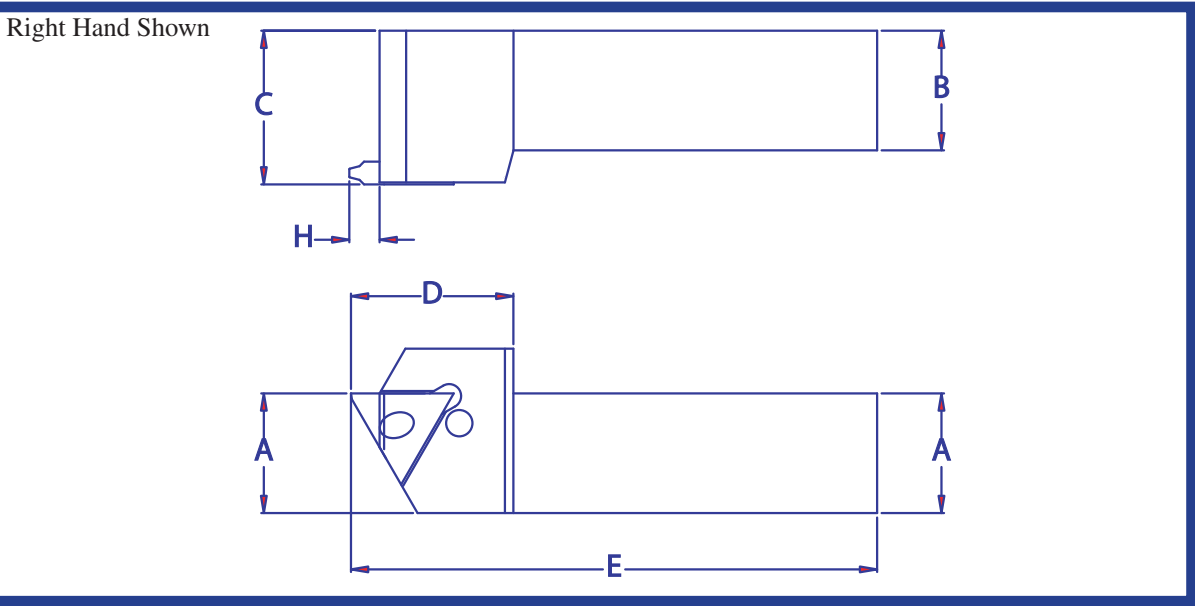
Special Holder 06

THREADING HOLDER

INSERTS
SEE BELOW

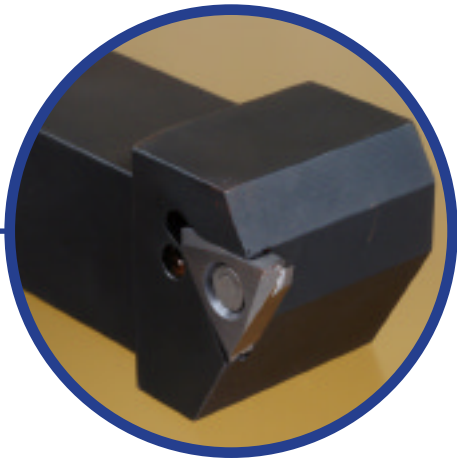
STVO EXTERNAL

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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

