

TURNING

THREADING

MILLING

DRILLING

ADVANCED MATERIALS

ACCESSORIES

NT-RKP		REKPLUS Shouldering 90°					ISO513	HC-PVD						HC-CVD	HW	HT			
		Size	IC	S	D1	AN		P	JP5520	JP5530	JP7615	JP7525	JP8625	JP9535	JP9635	JC7515	JU6520	JU4525	
		11	6.35	3.50	2.80	11°	P	80 250	60 230			80 250					160 350		
							M	60 160	60 150			60 200	60 200				100 240		
		16	9.525	4.76	4.50	11°	K			120 250	100 240				120 350		160 380		
							N									200 1000			
							S						40 100	40 100					
GRADE APPLICATION AREA		Light cut, stable machining																	
main application		Variable condition, general machining				+													
applicable		Heavy cut, unstable machining				-													
HSC P M S low cutting force		NT-RKP 11R04M-HSC	RE 0.4	a_p 0.50 f_z 0.05	4.50 0.10	8.00 0.15						●	●						
		11R08M-HSC	RE 0.8	a_p 1.00 f_z 0.05	4.50 0.10	8.00 0.15						●	●						
		11R12M-HSC	RE 1.2	a_p 1.00 f_z 0.05	4.50 0.10	8.00 0.15						●	●						
		NT-RKP 16R08M-HSC	RE 0.8	a_p 1.00 f_z 0.08	7.00 0.14	13.00 0.18						●	●						
		16R12M-HSC	RE 1.2	a_p 1.00 f_z 0.08	7.00 0.14	13.00 0.18						●	●						
		HGP P M K 1st choice, general purpose		NT-RKP 11R04M-HGP	RE 0.4	a_p 0.50 f_z 0.08	4.50 0.14	8.00 0.20					●	●					
				11R08M-HGP	RE 0.8	a_p 1.00 f_z 0.08	4.50 0.14	8.00 0.20			●		●	●					
				11R12M-HGP	RE 1.2	a_p 1.00 f_z 0.08	4.50 0.14	8.00 0.20					●	●					
				11R16M-HGP	RE 1.6	a_p 1.00 f_z 0.08	4.50 0.14	8.00 0.20					●	●					
				NT-RKP 16R08M-HGP	RE 0.8	a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25				●		●	●				
16R12M-HGP	RE 1.2			a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25					●	●	●						
16R16M-HGP	RE 1.6			a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25					●	●	●						
16R20M-HGP	RE 2.0			a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25					●	●	●						
16R31M-HGP	RE 3.1	a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25					●	●	●								
SC P M low cutting force		NT-RKP 11R08M-SC	RE 0.8	a_p 1.00 f_z 0.05	4.50 0.10	8.00 0.15	▽	▽					▽						
		NT-RKP 16R08M-SC	RE 0.8	a_p 1.00 f_z 0.08	7.00 0.14	13.00 0.18	▽	▽					▽						
GP P M K general purpose		NT-RKP 11R08M-GP	RE 0.8	a_p 1.00 f_z 0.08	4.50 0.14	8.00 0.20	●	●	●		●	●		▽		●			
		NT-RKP 16R08M-GP	RE 0.8	a_p 1.00 f_z 0.10	7.00 0.17	13.00 0.25	●	●	○		●	●		▽		●			
TE P K reinforced edge		NT-RKP 11R08M-TE	RE 0.8	a_p 1.00 f_z 0.10	4.50 0.16	8.00 0.22	●	●	○										
		NT-RKP 16R08M-TE	RE 0.8	a_p 1.00 f_z 0.12	7.00 0.20	13.00 0.28	●	●	○										

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

NT-RKP		REKPLUS Shouldering 90°					ISO513	HC-PVD						HC-CVD	HW	HT								
								JP5520	JP5530	JP7615	JP7525	JP8625	JP9535	JP9635	JC7515	JU6520	JU4525							
	Size	IC	S	D1	AN	P	80 250	60 230			80 250					160 350								
	11	6.35	3.50	2.80	11°	M	60 160	60 150			60 200	60 200				100 240								
	16	9.525	4.76	4.50	11°	K			120 250	100 240				120 350		160 380								
						N									200 1000									
						S					40 100	40 100												
						H																		
GRADE APPLICATION AREA		Light cut, stable machining																						
main application		Variable condition, general machining				+																		
applicable		Heavy cut, unstable machining				-																		
STRAIGHT TYPE	AL polished surface	NT-RKP 11R04G-AL	RE 0.4	a_p 0.50 f_z 0.10	4.50 0.17	8.00 0.25										●								
		11R08G-AL	RE 0.8	a_p 1.00 f_z 0.10	4.50 0.17	8.00 0.25											●							
		NT-RKP 16R08G-AL	RE 0.8	a_p 1.00 f_z 0.10	7.00 0.20	13.00 0.30											●							

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

TURNING

THREADING

MILLING

DRILLING

ADVANCED MATERIALS

ACCESSORIES

TURNING


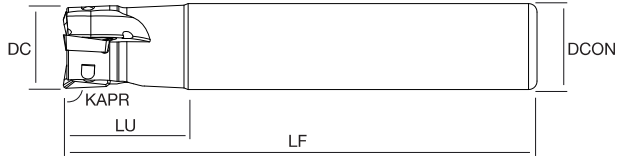


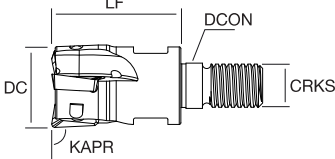

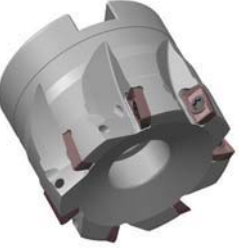
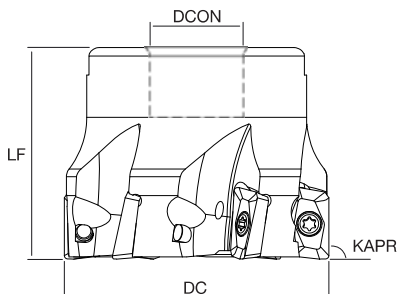

