

## R T 22. 01 W – 3.50 GM (P) (B)

1

2

3

4

5

6

7

8


9

A

Turning

Type	
Code	Description
R	Right
L	Left

1

Insert shape	
T 	Z Special

2

Insert size [mm]	
Code	I.C
11	6.35
16	9.252
22	12.70

3

Teeth per cutting edge	
Code	Description
01	1
02	2

4

B

Milling

Application	
Code	Description
W	External thread
N	Internal thread

5

Pitch			
Code	Pitch range (part profile)		
A	0,5 – 1,5 mm	48 – 16 (TPI)	
AG	0,5 – 3,0 mm	48 – 8 (TPI)	
G	1,75 – 3,0 mm	14 – 8 (TPI)	
N	3,5 – 5,0 mm	7 – 5 (TPI)	
Pitch range [mm] (full profile)			
0,50	0,75	1,00	1,25 1,50
1,75	2,00	2,50	3,00 3,50
4,00	4,50	5,00	5,50 6,00
Pitch range (TPI) (full profile)			
4	5	6	8
10	11	11,5	12
14	16	18	19
20	24	27	28

6

Thread profile	
Code	Description
GM	ISO metric coarse thread 60°
60	Partial profile 60°
55	Partial profile 55°
W	Whitworth
UN	Unified conventional thread
BSPT	Whitworth taper pipe thread
NPT	American taper pipe thread
NPTF	Dryseal American taper pipe thread
R	Knuckle thread 30°
MJ	Thread for aerospace
UNJ	Unified screw thread
TR	Metrical ISO trapezoidal thread
AC	American national thread
STAC	STUB-ACME thread
AP	API 60° thread
RD	API round thread
BUT	American buttress thread

7

C

Drilling

D

Technical Information

Chip breaker

8

Insert thickness [mm]	
Code	Description
B	Thin type

9

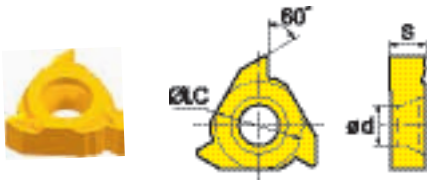
E

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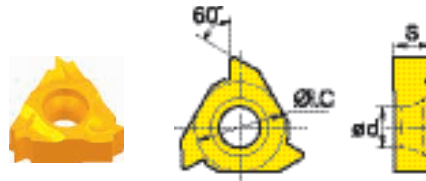
Threading Inserts

R/LT**N/W	I.C	S	d
<b>11</b>	6.35	3.18	2.8
<b>16</b>	9.525	3.97	4.4
<b>22</b>	12.7	5.56	5.5

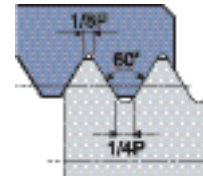
ISO metric coarse thread 60°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



ISO 965-1980 DIN 13  
GB-T 197-2003 Tolerance: 6g-6H

ISO	Pitch (T.P.i)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
11	0.50	-					LT11.01N-0.50GM	○	○		
		-					RT11.01N-0.50GM	●	○		
	0.75	-					LT11.01N-0.75GM	○	○		
		-					RT11.01N-0.75GM	●	○		
	1.00	-					LT11.01N-1.00GM	●	○		
		-					RT11.01N-1.00GM	●	●		
	1.25	-					LT11.01N-1.25GM	●	○		
		-					RT11.01N-1.25GM	●	○		
1.50	-					LT11.01N-1.50GM	●	○			
	-					RT11.01N-1.50GM	●	●			
1.75	-					LT11.01N-1.75GM	●	○			
	-					RT11.01N-1.75GM	●	○			
2.00	-					LT11.01N-2.00GM	●	○			
	-					RT11.01N-2.00GM	●	●			
16	0.50	-					LT16.01N-0.50GM	○	○		
		-					RT16.01N-0.50GM	○	○		
	0.75	-					LT16.01N-0.75GM	○	○		
		-					RT16.01N-0.75GM	○	○		
	1.00	RT16.01W-1.00GM	○	●			RT16.01N-1.00GM	○	○		
		LT16.01W-1.00GM	●	○			LT16.01N-1.00GM	●	○		
	1.25	RT16.01W-1.25GM	○	●			RT16.01N-1.25GM	○	○		
		LT16.01W-1.25GM	●	○			LT16.01N-1.25GM	●	○		
	1.50	RT16.01W-1.50GM	○	●			RT16.01N-1.50GM	○	●		
		LT16.01W-1.50GM	●	○			LT16.01N-1.50GM	●	○		
	1.75	RT16.01W-1.75GM	○	●			RT16.01N-1.75GM	○	○		
		LT16.01W-1.75GM	●	○			LT16.01N-1.75GM	●	○		
	2.00	RT16.01W-2.00GM	○	●			RT16.01N-2.00GM	○	●		
		LT16.01W-2.00GM	●	○			LT16.01N-2.00GM	●	○		
2.50	RT16.01W-2.50GM	○	●			RT16.01N-2.50GM	○	●			

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

System code > A410

Grade selection > A409

Technical info > A445

Cutting data > A444



A

Turning

B

Milling

C

Drilling

D

Technical Information

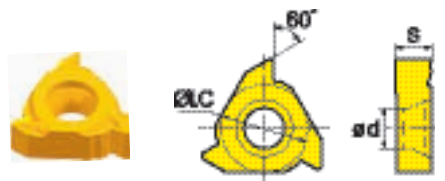
E

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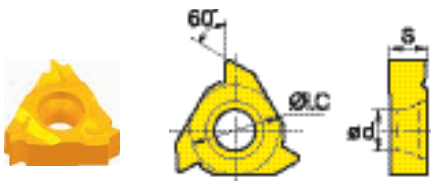
R/LT**N/W	I.C	S	d
11	6.35	3.18	2.8
16	9.525	3.97	4.4
22	12.7	5.56	5.5

