

# HCG - HORN Catalogue Guide

## PROFILING

Width of profile	Inserts S117...								
	.0010...	.0012...	.0014...	.0016...	.0018...	.0020...	.0026...	.0032...	.0045...
up to inch	.394	.472	.551	.630	.709	.787	1.024	1.260	1.772
up to mm	10	12	14	16	18	20	26	32	45

Depth of profile	Inserts S117... Angle 5°								
	.0010.00	.0012.00	.0014.00	.0016.00	.0018.00	.0020.00	.0026.00	.0032.00	.0045.00
up to .138" (3.5 mm)	•								
up to .177" (4.5 mm)		•							
up to .236" (6 mm)			•	•					
up to .256" (6.5 mm)								•	•
up to .354" (9 mm)					•	•			
up to .394" (10 mm)							•		

Depth of profile	Inserts S117... Angle 0°				
	.0010.02.00	.0012.02.00	.0016.02.00	.0020.02.00	.0026.02.00
up to .256" (6.5 mm)	•				
up to .295" (7.5 mm)		•			
up to .354" (9 mm)			•		
up to .472" (12 mm)				•	
up to .512" (13 mm)					•

Chapter

0

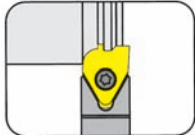
## Profiling O

### Angle / Width

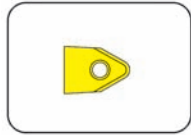
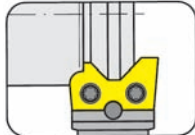
### Toolholder

### Inserts

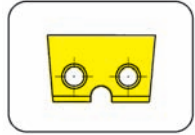
**System H117**  
5° / 10 - 45 mm



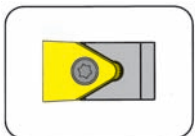
Page O2-O13



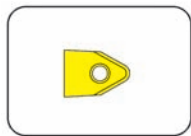
Page O16-O17



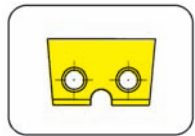
**System H117 for PWP**  
5° / 10 - 45 mm



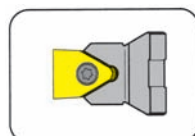
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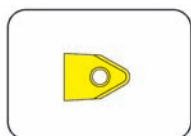
Page O16-O17



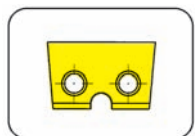
**System H117 for AWN**  
5° / 10 - 45 mm



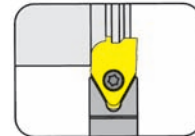
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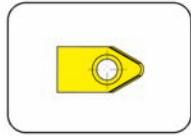
Page O16-O17



**System H117**  
0° / 10 - 26 mm



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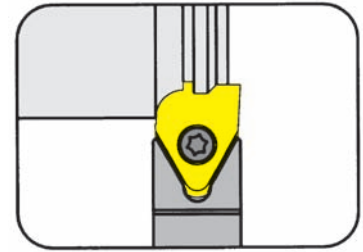
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For Technical Information please see chapter Q

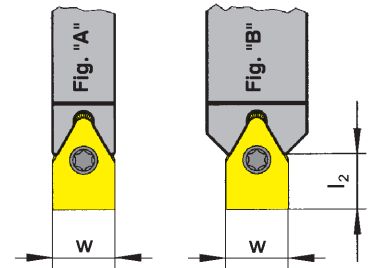
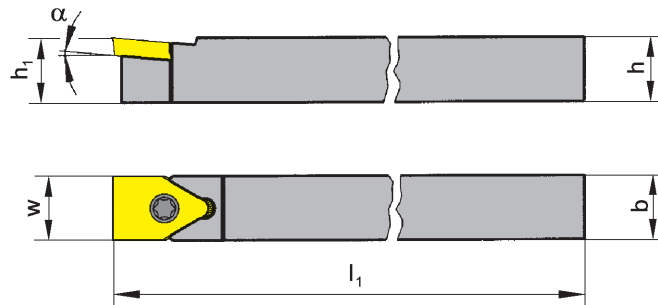
## TOOLHOLDER Type

# HU117

5° rake angle



Depth of profile up to .138"  
Width of profile up to .394"



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
HU117.0375.10	5°	A	.375	.375	.375	4.000	-		
HU117.0500.10	5°	B	.500	.500	.500	5.000	.354	.394	S117.0010.00
HU117.0625.10	5°	B	.625	.625	.635	6.000	.354		

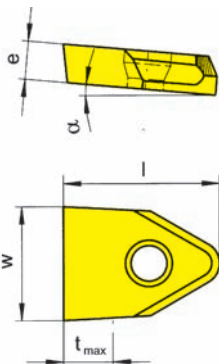
Dimensions in inch

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
HU117.0375.10 HU117...10	<b>030.400P.0227</b> <b>4.09T15P</b>	<b>T15PQ</b> <b>T15PQ</b>

## INSERT Type

# S117.0010.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

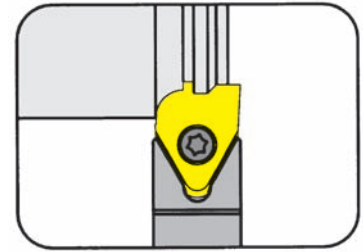
Dimensions in inch

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0010.00	5°	.394	.118	.630	.138	HU117...10

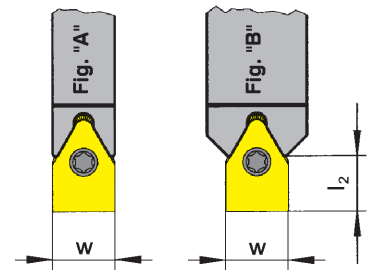
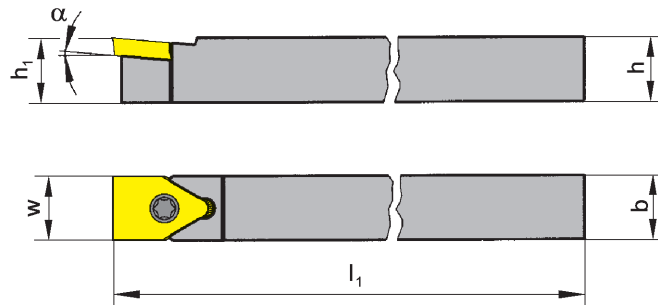
## TOOLHOLDER Type

# H117

5° rake angle



Depth of profile up to .138" (3.5 mm)  
Width of profile up to .394" (10.0 mm)



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
H117.1010.10	5°	A	10	10	10	100	-		
H117.1212.10	5°	B	12	12	12	125	9	10	S117.0010.00
H117.1616.10	5°	B	16	16	16	125	9		

