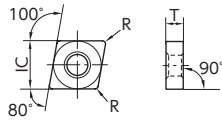


Item Number	IC	T
CN_1204_	12.7	4.76

<80 degree Rhombic Negative type>



- Steel P
- Stainless Steel M
- Cast Iron K
- Non-Ferrous Material N
- Heat Resistant Alloy S
- Hardened Material H

- : 1st Choice
- : 2nd choice

Shape	ISO Item Number	Inch Item Number	R	Ceramics																For applicable holder, see pages:				
				BIDEMICS		Alumina-based							Silicon nitride-based					Whisker-based						
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5						
	CNGA 120404 S02025	CNGA431-SNF	0.4									●												
	120404 T01025	431-TN	0.4									●												
	120404 Z02025	431-ZNF	0.4																					
	120408 S02025	432-SNF	0.8										●											
	120408 T00520	—	0.8																				●	
	120408 T01020	—	0.8																				●	
	120408 T01025	432-TN	0.8																				●	
	120408 T02020	—	0.8																					
	120408 T02025	432-TNF	0.8																					
	120408 Z02025	432-ZNF	0.8																					
	120412 S02025	433-SNF	1.2																					
	120412 T00520	—	1.2																					
	120412 T01020	—	1.2																					
	120412 T01025	433-TN	1.2																					
	120412 T02020	—	1.2																					
	120412 T02025	433-TNF	1.2																					
	120416 T00520	—	1.6																					
	120416 T01020	—	1.6																					
	120416 T02020	—	1.6																					
120416 T02025	434-TNF	1.6																						
	CNGA 120408 WL T01025	CNGA432WL-TN	0.8																					
	120412 WL T01025	433WL-TN	1.2																					
	CNGG 120408 Z01030 AG	CNGG432-ZNCGAG	0.8																					
	120412 Z01030 AG	433-ZNCGAG	1.2																					

- F9
- F11
- G40
- K34

- F9
- K34

- F9
- F11
- G40
- K34

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

BIDEMICS • Ceramic

Negative type  
Positive type  
C  
D  
E  
R  
S  
T  
V  
W  
For Machining Mill rolls

Item Number	IC	T
<b>CN_1204_</b>	12.7	4.76
<b>CN_1207_</b>	12.7	7.94
<b>CN_1607_</b>	15.875	7.94

## <80 degree Rhombic Negative type>

Shape	ISO Item Number	Inch Item Number	R	Materials												For applicable holder, see pages:		
				BIDEMICS		Ceramics							Whisker-based					
				JX1	JX3	Alumina-based	Silicon nitride-based				Whisker-based							
				Steel	P													
				Stainless Steel	M													
				Cast Iron	K													
				Non-Ferrous Material	N													
				Heat Resistant Alloy	S													
				Hardened Material	H													



● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

- New Products
- Tool Materials / Selection Guide
- BIDEMICS, PCD, CBN and Ceramics
- Micrograin Carbide, PVD-Coated Carbide
- Insert Item List
- General Turning Toolholders
- Unique Swiss Tooling
- Grooving / Side Turning
- Threading
- Shaper
- ID Tooling
- Application Introduction
- Endmills
- Rotating Tools
- Information
- Index

