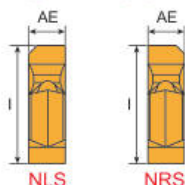


LNGT Inserts



Tolerances (mm)
AE=±0.02



Inserts 10 PCS / Box

Dimensions (mm)		
Cutter thickness (P)	AE	I
1.2	1.4	9
1.2	1.5	
1.4	1.6	

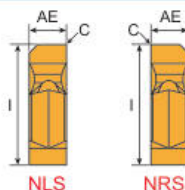
Inserts	Order Code	Grades								
		Carbide					Cermet		Uncoated	
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE
NLS	LNGT 1414NLS-EE									
	LNGT 1415NLS-EE									
	LNGT 1616NLS-EE									
NRS	LNGT 1414NRS-EE									
	LNGT 1415NRS-EE									
	LNGT 1616NRS-EE									

Inserts Sequencing
Position



(Interleaving one after another different one.)

Insert



Tolerances (mm)
AE=±0.02



Inserts 10 PCS / Box

Dimensions (mm)			
Cutter thickness (P)	AE	I	C
1.2	1.4	9	0.03
1.2	1.5		
1.4	1.6		

Inserts	Order Code	Grades								
		Carbide					Cermet		Uncoated	
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE
NLS	LNGT 1414NLS-M									
	LNGT 1415NLS-M									
	LNGT 1616NLS-M									
	LNGT 1414NLS-ME	⊙								
	LNGT 1415NLS-ME	⊙								
	LNGT 1616NLS-ME	⊙								
NRS	LNGT 1414NRS-M									
	LNGT 1415NRS-M									
	LNGT 1616NRS-M									
	LNGT 1414NRS-ME	⊙								
	LNGT 1415NRS-ME	⊙								
	LNGT 1616NRS-ME	⊙								

Inserts Sequencing
Position

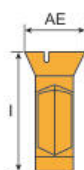


(Interleaving one after another different one.)

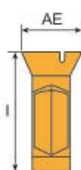
- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron Steel/Stainless Steel/Cast Iron
- Prices and stocks are based on present conditions
- Please specify model numbers and the grade of inserts, ie: LNGT 1414NLS-M,B100



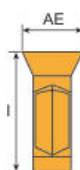
LNGT Inserts



NLS



NRS



NS

Tolerances (mm)
AE=±0.02

Only applicable
in cutter width
6,8mm

Dimensions (mm)		
Cutter thickness (P)	AE	I
1.6	1.8	9
1.75	2.0, 2.2, 2.5	
2.25	2.5, 2.7, 3.0	
2.7	3.0, 3.2, 3.5	
3.7	4.0, 4.2, 4.5	
4.5	5.0, 5.2, 5.5	

Inserts	Order Code	Grades								
		Carbide					Cermat		Uncoated	
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE
NLS	LNGT 1818NLS-EE									
	LNGT 2020NLS-EE									
	LNGT 2022NLS-EE									
	LNGT 2025NLS-EE									
	LNGT 2525NLS-EE									
	LNGT 2527NLS-EE									
	LNGT 2530NLS-EE									
	LNGT 3030NLS-EE									
	LNGT 3032NLS-EE									
	LNGT 3035NLS-EE									
	LNGT 4040NLS-EE									
	LNGT 4042NLS-EE									
	LNGT 4045NLS-EE									
	LNGT 5050NLS-EE									
	LNGT 5052NLS-EE									
	LNGT 5055NLS-EE									
NRS	LNGT 1818NRS-EE									
	LNGT 2020NRS-EE									
	LNGT 2022NRS-EE									
	LNGT 2025NRS-EE									
	LNGT 2525NRS-EE									
	LNGT 2527NRS-EE									
	LNGT 2530NRS-EE									
	LNGT 3030NRS-EE									
	LNGT 3032NRS-EE									
	LNGT 3035NRS-EE									
	LNGT 4040NRS-EE									
	LNGT 4042NRS-EE									
	LNGT 4045NRS-EE									
	LNGT 5050NRS-EE									
	LNGT 5052NRS-EE									
	LNGT 5055NRS-EE									
NS	LNGT 5050NS-EE									

Inserts Sequencing
Position



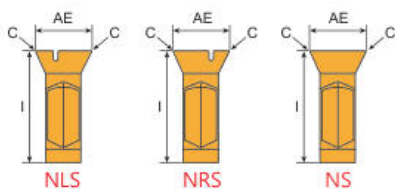
(Interleaving one after
another different one.)