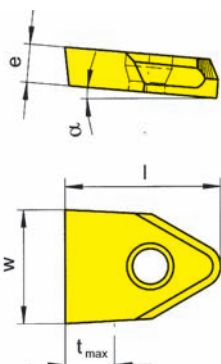
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117.1010.10	<b>030.400P.0227</b>	<b>T15PQ</b>
H117...10	<b>4.09T15P</b>	<b>T15PQ</b>

## INSERT Type

# S117.0010.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

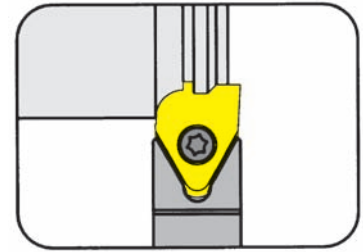
Dimensions in mm

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0010.00	5°	10	3	16	3,5	H117...10

## TOOLHOLDER Type

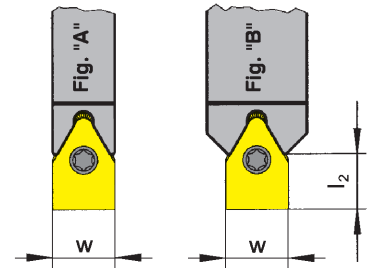
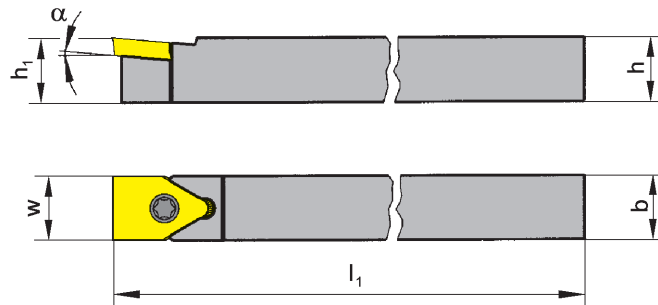
# HU117

5° rake angle



Depth of profile up to  
Width of profile up to

.177"  
.472"



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
HU117.0500.12	5°	A	.500	.500	.500	5.000	-		
HU117.0625.12	5°	B	.625	.625	.625	5.000	.315	.472	S117.0012.00
HU117.0750.12	5°	B	.750	.750	.750	6.000	.315		

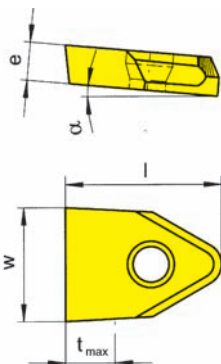
Dimensions in inch

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
HU117...12	<b>4.09T15P</b>	<b>T15PQ</b>

## INSERT Type

# S117.0012.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

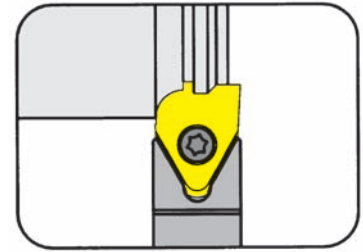
Dimensions in inch

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0012.02.00	5°	.472	.177	.669	.177	HU117...12

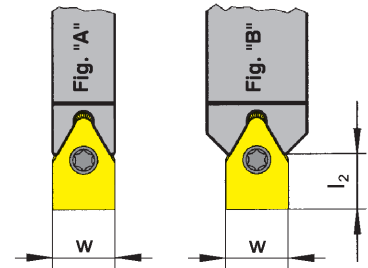
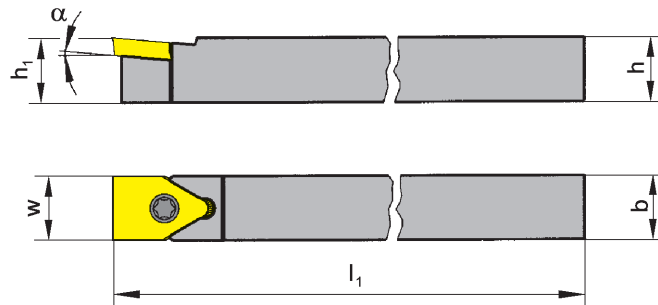
## TOOLHOLDER Type

# H117

5° rake angle



Depth of profile up to .177" (4.5 mm)  
Width of profile up to .472" (12.0 mm)



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	w	Semi finished insert
H117.1212.12	5°	A	12	12	12	125	-	12	S117.0012.00
H117.1414.12	5°	B	14	14	14	125	8		
H117.1612.12	5°	A	16	16	12	125	-		
H117.1616.12	5°	B	16	16	16	125	8		
H117.2020.12	5°	B	20	20	20	150	8		

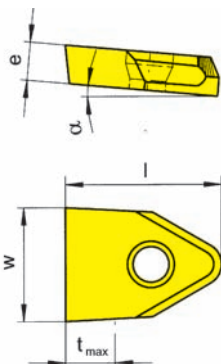
Dimensions in mm

### Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...12	<b>4.09T15P</b>	<b>T15PQ</b>

## INSERT Type

# S117.0012.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

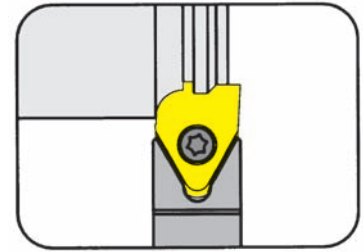
Dimensions in mm

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0012.00	5°	12	4,5	17	4,5	H117...12

## TOOLHOLDER Type

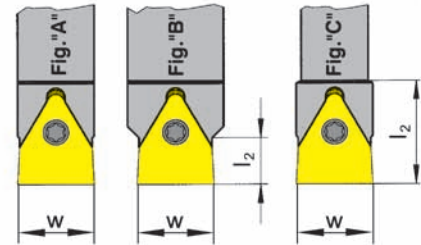
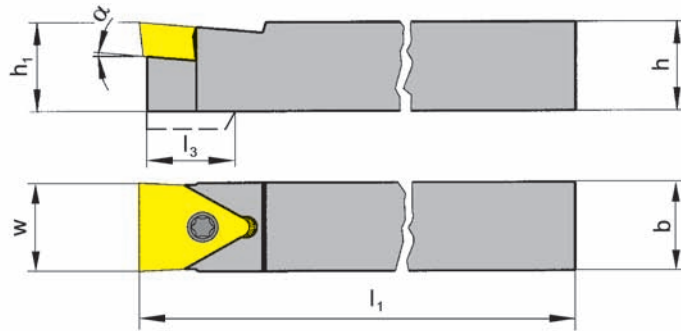
# HU117

5° rake angle



Depth of profile up to  
Width of profile up to

.236"  
.630"



