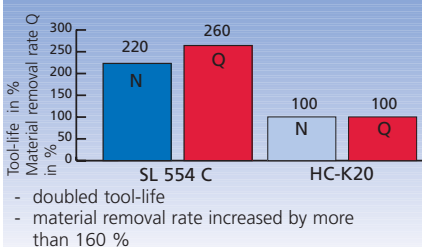


# SL 554 C

## Coated silicon nitride for High-Performance Turning

Creation of added value when machining gears made of SNG 700-2



The multi-layer TiCN-TiN coating of the grade SL 554 C significantly reduces the wear that usually appears in rough machining of gray cast iron and nodular cast iron, and hence prolongs the tool life of the cutting insert. Apart from high cutting data, it also enables high metal removal rates and considerable

increases in productivity. No matter whether machining operations are performed with continuous or interrupted cuts - the grade SL 554 C will unfold its full performance and improve your level of value creation.

### RANGE OF APPLICATIONS

#### Rough turning operations

- ◆ on lamellar cast iron
- ◆ on nodular cast iron
- ◆ performed with either continuous or interrupted cuts

### RECOMMENDED CUTTING DATA

$v_c = 500 - 1200 \text{ m/min}$   
 $f = 0,35 - 1,0 \text{ mm/rev}$   
 $a_p = 2,5 - 5,0 \text{ mm}$

### DIRECT LINE

for information:

E-Mail: [cutting\\_tools@ceramtec.de](mailto:cutting_tools@ceramtec.de)  
 Telefon: +49 - 71 63 - 1 66-239

**To improve the value creation of machining operations both technical and economical competencies are required**

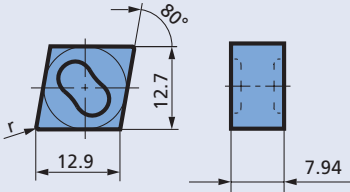
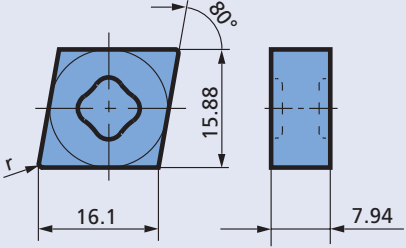
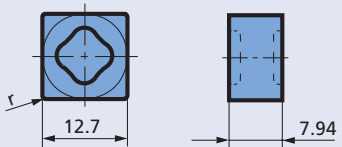
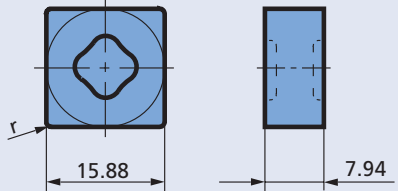
Solutions which are technologically flawless will not always be highly economic. The same is true vice versa as not every economic solution will be the best in view of technological aspects. The customers of SPK will not be bothered by such problems because they know that only solutions considering both criteria will offer the highest level of value creation. After all, improving value creation in machining is our favourite topic.

**For detailed information please get in touch with us**

# Basisprogramm SL 554 C

## Basic range SL 554 C

### Programme de base SL 554 C

Schneidplatte Insert Plaque de coupe	ISO	Sorte Grade Nuance	SPK-Best. Nr. SPK ref. no. N° de réf. SPK
<b>CNMX 1207 .. T</b> 	<b>CNMX 12 07 12 T02020</b>	<b>SL 554 C</b>	17.54.031.04.4
	<b>CNMX 12 07 16 T02020</b>	<b>SL 554 C</b>	17.54.032.04.4
<b>CNMX 1607 .. T</b> 	<b>CNMX 16 07 12 T02020</b>	<b>SL 554 C</b>	17.54.081.04.4
	<b>CNMX 16 07 16 T02020</b>	<b>SL 554 C</b>	17.54.082.04.4
<b>SNMX 1207 .. T</b> 	<b>SNMX 12 07 12 T02020</b>	<b>SL 554 C</b>	17.14.162.04.4
	<b>SNMX 12 07 16 T02020</b>	<b>SL 554 C</b>	17.14.163.04.4
<b>SNMX 1507 .. T</b> 	<b>SNMX 15 07 12 T02020</b>	<b>SL 554 C</b>	17.14.131.04.4
	<b>SNMX 15 07 16 T02020</b>	<b>SL 554 C</b>	17.14.132.04.4

**Weitere Geometrien und Fasenausführungen auf Anfrage**

Further geometry and chamfer remarks on request

Autres géométries et réalisations de chanfrein sur demande