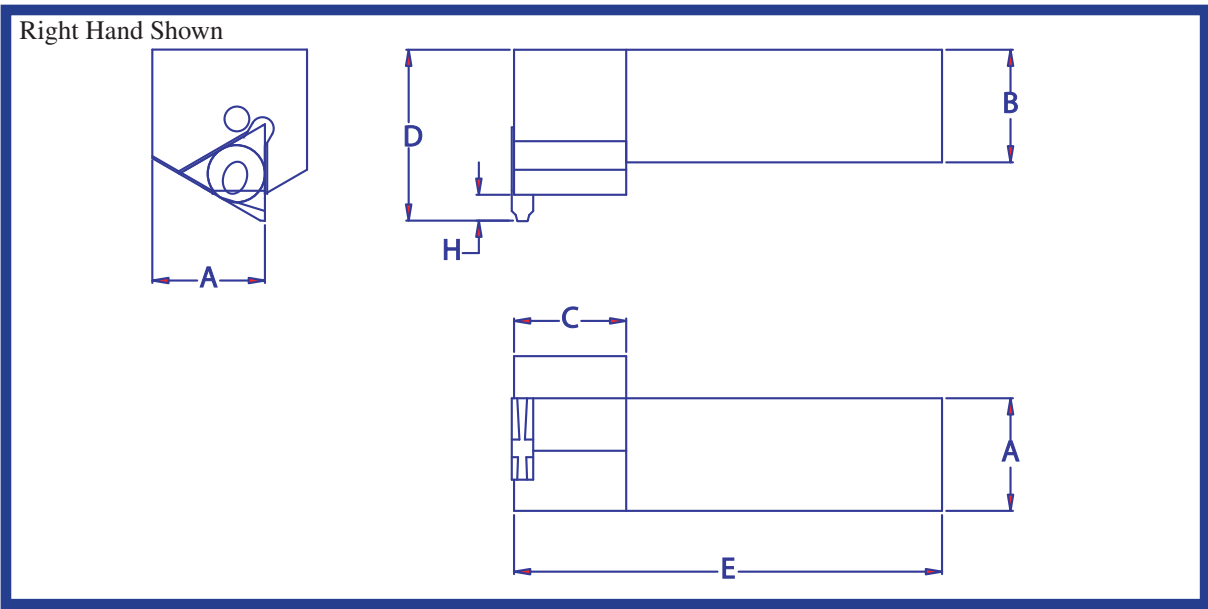
Neutral rake on-edge triangle for use with TNMC/ TPMC style inserts for threading.



THREADING HOLDER

INSERTS
SEE BELOW

STHO INTERNAL



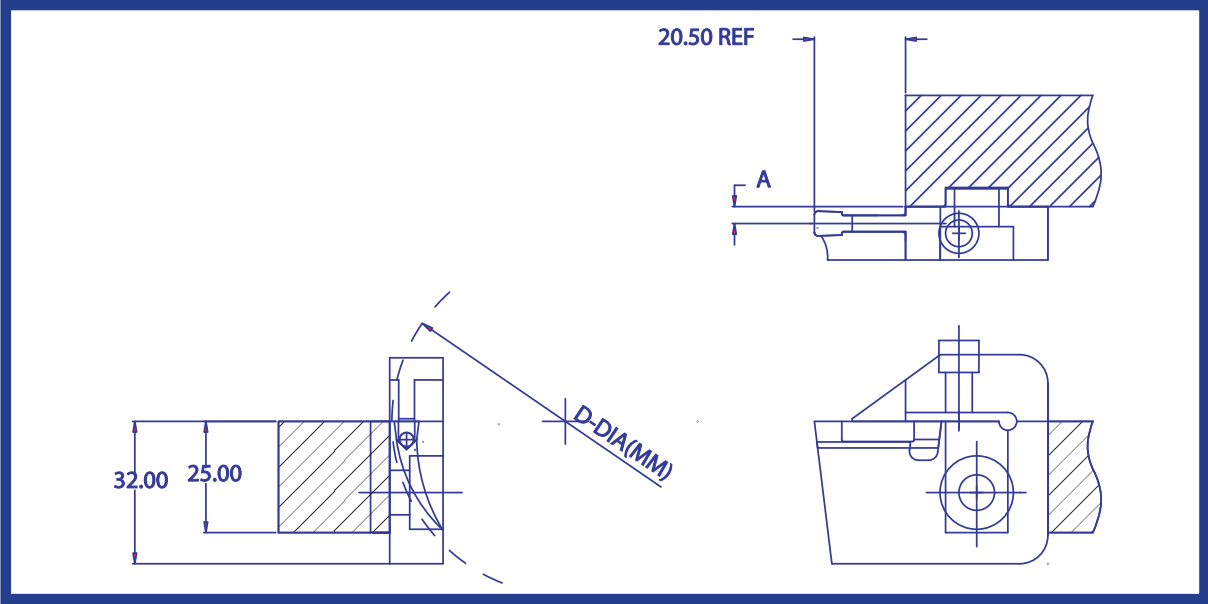
Holder Order Reference	A	B	C	D	E	H	Insert Reference
STHO R/L 2525-4	25	25	32	37.8	150	5.8	TNMC 43-R/L
STHO R/L 3225 -4	32	25	32	37.8	170		
STHO R/L 2525-5	25	25	32	39.6	150	7.0	TNMC 54-R/L
STHO R/L 3225-5	32	25	32	44.0	170		
STHO R/L 3232-66	32	25	38	44.0	170	9.6	TNMC 66-R/L

