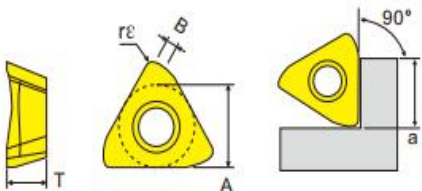
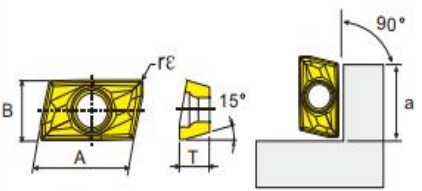
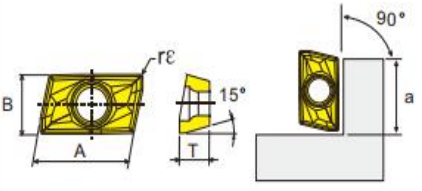
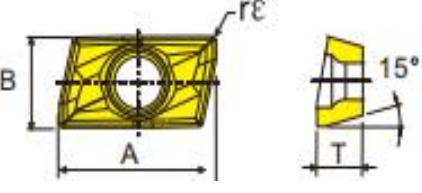
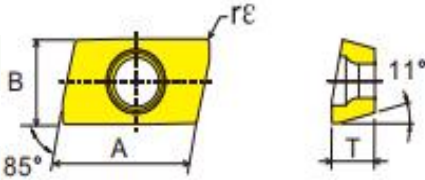


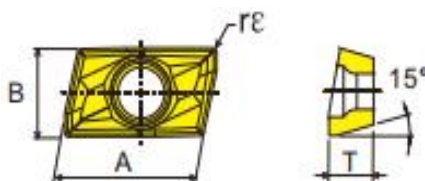
Dimension (mm)	Model	A	L	T	r ϵ	d
	3PKT 100404R-M	6.9	10.5	4.00	0.40	3.5
	3PKT 100408R-M	6.9	10.5	4.00	0.80	3.5
	3PKT 150508R-M	10.7	15.5	4.96	0.80	5
	3PKT 150516R-M	10.7	15.5	4.96	1.60	5
	3PKT 150520R-M	10.7	15.5	4.96	2.00	5

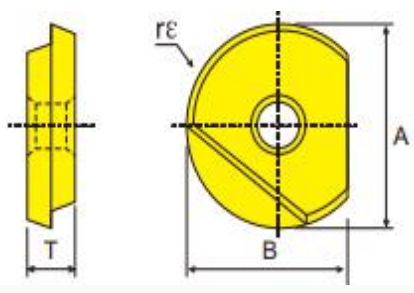
Dimension (mm)	Model	A	B	T	r ϵ	a
	JDMT 070202R	6.4	4.3	2.45	0.20	6
	JDMT 070204R	6.4	4.3	2.45	0.40	6
	JDMT 070208R	6.4	4.3	2.45	0.80	6
	EDMT 070220R	6.4	4.3	2.45	2.00	6

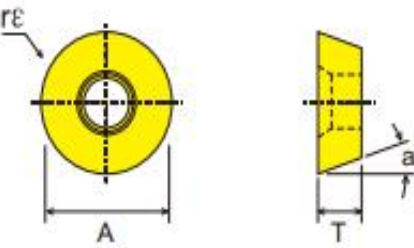
Dimension (mm)	Model	A	B	T	r ϵ	a
	JDMT 100304R	11	6.1	3.50	0.40	10
	JDMT 100308R	11	6.1	3.50	0.80	10
	JDMT 100320R	11	6.1	3.50	2.00	10
	JDMT 100332R	11	6.1	3.50	3.20	10
	JDMT 150504R	16	9.12	5.00	0.40	15
	JDMT 150508R	16	9.12	5.00	0.80	15
	JDMT 150520R	16	9.12	5.00	2.00	15
	JDMT 150530R	16	9.12	5.00	3.00	15

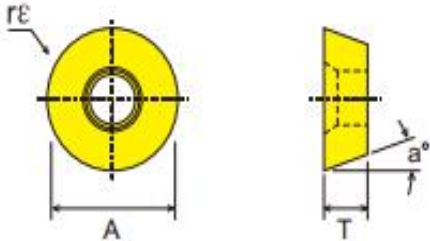
Dimension (mm)	Model	A	B	T	r ϵ	a
	APKT 1003PDR	10.95	6.7	3.55	0.50	15°
	APKT 1003PDTR	11	6.7	3.47	0.50	15°

