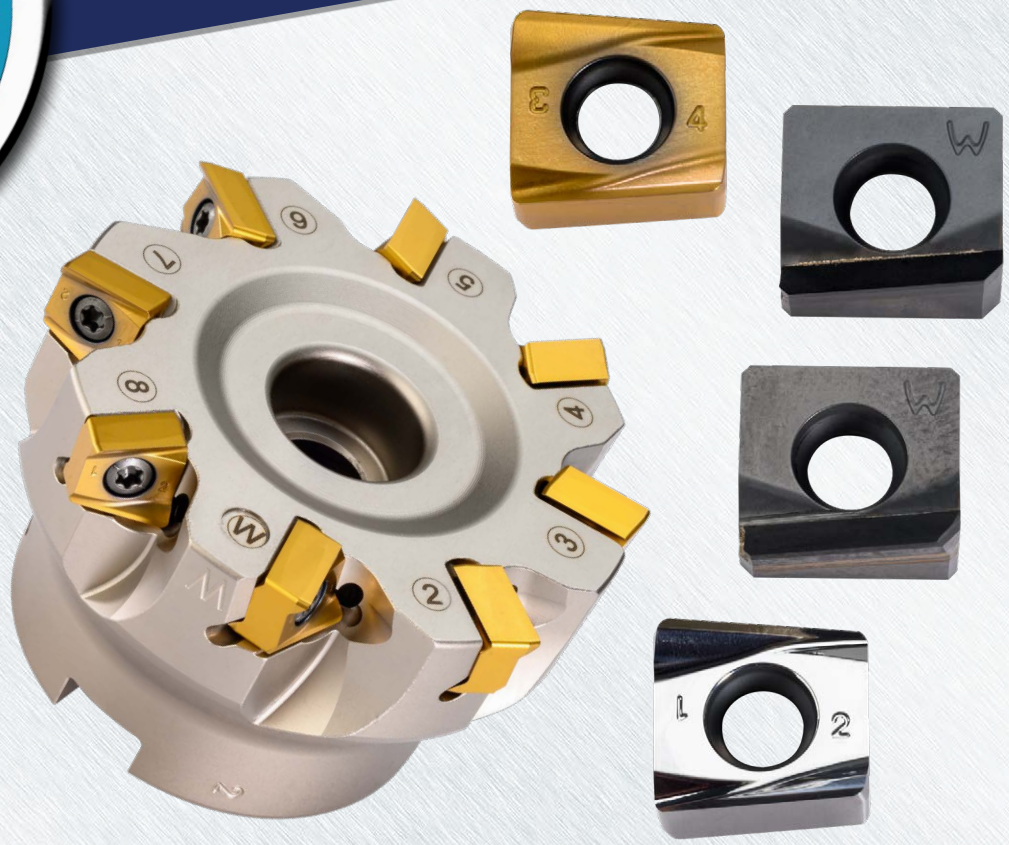
SFEEDUP HIGH SPEED & FEED

INDUSTRY 4.0 PRODUCT ANNOUNCEMENT •UPDATE• 2026

DIPOSFINISHT™

MILLING PRODUCTS



Cutter Series
TA3Q

Insert Series:
ANED12_ML: Multi-Purpose, Cermet
ANED12_AL: Aluminum, DLC
ANED12_CBN: CBN
ANED12_PCD: PCD

Diameter Range:
2.00" – 6.00"

Depth of Cut Range:
.012" – .020"

Corner:
.03"R & .03" Chamfer

Materials:
Cast Iron, Steel, Stainless Steel, High-Temp Alloys, Titanium, Aluminum & Hard Steel