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	w	Semi finished insert
HU117.0500.16	5°	C	.500	.500	.500	5.000	.866	.709	.551 .630	S117.0014.00 S117.0016.00
HU117.0625.16	5°	B A	.625	.625	.625	5.000	.393 -	-	.551 .630	S117.0014.00 S117.0016.00
HU117.0750.16	5°	B	.750	.750	.750	6.000	.393 .433	-	.551 .630	S117.0014.00 S117.0016.00

Dimensions in inch

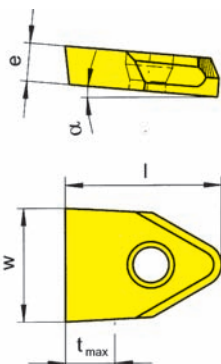
## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
HU117...16	5.12T20P	T20PQ

## INSERT Type

# S117.0014.00

# S117.0016.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

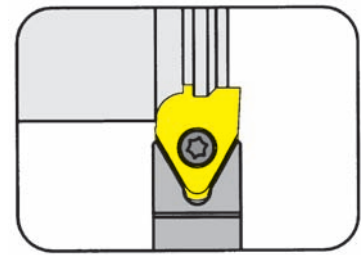
Dimensions in inch

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0014.00 S117.0016.00	5°	14 16	6	21	6	HU117...16

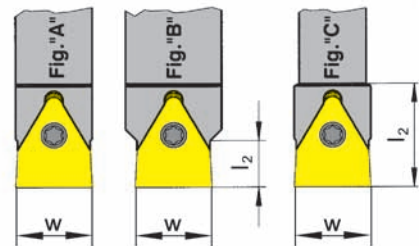
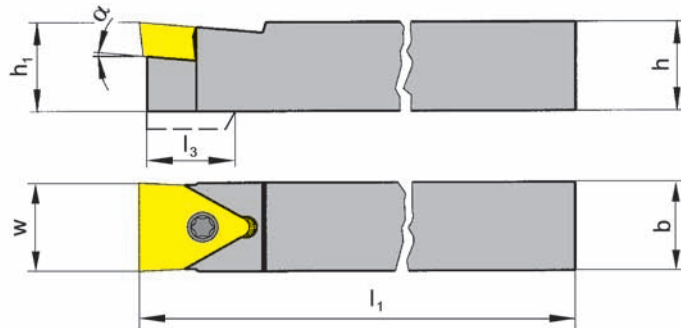
## TOOLHOLDER Type

# H117

5° rake angle



Depth of profile up to .236" (6 mm)  
Width of profile up to 630" (16 mm)



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	w	Semi finished insert
H117.1414.16	5°	C	14	14	14	125	22	18	14 16	S117.0014.00 S117.0016.00
H117.1616.16	5°	B A	16	16	16	125	11 -	-	14 16	S117.0014.00 S117.0016.00
H117.2020.16	5°	B	20	20	20	150	11 11	-	14 16	S117.0014.00 S117.0016.00
H117.2525.16	5°	B	25	25	25	150	11	-	14 16	S117.0014.00 S117.0016.00

### Spare parts

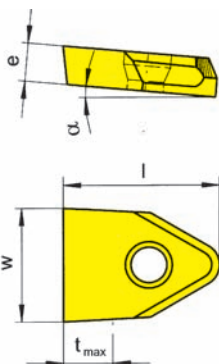
Dimensions in mm

Toolholder	Screw	TORX PLUS® Wrench
H117...16	5.12T20P	T20PQ

## INSERT Type

# S117.0014.00

# S117.0016.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

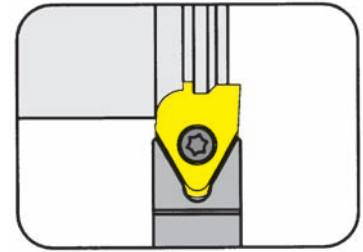
Dimensions in mm

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0014.00 S117.0016.00	5°	14 16	6	21	6	H117...16

## TOOLHOLDER Type

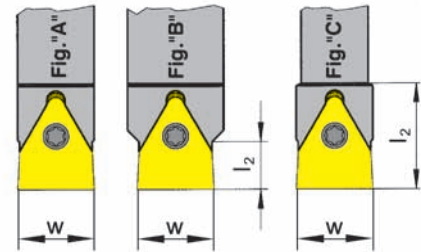
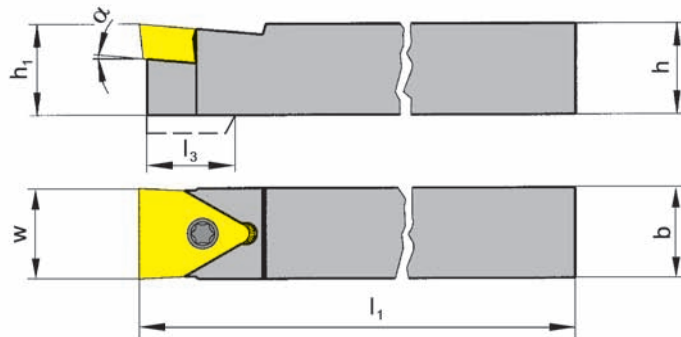
# HU117

5° rake angle



Depth of profile up to  
Width of profile up to

.354"  
.787"



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	$l_3$	w	Semi finished insert
HU117.0625.20	5°	C	.625	.625	.625	5.000	1.181	.906	.708 .787	S117.0018.00 S117.0020.00
HU117.0750.20	5°	B A	.750	.750	.750	6.000	.591 -	- -	.708 .787	S117.0018.00 S117.0020.00
HU117.1000.20	5°	B	1.000	1.000	1.000	6.000	.591 .630	- -	.708 .787	S117.0018.00 S117.0020.00

Dimensions in inch

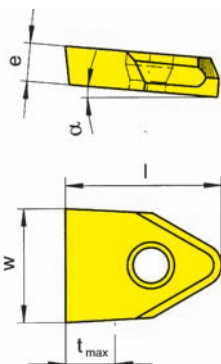
## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
HU117...20	<b>6.17T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0018.00

# S117.0020.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

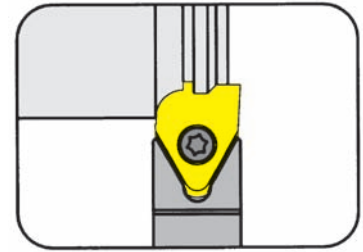
Dimensions in inch

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0018.00 S117.0020.00	5°	.708 .787	.276	1.142	.354	HU117...20