## Threading Inserts

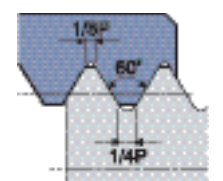
ISO metric coarse thread 60°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO 965-1980    DIN 13  
GB-T 197-2003    Tolerance: 6g-6H

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG201	YBG205						YBG201	YBG205			
16	2.5	LT16.01W-2.50GM	●	○				LT16.01N-2.50GM	●	○				
	3.00	RT16.01W-3.00GM	○	●				RT16.01N-3.00GM	○	●				
		LT16.01W-3.00GM	●	○				LT16.01N-3.00GM	●	○				
22	3.50	RT22.01W-3.50GM	○	○				RT22.01N-3.50GM	○	●				
		LT22.01W-3.50GM	●	○				LT22.01N-3.50GM	●	○				
	4.00	RT22.01W-4.00GM	○	●				RT22.01N-4.00GM	○	●				
		LT22.01W-4.00GM	●	○				LT22.01N-4.00GM	●	○				
	4.50	RT22.01W-4.50GM	○	○				RT22.01N-4.50GM	○	●				
		LT22.01W-4.50GM	○	○				LT22.01N-4.50GM	●	○				
	5.00	RT22.01W-5.00GM	○	○				RT22.01N-5.00GM	○	○				
		LT22.01W-5.00GM	●	○				LT22.01N-5.00GM	●	○				
	5.50	RT22.01W-5.50GM	○	○				RT22.01N-5.50GM	○	○				
		LT22.01W-5.50GM	○	○				LT22.01N-5.50GM	●	○				
	6.00	RT22.01W-6.00GM	○	●				RT22.01N-6.00GM	○	●				
		LT22.01W-6.00GM	●	○				LT22.01N-6.00GM	●	○				

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

Tool Holders	
SWR/L	SNR/L
	
A437	A438

System code > A410

Grade selection > A409

Technical info > A445

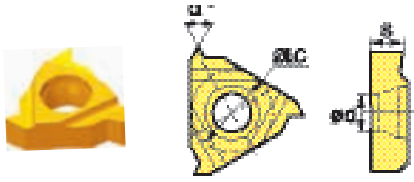
Cutting data > A444



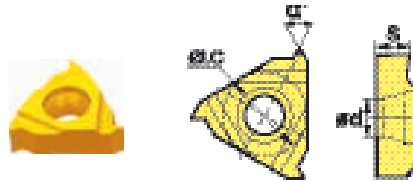
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9,525	3,97	4,4
<b>22</b>	12,7	5,56	5,5

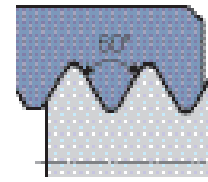
**Partial profile 60°**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO	Pitch (T.P.i)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG201	YBG205					YBG201	YBG205				
16	0,50-1,50	RT16.01W-A60	○	●				RT16.01N-A60	○	○				
		LT16.01W-A60	●	○				LT16.01N-A60	●	○				
	0,50-3,00	RT16.01W-AG60	○	●				RT16.01N-AG60	○	○				
		LT16.01W-AG60	●	○				LT16.01N-AG60	●	●				
	1,75-3,00	RT16.01W-G60	○	○				RT16.01N-G60	○	○				
		LT16.01W-G60	●	○				LT16.01N-G60	○	○				
		RT16.01W-G60P*	○	○				RT16.01N-G60P*	○	○				
22	3,50-5,00	-					RT22.01N-N60	○	○					
		-					LT22.01N-N60	○	○					
		RT22.01W-N60P*	○	●				RT22.01N-N60P*	○	●				
		LT22.01W-N60P*	○	○				LT22.01N-N60P*	○	○				

● Ex Stock ○ On demand

P\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

**Tool Holders**

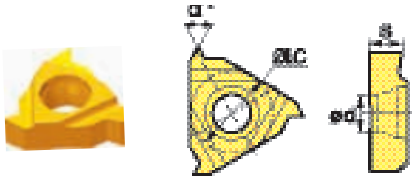
SWR/L	SNR/L
	
A437	A438



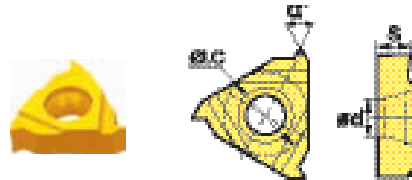
R/LT**N/W	I.C	S	d
<b>16</b>	9,525	3,97	4,4
<b>22</b>	12,7	5,56	5,5

## Threading Inserts

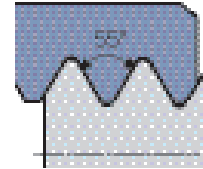
Partial profile 55°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO	Pitch (T.P.i)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG201	YBG205						YBG201	YBG205			
16	0,50-1,50	RT16.01W-A55	○	○				RT16.01N-A55	○	○				
		LT16.01W-A55	●	○				LT16.01N-A55	○	○				
	0,50-3,00	RT16.01W-AG55	○	●				RT16.01N-AG55	○	●				
		LT16.01W-AG55	○	○				LT16.01N-AG55	●	○				
	1,75-3,00	RT16.01W-G55	○	○				RT16.01N-G55	○	○				
		LT16.01W-G55	●	○				LT16.01N-G55	○	○				
RT16.01W-G55P*		○	○				RT16.01N-G55P*	○	○					
	LT16.01W-G55P*	●	○				LT16.01N-G55P*	○	○					
22	3,50-5,00	-					RT22.01N-N55	○	○					
		-					LT22.01N-N55	○	○					
		RT22.01W-N55P*	○					RT22.01N-N55P*	○					