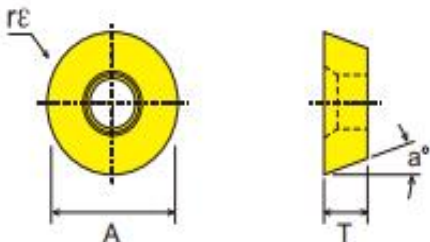
Dimension (mm)	Model	A	B	T	rε	a
	AP..113502	11	6.35	3.5	0.2	11°
	AP..113504	11	6.35	3.5	0.4	11°
	AP..113508	11	6.35	3.5	0.8	11°
	AP..160402	16.5	9.525	4.8	0.2	11°
	AP..160404	16.5	9.525	4.76	0.4	11°
	AP..160408	16.5	9.525	4.76	0.8	11°

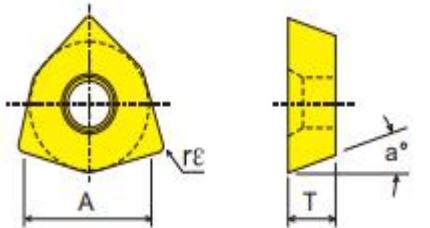
Dimension (mm)	Model	A	B	T	rε	a
	R390..11T304	10	6.8	3.59	0.4	15°
	R390..11T308	10	6.8	3.59	0.8	15°
	R390..11T316	10	6.8	3.59	1.6	15°
	R390..11T331	10	6.8	3.59	3.1	15°
	R390..170404	15.7	9.6	4.76	0.4	15°
	R390..170408	15.7	9.6	4.76	0.8	15°

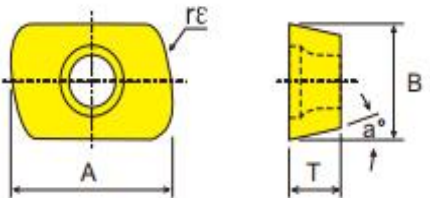
Dimension (mm)	Model	A	T	rε	B
	P3200-D08	8	2.40	4	7
	P3200-D10	10	2.60	5	8.5
	P3200-D12	12	3.00	6	10
	P3200-D16	16	4.00	8	12
	P3200-D20	20	5.00	10	15
	P3200-D25	25	6.00	12.5	18.5
	P3200-D30	30	7.00	15	22.5
	P3200-D32	32	7.00	16	23.5

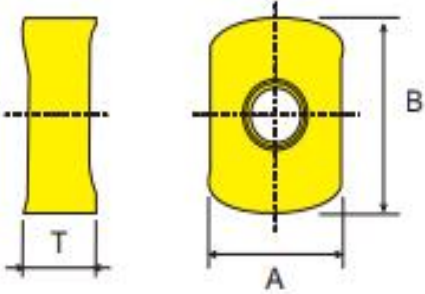
Dimension (mm)	Model	A	T	rε	a
	RD..0501	5	1.59	3	15°
	RD..0702	7	2.38	4	15°
	RD..0803	8	3.18	4	15°
	RD..10T3	10	3.97	5	15°
	RD..1204	12	4.76	6	15°
	RD..1604	16	4.76	8	15°
	RD..1605	16	5.56	8	15°
	RD..1606	16	6.35	8	15°
	RD..2006	20	6.35	10	15°

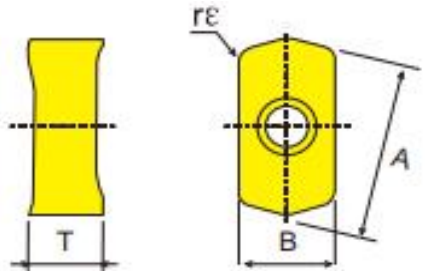
Dimension (mm)	Model	A	T	rε	a
	RC..0803	8	3.18	4	7°
	RC..1003	10	3.18	5	7°
	RC..10T3	10	3.97	5	7°
	RC..1204	12	4.76	6	7°
	RC..1606	12	6.35	6	7°
	RC..2006	12	6.35	6	7°

