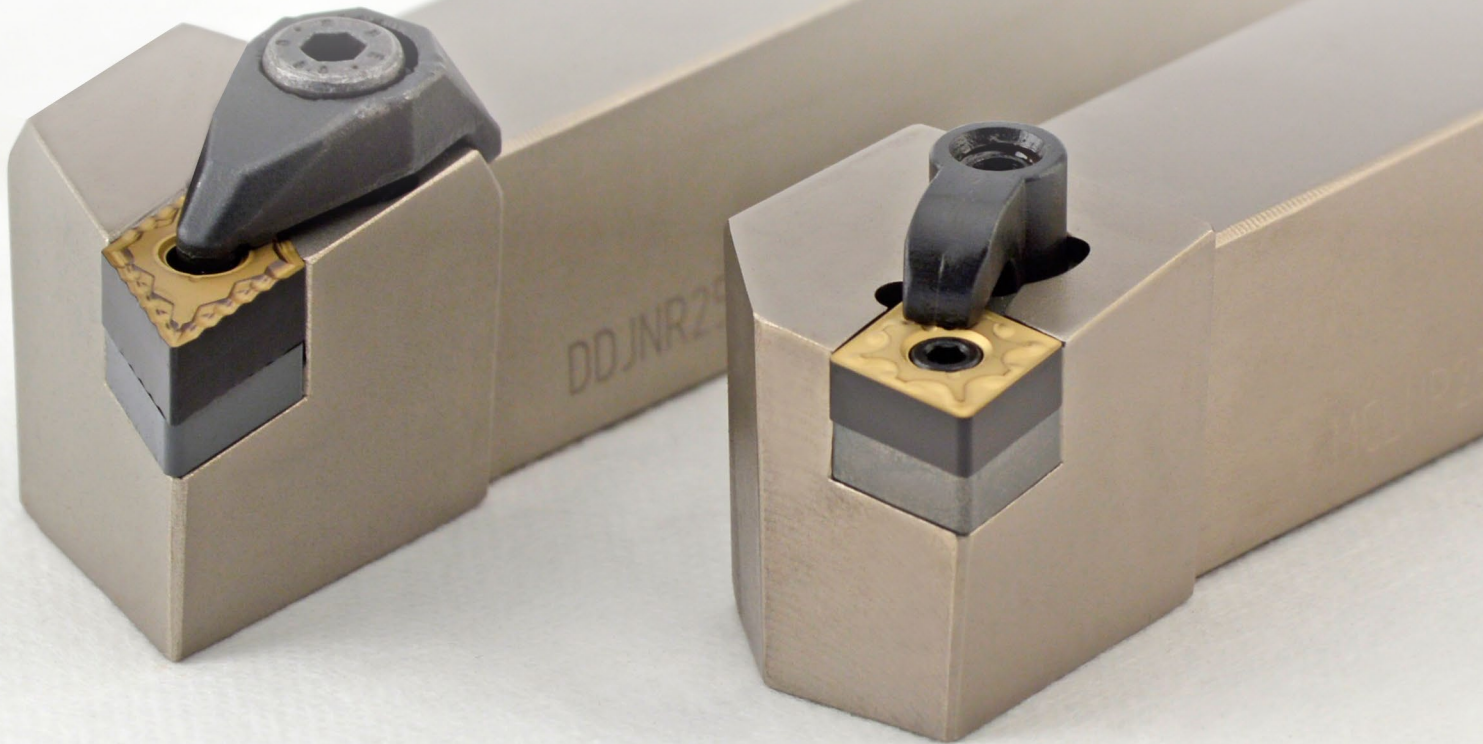




CANELA Corp.

NEW TURNING LINE



**BUY 20 INSERTS AT YOUR REGULAR PRICE
AND GET A TOOLHOLDER UP TO \varnothing 1.00 **FREE****

Available in TN15, TN20, TN30 and TN35



-FC Chipbreaker



FC chipbreaker is engineered for light finishing operations at high speeds in the 0.003 to 0.012 inch. feed range at depths of cut between (0.008 to 0.100 inch.).
 Main application area:
 Cutting depth (Ap): 0.008 - 0.1 inch.
 Feed (f): 0.003 - 0.012 inch.