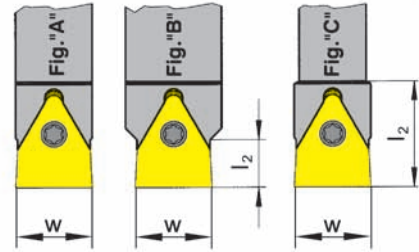
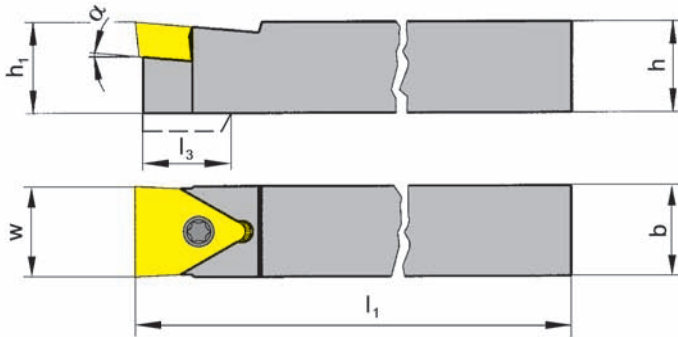
## TOOLHOLDER Type

# H117

5° rake angle



Depth of profile up to .354" (9 mm)  
Width of profile up to .787" (20 mm)



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	$l_3$	w	Semi finished insert
H117.1616.20	5°	C	16	16	16	125	30	23	18 20	S117.0018.00 S117.0020.00
H117.2020.20	5°	B A	20	20	20	150	15 -	- -	18 20	S117.0018.00 S117.0020.00
H117.2525.20	5°	B	25	25	25	150	15 16	- -	18 20	S117.0018.00 S117.0020.00

Dimensions in mm

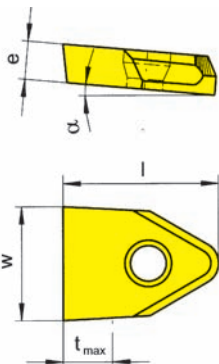
## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...20	<b>6.17T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0018.00

# S117.0020.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

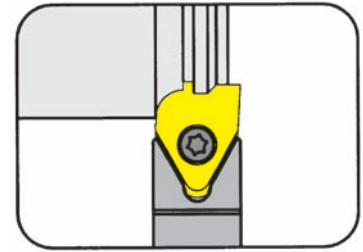
Dimensions in mm

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0018.00 S117.0020.00	5°	18 20	7	29	9	H117...20

## TOOLHOLDER Type

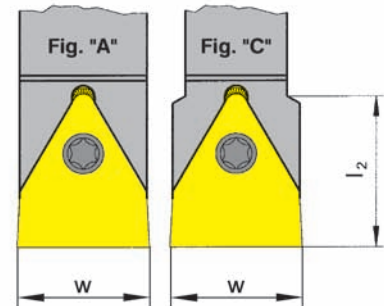
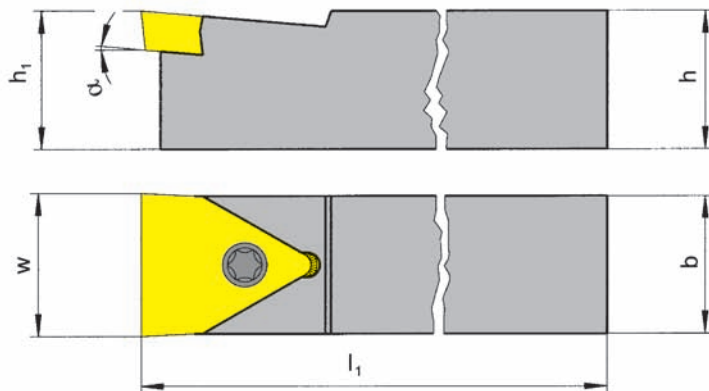
# HU117

5° rake angle



Depth of profile up to  
Width of profile up to

.394"  
1.024"



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
HU117.0750.26	5°	C	.750	.750	.750	6.000	1.181	1.024	S117.0026.00
HU117.1000.26		A	1.000	1.000	1.000		-		

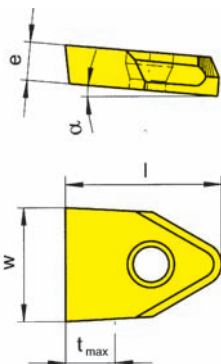
Dimensions in inch

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...26	<b>6.17T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0026.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

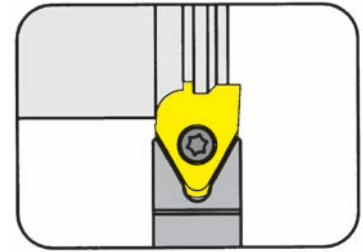
Dimensions in inch

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
<b>S117.0026.00</b>	5°	1.024	.278	1.260	.394	HU117...26

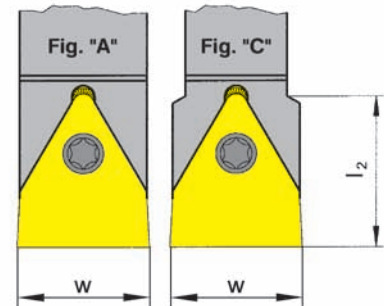
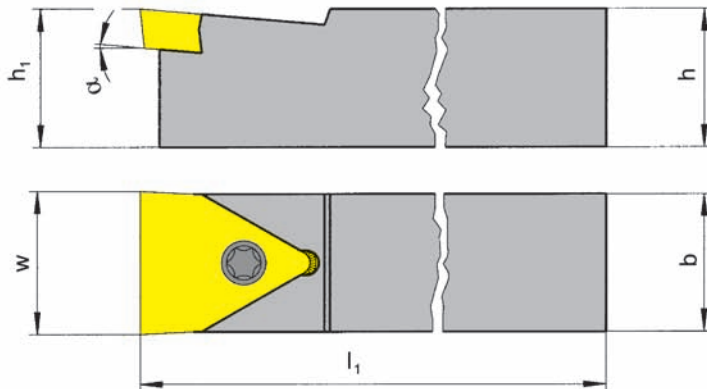
## TOOLHOLDER Type

# H117

5° rake angle



Depth of profile up to .394" (13 mm)  
Width of profile up to 1.024" (26 mm)



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	w	Semi finished insert
H117.2020.26	5°	C	20	20	20	150	30	26	S117.0026.00
H117.2525.26	5°	A	25	25	25	150	-	26	

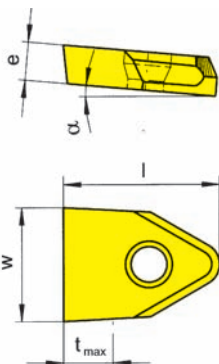
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...26	<b>6.17T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0026.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

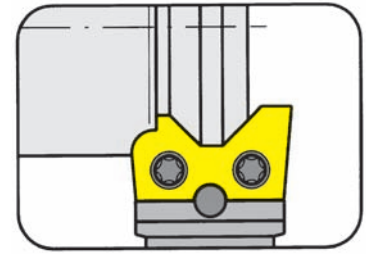
Dimensions in mm

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0026.00	5°	26	7	32	10	H117...26