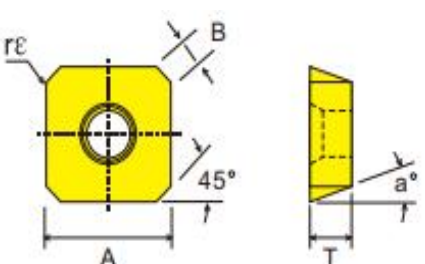
Dimension (mm)	Model	A	T	rε	a
	RP..0802	8	2.38	4	11°
	RP..08T2	8	2.78	4	11°
	RP..1003	10	3.18	5	11°
	RP..10T3	10	3.97	5	11°
	RP..1204	12	4.76	6	11°

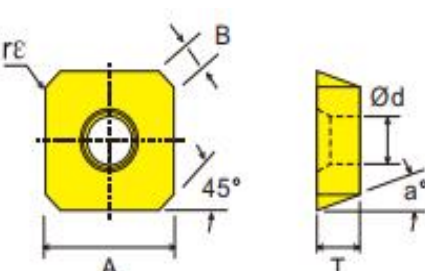
Dimension (mm)	Model	A	T	rε	a
	JOMW06T215	6.35	2.78	1.50	13°
	JOMW080320	8.00	3.18	2.00	13°
	JDMW09T320	9.525	3.97	2.00	15°
	JDMW120420	12.00	4.76	2.00	15°
	JDMW140520	14.00	5.56	2.00	15°

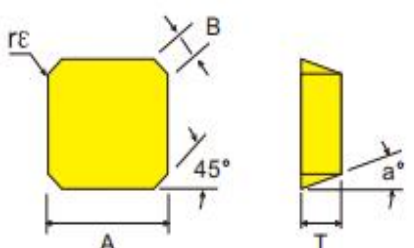
Dimension (mm)	Model	A	B	T	rε	a
	EPNW0603TN-8	10	6.35	3.18	8	11°
	EPMT0603TN-8	10	6.35	3.18	8	11°
	EPNW12T3TN-10	12	6.35	3.97	10	15°
	EPMT12T3TN-10	12	6.35	3.97	10	15°

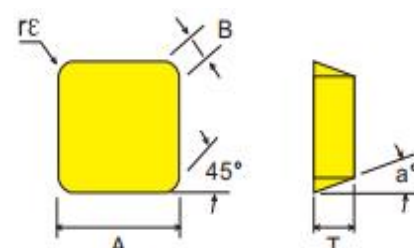
Dimension (mm)	Model	A	B	T	rε	a
	BLMP 0603R-M	6.39	9	3.73	-	

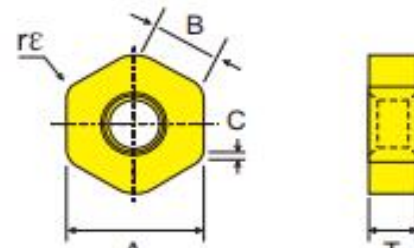
Dimension (mm)	Model	A	B	T	rε	a
	LNMU 0303ZER-MJ	11.59	6	4.29	1.2	-
	LNMU 0303ZER-ML	11.59	6	4.29	1.2	-

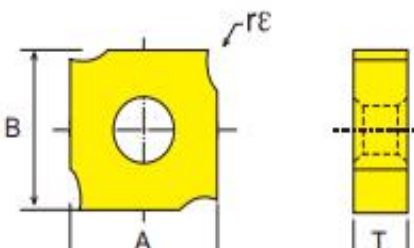
Dimension (mm)	Model	A	B	T	rε	a
	SEET 13T3AGEN-JL	13.4	1.9	3.97	1.5	20°
	SEMT 13T3AGEN-JL	13.4	1.9	3.97	1.5	20°
	SEMT 13T3AGSN-JH	13.4	1.9	3.97	2	20°
	SEMT 13T3AGSN-JM	13.4	1.9	3.97	1.5	20°