Reference	TN15	TN30
CNMG 321-FC	●	●
CNMG 322-FC	●	●
CNMG 431-FC	●	●
DNMG 431-FC	●	●
TNMG 331-FC	●	●
WNMG 431-FC	●	●

-FMC Chipbreaker



Finishing chipbreaker with differential profile which reduces the contact zone and so improves thermal diffusion.
 Main application area:
 Cutting depth (Ap): 0.02 - 0.1 inch.
 Feed (f): 0.002 - 0.01 inch.

Reference	TN15	TN30
CNMG 431-FMC	●	●
SNMG 431-FMC	●	●
TNMG 331-FMC	●	●
WNMG 431-FMC	●	●

-MC Chipbreaker



MC chipbreaker provides a positive rake angle with land for high edge strength in medium duty applications on a wide range of materials. Recommended for general purpose use on all types of steel and stainless steels.
 Main application area:
 Cutting depth (Ap): 0.04 - 0.138 inch.
 Feed (f): 0.006 - 0.014 inch.

Reference	TN15	TN30	TN35
CNMG 432-MC	●	●	●
DNMG 432-MC	●	●	●
TNMG 332-MC	●	●	●
WNMG 331-MC	●	●	●
WNMG 332-MC	●	●	●
WNMG 432-MC	●	●	●

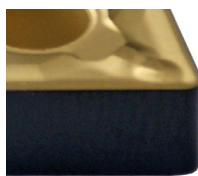
-MFC Chipbreaker



MFC chipbreaker provides excellent chip control with low cutting forces and free cutting action over a broad range of light duty applications. Recommended for light duty use on carbon alloys.
 Main application area:
 Cutting depth (Ap): 0.02 - 0.1 inch.
 Feed (f): 0.002 - 0.01 inch.

Reference	TN15	TN30
CNMG 432-MFC	●	●
TNMG 332-MFC	●	●
WNMG 432-MFC	●	●

-MHC Chipbreaker



Alternative chipbreaker for medium cutting of general steel and alloy steel. First recommendation for medium-heavy cutting of mild steel.
 Main application area:
 Cutting depth (Ap): 0.02 - 0.2 inch.
 Feed (f): 0.015 - 0.03 inch.

Reference	TN15	TN20	TN30
CNMG 432-MHC	●	●	●
CNMG 433-MHC	●	●	●
DNMG 432-MHC	●	●	●
TNMG 332-MHC	●	●	●
TNMG 333-MHC	●	●	●
WNMG 432-MHC	●	●	●
WNMG 433-MHC	●	●	●

-RC Chipbreaker



The RC chipbreaker is suitable for high feed rates and depths of cut that normally require single-sided inserts. The chipbreaker has a wide negative T land, which gives high edge strength.
 Main application area:
 Cutting depth (Ap): 0.06 - 0.2 inch.
 Feed (f): 0.012 - 0.02 inch.

Reference	TN15	TN20	TN30
CNMG 432-RC	●	●	●
CNMG 433-RC	●	●	●
SNMG 433-RC	●	●	●

Material	Grade	Definition
P Steel	TN15	Wear resistant finishing to intermediate grade suitable for many applications on steel, cast iron, stainless steel and high temperature alloys. It is generally used at higher speeds where deformation may be a problem. The multi-layer coating includes TiCN and aluminium oxide.
	TN20	General purpose wear resistant grade. It has enriched substrate which has exceptionally good deformation as well as fracture resistance. The multi-layer coating includes aluminium oxide to add additional heat and wear resistance. It is used to machine steel and stainless steel at lower speeds than TN15.
	TN30	General purpose wear resistant turning grade. The multi-layer coating includes aluminium oxide to add additional heat and wear resistance. It is used to machine steel at lower speeds than TN15. This turning grade is for demanding metal removal operations, including cutting through scale at low speeds through heavy interruption, and problem machining of stainless steel at low speed and poor rigidity.
M Stainless	TN35	New coated grade developed to machine stainless steel and heat-resistance alloys. This grade is only used in combination with the MC chipbreaker. First choice for stainless steel applications.