Item Number	IC	T
DN_1504_	12.7	4.76
DN_1507_	12.7	7.94

## <55 degree Rhombic Negative type>

Shape	ISO Item Number	Inch Item Number	R	Ceramics															For applicable holder, see pages:	
				Alumina-based							Silicon nitride-based					Whisker-based				
				BIDEMICS																
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5		
	<b>DNGA 150404 S02025</b>	<b>DNGA431-SNF</b>	0.4																	<div style="display: flex; flex-direction: column; gap: 5px;"> <span style="background-color: #e0f2f1; padding: 2px;">F13</span> <span style="background-color: #e0f2f1; padding: 2px;">F15</span> <span style="background-color: #e0f2f1; padding: 2px;">G41</span> <span style="background-color: #e0f2f1; padding: 2px;">K35</span> </div>
	<b>150404 T01025</b>	<b>431-TN</b>	0.4					●		●	●									
	<b>150404 Z02025</b>	<b>431-ZNF</b>	0.4						●											
	<b>150408 S02025</b>	<b>432-SNF</b>	0.8					●			●									
	<b>150408 T00520</b>	—	0.8													●		●		
	<b>150408 T01020</b>	—	0.8														●			
	<b>150408 T01025</b>	<b>432-TN</b>	0.8					●		●	●									
	<b>150408 T02020</b>	—	0.8										●							
	<b>150408 T02025</b>	<b>432-TNF</b>	0.8													●				
	<b>150408 Z02025</b>	<b>432-ZNF</b>	0.8						●											
	<b>150412 S02025</b>	<b>433-SNF</b>	1.2								●									
	<b>150412 T01020</b>	—	1.2														●	●		
	<b>150412 T01025</b>	<b>433-TN</b>	1.2					●			●									
	<b>150412 T02020</b>	—	1.2										●							
<b>150412 T02025</b>	<b>433-TNF</b>	1.2													●					
	<b>DNGN 150404 T01025</b>	<b>DNGN431-TN</b>	0.4					●											<div style="display: flex; flex-direction: column; gap: 5px;"> <span style="background-color: #e0f2f1; padding: 2px;">F13</span> <span style="background-color: #e0f2f1; padding: 2px;">F15</span> </div>	
	<b>150408 S02025</b>	<b>432-SNF</b>	0.8								●									
	<b>150408 T01025</b>	<b>432-TN</b>	0.8							●	●									
	<b>150408 Z02025</b>	<b>432-ZNF</b>	0.8						●											
	<b>150412 T00520</b>	—	1.2														●			
	<b>150412 T02025</b>	<b>433-TNF</b>	1.2															●		
	<b>DNGG 150408 Z01030 AG</b>	<b>DNGG432-ZNCGAG</b>	0.8								●								<div style="display: flex; flex-direction: column; gap: 5px;"> <span style="background-color: #e0f2f1; padding: 2px;">F13</span> <span style="background-color: #e0f2f1; padding: 2px;">F15</span> <span style="background-color: #e0f2f1; padding: 2px;">G41</span> <span style="background-color: #e0f2f1; padding: 2px;">K35</span> </div>	
	<b>150412 Z01030 AG</b>	<b>433-ZNCGAG</b>	1.2								●									
	<b>DNGX 150716 T02025</b>	—	1.6													●			<div style="display: flex; flex-direction: column; gap: 5px;"> <span style="background-color: #e0f2f1; padding: 2px;">F13</span> <span style="background-color: #e0f2f1; padding: 2px;">F15</span> <span style="background-color: #e0f2f1; padding: 2px;">K35</span> </div>	

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

## <75 degree Rhombic Negative type>

Item Number	IC	T
EN_1307_	12.7	7.94

Shape	ISO Item Number	Inch Item Number	R	Ceramics															For applicable holder, see pages:
				Alumina-based							Silicon nitride-based					Whisker-based			
				BIDEMICS															
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5	
	<b>ENGN 130708 T02025</b>	<b>ENGN452-TN</b>	0.8					●											—
	<b>130712 T02025</b>	<b>453-TN</b>	1.2					●											

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

Item Number	IC	T
<b>RN_1204_</b>	12.7	4.76
<b>RN_1207_</b>	12.7	7.94
<b>RN_1507_</b>	15.875	7.94
<b>RN_1907_</b>	19.05	7.94
<b>RN_2507_</b>	25.4	7.94