Inserts 10 PCS / Box

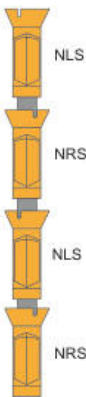
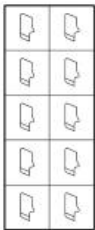
- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron
- Prices and stocks are based on present conditions
- Please specify model numbers and the grade of inserts, ie.: LNGT 2020NLS-EE, F20

LNGT Inserts

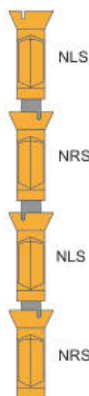


Tolerances (mm)
AE: ± 0.02

Dimensions (mm)			
Cutter thickness (P)	AE	I	C
1.6	1.8	9	0.05
1.75	2.0, 2.2, 2.5		
2.25	2.5, 2.7, 3.0		
2.7	3.0, 3.2, 3.5		
3.7	4.0, 4.2, 4.5		
4.5	5.0, 5.2, 5.5		

Inserts	Order Code	Grades									
		Carbide					Cermet	Uncoated			
		B100	C200	C250	F20	F30	CE100	CE60	K10		CE
NLS	LNGT 1818NLS-M										Inserts Sequencing Position  (Interleaving one after another different one.) 
	LNGT 2020NLS-M										
	LNGT 2022NLS-M										
	LNGT 2025NLS-M										
	LNGT 2525NLS-M										
	LNGT 2527NLS-M										
	LNGT 2530NLS-M										
	LNGT 3030NLS-M										
	LNGT 3032NLS-M										
	LNGT 3035NLS-M										
	LNGT 4040NLS-M										
	LNGT 4042NLS-M										
	LNGT 4045NLS-M										
	LNGT 5050NLS-M										
LNGT 5052NLS-M											
LNGT 5055NLS-M											
NRS	LNGT 1818NRS-M										
	LNGT 2020NRS-M										
	LNGT 2022NRS-M										
	LNGT 2025NRS-M										
	LNGT 2525NRS-M										
	LNGT 2527NRS-M										
	LNGT 2530NRS-M										
	LNGT 3030NRS-M										
	LNGT 3032NRS-M										
	LNGT 3035NRS-M										
	LNGT 4040NRS-M										
	LNGT 4042NRS-M										
	LNGT 4045NRS-M										
	LNGT 5050NRS-M										
LNGT 5052NRS-M											
LNGT 5055NRS-M											
NS	LNGT 5050NS-M										

Inserts Sequencing
Position



(Interleaving one after another different one.)

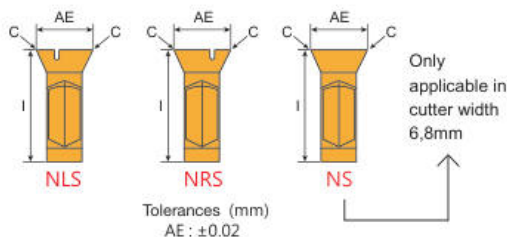


Inserts 10 PCS / Box

-  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, i.e.: LNGT 2020NLS-M,B100



LNGT Inserts



Dimensions (mm)			
Cutter thickness (P)	AE	I	C
1.6	1.8	9	0.05
1.75	2.0, 2.2, 2.5		
2.25	2.5, 2.7, 3.0		
2.7	3.0, 3.2, 3.5		
3.7	4.0, 4.2, 4.5		
4.5	5.0, 5.2, 5.5		

Inserts	Order Code	Grades								
		Carbide					Cermet		Uncoated	
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE
NLS	LNGT 1818NLS-ME	⊗								
	LNGT 2020NLS-ME	⊗								
	LNGT 2022NLS-ME	⊗								
	LNGT 2025NLS-ME	⊗								
	LNGT 2527NLS-ME	⊗								
	LNGT 2530NLS-ME	⊗								
	LNGT 3030NLS-ME	⊗								
	LNGT 3032NLS-ME	⊗								
	LNGT 3035NLS-ME	⊗								
	LNGT 4040NLS-ME	⊗								
	LNGT 4042NLS-ME	⊗								
	LNGT 4045NLS-ME	⊗								
	LNGT 5050NLS-ME	⊗								
	LNGT 5052NLS-ME	⊗								
	LNGT 5055NLS-ME	⊗								
NRS	LNGT 1818NRS-ME	⊗								
	LNGT 2020NRS-ME	⊗								
	LNGT 2022NRS-ME	⊗								
	LNGT 2025NRS-ME	⊗								
	LNGT 2527NRS-ME	⊗								
	LNGT 2530NRS-ME	⊗								
	LNGT 3030NRS-ME	⊗								
	LNGT 3032NRS-ME	⊗								
	LNGT 3035NRS-ME	⊗								
	LNGT 4040NRS-ME	⊗								
	LNGT 4042NRS-ME	⊗								
	LNGT 4045NRS-ME	⊗								
	LNGT 5050NRS-ME	⊗								
	LNGT 5052NRS-ME	⊗								
	LNGT 5055NRS-ME	⊗								
NS	LNGT 5050NS-ME	⊗								

Inserts Sequencing
Position



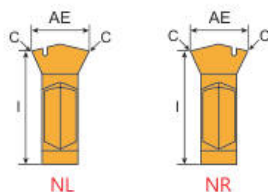
(Interleaving one after another different one.)



