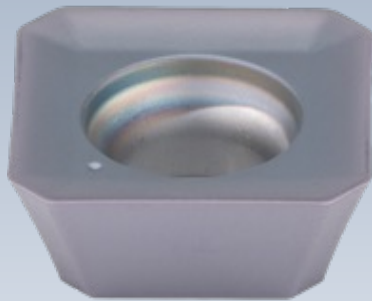




# SEKT & SNMX 45° Milling Line

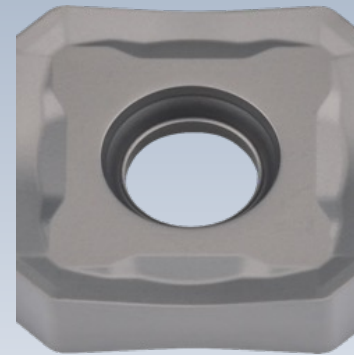
# FAMILIES

## SEKT 12



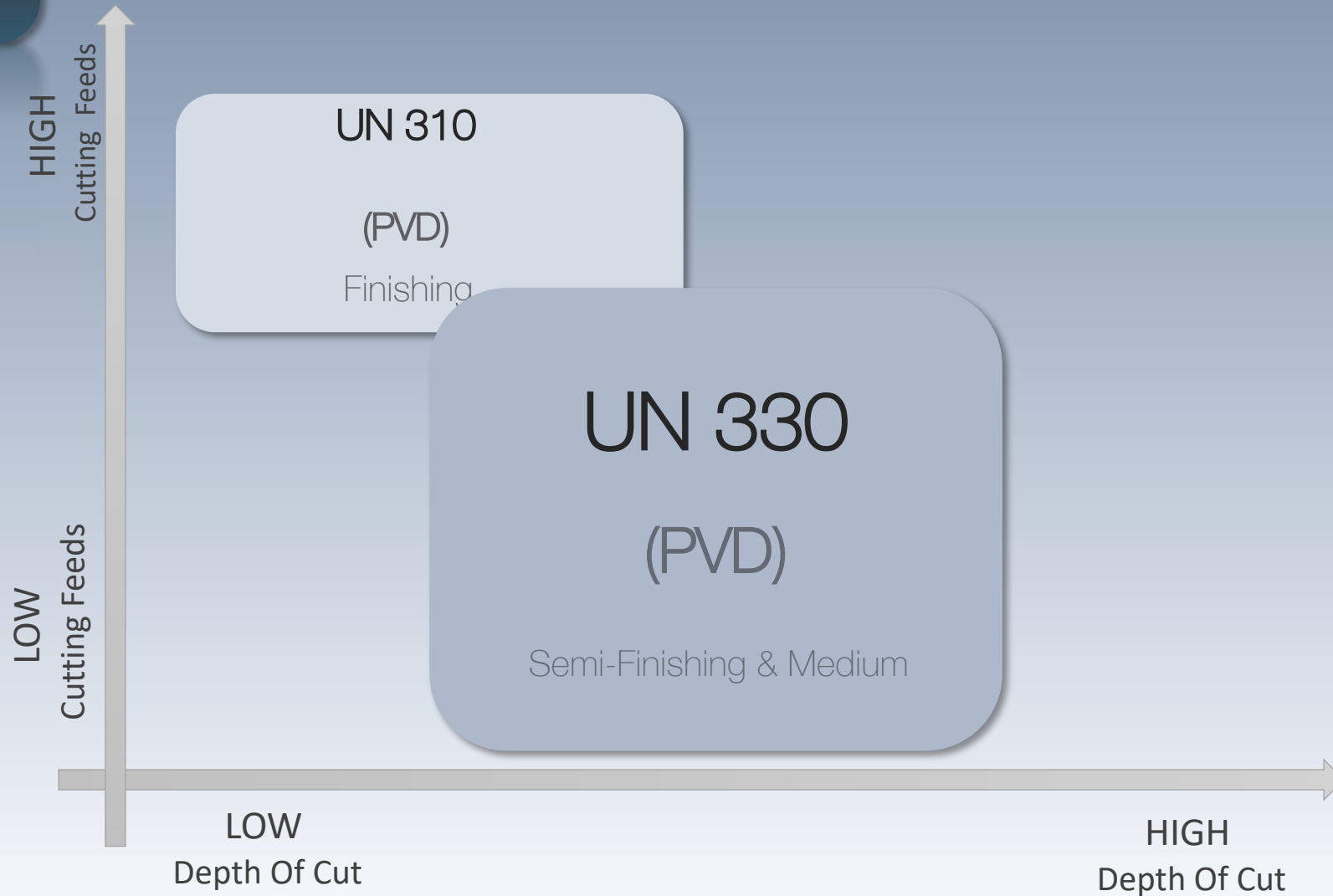
High End Line  
Extreme performance & Cutters  
SOLUTION