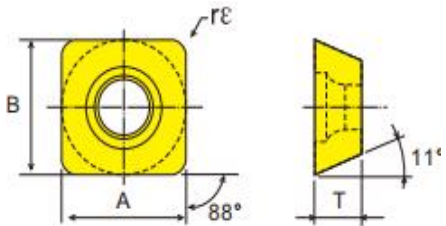
Dimension (mm)	Model	A	B	T	Ød	a
	SECA 1204AFSN	12.7	2.66	4.76	5.56	20°
	SECA 1204AFTN	12.7	2.66	4.76	5.56	20°
	SEKT 1204AFTN	12.7	2.66	4.76	5.56	20°
	SEHT 1204AFSN	12.7	2.66	4.76	5.56	20°
	SEHT 1204-AK	12.7	2.66	4.76	5.56	20°

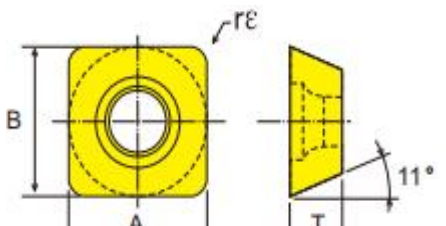
Dimension (mm)	Model	A	B	T	rε	a
	SDKN 1203AETN	12.7	1.7	3.18	-	15°
	SDKN 1504AETN	15.875	1.7	4.76	-	15°
	SEEN 1203AFTN	12.7	1.4	3.18	1.00	20°
	SEEN 1504AFTN	15.875	1.4	4.76	1.00	20°
	SEKN 1203AFTN	12.7	1.4	3.18	-	20°
	SEKN 1504AFTN	15.875	1.4	4.76	-	20°
	SPKN 1203EDR	12.7	1.4	3.18	-	11°

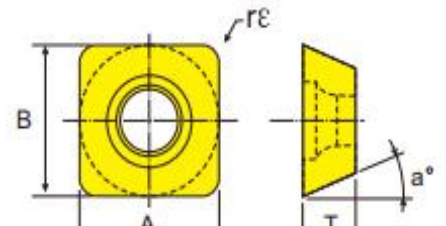
Dimension (mm)	Model	A	B	T	rε	a
	SEKR 1203AFEN-JS	12.7	1.4	3.18	1.00	20°
	SEKR 1504AFEN-J	15.875	1.4	4.76	1.00	20°

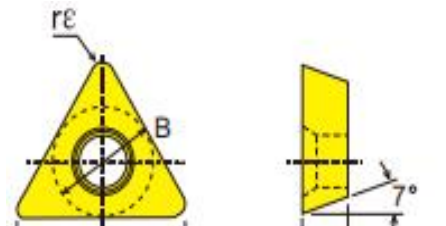
Dimension (mm)	Model	A	B	T	rε	C
	HNGX 0906ANSN-M	15.88	9	5.56	1.20	1.8
	HNGX 0906ANSN-R	15.88	9	5.56	1.20	1.8

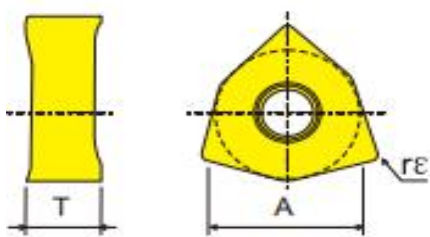
Dimension (mm)	Model	A	B	T		
	XSEQ 1202	12.7	12.7	2.30		
	XSEQ 1203	12.7	12.7	3.00		
	XSEQ 12T3	12.7	12.7	3.97		
	XSEQ 1204	12.7	12.7	4.00		
	XSEQ 12T4	12.7	12.7	4.50		

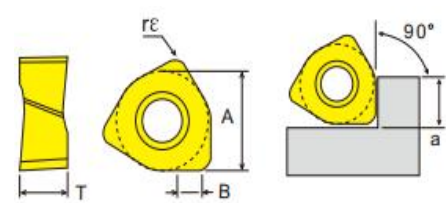
Dimension (mm)	Model	A	B	T	rε	a
	MPHT 060304-DM	6.35	6.36	3.18	0.40	11°
	MPHT 080305-DM	8.3	8.3	3.18	0.50	11°
	MPHT 120408-DM	12.7	12.7	4.76	0.80	11°

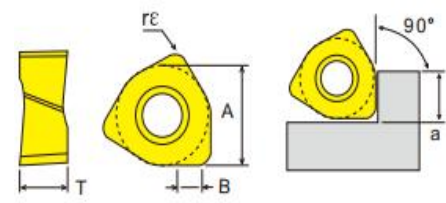
Dimension (mm)	Model	A	B	T	rε	a
	SPMT 120408-PM	12.7	12.7	4.76	0.80	11°
	SPMT 120408-KM	12.7	12.7	4.76	0.80	11°

