

SNGX Inserts



Tolerances (mm)
I=±0.025 AE=±0.025



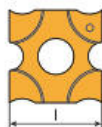
Inserts 10 PCS / Box

Dimensions (mm)		
Insert Code	AE	I
1102	2.3	11.0
1103	2.7	
1203	3.2	12.7
1204	4.0	
12045	4.5	
1205	5.4	
1207	7.0	

Inserts	Order Code	Cutting Rake	Grades							
			Carbide					Cermet		Uncoated
			B100	C200	C250	F20	F30	CE100	CE60	K10
 E / ME / M	SNGX 1102-E	25 °								
	SNGX 1103-E									
	SNGX 1203-E									
	SNGX 1204-E									
	SNGX 12045-E									
	SNGX 1205-E									
	SNGX 1207-E									
	SNGX 1102-ME	15 °	⊙							
	SNGX 1103-ME		⊙							
	SNGX 1203-ME		⊙							
	SNGX 1204-ME		⊙							
	SNGX 12045-ME		⊙							
	SNGX 1205-ME		⊙							
	SNGX 1207-ME		⊙							
	SNGX 1102T-M	15 °								
	SNGX 1103T-M									
	SNGX 1203T-M									
	SNGX 1204T-M									
	SNGX 12045T-M									
	SNGX 1205T-M									
	SNGX 1207T-M									

- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron Steel/Stainless Steel/Cast Iron
- Prices and stocks are based on present conditions
- Please specify model numbers and the grade of inserts, ie.: SNGX 1102-E,F20

SNGW Inserts



Tolerances (mm)
I=±0.025 AE=±0.025



Inserts 10 PCS / Box

Dimensions (mm)		
Insert Code	AE	I
1102	2.3	11.0
1103	2.7	
1203	3.2	12.7
1204	4.0	
12045	4.5	
1205	5.4	
1207	7.0	

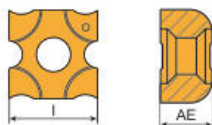
Inserts	Order Code	Cutting Rake	Grades							
			Carbide					Cermet		Uncoated
			B100	C200	C250	F20	F30	CE100	CE60	K10 CE
 E / ME / M	SNGW 1102-E	25 °								
	SNGW 1103-E									
	SNGW 1203-E									
	SNGW 1204-E									
	SNGW 12045-E									
	SNGW 1205-E									
	SNGW 1207-E									
	SNGW 1102-ME	15 °	⊗							
	SNGW 1103-ME		⊗							
	SNGW 1203-ME		⊗							
	SNGW 1204-ME		⊗							
	SNGW 12045-ME		⊗							
	SNGW 1205-ME		⊗							
	SNGW 1207-ME		⊗							
	SNGW 1102T-M	15 °								
	SNGW 1103T-M									
	SNGW 1203T-M									
	SNGW 1204T-M									
	SNGW 12045T-M									
	SNGW 1205T-M									
	SNGW 1207T-M									

- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron Steel/Stainless Steel/Cast Iron
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SNGW Inserts - R0.4~R3.0

* Fit Insert SNGW...R2.5 and R3.0, cutter have to modified (ask salesman).



Tolerances (mm)
I=±0.025 AE=±0.025



Inserts 10 PCS / Box

Dimensions (mm)			
Insert Code	AE	I	R
1102	2.3	11.0	0.4
1102			0.8
1103	2.7	11.0	0.4
1103			0.8
1203	3.2	12.7	0.4
1203			0.8
1203	4.0	12.7	1.2
1203			1.6
1204	4.0	12.7	0.4
1204			0.8
1204	4.5	12.7	1.2
1204			1.6
12045	4.5	12.7	0.4
12045			0.8
12045	4.5	12.7	1.2
12045			1.6

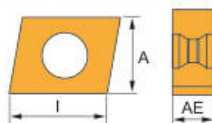
Dimensions (mm)			
Inserts Code	AE	I	R
12045	4.5	12.7	1.6
12045			2.0
1205	5.4	12.7	0.4
1205			0.8
1205	5.4	12.7	1.2
1205			1.6
1205	7.0	12.7	2.0
1205			2.5
1207	7.0	12.7	0.4
1207			0.8
1207	7.0	12.7	1.2
1207			1.6
1207	7.0	12.7	2.0
1207			2.5
1207	7.0	12.7	3.0
1207			3.0