## <Round Negative type>

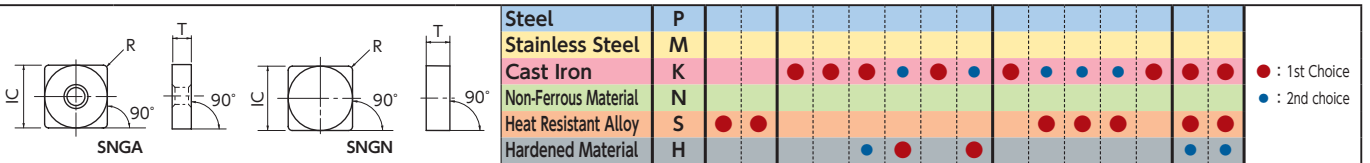
Shape	ISO Item Number	Inch Item Number	R	Ceramics															For applicable holder, see pages:		
				BIDEMICS		Alumina-based							Silicon nitride-based				Whisker-based				
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	HC7	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5		
	<b>RNGN 120400 S02025</b>	<b>RNGN430-SNF</b>	-									●									<div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block; background-color: #e0ffe0;">F30</div> <div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block; background-color: #e0ffe0;">N9</div> <div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block; background-color: #e0ffe0;">L23</div> <div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block; background-color: #e0ffe0;">L30</div>
	<b>120400 T00520</b>	—	-													●				●	
	<b>120400 T00820</b>	—	-																	●	
	<b>120400 T00525</b>	<b>430-TNB</b>	-														●			●	
	<b>120400 T01020</b>	—	-														●			●	
	<b>120400 T01025</b>	<b>430-TN</b>	-					●					●								
	<b>120400 T02020</b>	—	-											●							
	<b>120400 T02025</b>	<b>430-TNF</b>	-															●			
	<b>120400 Z02025</b>	<b>430-ZNF</b>	-						●												
	<b>RNGN 120700 E002</b>	—	-															●			
	<b>120700 E004</b>	—	-		●	●										●	●				
	<b>120700 E007</b>	<b>RNGN450-ENC</b>	-					●													
	<b>120700 S02025</b>	<b>450-SNF</b>	-										●								
	<b>120700 T00520</b>	—	-														●			●	
	<b>120700 T00525</b>	<b>450-TNB</b>	-														●			●	
	<b>120700 T00820</b>	—	-		●	●									●					●	
	<b>120700 T01020</b>	—	-																	●	
	<b>120700 T02025</b>	<b>450-TN</b>	-					●					●								
	<b>120700 Z01520</b>	—	-																	●	
	<b>120700 Z02025</b>	<b>450-ZNF</b>	-						●												
<b>120700 K20015</b>	—	-										★							★		
<b>RNGN 150700 T00520</b>	—	-															●				
<b>150700 T00525</b>	<b>RNGN550-TNB</b>	-															●		●		
<b>150700 T00820</b>	—	-																	●		
<b>RNGN 190700 T00520</b>	—	-															●				
<b>190700 T00525</b>	<b>RNGN650-TNB</b>	-															●				
<b>190700 T00820</b>	—	-																	●		
<b>190700 T01020</b>	—	-																	●		
<b>190700 K20015</b>	—	-																	●		
<b>RNGN 250700 T00520</b>	—	-															●		●		
<b>250700 T00820</b>	—	-																	●		

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

- New Products
- Tool Materials / Selection Guide
- BIDEMICS, PCD, Micrograin Carbide, PVD Coated Carbide
- Micrograin Carbide, PVD Coated Carbide
- Insert Item List
- General Turning Toolholders
- Unique Swiss Tooling
- Grooving / Side Turning
- Threading
- Shaper
- ID Tooling
- Application Introduction
- Endmills
- Rotating Tools
- Information
- Index

Item Number	IC	T
SN_0903_	9.525	3.18
SN_0904_	9.525	4.76
SN_1204_	12.7	4.76

## <90 degree Square Negative type>



Shape	ISO Item Number	Inch Item Number	R	Ceramics												For applicable holder, see pages:				
				BIDEMICS		Alumina-based					Silicon nitride-based				Whisker-based					
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9		SP9	WA1	WA5	
	SNGA 120408 S02025	SNGA432-SNF	0.8										●							F17 F19 K36
	120408 T01025	432-TN	0.8										●							
	120408 T02020	—	0.8										●							
	120412 S02025	433-SNF	1.2										●							
	120412 T01025	433-TN	1.2										●							
	120412 T02020	—	1.2										●							
	120416 T02020	—	1.6										●							
	SNGN 090308 T01025	SNGN322-TN	0.8					●												—
	090316 T01025	324-TN	1.6			●		●												
	SNGN 090408 T01025	SNGN332-TN	0.8					●												
	SNGN 120404 T01025	SNGN431-TN	0.4					●												
	120408 S02025	432-SNF	0.8										●							
	120408 T00520	—	0.8															●		
	120408 T00820	—	0.8															●		
	120408 T01020	—	0.8															●		
	120408 T01025	432-TN	0.8			●		●		●	●							●		
	120408 T02020	—	0.8										●							
	120408 T02025	432-TNF	0.8															●		
	120408 Z02025	432-ZNF	0.8						●											
	120412 S02025	433-SNF	1.2										●							
120412 T00520	—	1.2																●		
120412 T00820	—	—																●		
120412 T01020	—	—																●		

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

BIDEMICS • Ceramic

Negative type

Positive type

C

D

E

R

S

T

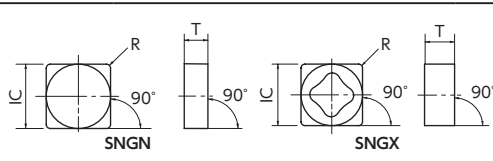
V

W

For Machining Mill rolls

Item Number	IC	T
<b>SN_1204</b>	12.7	4.76
<b>SN_1207</b>	12.7	7.94
<b>SN_1507</b>	15.875	7.94
<b>SN_1906</b>	19.05	6.35
<b>SN_1907</b>	19.05	7.94

