

Shoulder milling tool for high helix

Alpha Mill-X

KORLOY
TECH-NEWS



- High helix cutting edge realizes high speed and high feed machining (15% higher speed than conventional tool's machining) and increases 20% higher productivity.
- Highly precise cutting edge ensures high quality surface finish in milling.

Shoulder milling tool for high helix

Alpha Mill-X

The recent trend of cutting conditions has been changing to high speed and high feed conditions to decrease tooling cost from high productivity. However, without tool productivity and rigidity, chattering from impact in interrupted machining reduces surface finish and occurs tool fracture.

KORLOY introduces Alpha Mill-X ensuring high speed and high feed machining with high quality to increase productivity.

Alpha Mill-X with exclusive chip breaker and cutting edge with high rake angle reduces cutting load and controls chattering in machining.

The insert for the Alpha Mill-X is thicker than the conventional ones which increases tool rigidity and realizes stable machining from stable clamping system with flat flank surface clamping structure. In addition, wide wiper minor cutting edge and precise perpendicular cutting edge of Alpha Mill-X ensure milling with high quality.

The Alpha Mill-X with various sized nose-R and optimal grades for each cutting conditions increases productivity in high speed and feed machining with high performance.



Longer tool life

- New shape and optimal grade

Soft cutting and high speed and high feed machining

- High rake angle chip breaker and cutting edge

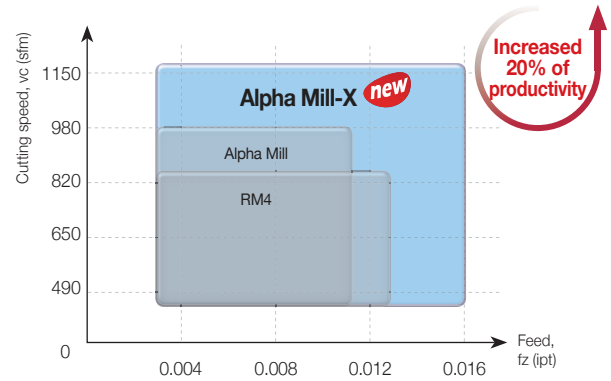
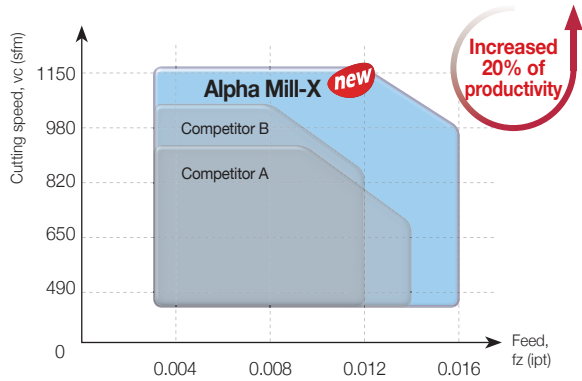
Stable machinability

- Increased clamping force due to thicker insert and flat flank surface clamping structure

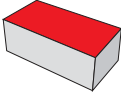
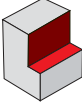
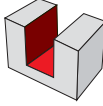
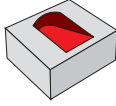
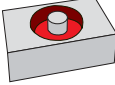
Good surface finish and perpendicularity

- Wide wiper minor cutting edge and precise cutting edge

Application range



Applications

Facing	Shouldering	Slotting	Ramping	Helical cutting
				

Code system

[Shank type]

AMX	S	A	125	R	-	3	C	125	-	800	-	AD17
Alpha Mill-X	Tool type S: Shank	Arbor type A: Inch None: Metric	Machining diameter 125: $\varnothing 1.25$ inch	Oil hole & Hand R: With Oil hole, right-handed NR: Without oil hole, right-handed		No. of tooth 3: 3 teeth	Shank type C: Cylinder W: Weldon	Shank diameter 125: $\varnothing 1.25$ inch		Overall length 800: 8.00 inch		Available insert AD17: ADKT17 AD12: ADKT12 AD10: ADKT10

[Cutter type]

AMX	C	A	200	R	-	075	-	4	-	AD17
Alpha Mill-X	Tool type C: Cutter	Arbor type A: Inch M: Metric None: Asia	Machining diameter 200: $\varnothing 2.00$ inch	Oil hole & Hand R: With Oil hole, right-handed NR: Without oil hole, right-handed		Internal diameter 075: $\varnothing 0.75$ inch		No. of tooth 4: 4 teeth		Available insert AD17: ADKT17 AD12: ADKT12 AD10: ADKT10