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

P\*: Inserts with chip-breakers

### Tool Holders

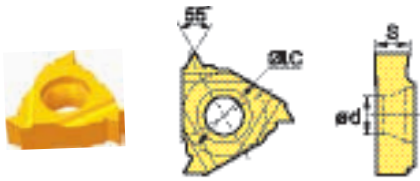
SWR/L	SNR/L
	
A437	A438



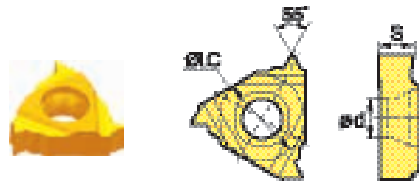
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

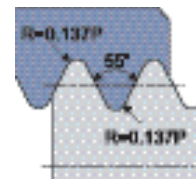
**Whitworth**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO 228-1:1982 DIN 259. B.S.84: 1956  
Tolerance: Medium class 1

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)				
			YBG201	YBG205					YBG201	YBG205			
16	8.00	RT16.01W-8W	○	○				RT16.01N-8W	○	○			
		LT16.01W-8W	●	○				LT16.01N-8W	●	○			
	9.00	RT16.01W-9W	○	○				RT16.01N-9W	○	○			
		LT16.01W-9W	○	○				LT16.01N-9W	○	○			
	10.00	RT16.01W-10W	○	○				RT16.01N-10W	○	○			
		LT16.01W-10W	○	○				LT16.01N-10W	○	○			
	11.00	RT16.01W-11W	○	●				RT16.01N-11W	○	●			
		LT16.01W-11W	●	○				LT16.01N-11W	○	○			
	12.00	RT16.01W-12W	○	○				RT16.01N-12W	○	○			
		LT16.01W-12W	○	○				LT16.01N-12W	○	○			
	14.00	RT16.01W-14W	○	●				RT16.01N-14W	○	●			
		LT16.01W-14W	●	○				LT16.01N-14W	○	○			
	16.00	RT16.01W-16W	○	●				RT16.01N-16W	○	●			
		LT16.01W-16W	○	○				LT16.01N-16W	○	○			

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
A437	A438



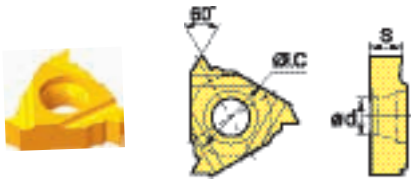
A

## Threading Inserts

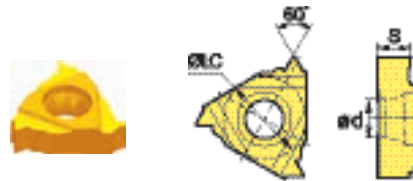
R/LT**N/W	I.C	S	d
16	9.525	3.97	4.4

Turning

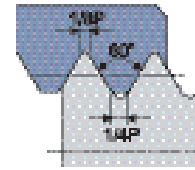
### UN unified conventional thread



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



AS/E B1.1-1989  
Tolerance: 2A-2B

B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)						
			YBG201	YBG205					YBG201	YBG205					
16	8.00	RT16.01W-8UN	○	○					RT16.01N-8UN	○	○				
		LT16.01W-8UN	○	○					LT16.01N-8UN	○	○				
	10.00	RT16.01W-10UN	○	○					RT16.01N-10UN	○	○				
		LT16.01W-10UN	○	○					LT16.01N-10UN	○	○				
	12.00	RT16.01W-12UN	○	○					RT16.01N-12UN	○	○				
		LT16.01W-12UN	○	○					LT16.01N-12UN	○	○				
	14.00	RT16.01W-14UN	○	○					RT16.01N-14UN	○	○				
		LT16.01W-14UN	○	○					LT16.01N-14UN	○	○				
	16.00	RT16.01W-16UN	○	○					RT16.01N-16UN	○	○				
		LT16.01W-16UN	○	○					LT16.01N-16UN	○	○				
	18.00	RT16.01W-18UN	○	○					RT16.01N-18UN	○	○				
		LT16.01W-18UN	○	○					LT16.01N-18UN	○	○				
	20.00	RT16.01W-20UN	○	○					RT16.01N-20UN	○	○				
		LT16.01W-20UN	○	○					LT16.01N-20UN	○	○				
	24.00	-							LT16.01N-24UN	○	○				
		-							RT16.01N-24UN	○	○				

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide



C

Drilling

D

Technical Information

### Tool Holders

SWR/L	SNR/L
	
A437	A438

E

Index

System code > A410

Grade selection > A409

Technical info > A445

Cutting data > A444



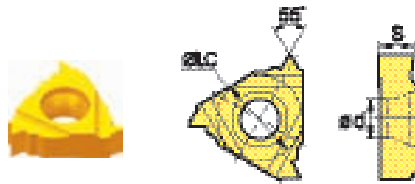
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

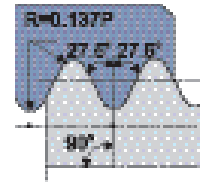
**BSPT Whitworth taper pipe thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO 7-1:1984 B.S.21:1985  
Standard BSPT