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

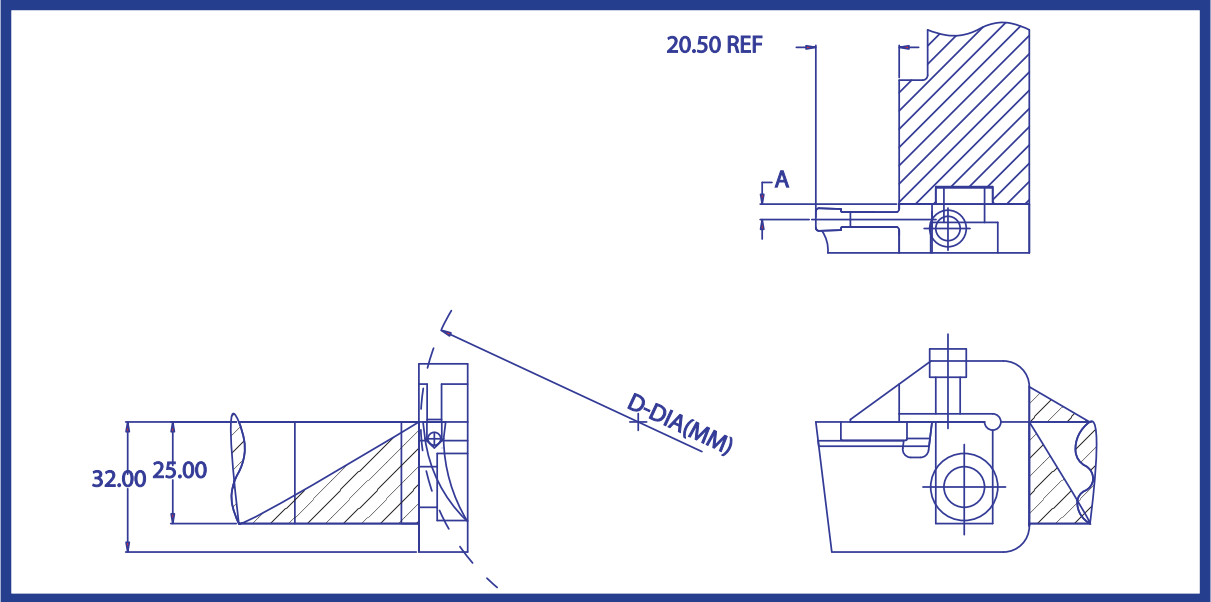


THE COMPLETE CUTTING TOOLS MANUFACTURER

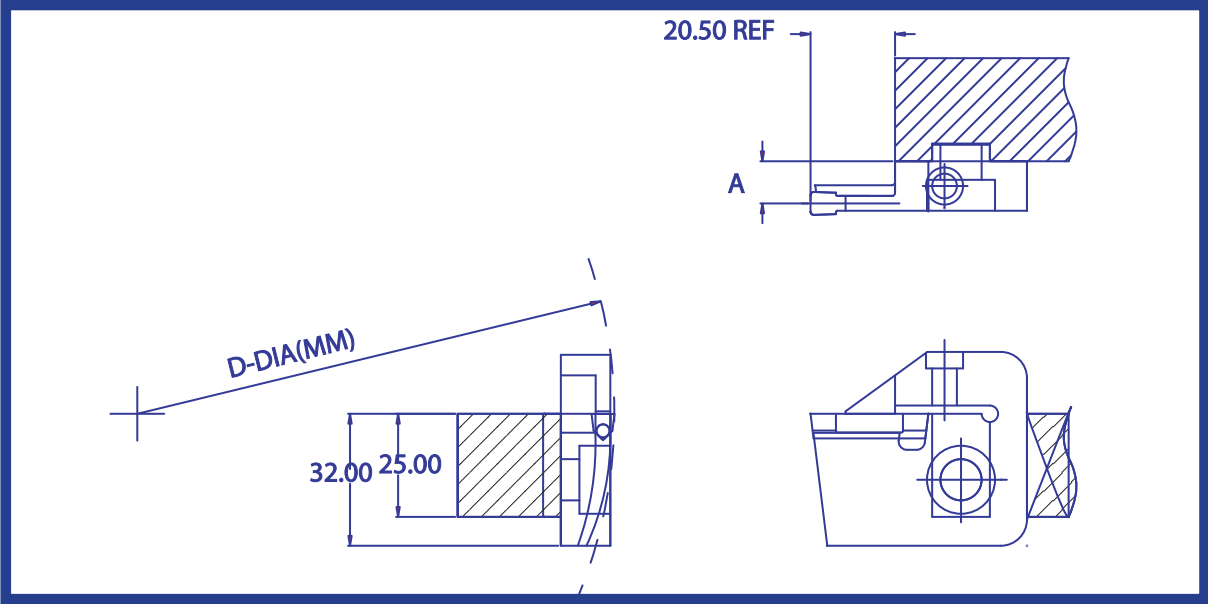
