



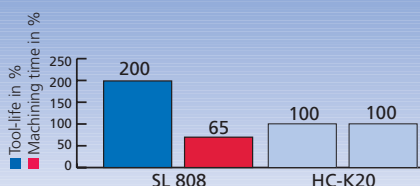
Tools, tips & productivity



SL 808

New silicon nitride for High-Performance Milling

Creation of added value when milling housing made of SNG 420/12 SL 808 in comparison to HC-K20



- doubled tool-life
- decrease of machining time of 35 %

The combination of an excellent wear resistance with highest toughness makes the SL 808 the universal grade for high-performance milling of gray cast iron and nodular cast iron.

High machining speeds enable high material removal rates with an extraordinary process reliability, also under severe cutting conditions.

An increase of the material removal rate of 40 % and more can be achieved. Tool-life can be increased as well up to double quantity of manufactured pieces.

High productivity, decrease of production time and costs: The SL 808 ist the best choice to create added value when milling.

RANGE OF APPLICATION

High-Performance milling of

- ◆ Gray cast iron
- ◆ Nodular cast iron

RECOMMENDED CUTTING DATA

◆ Gray cast iron

$v_c = 1000 - 1500 \text{ m/min}$
 $f_z = 0,1 - 0,3 \text{ mm/tooth}$
 $a_p = 1,0 - 5,0 \text{ mm}$

◆ Nodular cast iron

$v_c = 600 - 1000 \text{ m/min}$
 $f_z = 0,1 - 0,3 \text{ mm/tooth}$
 $a_p = 1,0 - 5,0 \text{ mm}$

DIRECT LINE

for information:

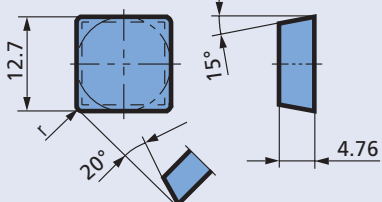
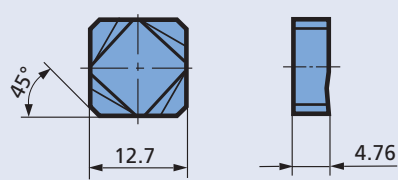
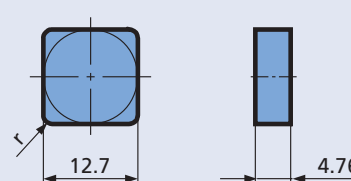
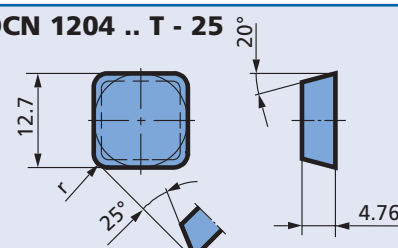
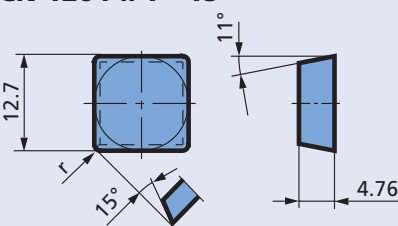
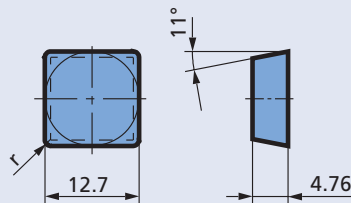
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This is how we will optimize the productivity of your manufacturing operations:

engineering of machining processes
+
tool holder systems
+
high-performance cutting materials
=
our services for improved value creation
in your production

For detailed information
please get in touch with us

Schneidplatte Insert Plaquette de coupe	ISO	Sorte Grade Nuance	SPK-Best. Nr. SPK ref. no. N° de réf. SPK
SDCN 1204 .. T - 20 	SDCN 12 04 08 T - 20	SL 808	17.12.340.20.1
	SDCN 12 04 12 T - 20	SL 808	17.12.341.20.1
SNER 1204 ZN E - HC 	SNER 12 04 ZN E - HC	SL 808	17.10.405.42.1
SNGN 1204 .. T 01020 	SNGN 12 04 08 T 01020	SL 808	17.10.009.20.1
	SNGN 12 04 12 T 01020	SL 808	17.10.058.20.1
SOCN 1204 .. T - 25 	SOCN 12 04 16 T - 25	SL 808	17.12.314.20.1
SPCN 1204 .. T - 15 	SPCN 12 04 16 T - 15	SL 808	17.12.325.20.1
SPGN 1204 .. T 01020 	SPGN 12 04 12 T 01020	SL 808	17.12.163.20.1

Weitere Geometrien und Fasenausführungen auf Anfrage

Further geometry and chamfer remarks on request

Autres géométries et réalisations de chanfrein sur demande