### <90 degree Square Negative type>



Steel	P																									
Stainless Steel	M																									
Cast Iron	K																									
Non-Ferrous Material	N																									
Heat Resistant Alloy	S																									
Hardened Material	H																									

● : 1st Choice  
● : 2nd choice

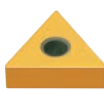

Shape	ISO Item Number	Inch Item Number	R	BIDEMICS		Ceramics														For applicable holder, see pages:								
				JX1	JX3	Alumina-based							Silicon nitride-based					Whisker-based										
						HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5										
	<b>SNGN 120412 T01025</b>	<b>SNGN433-TN</b>	1.2			●		●		●	●																	
	<b>120412 T02020</b>	—	1.2												●													
	<b>120412 T02025</b>	<b>433-TNF</b>	1.2																									
	<b>120412 Z02025</b>	<b>433-ZNF</b>	1.2																									
	<b>120416 S02025</b>	<b>434-SNF</b>	1.6																									
	<b>120416 T00520</b>	—	1.6																									
	<b>120416 T01020</b>	—	1.6																									
	<b>120416 T01025</b>	<b>434-TN</b>	1.6				●		●		●	●																
	<b>120416 T02020</b>	—	1.6												●													
	<b>120416 T02025</b>	<b>434-TNF</b>	1.6																									
	<b>120416 Z02025</b>	<b>434-ZNF</b>	1.6																									
	<b>120420 T01025</b>	<b>435-TN</b>	2						●		●																	
	<b>120420 T01020</b>	—	2																									
	<b>120420 T02020</b>	—	2													●												
	<b>120420 T02025</b>	<b>435-TNF</b>	2						●																			
	<b>120424 T01025</b>	<b>436-TN</b>	2.4																									
	<b>120424 T02020</b>	—	2.4																									
		<b>SNGN 120708 T02025</b>	<b>SNGN452-TN</b>	0.8					●		●																	
		<b>120712 S02025</b>	<b>453-SNF</b>	1.2							●																	
		<b>120712 T02025</b>	<b>453-TN</b>	1.2							●																	
<b>120716 T02025</b>		<b>454-TN</b>	1.6							●																		
	<b>SNGN 150716 T02025</b>	<b>SNGN554-TN</b>	1.6																									
	<b>SNGN 190616 T00525</b>	<b>SNGN644-TNB</b>	1.6																									
	<b>SNGN 190724 T00525</b>	<b>SNGN656-TNB</b>	2.4																									
	<b>SNGX 120712 T02025</b>	—	1.2																									
	<b>120716 T02025</b>	—	1.6																									

- F17
- F19
- F21
- K36
- N12
- N14
- N16

● : Standard stock    ● : New standard stock    ■ : Scheduled to be produced by order    ★ : Standard stock (Specified)