## TOOLHOLDER Type

# HU117

5° rake angle

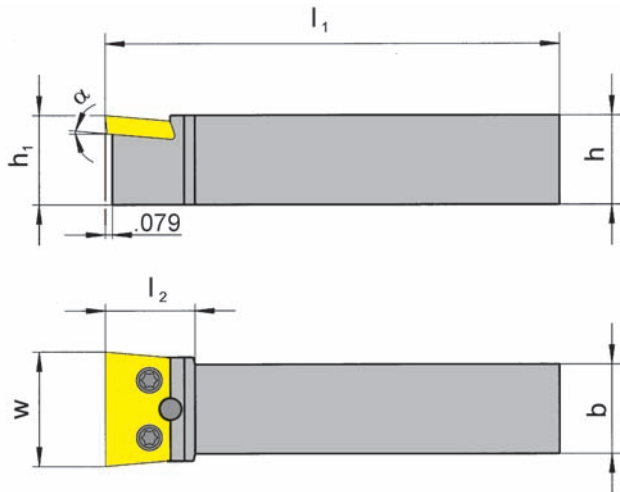


Depth of form up to  
Width of form up to

.255"  
1.772"

for use with Insert

Type S117



Part number	$\alpha$	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
HU117.0750.32	5°	.750	.750	.750	5.000	1.000	1.260	S117.0032.00
HU117.1000.32		1.000	1.000	1.000				
HU117.1000.45	5°	1.000	1.000	1.000	5.000	1.063	1.772	S117.0045.00
HU117.1250.45		1.250	1.250	1.250				

Further angles upon request

Dimensions in inch

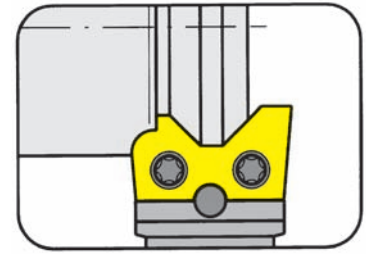
### Spare parts

Toolholder	Screw	TORX PLUS® Wrench
HU117....	5.12T20P	T20PQ

## TOOLHOLDER Type

# H117

5° rake angle

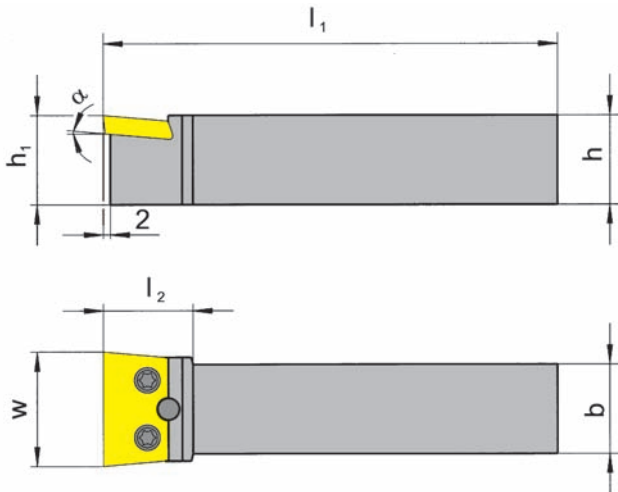


Depth of form up to  
Width of form up to

.256" (6.5 mm)  
1.772" (45.0 mm)

for use with Insert

Type S117



Part number	$\alpha$	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
H117.2020.32	5°	20	20	20	150	25	32	S117.0032.00
H117.2525.32		25	25	25				
H117.2525.45	5°	25	25	25	150	27	45	S117.0045.00
H117.3232.45		32	32	32				

Further angles upon request

Dimensions in mm

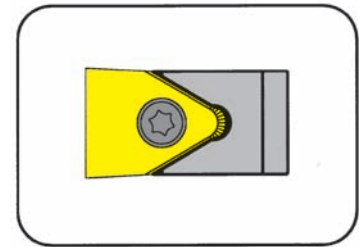
## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117....	5.12T20P	T20PQ

## TOOLHOLDER Type

# H117

5° rake angle

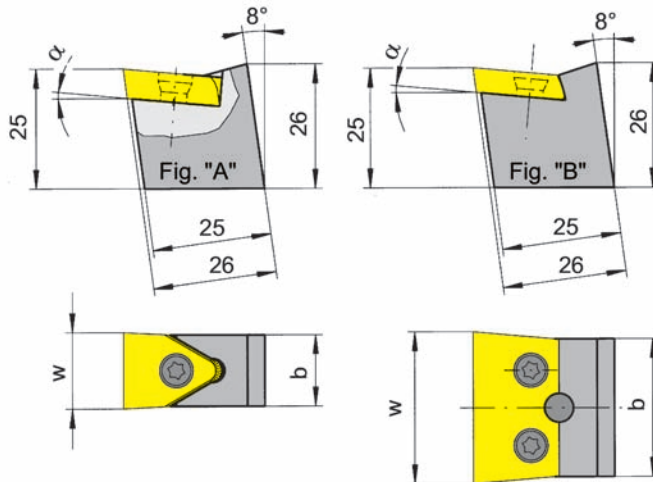


Depth of form up to  
Width of form up to

.256" (6.5 mm)  
1.772" (45.0 mm)

for use with Insert

Type S117



with PWP-System

Part number	$\alpha$	Figure	b	w	Semi finished insert
H117.PWP.10	5°	A	10	10	S117.0010.00
H117.PWP.12	5°	A	12	12	S117.0012.00
H117.PWP.16	5°	A	16	16	S117.0014/16.00
H117.PWP.32	5°	B	28	32	S117.0032.00
H117.PWP.45	5°	B	42	45	S117.0045.00

Further angles upon request

Dimensions in mm

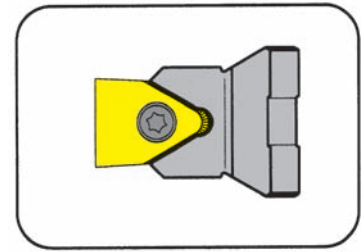
## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117.PWP.10/12	4.09T15P	T15PQ
H117.PWP.16/32/45	5.12T20P	T20PQ