ISO	Pitch (T.P.i)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	11.00	RT16.01W-11BSPT	○	○			RT16.01N-11BSPT	○	○		
		LT16.01W-11BSPT	●	○			LT16.01N-11BSPT	○	○		
	14.00	RT16.01W-14BSPT	○	○			RT16.01N-14BSPT	○	○		
		LT16.01W-14BSPT	○	○			LT16.01N-14BSPT	○	○		
	19.00	RT16.01W-19BSPT	○	○			RT16.01N-19BSPT	○	○		
		LT16.01W-19BSPT	○	○			LT16.01N-19BSPT	○	○		
	28.00	RT16.01W-28BSPT	○	○			RT16.01N-28BSPT	○	○		
		LT16.01W-28BSPT	○	○			LT16.01N-28BSPT	○	○		

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
A437	A438



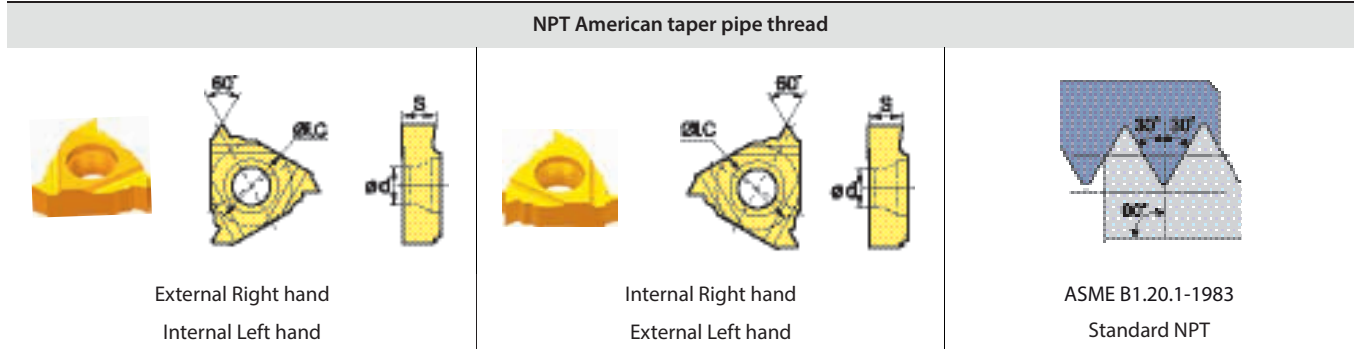


A

## Threading Inserts

R/LT**N/W	I.C	S	d
16	9.525	3.97	4.4

Turning



B

Milling



ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)						
			YBG201	YBG205						YBG201	YBG205				
16	8.00	RT16.01W-8NPT	○	○					RT16.01N-8NPT	○	○				
		LT16.01W-8NPT	○	○					LT16.01N-8NPT	○	○				
	11.50	RT16.01W-11.5NPT	○	○					RT16.01N-11.5NPT	○	○				
		LT16.01W-11.5NPT	○	○					LT16.01N-11.5NPT	○	○				
	14.00	RT16.01W-14NPT	○	○					RT16.01N-14NPT	○	○				
		LT16.01W-14NPT	○	○					LT16.01N-14NPT	○	○				
	18.00	RT16.01W-18NPT	○	○					RT16.01N-18NPT	○	○				
		LT16.01W-18NPT	○	○					LT16.01N-18NPT	○	○				
27.00	RT16.01W-27NPT	○	○					RT16.01N-27NPT	○	○					
	LT16.01W-27NPT	○	○					LT16.01N-27NPT	○	○					

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

C

Drilling

Tool Holders	
SWR/L	SNR/L
	
A437	A438

D

Technical Information

E

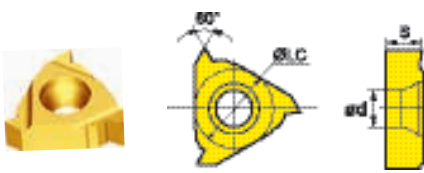
Index



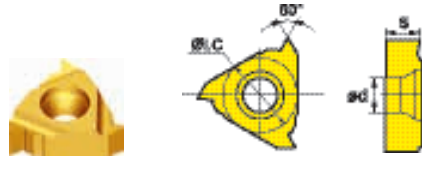
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

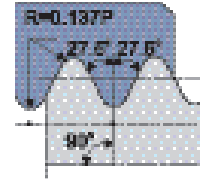
**NPTF dryseal American taper pipe thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ANSI B1.20.1-1983  
Tolerance: 2

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	8.00	RT16.01W-8NPTF	○	○			RT16.01N-8NPTF	○	○		
	11.50	RT16.01W-11.5NPTF	○	○			RT16.01N-11.5NPTF	○	○		
	14.00	RT16.01W-14NPTF	○	○			RT16.01N-14NPTF	○	○		
	18.00	RT16.01W-18NPTF	○	○			RT16.01N-18NPTF	○	○		
	27.00	RT16.01W-27NPTF	○	○			RT16.01N-27NPTF	○	○		

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
A437	A438

System code > A410

Grade selection > A409

Technical info > A445

Cutting data > A444



A

## Threading Inserts

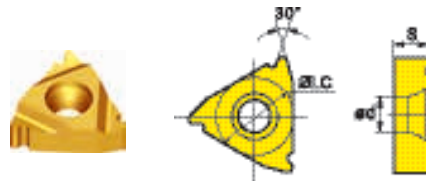
R/LT**N/W	I.C	S	d
16	9.525	3.97	4.4

Turning

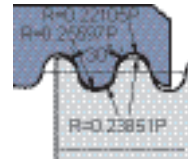
R knuckle thread 30°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



DIN 405  
Tolerance: 7

B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	6.00	RT16.01W-6R	○	○			RT16.01N-6R	○	●		
	8.00	RT16.01W-8R	○	●			RT16.01N-8R	○	●		
	10.00	RT16.01W-10R	○	○			RT16.01N-10R	○	●		



● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

C

Drilling

### Tool Holders

SWR/L	SNR/L
	
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Technical Information

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System code > A410

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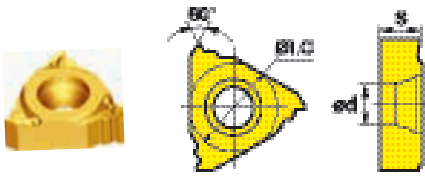
Cutting data > A444



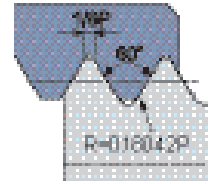
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

**MJ thread for aerospace**



External Right hand  
Internal Left hand





ISO 5855-1999  
Tolerance: 4

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	1.50	RT16.01W-1.50MJ	○	○			-				
	2.00	RT16.01W-2.00MJ	○	○			-				

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
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**A**

Turning

**B**

Milling

**C**

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**D**

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System code > A410

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Technical info > A445

Cutting data > A444



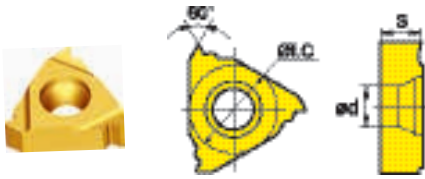
A

## Threading Inserts

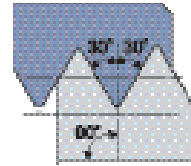
R/LT**N/W	I.C	S	d
16	9.525	3.97	4.4

Turning

### UNJ unified screw thread



External Right hand  
Internal Left hand



ISO 3161-1999  
Tolerance: 3A

B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG201	YBG205										
16	8.00	RT16.01W-8UNJ	○	○				-						
	10.00	RT16.01W-10UNJ	○	○				-						
	12.00	RT16.01W-12UNJ	○	○				-						
	14.00	RT16.01W-14UNJ	○	○				-						
	16.00	RT16.01W-16UNJ	○	○				-						
	18.00	RT16.01W-18UNJ	○	○				-						
	20.00	RT16.01W-20UNJ	○	○				-						
	24.00	RT16.01W-24UNJ	○	○				-						
	28.00	RT16.01W-28UNJ	○	○				-						
	32.00	RT16.01W-32UNJ	○	○				-						



● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

C

Drilling

### Tool Holders

SWR/L	SNR/L
	
A437	A438

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System code > A410

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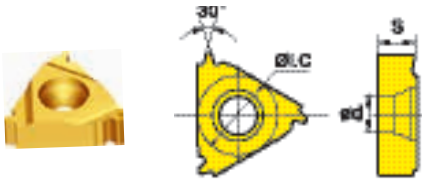
Cutting data > A444



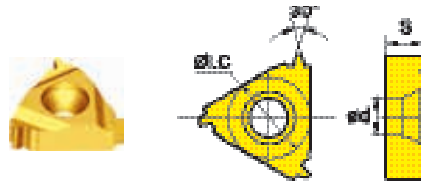
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

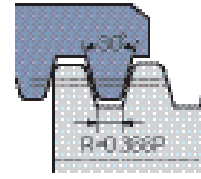
**TR metrical ISO trapezoidal thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand




ISO 2901-2904  
Tolerance: 7

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	1.50	RT16.01W-1.50TR	○ ●				RT16.01N-1.50TR	○ ○			
	2.00	RT16.01W-2.00TR	○ ●				RT16.01N-2.00TR	○ ○			
	3.00	RT16.01W-3.00TR	○ ○				RT16.01N-3.00TR	○ ●			

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
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**A**

Turning

**B**

Milling

**C**

Drilling

**D**

Technical Information

**E**

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Cutting data > A444



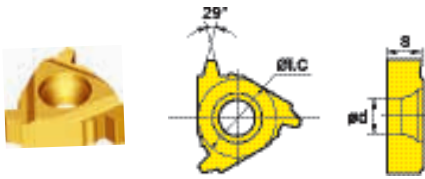
A

## Threading Inserts

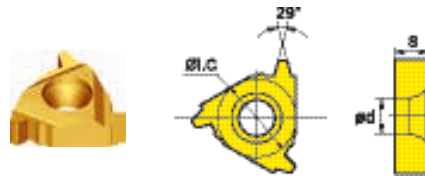
R/LT**N/W	I.C	S	d
16	9.525	3.97	4.4

Turning

### ACME American national thread



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



ANSI B1.5-1988  
Tolerance: 2G

B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	8.00	RT16.01W-8AC	○	○			RT16.01N-8AC	○	○		
	10.00	RT16.01W-10AC	○	○			RT16.01N-10AC	○	○		
	12.00	RT16.01W-12AC	○	○			RT16.01N-12AC	○	○		
	14.00	RT16.01W-14AC	○	○			RT16.01N-14AC	○	○		
	16.00	RT16.01W-16AC	○	○			RT16.01N-16AC	○	○		



● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

C

Drilling

### Tool Holders

SWR/L	SNR/L
	
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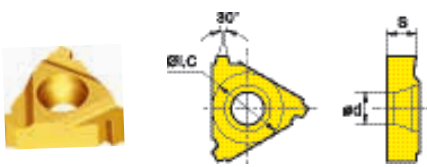
Cutting data > A444



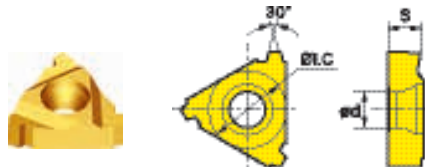
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4

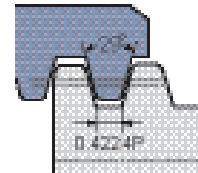
**STUB-ACME thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ANSI B1.8-1988  
Tolerance: 2G / API Standard

