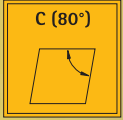
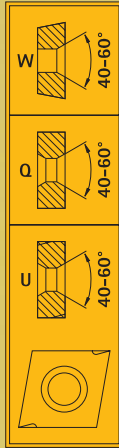


**C T X W 09 T3 04 F01**

insert form      tolerance      insert type      insert size      thickness      corner radius      cutting edge form



code	d	s
H	±0,013	±0,013
X	tol. smaller than "H"	



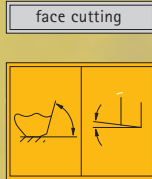
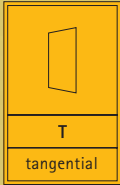
d(mm)	C
6.35	06-09
9.525	09-13
12.7	12-18

code	s(mm)
03	3.18
T3	3.97
04	4.76
05	5.56

code	r(mm)
02	0.2
04	0.4
08	0.8
12	1.2

code	form
F 01	sharp
E 01 ... 99	rounded
T 01 ... 99	f chamfered
S 01 ... 99	f chamfered and rounded

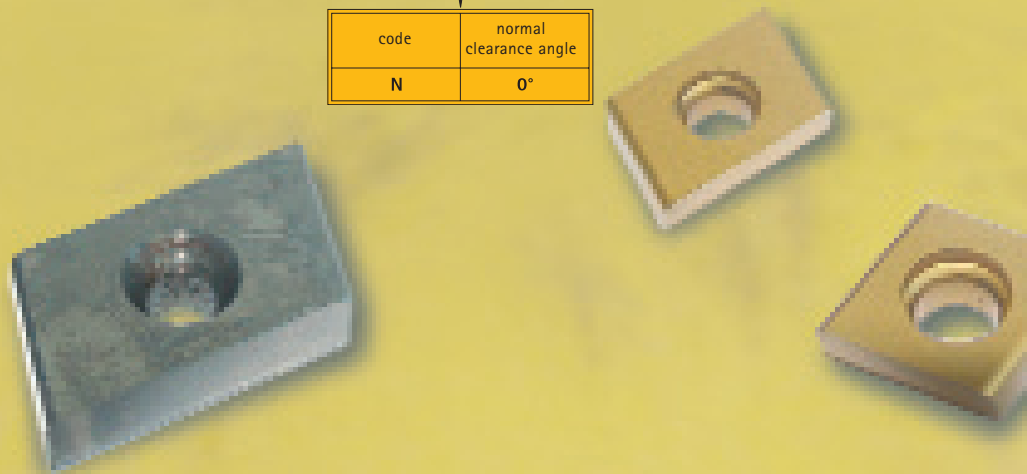
indexable insert

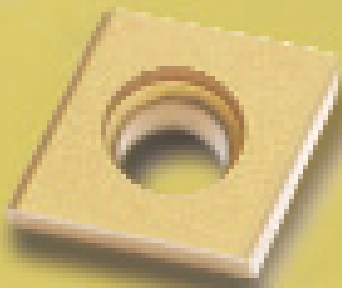
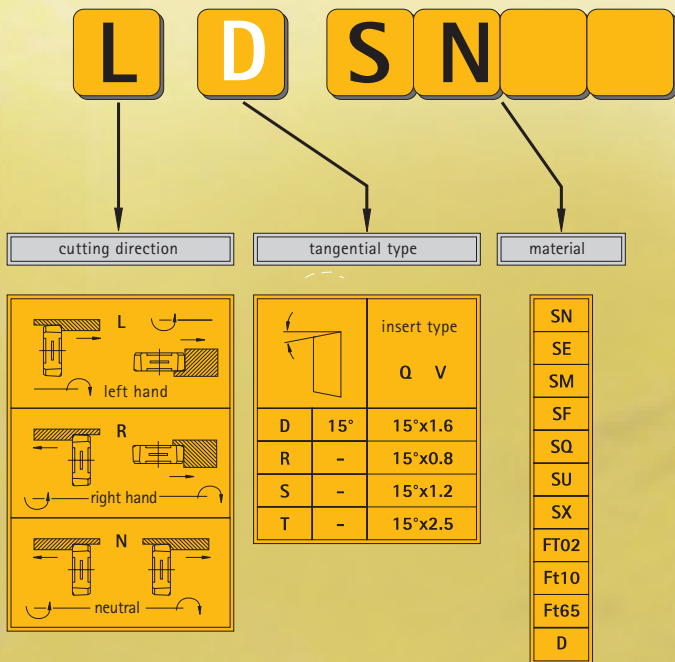


code	angle
E	75°
Z	special

code	normal clearance angle
N	0°

code	form
A	sharp
B	rounded
C	f chamfered
D	f chamfered and rounded





## Tangential inserts

The positive ground cutting edges on the tangential inserts allow an extremely smooth cut, which produces long tool life and good quality results. Compared to using standard ISO indexable inserts more inserts can also be incorporated onto the tool with the same or an even higher level of stability in tool body. This results in higher feed rates being applied.

As for economic machining of bores with complete tools with several steps and transitions, such tools are also available for milling. For example under stable conditions geometries, which would otherwise be expensive to achieve, are now produced by circular milling. Where it proves viable, suitable form inserts with special milling tools can produce excellent results.

The table on page 32 will help you select the right blade for the operation.

MAPAL tangential blades are listed in various sizes and coatings from page 34 onwards.



Tangential inserts