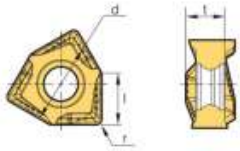
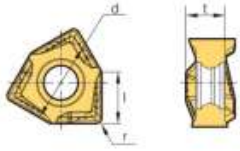
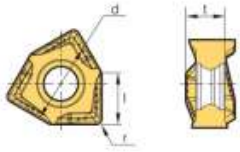
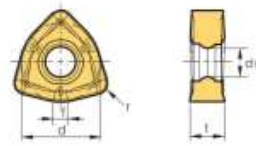
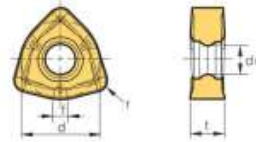
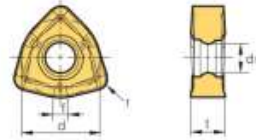
Workpiece		CN2000	CN30	NCM535	NCM545	PC2505	PC2510	PC2010	PC3600	PC3700	PC6510	PC9530	PC9540	PC5300	PC5400	ST30A	H01
Steel	P	●	⧗	●	●	●	⧗	⧗	⧗	⧗				⧗	✱	⧗	
Stainless steel	M							●				⧗	✱	⧗	✱		
Cast iron	K			●	●	⧗	⧗	⧗			●			⧗	✱		●
Non-ferrous metal	N																●
Heat resistant alloy, Titanium alloy	S													⧗	✱		
Hardened steel	H					●	⧗	⧗						⧗	✱		

Machining types

● Continuous cutting
⧗ General cutting
✱ Interrupted cutting

Inserts	Designation	Cermet CN2000	Cermet CN30	Coated NCM535	Coated NCM545	Coated PC2505	Coated PC2510	Coated PC2010	Coated PC3600	Coated PC3700	Coated PC6510	Coated PC9530	Coated PC9540	Coated PC5300	Coated PC5400	Uncoated ST30A	Uncoated H01	l	d	t	r	d_1	f	Geometries	Available tools
WNGX-MA	040304PNFR-MA																●	4.3	7.0	3.46	0.4	-	-		E110~ E114
	040308PNFR-MA																	4.3	7.0	3.46	0.8	-	-		
	040312PNFR-MA																●	4.3	7.0	3.46	1.2	-	-		
	040316PNFR-MA																●	4.3	7.0	3.46	1.6	-	-		
	080604PNFR-MA																●	8.2	13.0	6.4	0.4	-	-		
	080608PNFR-MA																●	8.2	13.0	6.4	0.8	-	-		
	080612PNFR-MA																	8.2	13.0	6.4	1.2	-	-		
	080616PNFR-MA																●	8.2	13.0	6.4	1.6	-	-		
	080620PNFR-MA																●	8.2	13.0	6.4	2.0	-	-		
WNGX-ML	040304PNER-ML								●		●			●	●			4.3	7.0	3.46	0.4	-	-		E110~ E114
	040308PNER-ML								●					●	●			4.3	7.0	3.46	0.8	-	-		
	040312PNER-ML													●				4.3	7.0	3.46	1.2	-	-		
	040316PNER-ML													●				4.3	7.0	3.46	1.6	-	-		
	080604PNER-ML								●	●			●	●	●			8.2	13.0	6.4	0.4	-	-		
	080608PNER-ML			●					●	●	●		●	●	●			8.2	13.0	6.4	0.8	-	-		
	080612PNER-ML													●				8.2	13.0	6.4	1.2	-	-		
	080616PNER-ML													●				8.2	13.0	6.4	1.6	-	-		
	080620PNER-ML													●				8.2	13.0	6.4	2.0	-	-		
WNGX-MM	040304PNSR-MM								●		●			●	●			4.3	7.0	3.46	0.4	-	-		E110~ E114
	040308PNSR-MM								●					●	●			4.3	7.0	3.46	0.8	-	-		
	040312PNSR-MM													●				4.3	7.0	3.46	1.2	-	-		
	040316PNSR-MM													●				4.3	7.0	3.46	1.6	-	-		
	080604PNSR-MM								●	●				●	●			8.2	13.0	6.4	0.4	-	-		
	080608PNSR-MM			●					●	●	●		●	●	●			8.2	13.0	6.4	0.8	-	-		
	080612PNSR-MM													●				8.2	13.0	6.4	1.2	-	-		
	080616PNSR-MM													●				8.2	13.0	6.4	1.6	-	-		
	080620PNSR-MM													●				8.2	13.0	6.4	2.0	-	-		
WNMX-MF	060312ZNN-MF								●					●	●			-	6.35	3.18	1.2	2.86	1.2		E281~ E291
	09T316ZNN-MF								●	●				●	●			-	9.525	3.97	1.6	3.6	1.7		
	130520ZNN-MF								●					●	●			-	12.7	5.56	2.0	4.7	2.5		
	160720ZNN-MF								●					●	●			-	16.0	7.0	2.0	5.8	3.0		
WNMX-ML	060312ZNN-ML													●	●			-	6.35	3.18	1.2	2.86	1.2		E281~ E291
	09T316ZNN-ML													●	●			-	9.525	3.97	1.6	3.6	1.7		
	130520ZNN-ML													●	●			-	12.7	5.56	2.0	4.7	2.5		
	160720ZNN-ML													●				-	16.0	7.0	2.0	5.8	3.0		
WNMX-MM	060312ZNN-MM					●	●		●	●				●	●			-	6.35	3.18	1.2	2.86	1.2		E281~ E291
	09T316ZNN-MM					●			●	●		●		●	●			-	9.525	3.97	1.6	3.6	1.7		
	130520ZNN-MM					●	●		●	●		●	●	●	●			-	12.7	5.56	2.0	4.7	2.5		
	160720ZNN-MM								●	●				●	●			-	16.0	7.0	2.0	5.8	3.0		

● : Stock item