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
16	8.00	RT16.01W-8STAC	○	○			RT16.01N-8STAC	○	○		
	10.00	RT16.01W-10STAC	○	○			RT16.01N-10STAC	○	○		
	12.00	RT16.01W-12STAC	○	○			RT16.01N-12STAC	○	○		
	14.00	RT16.01W-14STAC	○	○			RT16.01N-14STAC	○	○		
	16.00	RT16.01W-16STAC	○	○			RT16.01N-16STAC	○	○		

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
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Technical info > A445

Cutting data > A444





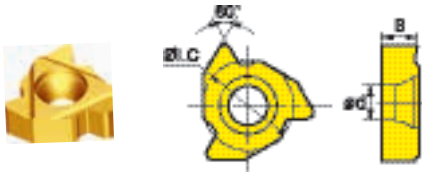
A

## Threading Inserts

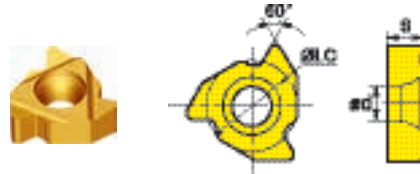
R/LT**N/W	I.C	S	d
22	12,7	5,56	5,5

Turning

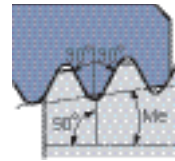
### API 60° thread



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



Me = taper, 2i.p.f--4°46', 3i.p.f--7°01'  
API SPEC7:1990 Tolerance: API Standard

B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG201	YBG205				YBG201	YBG205		
22	4.00	RT22.01W-4AP382	○	○			RT22.01N-4AP382	○	○		
		RT22.01W-4AP383	○	○			RT22.01N-4AP383	○	○		
		RT22.01W-4AP502	○	○			RT22.01N-4AP502	○	○		
		RT22.01W-4AP503	○	○			RT22.01N-4AP503	○	○		
	5.00	RT22.01W-5AP403	○	○			RT22.01N-5AP403	○	○		

● Ex Stock ○ On demand



PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

C

Drilling

### Tool Holders

SWR/L	SNR/L
	
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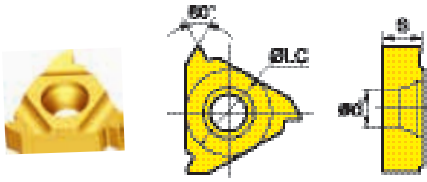
Cutting data > A444



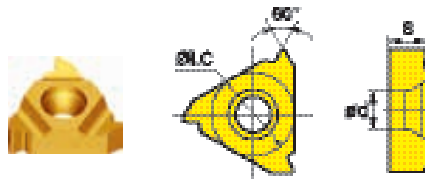
**Threading Inserts**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.97	4.4
<b>22</b>	12.7	5.56	5.5

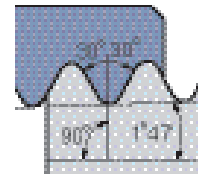
**API round thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





API spec. 5B  
Tolerance: API RD

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)				
			YBG201	YBG205						YBG201	YBG205		
16	8.00	RT16.01W-8RD	○	○				RT16.01N-8RD	○	○			
	10.00	RT16.01W-10RD	○	○				RT16.01N-10RD	○	○			
22	8.00	RT22.01W-8RD	○	○				RT22.01N-8RD	○	○			
	10.00	RT22.01W-10RD	○	○				RT22.01N-10RD	○	○			

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR/L	SNR/L
	
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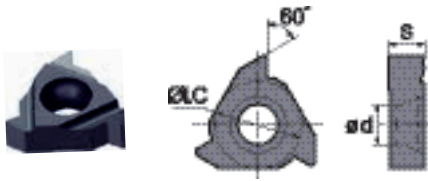




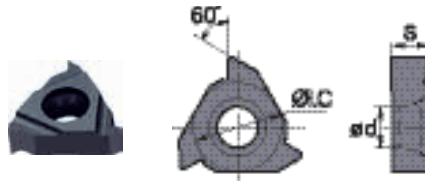
**Threading Inserts (Thin Type)**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.52	4

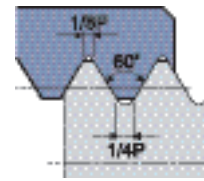
ISO metric coarse thread 60°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO 965-1980, DIN 13, GB/T 197-2003  
Tolerance: 6g/6H

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG202	YBG205					YBG202	YBG205				
16	0,50	RT16.01W-0.50GMB	●	○				RT16.01N-0.50GMB	●	○				
	0,75	RT16.01W-0.75GMB	●	○				RT16.01N-0.75GMB	●	○				
	1,00	RT16.01W-1.00GMB	●	○				RT16.01N-1.00GMB	●	●				
	-	-						RT16.01N-1.00GMPB*	●	●				
	1,25	RT16.01W-1.25GMB	●	●				RT16.01N-1.25GMB	●	●				
	1,50	RT16.01W-1.50GMB	●	○				RT16.01N-1.50GMB	●	○				
		RT16.01W-1.50GMPB*	●	●				-						
	1,75	RT16.01W-1.75GMB	●	●				RT16.01N-1.75GMB	○	●				
	2,00	RT16.01W-2.00GMB	●	○				RT16.01N-2.00GMB	●	○				
		-	-					RT16.01N-2.00GMPB*	●	●				
2,50	RT16.01W-2.50GMB	●	○				RT16.01N-2.50GMB	●	○					
3,00	RT16.01W-3.00GMB	●	○				RT16.01N-3.00GMB	●	○					
	-	-					RT16.01N-3.00GMPB*	●	●					

● Ex Stock ○ On demand  
PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR	SNR
	
