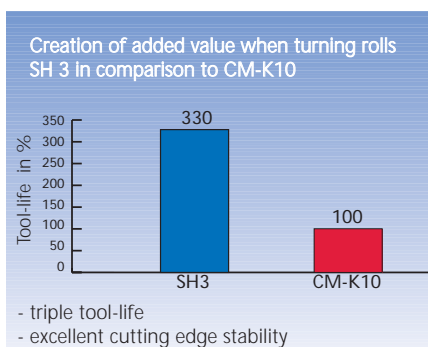




SH 3

High-Performance Roll Turning and Finishing



The SPK mixed-ceramic grade SH 3 will unfold its full performance potential when confronted with the extreme requirements of hard machining. This means that it allows for meeting high demands in respect of surface qualities and dimensional and shape tolerances, and at the same time offers high reliability.

Its high wear resistance and toughness as well as its excellent edge stability make

the grade SH 3 particularly destined for turning rolls preferably featuring a hardness of up to approx. 75 shore C.

Apart from that, this grade will provide convincing results in finishing operations on gray cast iron and nodular cast iron, where it performs either with continuous or interrupted cuts. Turning of hardened steel represents an additional area of application.

RANGE OF APPLICATIONS

Machining of rolls made of chilled cast iron or steel up to approx. 75 shore C

Hardened steels of up to approx. 64 HRC

Gray cast and nodular cast iron
(finishing and fine finishing)

RECOMMENDED CUTTING DATA

Hard materials		Cast iron	
v_c	= 80 - 160 m/min	v_c	= 400 - 1200 m/min
f	= 0,12 - 0,4 mm/rev	f	= 0,08 - 0,6 mm/rev
a_p	= 0,5 - 2,0 mm	a_p	= 0,2 - 1,0 mm

DIRECT LINE

for information :
E-Mail: cutting_tools@ceramtec.de
Phone: +49 - 71 63 - 1 66-239

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

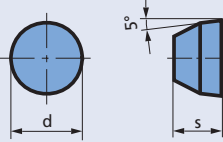
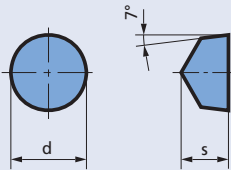
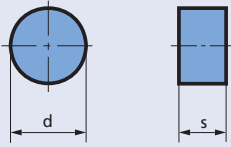
engineering of machining processes
+
tool holder systems
+
high-performance cutting materials
=
our services for improved value creation
in your production

For detailed information
please get in touch with us

Basisprogramm SH 3

Basic range SH 3

Programme de base SH 3

Schneidplatte Insert Plaquette de coupe	ISO	Sorte Grade Nuance	SPK-Best. Nr. SPK ref. no. N° de réf. SPK
RBGN 	RBGN 06 04 MO S 05015	SH 3	17.42.192.31.7
	RBGN 07 04 MO S 05015	SH 3	17.42.193.31.7
	RBGN 08 04 MO S 05015	SH 3	17.42.194.31.7
	RBGN 10 07 MO S 05015	SH 3	17.42.195.31.7
	RBGN 12 07 MO P 86	SH 3	17.42.196.86.7
	S 20015	SH 3	17.42.196.26.7
	RBGN 16 07 MO P 86	SH 3	17.42.197.86.7
	S 20015	SH 3	17.42.197.26.7
	RBGN 20 07 MO P 86	SH 3	17.42.198.86.7
	S 20015	SH 3	17.42.198.26.7
	RBGN 25 07 MO P 86	SH 3	17.42.168.86.7
	S 20015	SH 3	17.42.168.26.7
RCGX 	RCGX 07 04 00 S 05015	SH 3	17.42.173.31.7
	RCGX 09 07 00 P 86	SH 3	17.42.103.86.7
	S 20015	SH 3	17.42.103.26.7
	RCGX 12 07 00 P 86	SH 3	17.42.104.86.7
	S 20015	SH 3	17.42.104.26.7
	RCGX 15 10 00 P 86	SH 3	17.42.105.86.7
	S 20015	SH 3	17.42.105.26.7
	RCGX 19 10 00 P 86	SH 3	17.42.106.86.7
	S 20015	SH 3	17.42.106.26.7
	RCGX 25 12 00 P 86	SH 3	17.42.111.86.7
S 20015	SH 3	17.42.111.26.7	
RNGN 	RNGN 12 07 00 P 85	SH 3	17.40.002.85.7
	S 20015	SH 3	17.40.002.27.7
	RNGN 15 07 00 P 85	SH 3	17.40.023.85.7
	S 20015	SH 3	17.40.023.27.7
	RNGN 19 07 00 P 85	SH 3	17.40.002.85.7
	S 20015	SH 3	17.40.002.27.7
	RNGN 25 07 00 P 85	SH 3	17.40.002.85.7
	S 20015	SH 3	17.40.002.27.7

Weitere Geometrien und Fasenausführungen auf Anfrage

Further geometry and chamfer remarks on request

Autres géométries et réalisations de chanfrein sur demande