

The cutters can carry inserts T490 LN... PN... with straight cutting edge, T490 LNMT... CS... featuring a cutting edge with chip splitting grooves, and T490 LNMT...FW... with serrated cutting edge.

For mounting instructions refer to the "Related Insert" option, choose a relevant insert in it, and then apply the "More Info" mode.

Under conditions of sufficient technological rigidity, the recommended maximum width of cut (a_e max) for extended flute cutters carrying T490 LN... inserts is shown in the table below:

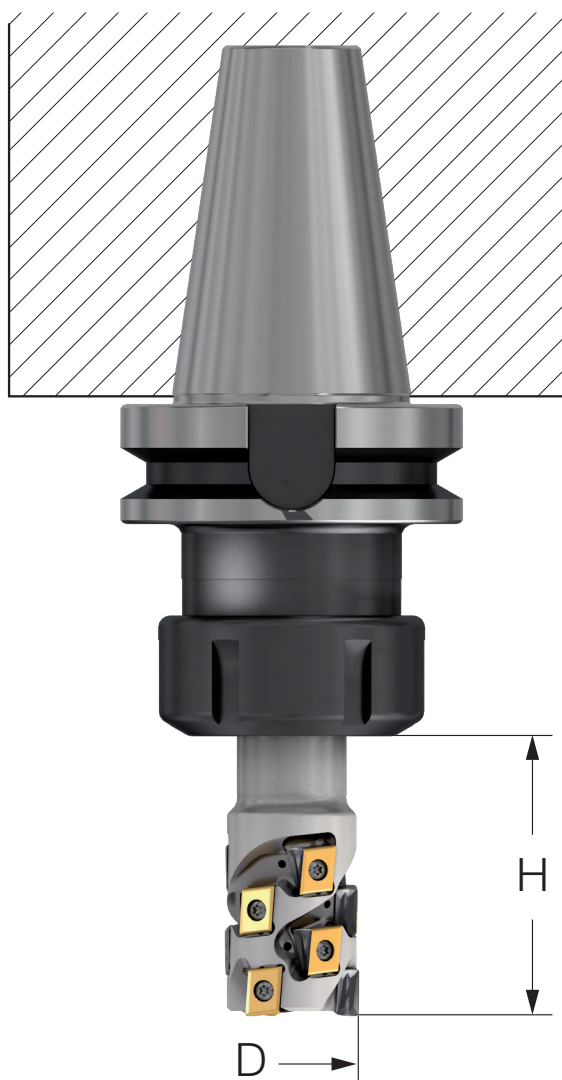
Overhang H	a_e max for insert types		
	PN...	CS	FW
Up to $2 \times D$	$0.2 \times D$	$0.3 \times D$	$0.4 \times D$
Over $2 \times D$ to $3 \times D$	$0.1 \times D$	$0.2 \times D$	$0.3 \times D$
Over $3 \times D$ to $4 \times D$	-	$0.1 \times D$	$0.2 \times D$
Over $4 \times D$	-	-	$0.1 \times D$

D – The diameter of a cutter

The overhang (H) depends on a cutter configuration.

The following figures illustrates how to estimate the overhang:

For cutters with shanks



For shell mills and integral cutters