Insert features

High rake angle chip breaker

- Applied high rake angle
- Improved chip control



Max. ap

- ADKT17: 0.650 inch
- ADKT12: 0.453 inch
- ADKT10: 0.374 inch

Proprietary relief surface shape

- High rigidity of insert



Flat clamping area

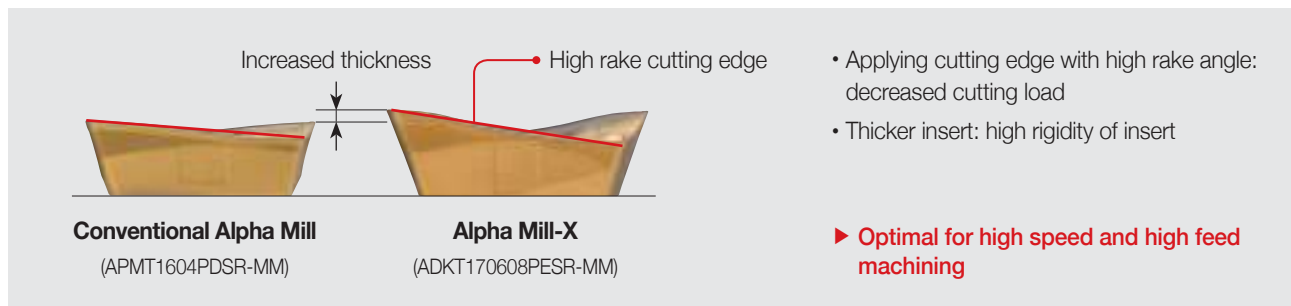
- Stable clamping in high speed and high feed machining

Applied minor cutting edge with a wiper function

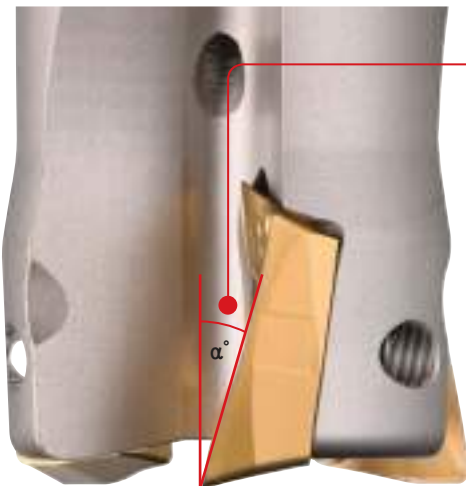
- Minor cutting edge design optimized for excellent surface finish

High rake cutting edge

- Better surface toughness
- Lower cutting load



Cutter features



High rake angle cutting edge

- Improved surface finish
- Decreased cutting load

Wider chip pocket

- Maximized chip control
- Outstanding chip control in high speed and high feed machining

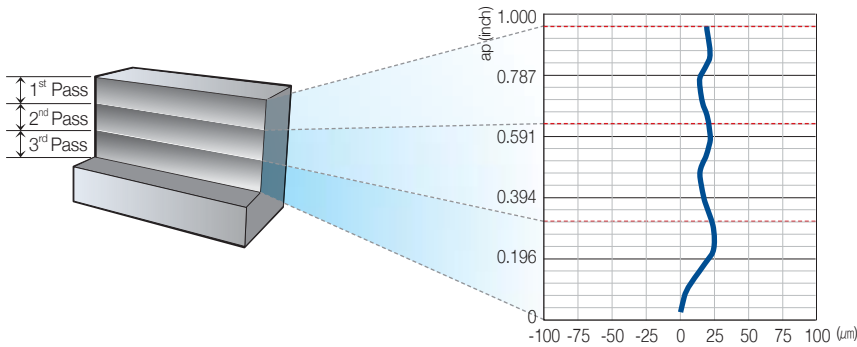


Perfect perpendicularity

Performance evaluation

Perpendicularity

- **Workpiece** Alloy steel (4140, HB200), 11.811(L)x7.874(W)x3.937(H)
- **Cutting conditions** vc (sfm) = 492, fz (ipt) = 0.006, ap (inch) = 0.315 inchx3 Passes (Total 0.945 inch), ae (inch) = 0.197, dry
- **Tool** Insert ADKT170608PESR-MM (PC5300) Holder AMXSA125R-3W125-500-AD17



► Perpendicularity error is less than 30 μ m.