A441	A442

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Turning

B

Milling

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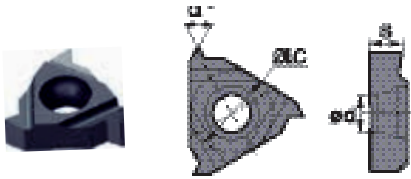
A

## Threading Inserts (Thin Type)

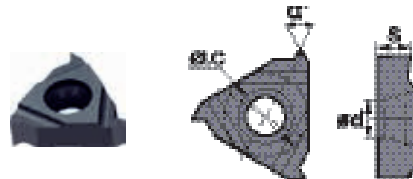
R/LT**N/W	I.C	S	d
16	9.525	3.52	4

Turning

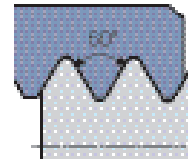
Partial profile 60°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)					
			YBG202	YBG205					YBG202	YBG205				
16	0,50 - 1,50	RT16.01W-A60B	●	○				RT16.01N-A60B	●	○				
	0,50 - 3,00	RT16.01W-AG60B	●	○				RT16.01N-AG60B	●	○				
		RT16.01W-AG60PB*	●	●				-						
	1,75 - 3,00	RT16.01W-G60B	●	○				RT16.01N-G60B	●	○				

● Ex Stock ○ On demand



HC<sup>1</sup> Coated carbide

PB\*: Inserts with chip-breakers

C

Drilling

### Tool Holders

SWR	SNR
	
A441	A442

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Technical Information

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System code > A410

Grade selection > A409

Technical info > A445

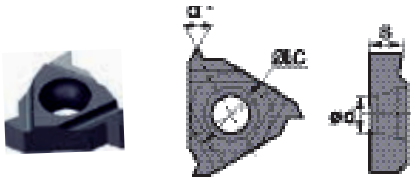
Cutting data > A444



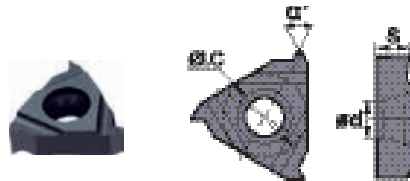
**Threading Inserts (Thin Type)**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.52	4

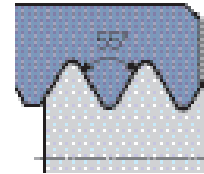
Partial profile 55°



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)						Internal	HC <sup>1</sup> (PVD)							
			YBG202	YBG205						YBG202	YBG205						
16	0,50 - 1,50	RT16.01W-A55B	●	○					RT16.01N-A55B	●	○						
	0,50 - 3,00	RT16.01W-AG55B	●	○					RT16.01N-AG55B	●	○						
		RT16.01W-AG55PB*	●	○													
	1,75 - 3,00	RT16.01W-G55B	●	○					RT16.01N-G55B	●	○						

● Ex Stock ○ On demand

PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR	SNR
	
A441	A442



A

Turning

B

Milling

C

Drilling

D

Technical Information

E

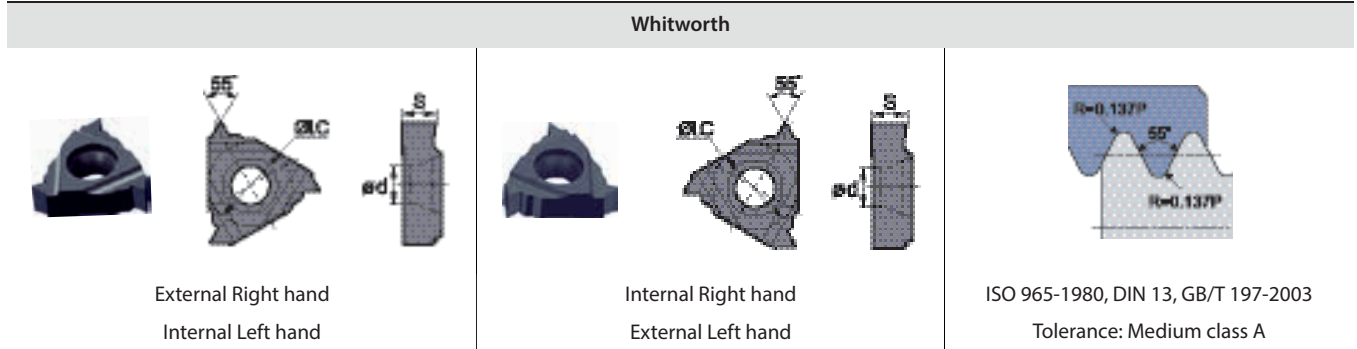
Index

A

## Threading Inserts (Thin Type)

R/LT**N/W	I.C	S	d
16	9.525	3.52	4

Turning



B

Milling

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)				
			YBG202	YBG205					YBG202	YBG205			
16	8,00	RT16.01W-8WB	●	○				RT16.01N-8WB	○	○			
	9,00	RT16.01W-9WB	●	○				RT16.01N-9WB	○	○			
	10,00	RT16.01W-10WB	●	○				RT16.01N-10WB	●	○			
	11,00	RT16.01W-11WB	●	○				RT16.01N-11WB	●	○			
	-							RT16.01N-11WPB*	●	●			
	12,00	RT16.01W-12WB	●	○				RT16.01N-12WB	●	○			
	14,00	RT16.01W-14WB	●	○				RT16.01N-14WB	○	○			
	-						RT16.01N-14WPB*	●	●				
	16,00	RT16.01W-16WB	●	○				RT16.01N-16WB	○	○			