## TOOLHOLDER Type

# H117

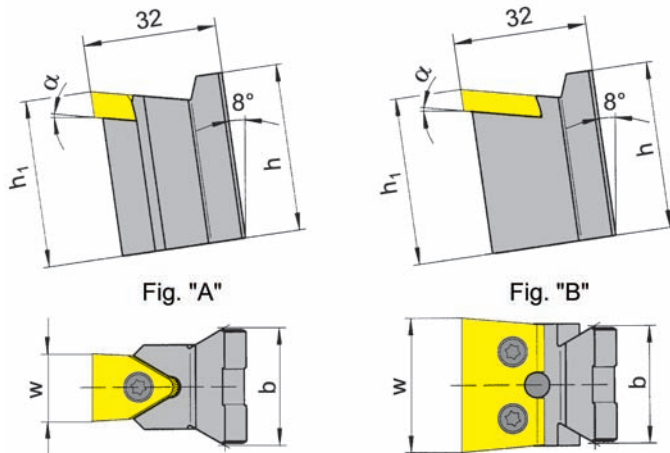
5° rake angle



Depth of form up to .394" (10.0 mm)  
Width of form up to 1.772" (45.0 mm)

for use with Insert

Type S117



with AWN-System

Part number	$\alpha$	Figure	h	$h_1$	b	w	$t_{max}$	Semi finished insert
H117.AW20.10 H117.AW28.10	5°	A	36	40	20 28	10	3.5	S117.0010.00
H117.AW20.12 H117.AW28.12	5°	A	36	40	20 28	12	4.5	S117.0012.00
H117.AW20.16 H117.AW28.16	5°	A	36	40	20 28	16	6.5	S117.0014/16.00
H117.AW28.20	5°	A	36	40	28	20	9.0	S117.0018/20.00
H117.AW28.26	5°	A	36	40	28	26	10.0	S117.0026.00
H117.AW28.32	5°	B	36	40	28	32	6.5	S117.0032.00
H117.AW40.45	5°	B	50	50	40	45	6.5	S117.0045.00

Further angles upon request

Dimensions in mm

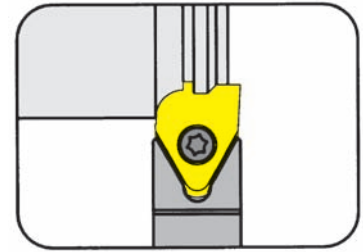
### Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117.AW2...10/12	4.09T15P	T15PQ
H117.AW...16/32/45	5.12T20P	T20PQ
H117.AW28.20/26	6.17T20P	T20PQ

## INSERT Type

# S117

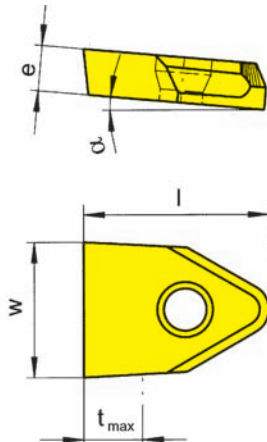
5° rake angle



Depth of form up to .394"  
Width of form up to 1.024"

for use with Toolholder

Type H117  
HU117



**OVERVIEW**  
Semi finished insert

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder	MG12	H54
S117.0010.00	5°	.394	.118	.630	.138	H117...10	▲	
S117.0012.00	5°	.472	.177	.669	.177	H117...12	▲	▲
S117.0014.00	5°	.551	.236	.827	.236	H117...16	▲	
S117.0016.00	5°	.630	.236	.827	.236	H117...16	▲	
S117.0018.00	5°	.709	.276	1.142	.354	H117...20	▲	
S117.0020.00	5°	.787	.276	1.142	.354	H117...20	▲	
S117.0026.00	5°	1.024	.276	1.260	.394	H117...26	▲	

- ▲ on stock   Δ 4 weeks
- main recommendation
- alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

P	○	●
M	●	●
K	●	●
S	●	●
N	●	●
H		

Further sizes upon request

Dimensions in inch



Profile inserts upon request

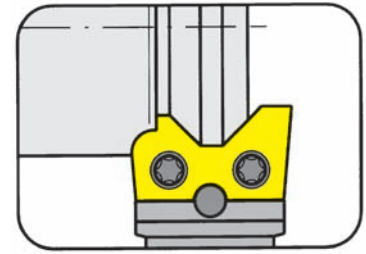
## INSERT Type

# S117

5° rake angle

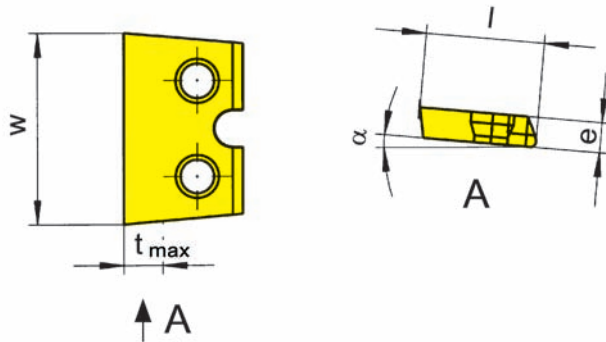
Depth of form up to  
Width of form up to

.256"  
1.772"



for use with Toolholder

Type H117  
HU117



### OVERVIEW Semi finished insert

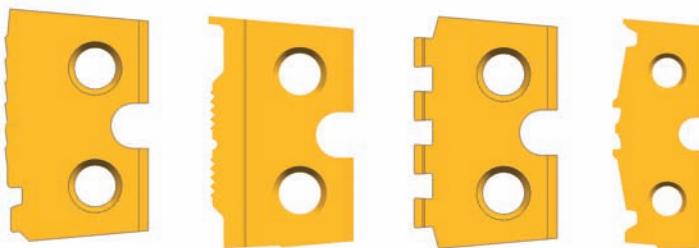
Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder	MG12
S117.0032.00	5°	1.260	.197	.776	.256	H117...32	▲
S117.0045.00	5°	1.772	.197	.776	.256	H117...45	▲

- ▲ on stock Δ 4 weeks
- main recommendation
- alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

P	○
M	●
K	●
S	●
N	●
H	●

Further sizes upon request

Dimensions in inch

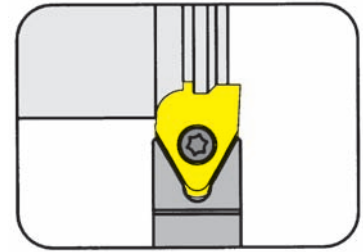


Profile inserts upon request

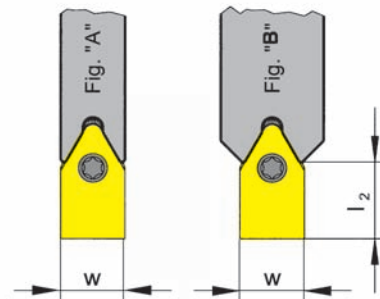
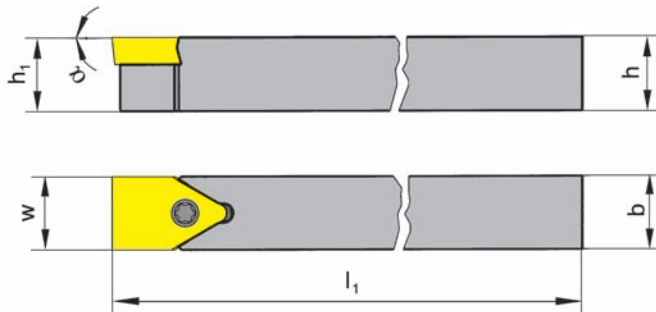
## TOOLHOLDER Type