Fixed Pocket (non-adjusting) Super Finish Mills

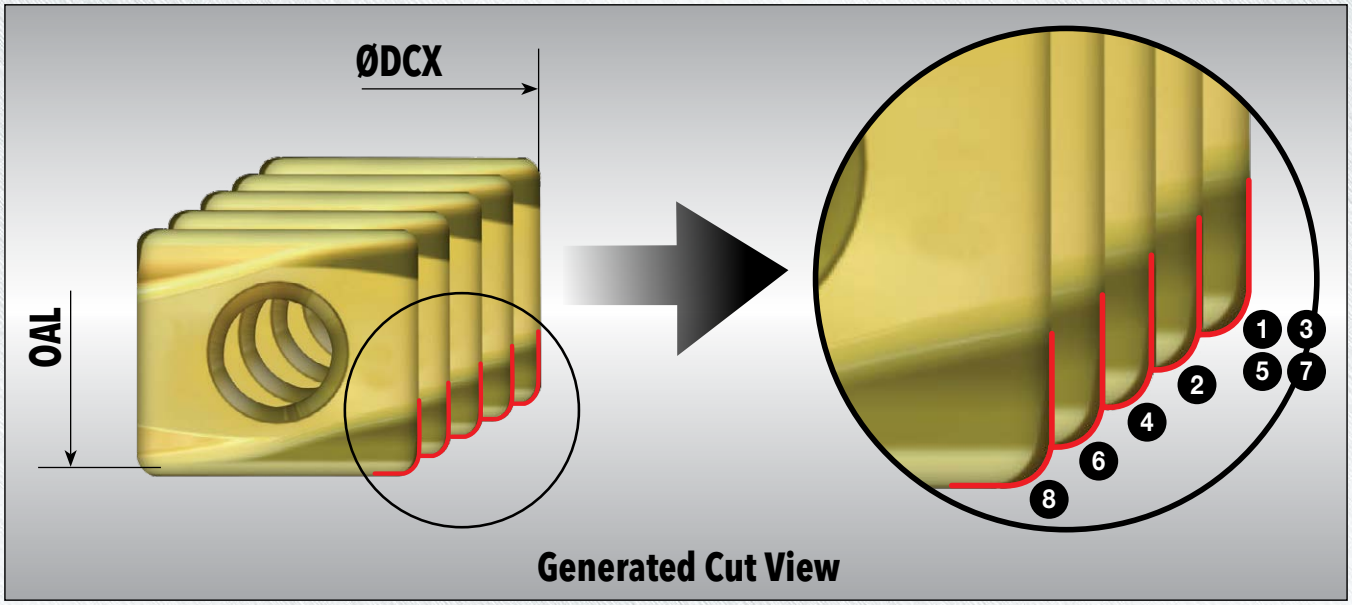
The unique "stepped" design of this fixed pocket finish face mill eliminates the hassle of set up that is typical with adjustable finish mills. That's because there is only one proud wiper station….so there is No Runout! The remainder of the stations are to balance radial load.

Features & Benefits:

- Long crowned wiper produces 3-15 Ra surface finish
- Non-adjusting design reduces set up time
- Stepped insert orientation alleviates axial & radial forces; only one proud wiper insert
- Can mill up to 90° shoulder
- 12 mm Insert with up to 4 indexes
- High positive axial rake promotes chip evacuation and improves tool life
- Carbide, Cermet, CBN & PCD insert offering for a wide variety of materials!

Member IMC Group Ingersoll Cutting Tools

DIPOSFINISHT™ "STEPPED" INSERTS

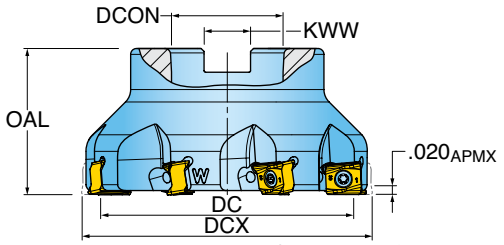


The stepped insert arrangement eliminates runout by making one proud axial wiper station…with the remaining inserts balancing the radial load.

DIPOSFINISHT™ SERIES TA3Q

FIXED POCKET (NON-ADJUSTING) FINISH FACE MILL

Facing



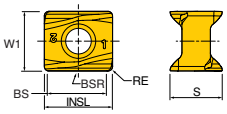
WEP - See insert drawing for wiper options.

Part Number	DC Cutting Dia.	DCX Cutting Dia. Max.	OAL Overall Length	ZEFF Eff. Teeth	DCON Shank Dia.	KWW Keyway	CSP Coolant
TA3Q-20R01	1.563	2.000	1.570	5	0.750	0.312	Yes
TA3Q-25R01	2.024	2.500	1.570	6	0.750	0.312	Yes
TA3Q-30R01	2.484	3.000	1.750	8	1.000	0.375	Yes
TA3Q-40R01	3.484	4.000	2.375	8	1.500	0.625	Yes
TA3Q-50R01	4.444	5.000	2.375	10	1.500	0.625	Yes
TA3Q-60R01	5.444	6.000	2.375	10	1.500	0.625	No

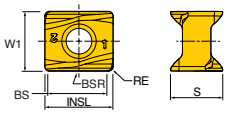
DIPOSFINISHT™ INSERTS

ML | AL | CBN | PCD

ANED12_ML

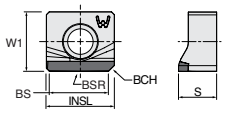


ANED12_AL

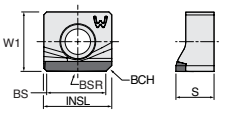


Part Number	Application	RE Corner Radius	BS Wiper Length	BSR Wiper Radius	LE Cutting Edge Eff. Length	INSL Insert Length	W1 Insert Width	S Thickness	NOI Number of Indexes	IH Insert Hand	Grade	IN10K	IN2504	IN2505	IN2510	IN3310 (NEW)	IN62C
ANED1207-ML	Finishing	0.031	0.412	39.400	0.020	0.472	0.413	0.358	4	Right			•	•	•		•
ANED1207-AL	Finishing, Sharp	0.031	0.412	39.400	0.020	0.472	0.413	0.358	4	Right		•				•	