C

Drilling



● Ex Stock ○ On demand  
PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

D

Technical Information

### Tool Holders

SWR	SNR
	
A441	A442

E

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System code > A410

Grade selection > A409

Technical info > A445

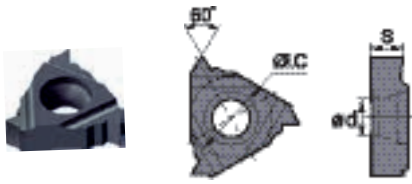
Cutting data > A444



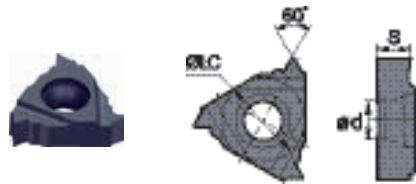
**Threading Inserts (Thin Type)**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.52	4

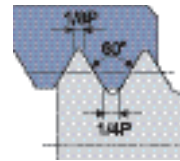
UN unified conventional thread



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand





ASME B1.1-1989  
Tolerance: 2A/2B

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)				
			YBG202	YBG205					YBG202	YBG205			
16	8.00	RT16.01W-8UNB	●	○				RT16.01N-8UNB	●	○			
	10.00	RT16.01W-10UNB	●	○				RT16.01N-10UNB	●	○			
	12.00	RT16.01W-12UNB	●	○				RT16.01N-12UNB	●	○			
	14.00	RT16.01W-14UNB	●	○				RT16.01N-14UNB	●	○			
	16.00	RT16.01W-16UNB	●	○				RT16.01N-16UNB	●	○			
	18.00	RT16.01W-18UNB	○	○				RT16.01N-18UNB	●	○			
	20.00	RT16.01W-20UNB	●	○				RT16.01N-20UNB	○	○			
	24.00	-						RT16.01N-24UNB	○	○			

● Ex Stock ○ On demand

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR	SNR
	
A441	A442





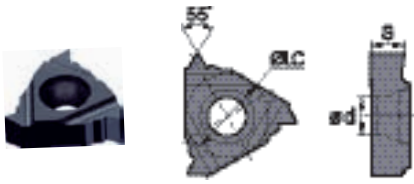
A

## Threading Inserts (Thin Type)

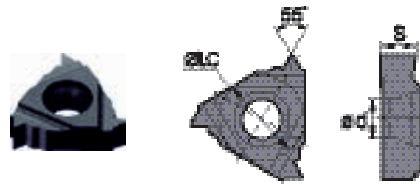
R/LT**N/W	I.C	S	d
16	9.525	3.52	4

Turning

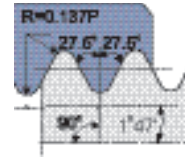
### BSPT Whitworth taper pipe thread



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



ASME B.1.1-1989  
Standard BSPT

B

Milling

ISO	Pitch (T.P.i)	External	HC <sup>1</sup> (PVD)				Internal	HC <sup>1</sup> (PVD)			
			YBG202	YBG205				YBG202	YBG205		
16	11,00	RT16.01W-11BSPTB	●	○			RT16.01N-11BSPTB	○	○		
	14,00	RT16.01W-14BSPTB	●	○			RT16.01N-14BSPTB	○	○		
		RT16.01W-14BSPTPB*	○	●			RT16.01N-14BSPTPB*	○	●		
	19,00	RT16.01W-19BSPTB	●	○			RT16.01N-19BSPTB	○	○		
	28,00	RT16.01W-28BSPTB	○	○			RT16.01N-28BSPTB	○	○		

● Ex Stock ○ On demand



PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

C

Drilling

### Tool Holders

SWR	SNR
	
A441	A442

D

Technical Information

E

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System code > A410

Grade selection > A409

Technical info > A445

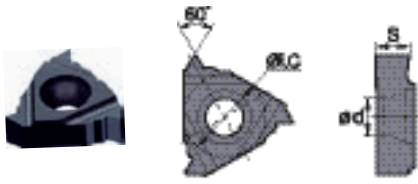
Cutting data > A444



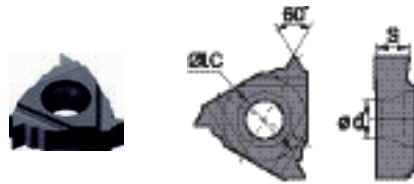
**Threading Inserts (Thin Type)**

R/LT**N/W	I.C	S	d
<b>16</b>	9.525	3.52	4

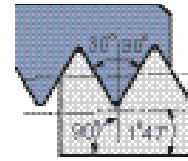
**NPT American taper pipe thread**



External Right hand  
Internal Left hand



Internal Right hand  
External Left hand



ASME B1.20.1-1983  
Standard NPT

ISO	Pitch (T.Pi)	External	HC <sup>1</sup> (PVD)					Internal	HC <sup>1</sup> (PVD)				
			YBG202	YBG205						YBG202	YBG205		
16	8,00	RT16.01W-8NPTB	●	○				RT16.01N-8NPTB	●	○			
	11,50	RT16.01W-11.5NPTB	●	○				RT16.01N-11.5NPTB	●	○			
		-						RT16.01N-11.5NPTPB*	○	●			
	14,00	RT16.01W-14NPTB	○	●				RT16.01N-14NPTB	●	○			
		-						RT16.01N-14NPTPB*	○	●			
	18,00	RT16.01W-18NPTB	●	○				RT16.01N-18NPTB	○	○			
27,00	RT16.01W-27NPTB	○	○				RT16.01N-27NPTB	○	○				

● Ex Stock ○ On demand

PB\*: Inserts with chip-breakers

HC<sup>1</sup> Coated carbide

**Tool Holders**

SWR	SNR
	
A441	A442

System code > A410

Grade selection > A409

Technical info > A445

Cutting data > A444