Inserts 10 PCS / Box

- 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.: LNGT 2020NLS-ME,B100

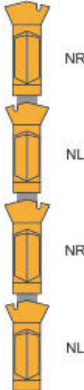
LNGT Inserts



V shape insert designed for superior stability and durability

Tolerances (mm)
AE : ±0.02

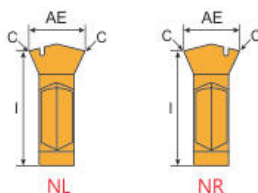
Dimensions (mm)			
Cutter thickness (P)	AE	I	C
1.75	2.0	9	0.05
	2.2		
	2.5		
2.25	2.5		
	2.7		
	3.0		
2.7	3.0		
	3.2		
	3.5		
3.7	4.0		
	4.2		
	4.5		
4.5	5.0		
	5.2		
	5.5		

Inserts	Order Code	Grades										
		Carbide					Cermet		Uncoated			
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE		
NL	LNGT 2020NL-M										 Inserts Sequencing Position	
	LNGT 2022NL-M											NR
	LNGT 2025NL-M											
	LNGT 2525NL-M											NL
	LNGT 2527NL-M											
	LNGT 2530NL-M											NR
	LNGT 3030NL-M											
	LNGT 3032NL-M											NL
	LNGT 3035NL-M											
	LNGT 4040NL-M											NR
	LNGT 4042NL-M											
	LNGT 4045NL-M											NL
	LNGT 5050NL-M											
LNGT 5052NL-M												
LNGT 5055NL-M												
NR	LNGT 2020NR-M										 (Interleaving one after another different one.)	
	LNGT 2022NR-M											
	LNGT 2025NR-M											
	LNGT 2525NR-M											
	LNGT 2527NR-M											
	LNGT 2530NR-M											
	LNGT 3030NR-M											
	LNGT 3032NR-M											
	LNGT 3035NR-M											
	LNGT 4040NR-M											
	LNGT 4042NR-M											
	LNGT 4045NR-M											
	LNGT 5050NR-M											
LNGT 5052NR-M												
LNGT 5055NR-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.: LNGT 2020NL-M, B100



LNGT Inserts



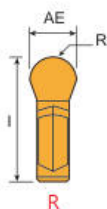
Tolerances (mm)
AE : ±0.02

Dimensions (mm)			
Cutter thickness(P)	AE	I	C
1.75	2.0	9	0.05
	2.2		
	2.5		
2.25	2.5		
	2.7		
	3.0		
2.7	3.0		
	3.2		
	3.5		
3.7	4.0		
	4.2		
	4.5		
4.5	5.0		
	5.2		
	5.5		

Inserts	Order Code	Grades									
		Carbide					Cermet		Uncoated		
		B100	C200	C250	F20	F30	CE100	CE60	K10	CE	
NL	LNGT 2020NL-ME	⊙									Inserts Sequencing Position  NR NL NR NL
	LNGT 2022NL-ME	⊙									
	LNGT 2025NL-ME	⊙									
	LNGT 2525NL-ME	⊙									
	LNGT 2527NL-ME	⊙									
	LNGT 2530NL-ME	⊙									
	LNGT 3030NL-ME	⊙									
	LNGT 3032NL-ME	⊙									
	LNGT 3035NL-ME	⊙									
	LNGT 4040NL-ME	⊙									
	LNGT 4042NL-ME	⊙									
	LNGT 4045NL-ME	⊙									
	LNGT 5050NL-ME	⊙									
LNGT 5052NL-ME	⊙										
LNGT 5055NL-ME	⊙										
NR	LNGT 2020NR-ME	⊙									(Interleaving one after another different one.)  Inserts 10 PCS / Box
	LNGT 2022NR-ME	⊙									
	LNGT 2025NR-ME	⊙									
	LNGT 2525NR-ME	⊙									
	LNGT 2527NR-ME	⊙									
	LNGT 2530NR-ME	⊙									
	LNGT 3030NR-ME	⊙									
	LNGT 3032NR-ME	⊙									
	LNGT 3035NR-ME	⊙									
	LNGT 4040NR-ME	⊙									
	LNGT 4042NR-ME	⊙									
	LNGT 4045NR-ME	⊙									
	LNGT 5050NR-ME	⊙									
	LNGT 5052NR-ME	⊙									
	LNGT 5055NR-ME	⊙									

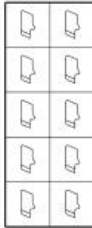
- Steel Stainless Steel Steel/Stainless Steel /Super alloy Cast Iron Aluminum Steel/Cast Iron
- Steel/Stainless Steel/Cast Iron
- Prices and stocks are based on present conditions
- Please specify model numbers and the grade of inserts, ie.: LNGT 2020NL-ME,B100

LNGT Inserts



Tolerances (mm)
AE : ± 0.02

Dimensions (mm)			
Cutter thickness (P)	AE	I	R
1.2	1.5	9	0.75
1.75	2.0		1.0
2.25	2.5		1.25
2.7	3.0		1.5

Inserts	Order Code	Grades									
		Carbide					Cermet		Uncoated		
		B100	C200	C250	F20	F30	CE100	CE60	K10		CE
R	LNGT 1415R075-ME	⊙									Inserts Sequencing Position   Inserts 10 PCS / Box
	LNGT 2020R100-ME	⊙									
	LNGT 2525R125-ME	⊙									
	LNGT 3030R150-ME	⊙									

- 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.: LNGT 1415R075-ME,B100



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