YOUR SPECIAL COULD BE OUR STANDARD



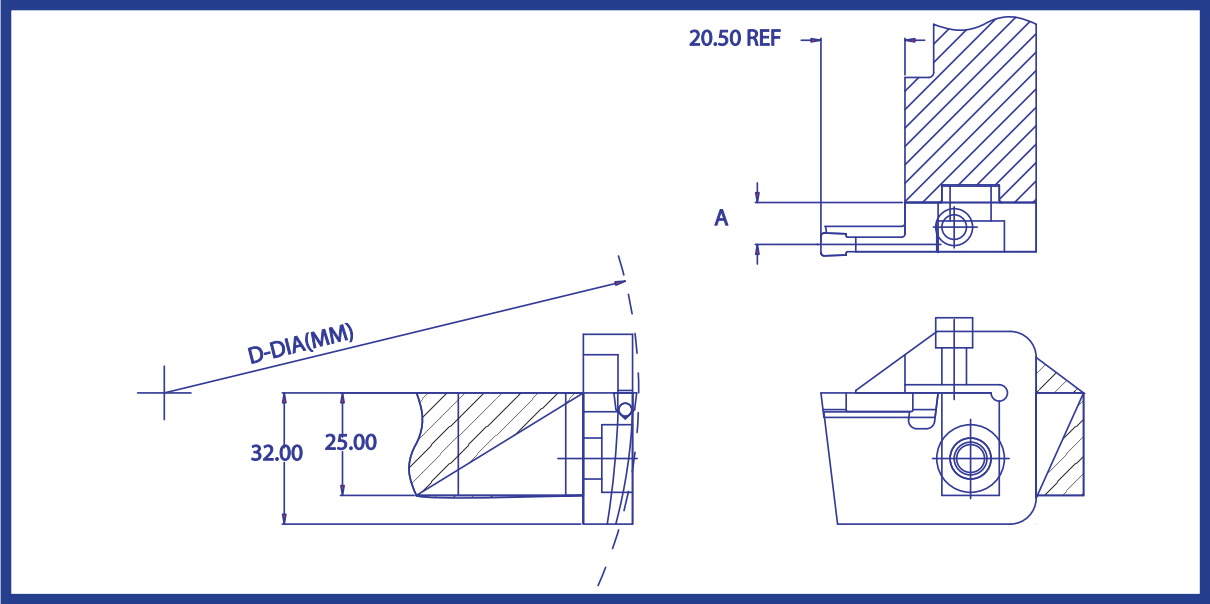
A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
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