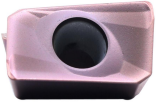
Dimension (mm)	Model	A	B	T	rε	a
	SPMW 090304	9.525	9.525	3.18	0.40	11°
	SDMB26152	8.3	8.3	2.50	0.40	15°

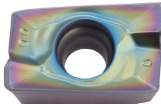
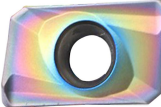
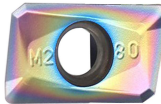
Dimension (mm)	Model	A	B	T	rε	a
	TCMX 090204	8.6	5.56	2.38	0.40	7°
	TCMX 110204	10	6.35	2.38	0.40	7°
	TCMX 16T304	15.5	9.525	3.97	0.40	7°

Dimension (mm)	Model	A	B	T	rε	a
	WNMU 0404	6.35		4.76	0.80	
	WNMU 080604EN-GM	14.02		6.65	0.40	
	WNMU080608EN-GM	14.02		6.65	0.80	

Dimension (mm)	Model	A	B	T	rε	a
	6NGU 060404R-M	9.26	2.36	4.76	0.40	6.2
	6NGU 060405R-M	9.26	2.36	4.76	0.50	6.2
	6NGU 060408R-M	9.26	1.96	4.76	0.80	6.2
	6NGU 060410R-M	9.26	1.76	4.76	1.00	6.2
	6NGU 060416R-M	9.26	1.16	4.76	1.60	6.2

Dimension (mm)	Model	A	B	T	rε	a
	6NGU 090504R-M	13.05	2.2	6.74	0.40	9.2
	6NGU 090508R-M	13.05	2.0	6.74	0.80	9.2
	6NGU 090516R-M	13.05	1.2	6.74	1.60	9.2

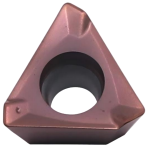
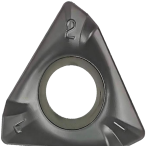
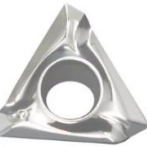
Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	APKT113502-CBN			•			
	APKT113504-CBN			•			
	APKT113508-CBN			•			
	APKT160402-CBN			•			
	APKT160404-CBN			•			
	APKT160408-CBN			•			
	APKT113502-PCD				•		
	APKT113504-PCD				•		
	APKT113508-PCD				•		
	APKT160402-PCD				•		
	APKT160404-PCD				•		
	APKT160408-PCD				•		
	APMT1135PDER-DU-IP610	•	•				
	APMT1604PDER-DU-IP610	•	•				
	APMT1135PDER-H2-IP610	•	•				
	APMT1604PDER-H2-IP610	•	•				
	APMT1135PDER-M2-IP610	•	•				
	APMT1604PDER-M2-IP610	•	•				
	APMT1135PDER-DU-IP620	•	•				
	APMT1604PDER-DU-IP620	•	•				
	APMT1135PDER-H2-IP620	•	•				
	APMT1604PDER-H2-IP620	•	•				
	APMT1135PDER-M2-IP620	•	•				
	APMT1604PDER-M2-IP620	•	•				
	APMT1135PDER-DU-IP630	•	•			•	•
	APMT1604PDER-DU-IP630	•	•			•	•

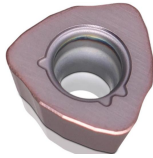
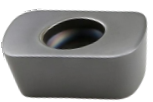
Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	APMT1135PDER-H2-IP630 APMT1604PDER-H2-IP630	•	•			•	•
		•	•			•	•
	APMT1135PDER-M2-IP630 APMT1604PDER-M2-IP630	•	•			•	•
		•	•			•	•
	APMT1135PDER-DU-IP66H APMT1604PDER-DU-IP66H	•	•			•	•
		•	•			•	•
	APMT1135PDER-H2-IP66H APMT1604PDER-H2-IP66H	•	•			•	•
		•	•			•	•
	APMT1135PDER-M2-IP66H APMT1604PDER-M2-IP66H	•	•			•	•
		•	•			•	•
	APKT1135PDER-G2-H01 APKT1604PDER-G2-H01				•		
					•		
	APKT113502-AL-H01 APKT113504-AL-H01 APKT113508-AL-H01 APKT160402-AL-H01 APKT160404-AL-H01 APKT160408-AL-H01				•		
					•		
					•		
					•		
					•		
					•		
	APMT1135-H2-TN60 APMT1604-H2-TN60	•					
		•					
	APMT1135-TG-TN60 APMT1604-TG-TN60	•					
		•					