Inserts	Order Code	Cutting Rake	Grades									
			Carbide					Cermet		Uncoated		
			B100	C200	C250	F20	F30	CE100	CE60	K10	CE	
 ME	SNGW 1102R04-ME	15 °	⊗									
	SNGW 1102R08-ME		⊗									
	SNGW 1103R04-ME		⊗									
	SNGW 1103R08-ME		⊗									
	SNGW 1203R04-ME		⊗									
	SNGW 1203R08-ME		⊗									
	SNGW 1203R12-ME		⊗									
	SNGW 1204R04-ME		⊗									
	SNGW 1204R08-ME		⊗									
	SNGW 1204R12-ME		⊗									
	SNGW 1204R16-ME		⊗									
	SNGW 12045R04-ME		⊗									
	SNGW 12045R08-ME		⊗									
	SNGW 12045R12-ME		⊗									
	SNGW 12045R16-ME		⊗									
	SNGW 12045R20-ME		⊗									
	SNGW 1205R04-ME		⊗									
	SNGW 1205R08-ME		⊗									
	SNGW 1205R12-ME		⊗									
	SNGW 1205R16-ME		⊗									
	SNGW 1205R20-ME		⊗									
	SNGW 1205R25-ME		⊗									
	SNGW 1207R04-ME		⊗									
	SNGW 1207R08-ME		⊗									
	SNGW 1207R12-ME		⊗									
	SNGW 1207R16-ME		⊗									
	SNGW 1207R20-ME		⊗									
	SNGW 1207R25-ME		⊗									
	SNGW 1207R30-ME		⊗									

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- Steel/Stainless Steel/Cast Iron

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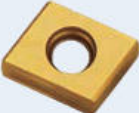
CNGX Inserts



Tolerances (mm)

I=±0.025 AE=±0.025 A=±0.025

Dimensions (mm)			
Insert Code	AE	I	A
1005	5.4	10.0	10
1305		12.7	
1605		16.0	

Inserts	Order Code	Grades									
		Carbide					Cermets		Uncoated		
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE	
	CNGX 1005-E										
	CNGX 1305-E										
	CNGX 1605-E										
	CNGX 1005-ME										
	CNGX 1305-ME										
	CNGX 1605-ME										
	CNGX 1005T-M										
	CNGX 1305T-M										
	CNGX 1605T-M										

- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron Steel/Stainless Steel/Cast Iron

Prices and stocks are based on present conditions

Please specify model numbers and the grade of inserts, ie.: CNGX 1005-E,F20

Recommendation-LNGT Inserts

LNGT Insert Grade Selection

Material group	Recom. fz (mm/tooth)	Inserts			
		LNGT ... M	LNGT...ME	LNGT...EE	
1	0.04-0.12	B100	B100	-	-
2	0.04-0.10	B100	B100	-	-
3	0.04-0.10	B100	B100	-	-
4	0.04-0.10	B100	B100	-	-
5	0.04-0.08	B100	B100	-	-
6	0.04-0.07	B100	B100	-	-
7	0.03-0.06	-	B100	-	-
8	0.04-0.12	-	B100	-	-
9	0.04-0.10	-	B100	-	-
10	0.04-0.09	-	B100	-	-
11	0.04-0.08	-	B100	-	-
12	0.04-0.12	-	F20	-	-
13	0.04-0.12	-	F20	-	-
14	0.04-0.11	-	F20	-	-
15	0.04-0.10	-	F20	-	-
16	0.06-0.13	-	-	F20	-
17	0.06-0.12	-	-	F20	-
18	0.06-0.11	-	-	F20	-
19	0.06-0.09	-	B100	-	-
20	0.06-0.08	-	B100	-	-
21	0.04-0.06	-	B100	-	-
22	0.04-0.07	-	B100	-	-