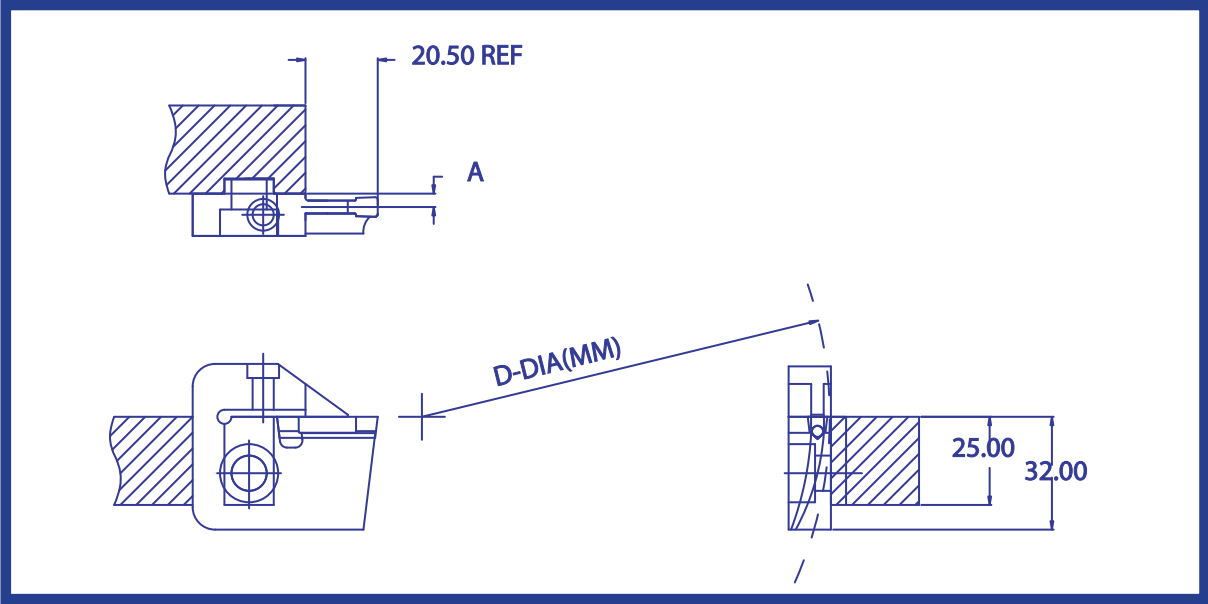
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3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400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



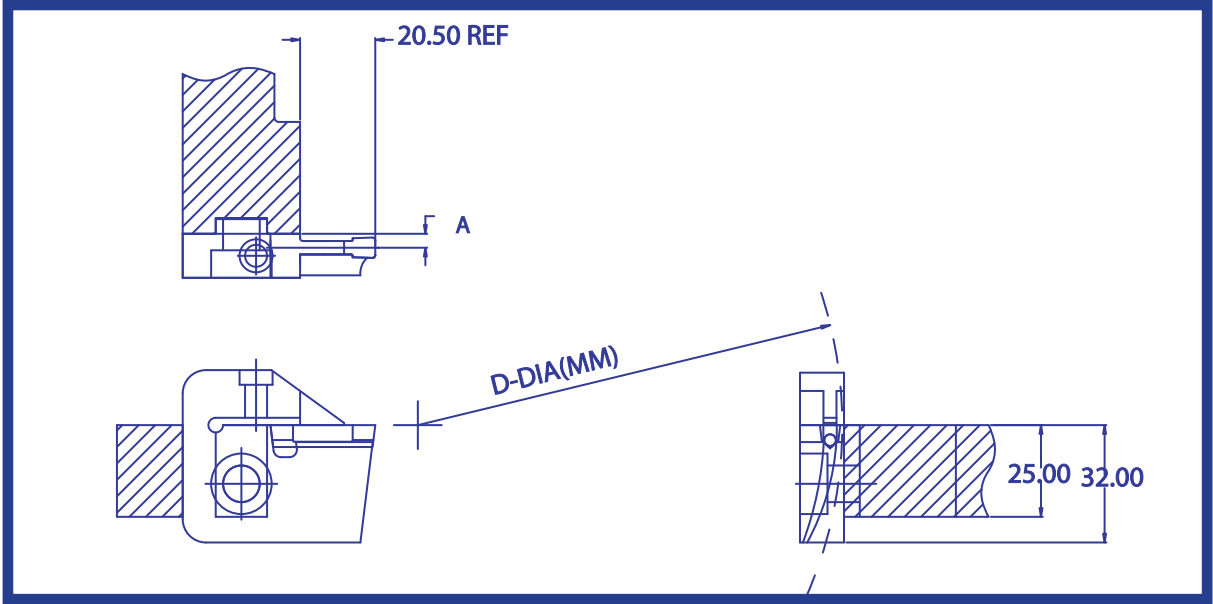
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3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400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



