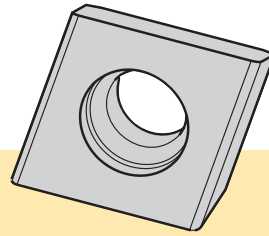


# MAPAL tangential inserts – guideline



2 cutting edges

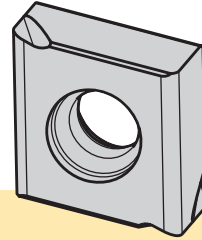
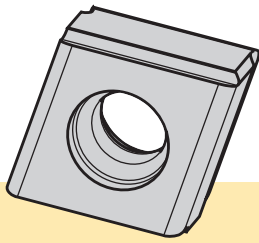
		CTXW-.....-L-... CTXW-.....-R-...	CTXW-.....-L-... CTXW-.....-R-...	CTXW- ..... -EN-L- ... CTXW- ..... -ZN-R- ... CTXW- ..... -EN-L- ... CTXW- ..... -ZN-R- ...
Application		-L- = left cutting -R- = right cutting  boring	-L- = left cutting -R- = right cutting  milling*	-L- = left cutting -R- = right cutting EN (for K = 75°) ZN (for K = 90°)  milling
<b>P</b>	steel		SQ	
<b>M</b>	stainless steel			
<b>K</b>	grey cast iron	SN, SM, SF, FT02	SU	SU, FT10
<b>N</b>	non ferrous metal	SN, D	SN, D	SN, D
<b>S</b>	high-temperature alloys			
<b>H</b>	hardened material	FT65		
catalogue page		page 34 – 39	page 40 – 43	page 44 – 45

SE: PVD/TiAlN-coating  
SF: CVD/TiN-coating  
SM: PVD/TiAlN-coating  
SN: uncoated

SP: uncoated  
SQ: PVD/TiAlN-coating  
SU: PVD/TiAlN-coating  
SX: PVD/TiAlN-coating

FT02: with PCBN-corner  
FT10: with PCBN-corner  
FT65: with PCBN-corner  
D: with PCD-full edge or with PCD-corner

# MAPAL tangential inserts – guideline



4 cutting edges

4 cutting edges

CTXQ- ..... -L- ...  
CTXQ- ..... -R- ...

CTXQ- ..... -L- ...  
CTXQ- ..... -R- ...

CTXU- ..... -L- ...  
CTXU- ..... -R- ...

-L- = left cutting  
-R- = right cutting

-L- = left cutting  
-R- = right cutting

-L- = left cutting  
-R- = right cutting

boring

milling

boring

SX

SX

SX

SM, SF

SE, SU

SM, SF

SN, D

SN, D

SN, D

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page 50 – 53

page 54 – 55

\*steel grades only for side milling cutters.