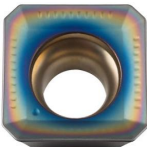
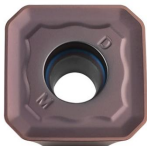
Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	RPMW1003MO-IP300	•					
	RPMT1204MO-IP300	•					
	RPEW0802MO-IP620	•	•				
	RPEW1003MO-IP620	•	•				
	RPMT08T2MO-IP630	•	•			•	•
	RPEW1003MO-IP630	•	•			•	•
	RPKT1204MOF-IP620	•	•				
	RPMT08T2MOE-JS-IP610	•	•				
	RPMT10T3MOE-JS-IP610	•	•				
	RPMT1204MOE-JS-IP610	•	•				
	RPMT08T2MOE-JS-IP620	•	•				
	RPMT10T3MOE-JS-IP620	•	•				
	RPMT1204MOE-JS-IP620	•	•				
	RPMT08T2MOE-JS-IP66H	•	•			•	•
	RPMT10T3MOE-JS-IP66H						
	RPMT1204MOE-JS-IP66H						
	RPMT1003MO-TT-IP66H	•	•			•	•
	RPMT1204MO-TT-IP66H	•	•			•	•
	RPGT0803-AL-H01				•		
	RPGT08T2-AL-H01				•		
	RPGT1003-AL-H01				•		
	RPGT10T3-AL-H01				•		
	RPGT1204-AL-H01				•		

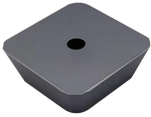
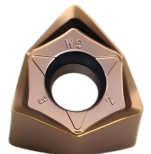
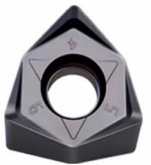
Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	RCMT0602MOTN-IP630	•	•			•	•
	RCMX0803MO-IC510	•					
	RCMX1003MO-IC510	•					
	RCMX1204MO-IC510	•					
	RCMX1606MO-IC510	•					
	RCMX2006MO-IC510	•					
	RCMX0803MO-IC530	•					
	RCMX1003MO-IC530	•					
	RCMX1204MO-IC530	•					
	RCMX1606MO-IC530	•					
	RCMX2006MO-IC530	•					
	RCMX2507MO-IC530	•					
	RCMX0803MO-IP620	•	•				
	RCMX1003MO-IP620	•	•				
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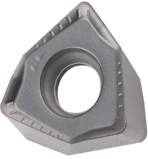
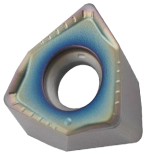
Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	RDMW0501MO-IP300	•					
	RDMW0702MO-IP300	•					
	RDMW0803MO-IP300	•					
	RDMW10T3MO-IP300	•					
	RDMT0602MO-IP620	•	•				
	RDMT10T3MO-IP620	•	•				
	RDMW1204MO-IP620	•	•				
	RDMT1003MO-RL-IP620	•	•				
	RDMT10T3MO-RL-IP620	•	•				
	RDMT1204MO-RL-IP620	•	•				

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	3PKT100404R-M-IP620	•	•				
	3PKT100408R-M-IP620	•	•				
	3PKT150508R-M-IP620	•	•				
	3PKT100404R-M-IP630	•	•			•	•
	3PKT100408R-M-IP630	•	•			•	•
	3PKT150508R-M-IP630	•	•			•	•
	3PKT100404R-M-H01	•	•			•	•
	3PKT100408R-M-H01	•	•			•	•
	3PKT150508R-M-H01	•	•			•	•
	APKT1003PDTR-IP630	•	•				
	R390-11T308M-PM-IP620	•	•				
	R390-11T308M-PM-IP630	•	•			•	•
	JDMT070204R-IP620	•	•				
	JDMT070208R-IP620	•	•				
	JDMT100308R-IP620	•	•				
	JDMT070204R-IP616	•	•				
	JDMT070208R-IP616	•	•				
	JDMT100308R-IP630	•	•			•	•