## SNMX 12



Utility Line  
Cost-Effective & Cutters  
SOLUTION

# GRADES



# GRADES

## UN 310

A cross-sectional microscopic view of the UN 310 coating. The top layer is a dark, smooth, sub-micron substrate. Below it is a thick, textured layer of hyper-pulsed PVD coating, showing a dense, crystalline structure.

Extremely HARD grade – for Finishing conditions

- Sub-Micron substrate
- Hyper pulsed - PVD coating
- For High wear resistance in high feed & Finishing conditions

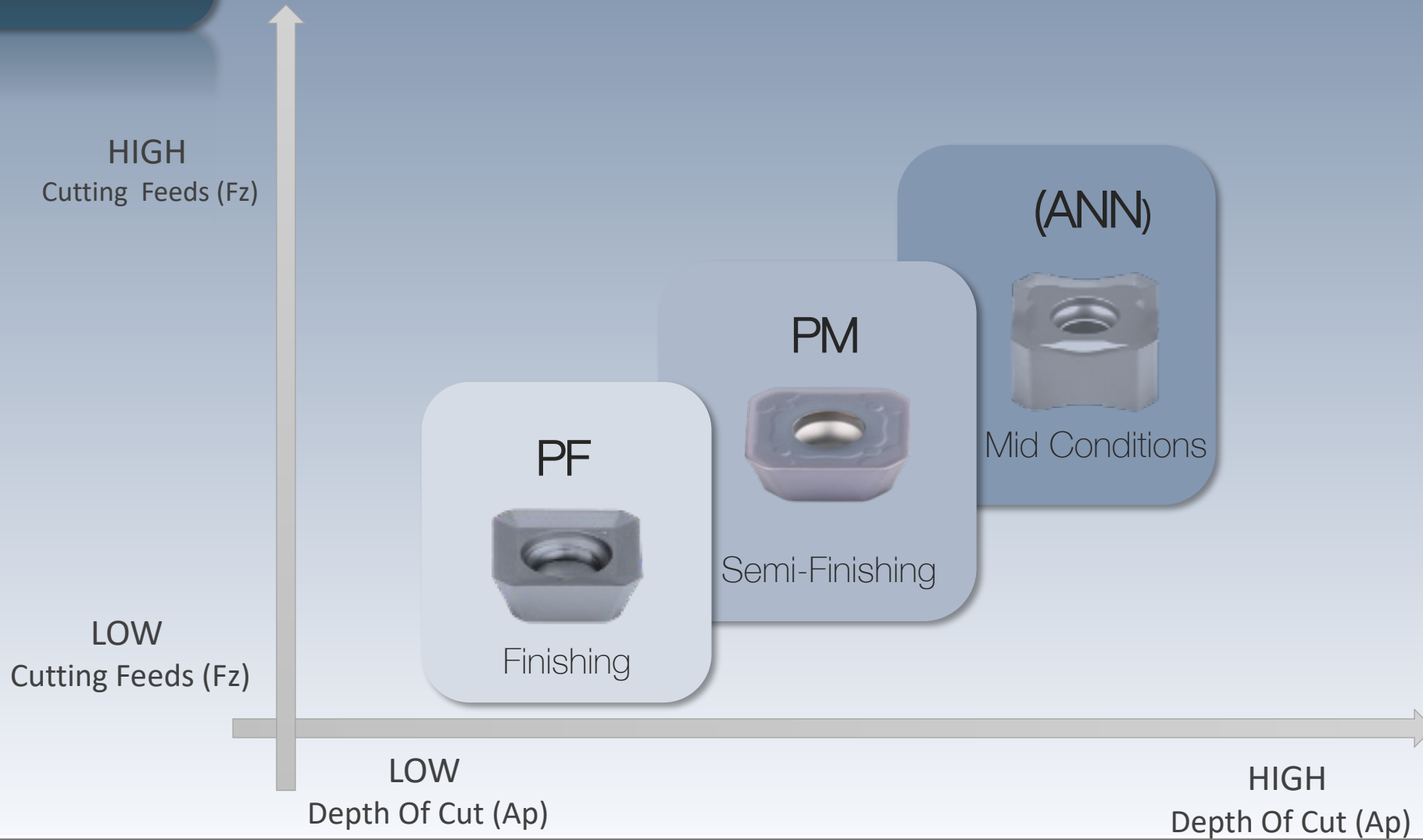
## UN 330

A cross-sectional microscopic view of the UN 330 coating. The top layer is a dark, smooth, sub-micron substrate. Below it is a very thick, textured layer of hyper-pulsed PVD coating, showing a dense, crystalline structure.

FIRST Choice – General Purpose grade

- Sub-Micron substrate
- Ultra Thick - Hyper pulsed - PVD coating
- Effective balance for excellent - Toughness and wear resistance

# CHIP BREAKERS



# INSETS

Cat. Num.	Description	Grades	Line	Compatibility	Application												
2100000126	SEKT 1204 AFTN PF UN330	UN 330	Modern Milling	Iscar / Walter	<table border="0"> <tr> <td>P 10</td><td>-</td><td>P 20</td> <td>P 15</td><td>-</td><td>P 25</td> </tr> <tr> <td>M 05</td><td>-</td><td>M 15</td> <td>M 10</td><td>-</td><td>M 15</td> </tr> </table>	P 10	-	P 20	P 15	-	P 25	M 05	-	M 15	M 10	-	M 15
P 10	-	P 20	P 15	-	P 25												
M 05	-	M 15	M 10	-	M 15												
