

FASTER FEEDS WITH ECONOMICAL POSITIVE CUTTER

Reduce Machining Time with Penta HF

The latest positive feed cutter from Dormer Pramet applies a universal concept which allows it to be applied with multiple materials across various applications. The Pramet Penta HF is the most aggressive high feed cutter on the market.

The insert/grade offer with the Penta HF includes inserts optimized for stainless steel, hardened steel and titanium.

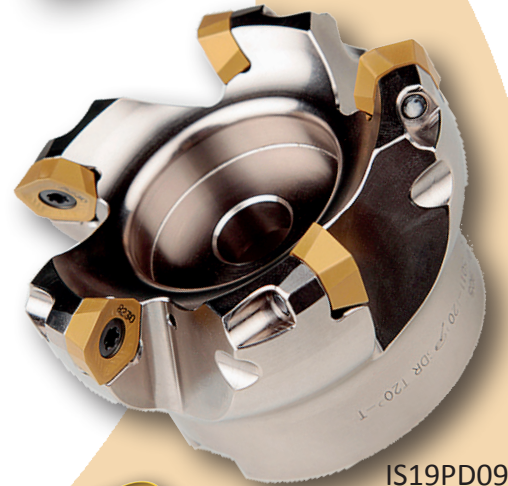
The Penta HF is a suitable option for lower horsepower applications with the versatility of faster feeds and multi-material application.

Features & Benefits

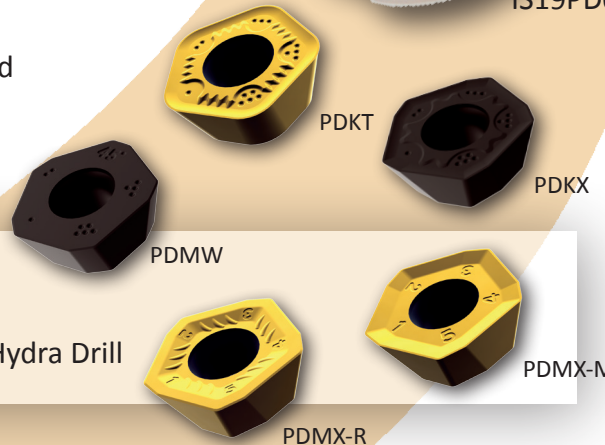
- Internal coolant on body for deep cavity milling/helical applications
- 19° and positive axial inclination requiring less horsepower
- Extensive insert/grade program for most materials/applications
- Economical five (5) cutting edge inserts
- Special surface finish for increased corrosion resistance, reduced wear and lower friction resistance
- Polished inserts for high feed and differential pitch



ISPD09



IS19PD09



PDKT

PDKX

PDMW

PDMX-R

PDMX-M

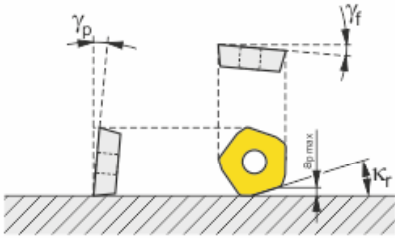
Want to learn more?

Ask for our technical handbook or sign up for eLearning online.

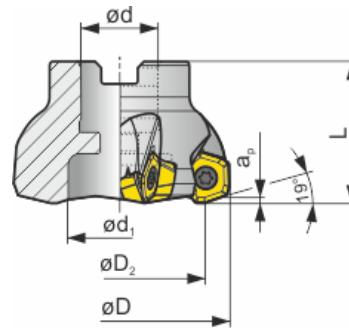
Your one-stop manufacturer - Ask about our Replaceable Head Hydra Drill

Penta HF

High Feed Milling Cutters

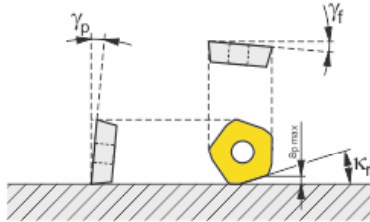


γ_p	10°	κ_r	19°
γ_f	-1° - -24°	$a_{p,max}$.079 in

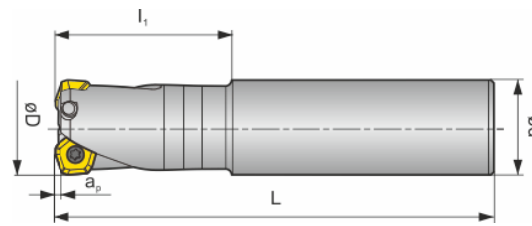


Coolant thru

Designation	Availability	Dimensions								lbs
		D	D ₂	d	d ₁	L	b	t	No of teeth	
200A04R-IS19PD09-C	Standard	2.000	1.433	.750	.630	1.575	.321	.193	4	.50
250A05R-IS19PD09-C	Standard	2.500	1.931	.750	.630	1.575	.321	.193	5	.68
300A05R-IS19PD09-C	Standard	3.000	2.432	1.000	.630	1.969	.382	.224	5	1.83
400A06R-IS19PD09-C	Standard	4.000	3.431	1.500	1.417	1.969	.630	.382	6	3.09
400A08R-IS19PD09-C	Standard	4.000	3.431	1.500	1.417	1.969	.630	.382	8	3.04



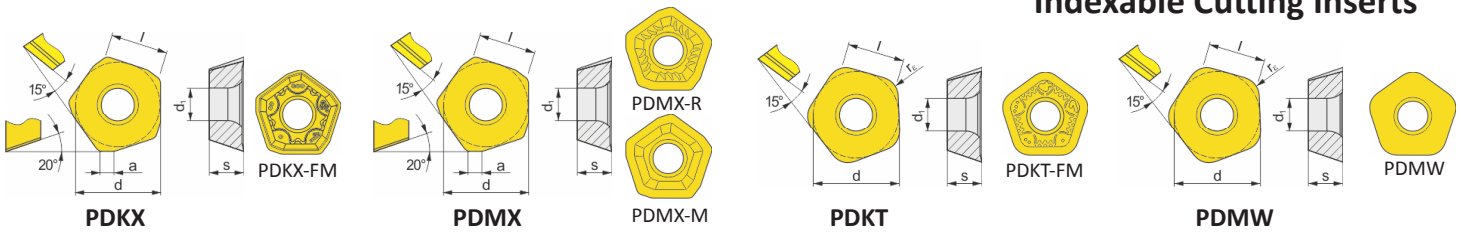
γ_p	10°	κ_r	19°
γ_f	-10° - -24°	$a_{p,max}$.079 in



Coolant thru

Designation	Availability	Dimensions					lbs
		D	d	L	L ₁	No of teeth	
125E2R236C125-ISPD09-C	Standard	1.250	1.250	9.843	2.362	2	3.13
150E3R236C125-ISPD09-C	Standard	1.500	1.250	9.843	2.362	3	3.31

Indexable Cutting Inserts



Designation	Grades				Dimensions					
					l	d	s	d ₁	a	r _E
PDKX 0905ZEER-FM	M9340	M8345			9.000	13.500	5.47	5.50	2.0	—
PDMX 0905ZEER-M	M9340	M8345	8215	8230	9.000	13.500	5.47	5.50	2.0	—
PDMX 0905ZESR-R	M8345		8215	8230	9.000	13.500	5.47	5.50	2.0	—
PDKT 090530ER-FM	M8310	M8345	8215	8230	9.000	13.500	5.47	5.50	—	3
PDMW 090530SR	M9315	M9325	M8310	M8345	9.000	13.500	5.47	5.50	—	3