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

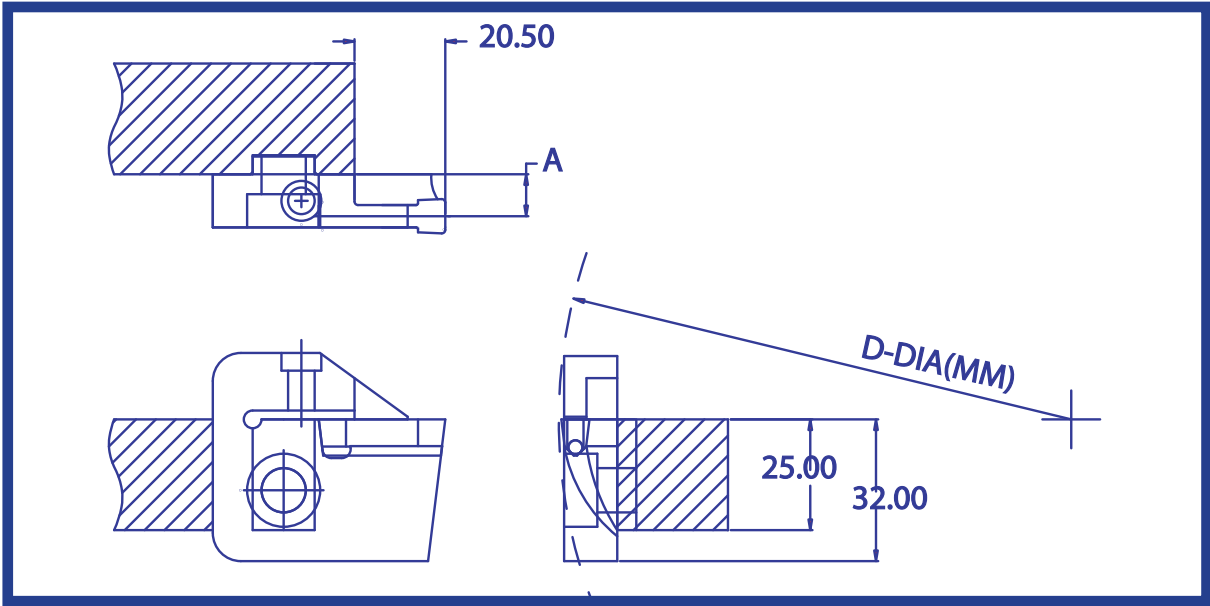


A	Outside Groove Dia D 45-75	Outside Groove Dia D 70-105	Outside Groove Dia D 100-140	Outside Groove Dia D 135-90	Outside Groove Dia D 185-255	Outside Groove Dia D 250-405	Outside Groove Dia D 400-1525	Insert
3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
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