2100000196	SEKT 1204 AFTN PM UN 310	UN 330	Modern Milling	Iscar / Walter	<table border="0"> <tr> <td>P 10</td><td>-</td><td>P 20</td> <td>P 15</td><td>-</td><td>P 25</td> </tr> <tr> <td>M 05</td><td>-</td><td>M 15</td> <td>M 10</td><td>-</td><td>M 15</td> </tr> </table>	P 10	-	P 20	P 15	-	P 25	M 05	-	M 15	M 10	-	M 15
P 10	-	P 20	P 15	-	P 25												
M 05	-	M 15	M 10	-	M 15												
2100000162	SEKT 1204 AFTN PM UN330	UN 330	Modern Milling	Iscar / Walter	<table border="0"> <tr> <td>P 10</td><td>-</td><td>P 20</td> <td>P 15</td><td>-</td><td>P 25</td> </tr> <tr> <td>M 05</td><td>-</td><td>M 15</td> <td>M 10</td><td>-</td><td>M 15</td> </tr> </table>	P 10	-	P 20	P 15	-	P 25	M 05	-	M 15	M 10	-	M 15
P 10	-	P 20	P 15	-	P 25												
M 05	-	M 15	M 10	-	M 15												
2100000128	SEKT 12T3 AGSN PM UN330	UN 330	Modern Milling	Sandvik	<table border="0"> <tr> <td>P 10</td><td>-</td><td>P 20</td> <td>P 15</td><td>-</td><td>P 25</td> </tr> <tr> <td>M 05</td><td>-</td><td>M 15</td> <td>M 10</td><td>-</td><td>M 15</td> </tr> </table>	P 10	-	P 20	P 15	-	P 25	M 05	-	M 15	M 10	-	M 15
P 10	-	P 20	P 15	-	P 25												
M 05	-	M 15	M 10	-	M 15												
2100000158	SNMX 1206 ANN UN330	UN 330	Modern Milling	Korloy	<table border="0"> <tr> <td>P 15</td><td>-</td><td>P 30</td> <td>P 15</td><td>-</td><td>P 30</td> </tr> </table>	P 15	-	P 30	P 15	-	P 30						
P 15	-	P 30	P 15	-	P 30												
2100000228	SNMX 1206 ANN UN310	UN 310	Modern Milling	Korloy	<table border="0"> <tr> <td>P 15</td><td>-</td><td>P 30</td> <td>P 15</td><td>-</td><td>P 30</td> </tr> </table>	P 15	-	P 30	P 15	-	P 30						
P 15	-	P 30	P 15	-	P 30												

