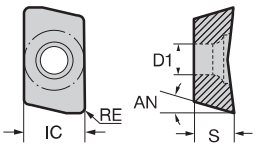
NT-RKP

REKPLUS
Shouldering - positive



2 edges

Size	IC	S	D1	AN
11	6.35	3.50	2.80	11°
16	9.525	4.76	4.50	11°

ISO513	JP5520	JP5530	JP7615	JP7525	JP8625	JP9535	JP9635	JC7515	JU6520	JU4525
	HC-PVD							CVD	HW	HT
P	80 250	60 230			80 250					160 350
M	60 160	60 150				60 200	60 200			100 240
K			120 250	100 240				120 350		160 380
N									200 1000	
S						40 100	40 100			
H										

GRADE APPLICATION AREA	
■ main application	Light cut, stable machining
■ applicable	Variable condition, general machining
	Heavy cut, unstable machining

Hardness + / − Toughness − / +

HELICAL TYPE

HSC P M S

low cutting force

		RE	a_p ▸	f_z ▸	JP8625	JP9635
NT-RKP	11R04M-HSC	RE 0.4	0.50 **4.50** 8.00	0.05 **0.10** 0.15	●	●
	11R08M-HSC	RE 0.8	1.00 **4.50** 8.00	0.05 **0.10** 0.15	●	●
	11R12M-HSC	RE 1.2	1.00 **4.50** 8.00	0.05 **0.10** 0.15	●	●
NT-RKP	16R08M-HSC	RE 0.8	1.00 **7.00** 13.00	0.08 **0.14** 0.18	●	●
	16R12M-HSC	RE 1.2	1.00 **7.00** 13.00	0.08 **0.14** 0.18	●	●

HGP P M K

1st choice, general purpose

		RE	a_p ▸	f_z ▸	JP7615	JP8625	JP9635
NT-RKP	11R04M-HGP	RE 0.4	0.50 **4.50** 8.00	0.08 **0.14** 0.20		●	●
	11R08M-HGP	RE 0.8	1.00 **4.50** 8.00	0.08 **0.14** 0.20	●	●	●
	11R12M-HGP	RE 1.2	1.00 **4.50** 8.00	0.08 **0.14** 0.20		●	●
	11R16M-HGP	RE 1.6	1.00 **4.50** 8.00	0.08 **0.14** 0.20		●	●
NT-RKP	16R08M-HGP	RE 0.8	1.00 **7.00** 13.00	0.10 **0.17** 0.25	●	●	●
	16R12M-HGP	RE 1.2	1.00 **7.00** 13.00	0.10 **0.17** 0.25		●	●
	16R16M-HGP	RE 1.6	1.00 **7.00** 13.00	0.10 **0.17** 0.25		●	●
	16R20M-HGP	RE 2.0	1.00 **7.00** 13.00	0.10 **0.17** 0.25		●	●
	16R31M-HGP	RE 3.1	1.00 **7.00** 13.00	0.10 **0.17** 0.25		●	●

STRAIGHT TYPE

SC P M

low cutting force

		RE	a_p ▸	f_z ▸	JP5520	JP5530	JP9535
NT-RKP	11R08M-SC	RE 0.8	1.00 **4.50** 8.00	0.05 **0.10** 0.15	▽	▽	▽
NT-RKP	16R08M-SC	RE 0.8	1.00 **7.00** 13.00	0.08 **0.14** 0.18	▽		▽

GP P M K

general purpose

		RE	a_p ▸	f_z ▸	JP5520	JP5530	JP7525	JP9535	JC7515	JU4525
NT-RKP	11R08M-GP	RE 0.8	1.00 **4.50** 8.00	0.08 **0.14** 0.20	●	●	●	●	▽	●
NT-RKP	16R08M-GP	RE 0.8	1.00 **7.00** 13.00	0.10 **0.17** 0.25	●	●	○	●	▽	●

TE P K

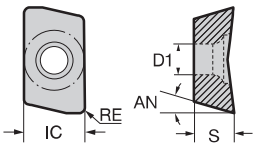
reinforced edge

		RE	a_p ▸	f_z ▸	JP5520	JP5530	JP7525
NT-RKP	11R08M-TE	RE 0.8	1.00 **4.50** 8.00	0.10 **0.16** 0.22	●	●	○
NT-RKP	16R08M-TE	RE 0.8	1.00 **7.00** 13.00	0.12 **0.20** 0.28	●	●	○

● stock standard, ○ non-standard stock, ▽ stock exhaustion

NT-RKP

REKPLUS
Shouldering - positive



2 edges

Size	IC	S	D1	AN
11	6.35	3.50	2.80	11°
16	9.525	4.76	4.50	11°

ISO513	HC-PVD JP5520	JP5530	JP7615	JP7525	JP8625	JP9535	JP9635	CVD JC7515	HW JU6520	HT JU4525
P	80 250	60 230			80 250					160 350
M	60 160	60 150				60 200	60 200			100 240
K			120 250	100 240				120 350		160 380
N									200 1000	
S						40 100	40 100			
H										

		Hardness	Toughness
GRADE APPLICATION AREA	Light cut, stable machining	+	–
■ main application	Variable condition, general machining		
■ applicable	Heavy cut, unstable machining	–	+

STRAIGHT TYPE

AL N

polished surface

NT-RKP	11R04G-AL	RE 0.4	a_p ▸	0.50	**4.50**	8.00																							
			f_z ▸	0.10	**0.17**	0.25																							
	11R08G-AL	RE 0.8	a_p ▸	1.00	**4.50**	8.00																							
			f_z ▸	0.10	**0.17**	0.25																							
NT-RKP	16R08G-AL	RE 0.8	a_p ▸	1.00	**7.00**	13.00																							
			f_z ▸	0.10	**0.20**	0.30																							

● stock standard