



Dorian Indexable Cutting Tool Sets

NEW

Trying to make it easier for you to tool up your machine centers



Aluminum 90° End Mill

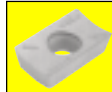
Cutting Rake - 20°
for 11° positive 85° parallelogram inserts

The precision end mills are designed for high speed machining at low horsepower. Square shoulder milling and slotting is acceptable under varying machining conditions. The APHX milling insert is a 20° high shear design available in grade HF7M which is a micro grain substrate that exhibits excellent hot hardness and edge integrity. The insert is also precision ground and polished on all sides for a sharp cutting edge.



Best for use with aluminum, exotics, high temper alloys, and aerospace materials

- Uses 10 mm or 16 mm insert
- High positive for cutting aluminum
- Positive inserts, 11° clearance
- Torx screw locking system



3/8" Cutting Edge

Part No. 733101-	Shank Size	Cut Dia.	Cut Depth	12 pc. Set Includes		
				(1) 90° Mill	(10) Inserts	(1) Torx Key
85012	.625	.50	.390	E90-050-AP10-062		
85016	.750	.75	.390	E90-075-AP10-075	APHX-1003-PDFR-HF7M	T-7
85017	1.00	1.0	.390	E90-100-AP10-100		

5/8" Cutting Edge

Part No. 733101-	Shank Size	Cut Dia.	Cut Depth	12 pc. Set Includes		
				(1) 90° Mill	(10) Inserts	(1) Torx Key
85018	0.75	.75	.618	E90-075-AP16-075		
85020	1.00	1.0	.618	E90-100-AP16-100		
85024	1.00	1.5	.618	E90-150-AP16-100	APHX-1604-PDFR-HF7M	T-15
85026	1.25	2.0	.618	E90-200-AP16-125		



Steel 90° End Mill

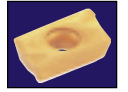
Cutting Rake - 20°
for 11° positive 85° parallelogram inserts

The precision end mills are designed for high speed machining at low horsepower. Square shoulder milling and slotting is acceptable under varying machining conditions. The APKT milling insert is a 20° high shear design available in grade DHCP35M. This grade is TiN-TiCN-Al₂O₃-TiN coated with a tough substrate that exhibits excellent wear resistance when machining carbon steel, alloy steel, stainless steel, and cast steel.



Best for use with carbon steel, alloy steel, stainless steel, and cast steel

- Uses 10 mm or 16 mm insert
- Specifically designed for cutting steel
- Positive inserts, 11° clearance
- Torx screw locking system



3/8" Cutting Edge

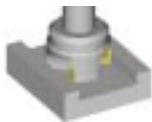
Part No. 733101-	Shank Size	Cut Dia.	Cut Depth	12 pc. Set Includes		
				(1) 90° Mill	(10) Inserts	(1) Torx Key
85500	.625	.50	.390	E90-050-AP10-062		
85504	.750	.75	.390	E90-075-AP10-075	APKT-1003-PDSR- DHCP35M	T-7
85508	1.00	1.0	.390	E90-100-AP10-100		

5/8" Cutting Edge

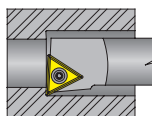
Part No. 733101-	Shank Size	Cut Dia.	Cut Depth	12 pc. Set Includes		
				(1) 90° Mill	(10) Inserts	(1) Torx Key
85512	0.75	.75	.618	E90-075-AP16-075		
85516	1.00	1.0	.618	E90-100-AP16-100		
85520	1.00	1.5	.618	E90-150-AP16-100	APKT-1604-PDSR-DHCP35M	T-15
85524	1.25	2.0	.618	E90-200-AP16-125		

One Insert For All Your Needs

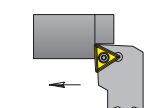
We Are Making Machining Simple For You!



- 3/4" Weldon Shank
- 2.0" Cutting Diameter
- 5/8" Cutting Depth
- 20° Cutting Rake



- 3/4" Round Shank
- 10" Length
- .845" Minimum Bore
- 3° End Cutting Edge Angle



- 3/4" Square Shank
- 4-1/2" Length
- 3° Side Cutting Edge Angle



- Positive triangle inserts, 7° clearance
- High rate of material removal
- Torx screw locking system
- Index insert with three (3) cutting edge



Part No. 733101-	15 pc. Set Includes					
	(1) 90° End Mill	(1) Boring Bar	(1) Toolholder	(10) Inserts	(1) Torx Key	(1) Storage Box
85028	E90-200-TC3-075	S12S-STUCR-3	STJCR12-3B	TCMT-32.52-UM-DC525	T-15	Storage Box