# CUTTERS

## SEKT 12

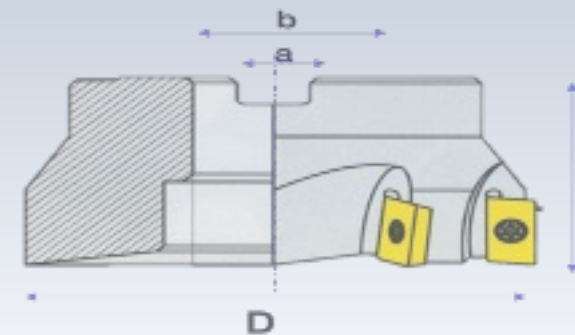
			D	L	Z
Face Mill	2800000138	SE1204 – FM- 50 – Z4 - 40	50	40	4
Face Mill	2800000140	SE1204 – FM- 63 – Z5 - 50	63	50	5
Face Mill	2800000142	SE1204 – FM- 80 – Z6 - 50	80	50	6
Face Mill	2800000146	SE12T3 – FM- 50 – Z4 - 40	50	40	4
Face Mill	2800000148	SE12T3 – FM- 63 – Z5 - 40	63	50	5
Face Mill	2800000150	SE12T3 – FM- 80 – Z6 - 50	80	50	6

SEKT 1204

Fit Iscar / Walter Cutters

SEKT 12T3

Fit Sandvik R245 cutters



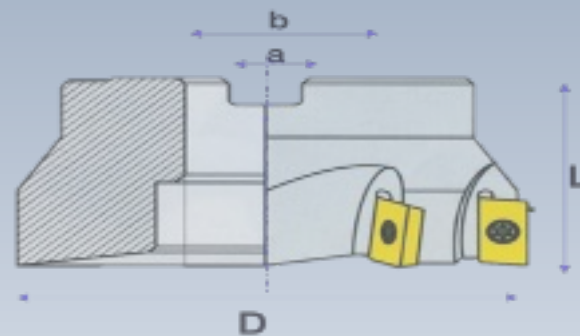
# CUTTERS

## SNMX 12

			D	L	Z
Face Mill	2800000152	SN1206 – FM- 50 – Z4 - 40	50	40	4
Face Mill	2800000154	SN1206 – FM- 63 – Z6 - 40	63	50	6
Face Mill	2800000156	SN1206 – FM- 80 – Z7 - 50	80	50	7

SNMX 12

Fit Korloy cutters



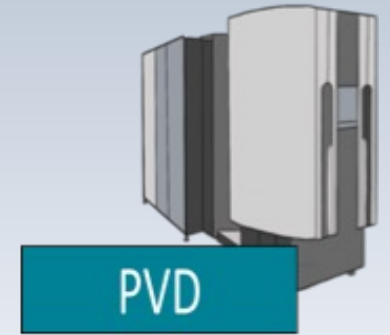
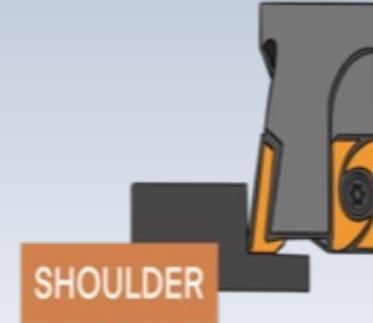


# SEKT 12

## Cutting conditions

- High Performance – 45 deg. Machining
- For General Purpose
- Optimized for Steel, Stainless Steel and Cast Iron
- Use without coolant

(P) STEEL	(M) STAINLESS STEEL	(K) CAST IRON	CUTTING CONDITIONS
Vc 130 - 190 fz 0.15 - 0.32 Ap 0,5 - 6	Vc 150 - 200 fz 0.15 - 0.32 Ap 0,5 - 6	Vc 150 - 220 fz 0.18 - 0.46 Ap 0,5 - 6	



# SNMX 12

## Cutting conditions

- High Performance – Negative, 45 deg. Machining
- For Utility insert – for General Purpose
- Optimized for Steel, Stainless Steel and Cast Iron
- will fit Korloy cutters
- Use without coolant

	(P) STEEL	(M) STAINLESS STEEL	(K) CAST IRON	
Vc	130 - 220	Vc	130 - 220	CUTTING CONDITIONS
Fz	0.11 - 0.32	Fz	0.1 - 0.38	
Ap	0,5 - 6	Ap	0,5 - 6	