ANED12_CBN



ANED12_PCD



Part Number	Application	BCH Corner Chamfer Length	BS Wiper Length	BSR Wiper Radius	LE Cutting Edge Eff. Length	INSL Insert Length	W1 Insert Width	S Thickness	NOI Number of Indexes	IH Insert Hand	Grade	IN80B	IN93D
ANED1207-CBN	Finishing	0.030	0.412	39.400	0.020	0.472	0.413	0.264	1	Right		•	
ANED1207-PCD	Finishing	0.030	0.412	39.400	0.020	0.472	0.413	0.264	1	Right			•

DIPOSFINISHT™ HARDWARE

	 Screw	 Driver Handle	 Torque Driver Bit	 Retention Bolt	 **OPTIONAL** Coolant Retention Bolt	 **OPTIONAL** Torque Driver Handle	 **OPTIONAL** Preset Torque Bit	 **OPTIONAL** Torque Driver Bit
TA3Q-20R01	SM40-115-00	DS-A00T	DS-T156B1	SD-06-46	SD-06-89	DS-A00-.25-T	DT-35-.25	DS-T15B1
TA3Q-25R01	SM40-115-00	DS-A00T	DS-T156B1	SD-06-46	SD-06-89	DS-A00-.25-T	DT-35-.25	DS-T15B1
TA3Q-30R01	SM40-115-00	DS-A00T	DS-T156B1	SD-08-46	SD-08-92	DS-A00-.25-T	DT-35-.25	DS-T15B1
TA3Q-40R01	SM40-115-00	DS-A00T	DS-T156B1	SD-12-82	SD-12-99	DS-A00-.25-T	DT-35-.25	DS-T15B1
TA3Q-50R01	SM40-115-00	DS-A00T	DS-T156B1	SD-12-82	SD-12-99	DS-A00-.25-T	DT-35-.25	DS-T15B1
TA3Q-60R01	SM40-115-00	DS-A00T	DS-T156B1	-	-	DS-A00-.25-T	DT-35-.25	DS-T15B1

DIPOSFINISHT™ OPERATING GUIDELINES

Materials				fz* Feed/Tooth (inch)	ap Axial Cut Depth (inch)	Vc Cutting Speed SFM	Harder.....Tougher								Coolant
ISO	Mat'l Group #VDI 3323	Type	Examples				PCD	CBN	DLC	Cermet	Carbide				
							IN93D	IN80B	IN3310	IN62C	IN2504	IN10K	IN2510	IN2505	
P	1 thru 5	Non-alloy Steel	1018, A36, 1045, A572, 1070	.004-.010	.010-.020	400-1000								1	No
						650-1600				1					
	6 thru 9	Low-alloy Steel	4140, 4340, P20, 8620, 300M			350-700								1	
						400-900				1					
	10, 11	High-alloy Steel	H13, A2, D2, M2, T1			300-600								1	
						350-650				1					
M	12 thru 13	Stainless Steel (Ferritic & Martensitic)	410, 416, 440	.004-.010	.010-.020	350-600								1	Yes
	14	Stainless Steel (Austenitic)	303, 304, 316, 15-5, 17-4			300-550									May not be required at high speeds
K	15 thru 16	Gray Cast Iron	CLS. 20, 30, 45	.004-.010	.010-.020	500-1000					1		2	3	No
				.002-.008	.010-.020	1800-3000		1							
	17 thru 20	Nodular Cast Iron	60-40-18, 100-70-03	.004-.010	.010-.020	400-800					1		2	3	
N	21 - 30	Aluminum	7075, 6061	.004-.010	.010-.020	1000-3000						1			Yes
						1500-4500	1		2						
S	31 thru 35	High-Temp Alloys	Inconel, Hastelloy, Nimonic, Monel	.004-.010	.010-.020	65-120								1	Yes
		Co Based > 35 HRC	Stellite, Haynes	.002-.005	.010-.020	250-500		1							
		Ni Based > 35 HRC	Inconel, Hasteloy	.002-.005	.010-.020	200-450		1							
		Fe Based > 35 HRC		.002-.005	.010-.020	150-350		1							
	36 thru 37	Titanium Alloys	6Al-4V, 5Al-5Mo-5V-3Cr	.004-.010	.010-.020	85-130								1	
H	38 thru 39	Hardened Steel >48	A2, O1, D2	.004-.010	.010-.020	130-250		1			2				No

Note: Feed and speed recommendations are starting operating parameters. They are only guidelines from which further optimization should take place. Operating parameters are influenced by many machining variables. These variables may cause for reductions in feeds and speed or dramatic increases. Additionally, DOC and WOC may need to be revised to optimize the tools performance.