# H117

0° rake angle



Depth of profile up to .256" (6.5 mm)  
Width of profile up to .394" (10.0 mm)



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
H117.1010.02.10	0°	A	10	10	10	100	-		
H117.1212.02.10	0°	B	12	12	12	125	12	10	S117.0010.02.00
H117.1616.02.10	0°	B	16	16	16	125	12		

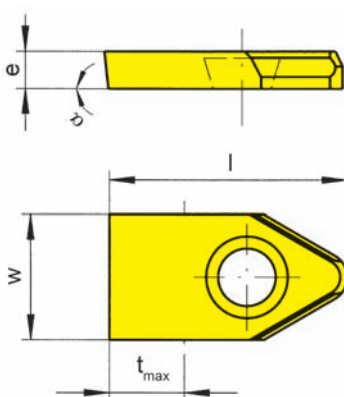
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...02.10	<b>4.09T15P</b>	<b>T15PQ</b>

## INSERT Type

# S117.0010.02.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

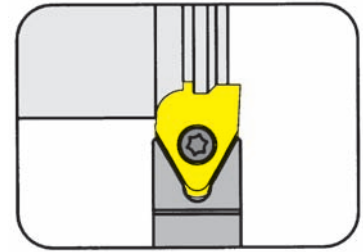
Dimensions in mm

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0010.02.00	0°	10	3	19	6,5	H117...02.10

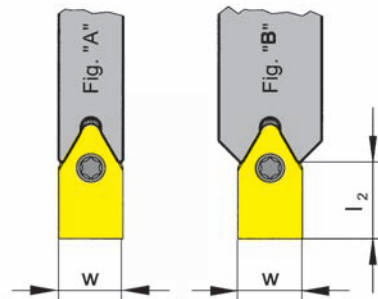
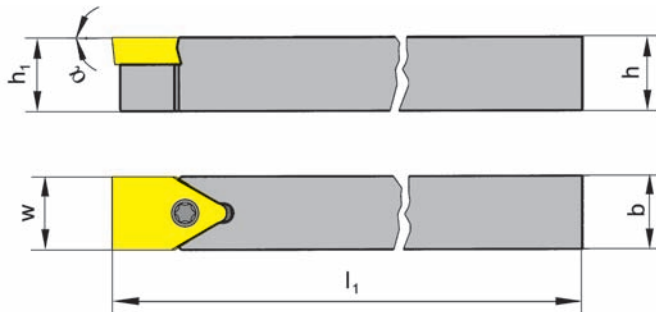
## TOOLHOLDER Type

# H117

0° rake angle



Depth of profile up to .295" (7.5 mm)  
Width of profile up to .472" (12.0 mm)



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
H117.1212.02.12	0°	A	12	12	12	125	-		S117.0012.02.00
H117.1616.02.12	0°	B	16	16	16	125	11	12	
H117.2020.02.12	0°	B	20	20	20	150	11		

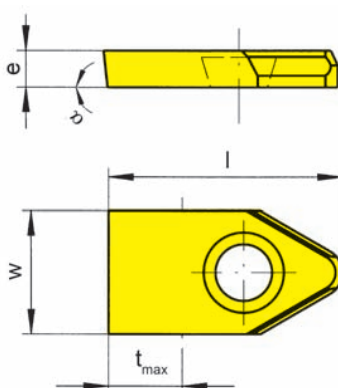
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...02.12	<b>4.09T15P</b>	<b>T15PQ</b>

## INSERT Type

# S117.0012.02.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

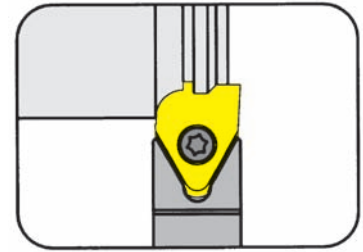
Dimensions in mm

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0012.02.00	0°	12	4,5	20	7,5	H117...02.12

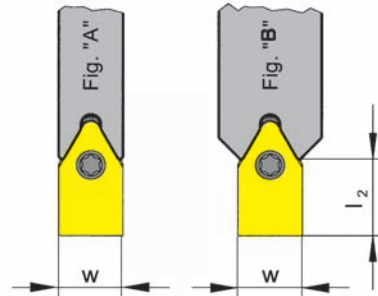
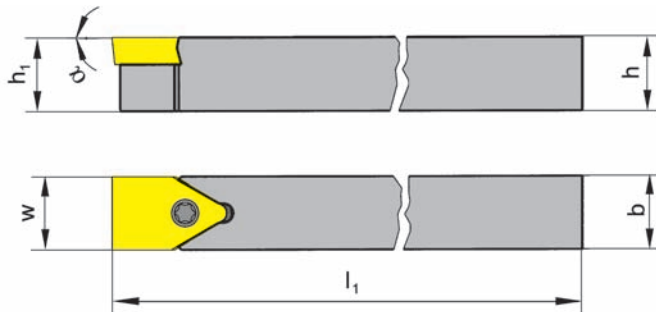
## TOOLHOLDER Type

# H117

0° rake angle



Depth of profile up to .354" (9 mm)  
Width of profile up to .630" (16 mm)



Part number	$\alpha$	Figure	h	$h_1$	b	$l_1$	$l_2$	w	Semi finished insert
H117.1616.02.16	0°	A	16	16	16	125	-	16	S117.0016.02.00
H117.2020.02.16	0°	B	20	20	20	150	14	16	

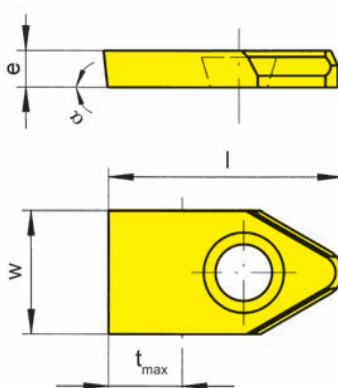
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...02.16	<b>5.12T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0016.02.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

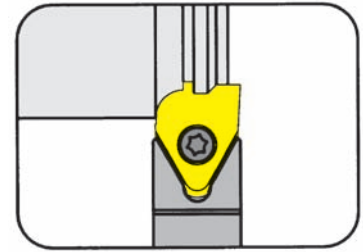
Dimensions in mm

Part number	$\alpha$	w	e	l	$t_{max}$	Toolholder
S117.0016.02.00	0°	16	6	24	9	H117...02.16