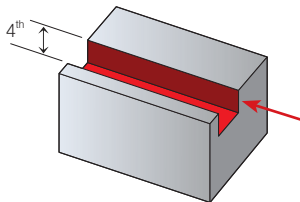
[Graph of measured perpendicularities]



[Comparison picture of flank surface finish]

Surface finish

- **Workpiece** Alloy steel (4340, HB200), 11.811(L)x7.874(W)x3.937(H)
- **Cutting conditions** vc (sfm) = 577, fz (ipt) = 0.006, ap (inch) = 0.197 inchx4 Passes (Total 0.787 inch), ae (inch) = 1.969, dry
- **Tool** Insert ADKT170608PESR-MM (PC5300) Holder AMXCA200R-075-5-AD17

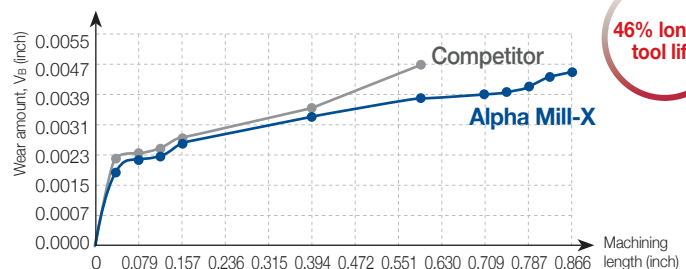
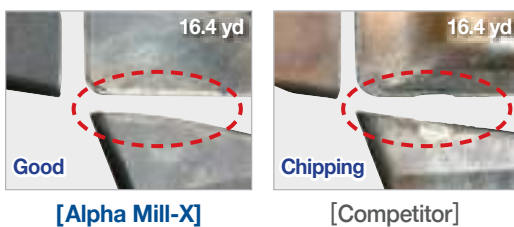


- Decreased burr
- Good surface finish on the side wall and bottom of the workpiece after machining



Wear resistance



- **Workpiece** Alloy steel (4140, HB200), 11.811(L)x7.874(W)x3.937(H)
- **Cutting conditions** vc (sfm) = 656, fz (ipt) = 0.007, ap (inch) = 0.197, ae (inch) = 0.787, dry
- **Tool** Insert ADKT170608PESR-MM (PC5300) Holder AMXSA125R-3W125-500-AD17



46% longer tool life

Recommended grades and chip breakers

(● : 1st Recommendation)

C/B	Cutting edge	P				M		K		N		S	
		Low carbon steel/ Mild steel		High carbon steel/ Alloy steel		Stainless steel		Cast iron		Non-ferrous metal		HRSA	
		C/B	Grade	C/B	Grade	C/B	Grade	C/B	Grade	C/B	Grade	C/B	Grade
ML		-	● PC3700 ○ PC5300 ○ PC5400 ○ NCM535	-	● PC3700 ○ PC5300 ○ PC5400 ○ NCM535	●	● PC5300 ○ PC5400 ○ PC9540	-	● PC6510 ○ PC5300 ○ PC5400 ○ NCM535	-	-	●	● UPC845 ○ UNC840 ○ PC5300 ○ PC5400
MM		●	● PC3700 ○ PC5300 ○ PC5400 ○ NCM535	●	● PC3700 ○ PC5300 ○ PC5400 ○ NCM535	-	● PC5300 ○ PC5400 ○ PC9540	●	● PC6510 ○ PC5300 ○ PC5400 ○ NCM535	-	-	-	● UPC845 ○ UNC840 ○ PC5300 ○ PC5400

Recommended cutting conditions

【In face machining and shouldering】

Workpiece	Grade	Cutting speed vc (sfm)	Feed, fz (ipt)		
			ADKT17	ADKT12	ADKT10
P Steel	PC5300	492-787	0.012-0.002	0.010-0.002	0.008-0.002
	PC5400	426-688			
	PC3700	426-688			
	NCM535	820-1148			
M Stainless steel	PC5300	295-492	0.01-0.002	0.008-0.002	0.006-0.002
	PC5400	229-393			
	PC9540	164-492			
K Cast iron	PC6510	393-820	0.014-0.003	0.012-0.003	0.010-0.003
	PC5300	393-656			
	NCM535	656-984			
S HRSA	PC5300	131-229	0.008-0.002	0.006-0.002	0.004-0.002
	PC5400	98-164			
	UPC845	65-196			
	UNC840	98-196			

※ The above data refer to general cutting conditions and can be adjustable up to 1150 sfm and 0.016 ipt depending on user environment.

【In grooving, ramping and helical machining】

Workpiece	Grade	Cutting speed vc (sfm)	Feed, fz (ipt)		
			ADKT17	ADKT12	ADKT10
P Steel	PC5300	492-787	0.012-0.002	0.012-0.002	0.012-0.002
	PC5400	426-688			
	PC3700	426-688			
	NCM535	820-1148			
M Stainless steel	PC5300	295-492	0.006-0.002	0.006-0.002	0.006-0.002
	PC5400	229-393			
	PC9540	164-492			
K Cast iron	PC6510	393-820	0.008-0.003	0.008-0.003	0.008-0.003
	PC5300	393-656			
	NCM535	656-984			
S HRSA	PC5300	131-229	0.006-0.002	0.006-0.002	0.004-0.002
	PC5400	98-164			
	UPC845	65-196			
	UNC840	98-196			

※ In deep grooving, set the ap under 0.197 inch and use coolant and air.