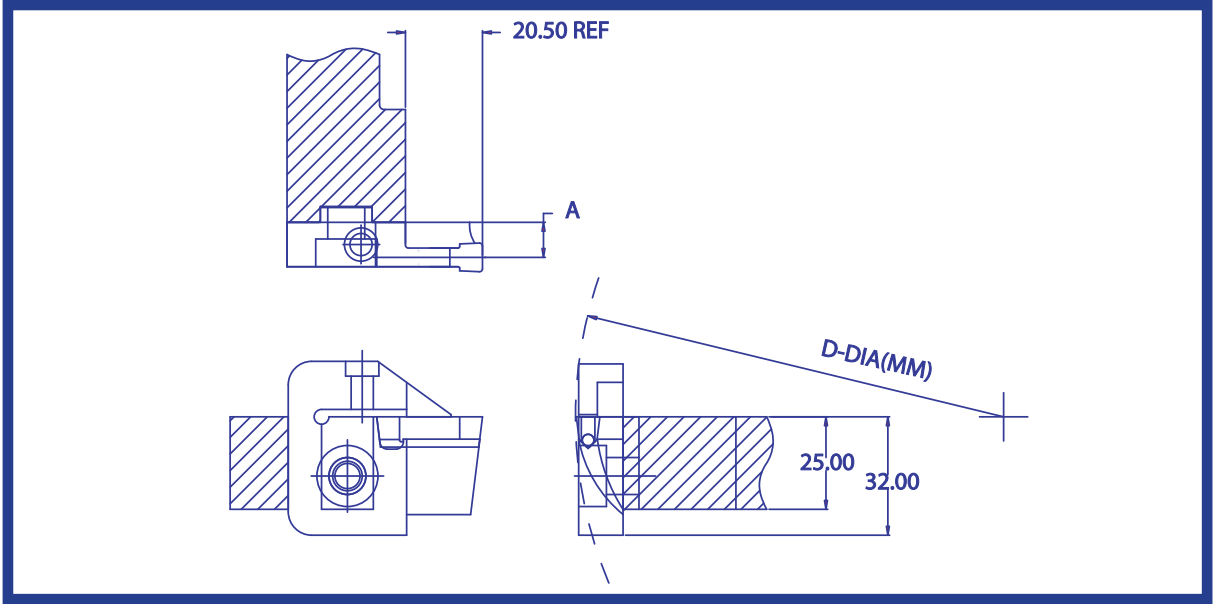


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3.4		125/156-70	125/156-100	125/156-135	125/156-185	125/156-250	125/156-400	DBV 125 DBV 156
3.8	187/218-45	187/218-70	187/218-100	187/218-135	187/218-185	187/218-250	187/218-400	DBV 187 DBV 218
3.8	250-45	250-70	250-100	250-135	250-185	250-250	250-400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



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



ENGRAVING, POLISHING & HONING, TOOLROOM

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

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)

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.

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.

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.

GILMOUR TOOLS

COMPANY PROFILE

COME AND VISIT OUR PREMISES

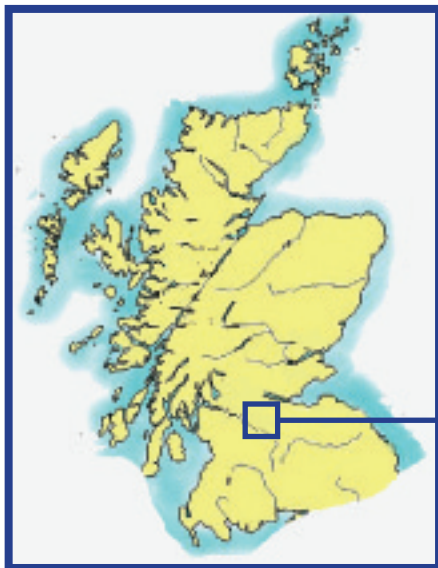
YOUR SPECIAL COULD BE OUR STANDARD



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.

We are the largest independently owned complete cutting tools manufacturer on the one one site in Europe.

We achieved the ISO90002 award in 1990 and are working towards the Investors in People status which we hope to achieve by the end of 2002.



BAIRD AVENUE,
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