## TOOLHOLDER Type

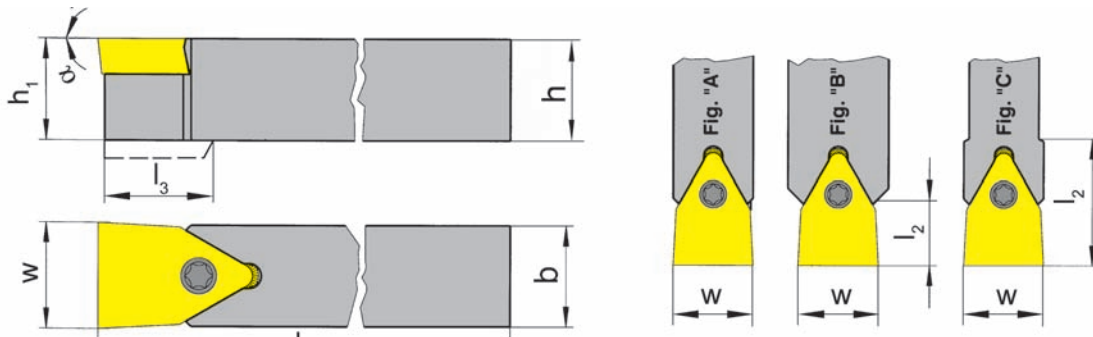
# H117

0° rake angle



Depth of profile up to  
Width of profile up to

.472" (12 mm)  
.787" (20 mm)



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	w	Semi finished insert
H117.1616.02.20	0°	C	16	16	16	125	33	26		
H117.2020.02.20	0°	A	20	20	20	150	-	-	20	S117.0020.02.00
H117.2525.02.20	0°	B	25	25	25	150	19	-		

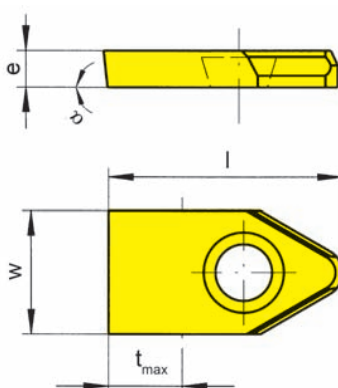
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...02.20	6.17T20P	T20PQ

## INSERT Type

# S117.0020.02.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

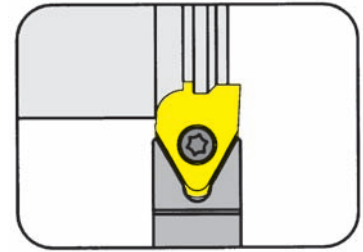
Dimensions in mm

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0020.02.00	0°	20	7	32	12	H117...02.20

## TOOLHOLDER Type

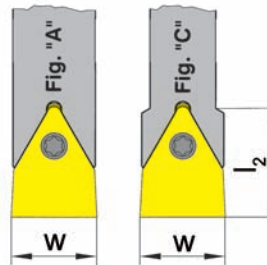
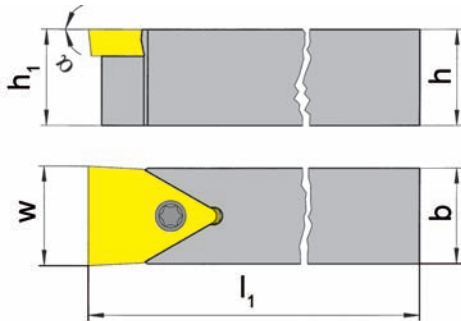
# H117

0° rake angle



Depth of profile up to  
Width of profile up to

.512" (13 mm)  
1.024" (26 mm)



Part number	$\alpha$	Figure	h	h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	w	Semi finished insert
H117.2020.02.26	0°	C	20	20	20	150	33	26	S117.0026.02.00
H117.2525.02.26	0°	A	25	25	25	150	-	26	

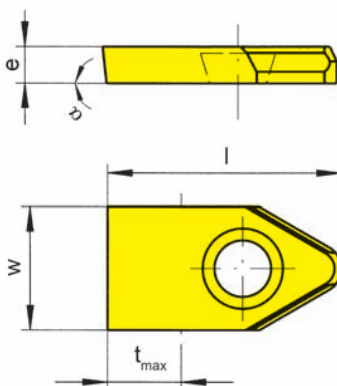
Dimensions in mm

## Spare parts

Toolholder	Screw	TORX PLUS® Wrench
H117...02.26	<b>6.17T20P</b>	<b>T20PQ</b>

## INSERT Type

# S117.0026.02.00



**Semi finished insert:** Only contact areas and main cutting edge ground.

Dimensions in mm

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder
S117.0026.02.00	0°	26	7	35	13	H117...02.26

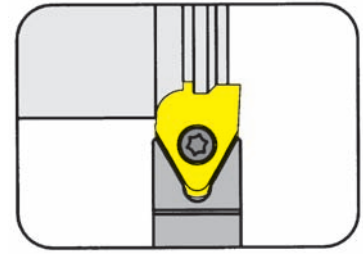
## INSERT Type

# S117

0° rake angle

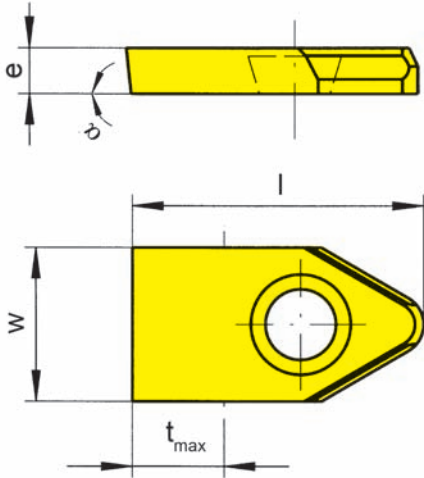
Depth of form up to  
Width of form up to

.512"  
1.024"



for use with Toolholder

Type H117...02...



### OVERVIEW Semi finished insert

Part number	$\alpha$	w	e	l	t <sub>max</sub>	Toolholder	MG12
S117.0010.02.00	0°	.394	.118	.748	.256	H117...02.10	▲
S117.0012.02.00	0°	.472	.177	.787	.295	H117...02.12	▲
S117.0016.02.00	0°	.630	.236	.945	.354	H117...02.16	▲
S117.0020.02.00	0°	.787	.276	1.260	.472	H117...02.20	▲
S117.0026.02.00	0°	1.024	.276	1.378	.512	H117...02.26	▲

- ▲ on stock    Δ 4 weeks
- main recommendation
- alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

P	○
M	●
K	●
S	●
N	●
H	●

Further sizes upon request

Dimensions in inch



Profile inserts upon request