w ±0.025

			-
Gra	Cutting Edge	θ°	
Coated Carbide	AC530U	Honing	15°
Carbide	H1	Sharp	25°
Coated Cermet	T3000Z	Honing	15°
Cermet	T1500A	Sharp	10°
Cermet	T1200A	Sharp	10°
SUMIBORON	BN2000	Negative Land	5°
SUMIDUNUM	BN250	Negative Land	5°
SUMIDIA	DA2200	Sharp	15°

\* For rake angle when fitted on the holder, refer to

				page F5.								
Cat. No.	Coated Carbide	Carbide	Coated Cermet	Cer	met	SUMIB	ORON	SUMIDIA	Grooving	Max. Grooving	Dimensions (mm)	* C****
E to the end of the Cat. No.	AC530U	H1	T3000Z	T1500A	1500A T1200A		BN250	DA2200	Width (mm)	Depth (mm)	Difficusions (film)	* Group

Cat. No.	Coated	Carbide C	Carbide Coated Cermet				Cerr	net		SU	MIB	ORG	NC	SUMIDIA (		Grooving	Max. Grooving		D:	* Croup							
(Add E to the end of the Cat. No.	AC530U		H.	1	T3000Z	T150	00A	T12	00A	BN2	2000	BN2	250	DA2	200	Width (mm)	Depth	(mm)	וט	mensi	ons (m	111)	* Group No.				
for T1500A and T1200A grades)	R	L	R	L	R L	R	L	R	L	R	L	R	L	R	L	W	External	Internal	а	rε	ød	S	INO.				
TGA R/L3033(E)	•	•	•	•	• •	•	•	lack	lack	_	_	-	_	_	_	0.33	0.8	0.5	1.0	0.05							
TGA R/L3050(E)	•	•	•	•	• •	•	•	lack	lack	_	_	-	_	_	_	0.50	1.2	0.8	1.4	0.05							
TGA R/L3075(E)	•	•	•	•	• •	•	•	lack	lack			-	_			0.75											
TGA R/L3095(E)	•	•	•	•	• •	•		$\blacktriangle$	$\blacktriangle$			-	_			0.95											
TGA R/L3100(E)	•	•	•	•	• •	•	•	lack	lack							1.00											
TGA R/L3110(E)	•	•			• •	•		$\blacktriangle$	$\blacktriangle$							1.10											
TGA R/L3125(E)	•	•	•	•	• •	•	•	lack	lack							1.25	2.0										
TGA R/L3135(E)	•	•			• •	•		$\blacktriangle$	$\blacktriangle$							1.35		2.0	2.0	2.0	1.5	2.5					
TGA R/L3145(E)	•	•	•	•	• •	•		lack	lack							1.45											
TGA R/L3150(E)	•	•	•	•	• •	•		$\blacktriangle$	$\blacktriangle$							1.50				0.1	0 505	0.40	_				
TGA R/L3165(E)	•	•			• •	•	•	lack	lack							1.65				0.2	9.525	3.18	0				
TGA R/L3175(E)	•	•			• •	•		$\blacktriangle$	$\blacktriangle$							1.75				for T1500A/							
TGA R/L3185(E)	•	•	•	•	• •	•	•	lack	lack							1.85				T1200A							
TGA R/L3200(E)	•	•	•	•	• •	•	•	lack	lack							2.00											
TGA R/L3220(E)	•	•			• •	•		lack	lack							2.20											
TGA R/L3230(E)	•	•	•	•	• •	•		lack	$\blacktriangle$							2.30		2.0									
TGA R/L3250(E)	•	•	•	•	• •	•		lack	lack							2.50	2.5		3.0								
TGA R/L3265(E)	•	•			• •	•		lack	$\blacktriangle$							2.65											
TGA R/L3270(E)	•	•			• •	•		lacksquare	lack							2.70	1										
TGA R/L3280(E)	•	•			• •	•		<u> </u>	lack							2.80											
TGA R/L4125(E)	•	•	•	•	• •	•		$\overline{\blacktriangle}$	$\overline{\blacktriangle}$	•		lack		•		1.25											
TGA R/L4145(E)	•	•	•	•	• •	•	•	$\overline{\blacksquare}$	<u> </u>							1.45	2.0	1.7	2.5				0				
TGA R/L4150(E)	•	•	•	•	• •	•	•	$\overline{\blacktriangle}$	$\overline{\blacksquare}$	•		lacksquare		•		1.50				1							
TGA R/L4165(E)	•				• •	•		lacksquare	lack							1.65				0.2							
TGA R/L4175(E)	•	•	•	•	• •	•		lack	lack							1.75		2.5									
TGA R/L4185(E)	•	•	•	•	• •	•		<b>A</b>	lack							1.85	3.5		2.5	2.5	3.9	* 2			8		
TGA R/L4200(E)	•	•	•	•	• •	•		lack	lack	•		lack		•		2.00							•				
TGA R/L4220(E)	•	•			• •	•		$\blacktriangle$	$\blacktriangle$							2.20											
TGA R/L4230(E)	•	•	•	•	• •	•		$\overline{\blacktriangle}$	lack							2.30											
TGA R/L4250(E)	•	•	•	•	• •	•	•	lack	<b>A</b>	•		lack		•		2.50											
TGA R/L4265(E)	•	•	•	•	• •	•		lacksquare	lack	_				-		2.65											
TGA R/L4270(E)	•				•	•	•	•	<b>_</b>							2.70											
TGA R/L4280(E)	•		•	•	• •	•	•	lack	$\overline{\blacktriangle}$							2.80	5.0	2.5	5.4			4.76					
TGA R/L4300(E)	•		•	•	•	•	•	<u> </u>	<u> </u>	•		lack		•		3.00	*1	-	* 1	0.3	12.70						
TGA R/L4320(E)	•	•			• •	•	•	lack	lack							3.20				* 2							
TGA R/L4330(E)	•	•	•	•	• •	•	•	<u> </u>	lack							3.30											
TGA R/L4350(E)	•	•	•	•	• •	•	•	lack	<b>A</b>	•		lack		•		3.50				1							
TGA R/L4370(E)	•	•			• •	•		lack	lack							3.70							4				
TGA R/L4390(E)	•	•			•	•	•	$\blacksquare$	<u> </u>							3.90							-				
TGA R/L4400(E)	•		•	•	•	•	•	<u> </u>	<u> </u>	•		lack		•		4.00	5.0 2.5										
TGA R/L4410(E)	•	•			•	•	•	$\blacksquare$	<u> </u>							4.10											
TGA R/L4420(E)	•				•	•	•	<u> </u>	<u> </u>							4.20		2.5	5.4								
TGA R/L4430(E)	•	•	•	•	• •	•	•	$\blacksquare$	<u> </u>							4.30					0.4						
TGA R/L4440(E)	•				•	•	•	<u> </u>	<u> </u>							4.40							* 2				
TGA R/L4450(E)	•	•	•	•	•	•	•	<u>_</u>	$\overline{\blacktriangle}$							4.50											
TGA R/L4480(E)			•	•		•		_	<u>_</u>							4.80	1					5.00					
				لِتَ					_													• •					

<sup>\*</sup> Refer to pages F4, F5 for applicable holders GWC, GWCS and GWCl types. Select applicable inserts for the holders by using matching group numbers.

<sup>\* 1:</sup> SUMIBORON, SUMIDIA is a=4.4 (4.0) \* 2: SUMIBORON is  $r_{\varepsilon}=0.2$ , SUMIDIA is  $r_{\varepsilon}=0.1$