Item Number	IC	T
TN_1103	6.35	3.18
TN_1603	9.525	3.18
TN_1604	9.525	4.76



## <60 degree Triangle Negative type>

				Steel		P															
				Stainless Steel		M															
				Cast Iron		K															
				Non-Ferrous Material		N															
				Heat Resistant Alloy		S															
				Hardened Material		H															
				TNGA		TNGN															
Shape	ISO Item Number	Inch Item Number	R	BIDEMICS		Ceramics										For applicable holder, see pages:					
				JX1	JX3	Alumina-based					Silicon nitride-based				Whisker-based						
						HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9	WA1	WA5			
	<b>TNGA 160404 S02025</b>	<b>TNGA331-SNF</b>	0.4								●										
	<b>160404 T01025</b>	<b>331-TN</b>	0.4								●										
	<b>160404 Z02025</b>	<b>331-ZNF</b>	0.4																		
	<b>160408 S02025</b>	<b>332-SNF</b>	0.8								●										
	<b>160408 T01025</b>	<b>332-TN</b>	0.8				●			●	●										
	<b>160408 T02020</b>	—	0.8									●									
	<b>160408 T02025</b>	<b>332-TNF</b>	0.8													●					
	<b>160408 Z02025</b>	<b>332-ZNF</b>	0.8								●										
	<b>160412 S02025</b>	<b>333-SNF</b>	1.2									●									
	<b>160412 T01025</b>	<b>333-TN</b>	1.2									●									
	<b>160412 T02020</b>	—	1.2										●								
	<b>160412 T02025</b>	<b>333-TNF</b>	1.2														●				
	<b>160416 T02025</b>	<b>334-TNF</b>	1.6														●				
	<b>TNGN 110308 T00525</b>	<b>TNGN222-TN</b>	0.8					●													
	<b>TNGN 160304 T01025</b>	<b>TNGN321-TN</b>	0.4					●													
	<b>TNGN 160404 T01025</b>	<b>TNGN331-TN</b>	0.4					●													
	<b>160404 Z02025</b>	<b>331-ZNF</b>	0.4								●										
	<b>160408 S02025</b>	<b>332-SNF</b>	0.8									●									
	<b>160408 T00820</b>	—	0.8																	●	
	<b>160408 T01020</b>	—	0.8																	●	
	<b>160408 T01025</b>	<b>332-TN</b>	0.8					●		●	●	●								●	
	<b>160408 T02020</b>	—	0.8										●								
	<b>160408 T02025</b>	<b>332-TNF</b>	0.8														●				
	<b>160408 Z02025</b>	<b>332-ZNF</b>	0.8								●										
	<b>160412 S02025</b>	<b>333-SNF</b>	0.8									●									
	<b>160412 T00820</b>	—	1.2																	●	
	<b>160412 T01020</b>	—	1.2																	●	
	<b>160412 T01025</b>	<b>333-TN</b>	1.2						●		●	●								●	
	<b>160412 T02020</b>	—	1.2										●								
	<b>160412 T02025</b>	<b>333-TNF</b>	1.2														●				
	<b>160412 Z02025</b>	<b>333-ZNF</b>	1.2								●										

● : Standard stock ● : New standard stock ■ : Scheduled to be produced by order ★ : Standard stock (Specified)

Item Number	IC	T
<b>TN_1604_</b>	9.525	4.76
<b>TN_1607_</b>	9.525	7.94
<b>TN_2204_</b>	12.7	4.76
<b>TN_2207_</b>	12.7	7.94

## <60 degree Triangle Negative type>

Shape	ISO Item Number	Inch Item Number	R	BIDEMICS		Ceramics										For applicable holder, see pages:									
				JX1	JX3	Alumina-based					Silicon nitride-based				Whisker-based										
						HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9		SP9	WA1	WA5						
	<b>TNGN 160416 T01020</b>	—	1.6																						
	<b>160416 T01025</b>	<b>TNGN334-TN</b>	1.6			●	●	●																	
	<b>160416 T02020</b>	—	1.6											●											
	<b>160416 T02025</b>	<b>334-TNF</b>	1.6																						
	<b>160420 T01025</b>	<b>335-TN</b>	1.6			●		●																	
	<b>160420 T02020</b>	—	2											●											
	<b>TNGN 160708 T02025</b>	<b>TNGN352-TN</b>	0.8					●																	
	<b>160712 T02025</b>	<b>353-TN</b>	1.2					●																	
	<b>TNGN 220416 T00520</b>	—	1.6																				●		
	<b>TNGN 220716 T00520</b>	—	1.6																				●		
	<b>TNGG 160408 Z01030 AG</b>	<b>TNGG332-ZNCGAG</b>	0.8																						
	<b>160412 Z01030 AG</b>	<b>333-ZNCGAG</b>	1.2																						

● : Standard stock    ● : New standard stock    ■ : Scheduled to be produced by order    ★ : Standard stock (Specified)

- New Products
- Tool Materials / Selection Guide
- BIDEMICS, PCD, Micrograin Carbide, PVD Coated Carbide, CBN and Ceramics
- Insert Item List
- General Turning Toolholders
- Unique Swiss Tooling
- Grooving / Side Turning
- Threading
- Shaper
- ID Tooling
- Application Introduction
- Endmills
- Rotating Tools
- Information
- Index



Item Number	IC	T	Relief angle
RP_0602_	6.35	2.38	11°
RP_0903_	9.525	3.18	11°
RP_1204_	12.70	4.76	11°

### <Round Positive type>

Shape	ISO Item Number	Inch Item Number	R	Ceramics													For applicable holder, see pages:					
				BIDEMICS		Alumina-based							Silicon nitride-based			Whisker-based						
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9		WA1	WA5			
	RPGN 060200 T00520	—	—																			<b>N8</b>
	RPGN 090300 T00520	—	—																			
	RPGN 120400 E004	—	—																			
	120400 EX0004	—	—																			
	120400 T00520	—	—																			
	120400 T00525	RPGN430-TNB	—	—																		
	120400 T00820	—	—	—																		
	120400 T01020	—	—	—																		