THREADING

MILLING

DRILLING

ADVANCED MATERIALS

ACCESSORIES

CYLINDRICAL			COOLANT 
SCREW-IN			COOLANT 
ARBOR			COOLANT 

REKPLUS Shouldering (KAPR 90°)	DC	Z	DCON	LF	LU	CRKS	WT	MIID
--	-----------	----------	-------------	-----------	-----------	-------------	-----------	-------------

	Model	Availability	Dimensions (mm)						Weight (kg)	MIID
			DC	Z	DCON	LF	LU	CRKS		
CYLINDRICAL	NT-RKP11	D016-S16-Z2	●	16	2	16	100	28	0.15	NT-RKP11
		D020-S16-Z3	●	20	3	16	110	28	0.25	
		D020-S20-Z3	●		3	20	110	28	0.30	
		D025-S20-Z3	●	25	3	20	120	35	0.40	
		D025-S25-Z3	●		3	25	120	35	0.50	
		D025-S25-Z4	●		4	25	120	35	0.50	
		D032-S25-Z4	●	32	4	25	130	35	0.60	
		D032-S32-Z4	●		4	32	130	35	1.00	
		D032-S32-Z5	●		5	32	130	35	1.00	
CYLINDRICAL	NT-RKP16	D025-S25-Z2	●	25	2	25	120	40	0.45	NT-RKP16
		D032-S32-Z3	●	32	3	32	130	45	0.75	
		D040-S32-Z4	●	40	4	32	150	40	1.00	
CYLINDRICAL LONG	NT-RKP11	D016-S15-Z2-L160	▲	16	2	15	160	28	0.25	NT-RKP11
		D016-S16-Z2-L150	▽		2	16	150	28	0.25	
		D016-S16-Z2-L160	▲		2	16	150	28	0.30	
		D017-S16-Z2-L170	▲	17	2	16	170	28	0.35	
		D020-S19-Z3-L200	▲	20	3	19	200	28	0.50	
		D020-S20-Z3-L200	●		3	20	200	28	0.50	

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

REKPLUS Shouldering (KAPR 90°)				DC	Z	DCON	LF	LU	CRKS	WT	MIID	
CYLINDRICAL LONG	NT-RKP11	D021-S20-Z3-L210	▲	21	3	20	210	28		0.50	NT-RKP11	
		D025-S24-Z3-L250	▲	25	3	24	250	35		1.00		
		D025-S25-Z3-L250	▲		3	25	250	35		1.00		
		D026-S25-Z3-L260	▲	26	3	25	260	35		1.00		
WELDON	NT-RKP11	D016-W16-Z2-L080	●	16	2	16	80	28		0.15	NT-RKP11	
		D020-W20-Z3-L090	●	20	3	20	90	28		0.20		
		D025-W25-Z4-L100	●	25	4	25	100	35		0.35		
SCREW-IN	NT-RKP11	D016-M08-Z2	●	16	2	8.5	25		M8	0.05	NT-RKP11	
		D020-M10-Z2	●		20	2	10.5	30		M10		0.10
		D020-M10-Z3	●	3		10.5	30		M10	0.10		
		D025-M12-Z3	●	25	3	12.5	35		M12	0.15		
		D025-M12-Z4	●		4	12.5	35		M12	0.15		
		D032-M16-Z4	●	32	4	17	43		M16	0.25		
		D032-M16-Z5	●		5	17	43		M16	0.25		
ARBOR	NT-RKP11	D040-F16-Z5	●	40	5	16	40			0.25	NT-RKP11	
		D040-F16-Z6	●		6	16	40			0.25		
		D050-F22-Z5	●	50	5	22	40			0.45		
		D050-F22-Z7	●		7	22	40			0.45		
		D063-F22-Z6	●	63	6	22	40			0.65		
		D063-F22-Z8	●		8	22	40			0.65		
		D080-F27-Z7	●	80	7	27	50			1.20		
		D080-F27-Z10	●		10	27	50			1.20		
	NT-RKP16	NT-RKP16	D040-F16-Z4	●	40	4	16	40			0.25	NT-RKP16
			D050-F22-Z4	●	50	4	22	40			0.50	
			D050-F22-Z5	●		5	22	40			0.50	
			D063-F22-Z5	●	63	5	22	40			0.80	
			D063-F22-Z6	●		6	22	40			0.80	
			D080-F27-Z6	●	80	6	27	50			1.20	
			D080-F27-Z8	●		8	27	50			1.20	
D100-F32-Z8			●	100	8	32	50			1.70		

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion

	SCREW	WRENCH
NT-RKP11	 NT-ST018 torque 1.2 Nm	 NT-FTB08
NT-RKP16	NT-ST017* torque 3.5 Nm	NT-FTB15

* for NT-RKP16 D025-S25-Z2 the insert screw is NT-ST019

TURNING

THREADING

MILLING

DRILLING

ADVANCED MATERIALS

ACCESSORIES