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	JOMT06T215ZZSR-JM-IP620	•	•				
	JOMT080320ZZSR-JM-IP620	•	•				
	JDMT09T320ZDSR-JM-IP620	•	•				
	JDMT120420ZDSR-JM-IP620	•	•				
	JDMT140520ZDSR-JM-IP620	•	•				
	JOMW06T215ZZSR-FT-IP620	•	•				
	JOMW080320ZZSR-FT-IP620	•	•				
	JDMW09T320ZDSR-FT-IP620	•	•				
	JDMW120420ZDSR-FT-IP620	•	•				
	JDMW140520ZDSR-FT-IP620	•	•				
	EPNW0603TN-8-IP610	•	•				
	EPNW0603TN-8-IP620	•	•				
	EPNW0603TN-8-IP616	•	•				
	BLMP0603R-M-IP620	•	•				
	BLMP0904R-M-IP620	•	•				
	BLMP0603R-M-IP716	•	•				
	BLMP0904R-M-IP716	•	•				
	SEMT13T3AGSN-JM-IP620	•	•				
	SEMT13T3AGSN-JM-IP616	•	•				
	SEKT1204AFTN-IP300	•					

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	SEKT1204AFTN-IP620	•	•				
	SEKT1204AFTN-IP616	•	•				
	SEKT1204AFTN-IP66H	•	•			•	•
	SEHT1204-AL-H01				•		
	SEET1203AFEN-IP610	•	•				
	SEET12T3-DM-IP620	•	•				
	SEET12T3-DM-IP630	•	•			•	•
	SEKR1203-YM-IP620	•	•				
	SEKR1203-YM-IP616	•	•				

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	SEKN1504AFTN-IP610	•	•			•	•
	LNMU0303ZER-MJ-IP620	•	•				
	LNMU0303ZER-MJ-IP630	•	•			•	•
	LNMU0303ZER-ML-IP630	•	•			•	•
	HNGX0906ANSN-R-IP630	•	•			•	•
	HNGX0906ANSN-R-IP616	•	•				
	WNMU040304EN-GM-IP620	•	•				
	WNMU040304EN-GM-IP616	•	•				
	WNMU080608EN-GM-IP730	•	•			•	•
	WNMU080608EN-GM-IP716	•	•			•	•

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	6NGU060408-M-IP610	•	•				
	6NGU060408-M-IP66H	•	•			•	•
	XSEQ1202-IP620	•	•				
	XSEQ1203-IP620	•	•				
	XSEQ1204-IP620	•	•				
	XSEQ12T3-IP620	•	•				
	XSEQ12T4-IP620	•	•				
	MPHT060304DM-IP630	•	•			•	•
	MPHT060308DM-IP630	•	•			•	•
	MPHT080305DM-IP630	•	•			•	•
	MPHT120408-DM-IP630	•	•			•	•
	SPMT120408-HT-IP620	•	•				
	SPMT120408-HT-IP630	•	•			•	•
	SPMW090304-IP620	•	•				
	SDMB26152-IP300	•					
	SDMB26152-IP610	•	•				

Picture	Item Code	Cutting Grade					
		P	M	K	N	S	H
	TCMX090304GX-IP610	•	•				
	TCMX100304E-IP620	•	•				
	TCMX13T304E-IP620	•	•				
	TCMX16T304E-IP620	•	•				
	P3200-D08-IP700	•	•				
	P3200-D10-IP700	•	•				
	P3200-D12-IP700	•	•				
	P3200-D16-IP700	•	•				
	P3200-D20-IP700	•	•				
	P3200-D25-IP700	•	•				
	P3200-D30-IP700	•	•				
	P3200-D32-IP700	•	•				
	P3200-D08-IP730	•	•			•	•
	P3200-D10-IP730	•	•			•	•
	P3200-D12-IP730	•	•			•	•
	P3200-D16-IP730	•	•			•	•
	P3200-D20-IP730	•	•			•	•
	P3200-D25-IP730	•	•			•	•
	P3200-D30-IP730	•	•			•	•
	P3200-D32-IP730	•	•			•	•