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

Item Number	IC	T	Relief angle
SP_0903_	9.525	3.18	11°
SP_1203_	12.7	3.18	11°
SP_1204_	12.7	4.76	11°

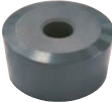

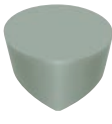


### <90 degree Square Positive type>

Shape	ISO Item Number	Inch Item Number	R	Ceramics													For applicable holder, see pages:					
				BIDEMICS		Alumina-based							Silicon nitride-based			Whisker-based						
				JX1	JX3	HC1	HW2	HC2	HC4	HC6	ZC7	SX6	SX7	SX3	SX9	SP9		WA1	WA5			
	SPGN 090308 T01025	SPGN322-TN	0.8																			—
	SPGN 120308 T01025	SPGN422-TN	0.8																			
	SPGN 120408 T01025	SPGN432-TN	0.8																			
	120412 T01025	433-TN	1.2																			

● : Standard stock   ● : New standard stock   ■ : Scheduled to be produced by order   ★ : Standard stock (Specified)

New Products  
Tool Materials / Selection Guide  
BIDEMICS, PCD  
Micrograin Carbide, CBN and Ceramics  
PVD Coated Carbide  
Insert Item List  
General Turning Toolholders  
Unique Swiss Tooling  
Grooving / Side Turning  
Threading  
Shaper  
ID Tooling  
Application Introduction  
Endmills  
Rotating Tools  
Information  
Index

(For Machining Mill Rolls and Heat-Resistant Alloys) ※For details of insert measurement, please go to page L18, L22, L26, L27, L31.

Shape	ISO Item Number	R	Ceramics														For applicable holder, see pages:		
			BIDEMICS		Alumina-based							Silicon nitride-based				Whisker-based			
			JX1	JX3	HC1	HW2	HC2	HC4	HC6	HC7	ZC7	SX6	SX7	SX3	SX9	SP9		WA1	WA5
			<div style="display: flex; justify-content: space-between; font-size: 8px;"> <span>Steel P</span> <span>Stainless Steel M</span> <span>Cast Iron K</span> <span>Non-Ferrous Material N</span> <span>Heat Resistant Alloy S</span> <span>Hardened Material H</span> </div>																
	CDH 22 PN	—																F31	
	CDH 33 PN	—																L26	
	RCGX 060400 T00520	—																F32 L19~21 L27~29	
	060400 T00820	—	●	●															
	060400 T02020	—							★								★		
	RCGX 060600 P07015	—															★		
	RCGX 060700 T00520	—															●		
	RCGX 090700 E004	—	●	●															
	090700 T00520	—											●	●			●		
	090700 T00820	—	●	●													●		
	090700 T01020	—															●		
	090700 K20015	—							★								★		
	RCGX 0908 PN	—					●												
	0908 TNB	—												●			●		
	RCGX 120700 E004	—	●	●															
	120700 T00520	—											●	●			●		
	120700 T00820	—	●	●													●		
	120700 T01020	—															●		
120700 Z01520	—															●			
120700 K20015	—							★								★			
RCGX 1208 PN	—					●													
1208 TNB	—												●						
	RPGX 060400 T00520	—															●		
	RPGX 090700 E004	—	●	●															
	090700 T00520	—											●	●			●		
	090700 T00820	—	●	●									●				●		
	RPGX 0908 TNB	—												●					
	RPGX 120700 E004	—	●	●															
	120700 T00520	—											●	●			●		
	120700 T00820	—	●	●									●				●		
120700 T01020	—															●			
RPGX 1208 TNB	—												●						
	RCGY 090603 TNB	—															●		
	RCGY 120603 TNB	—															●		
	RBGX 16S PN	—						●											
	16S SN2	—															●		
	RBGX 20S PN	—						●											
	26S PN	—						●											
26 SSN3	—															●			

● : Standard stock    ● : New standard stock    ■ : Scheduled to be produced by order    ★ : Standard stock (Specified)

New Products  
Tool Materials / Selection Guide  
BIDEMICS, PCD, CBN and Ceramics  
Micrograin Carbide, PVD Coated Carbide  
Insert Item List  
General Turning Toolholders  
Unique Swiss Tooling  
Grooving / Side Turning  
Threading  
Shaper  
ID Tooling  
Application Introduction  
Endmills  
Rotating Tools  
Information  
Index