Shoulder milling tool selection guide

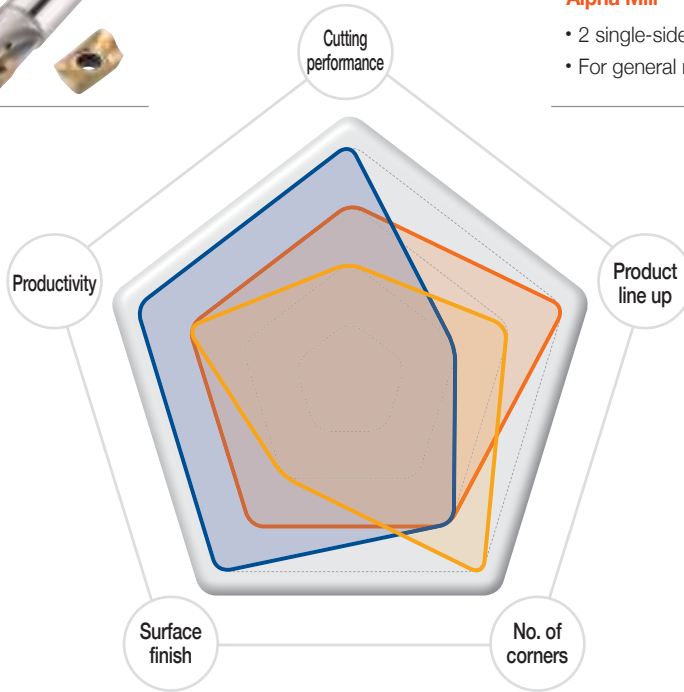
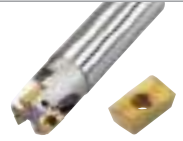
Alpha Mill-X ^{new}

- Higher productivity
- Lower cutting load



Alpha Mill

- 2 single-sided corners
- For general machining



— Alpha Mill-X

— Alpha Mill

— RM4

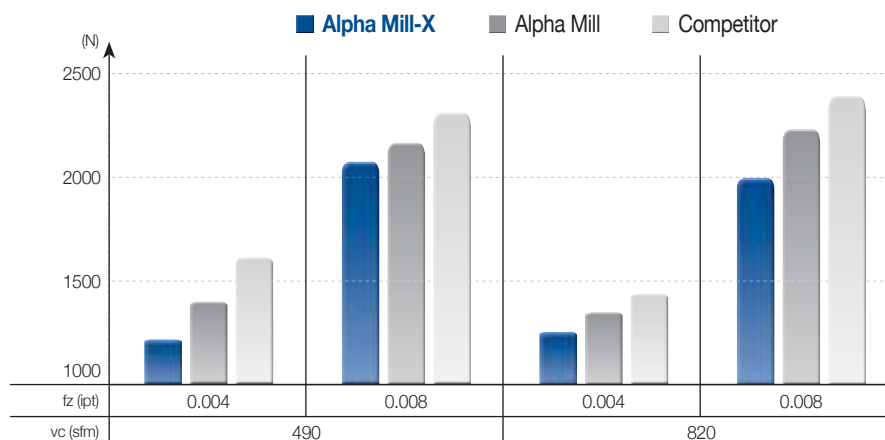
RM4

- 4 double-sided corners
- High cost efficiency



Tools	Cutting performance	Line up	No. of corners	Surface finish	Productivity
Alpha Mill-X ^{new}	★★★★	★★	★★★	★★★★	★★★★
Alpha Mill	★★★	★★★★	★★★	★★★	★★★
RM4	★★	★★★	★★★★	★★	★★★

Cutting load

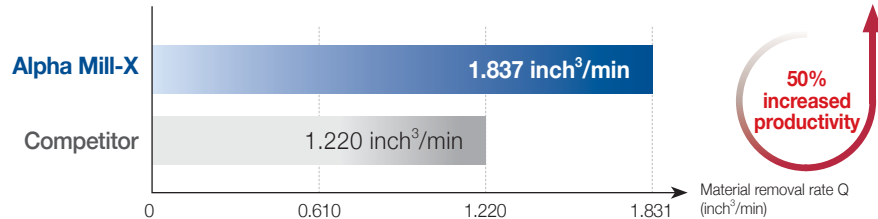
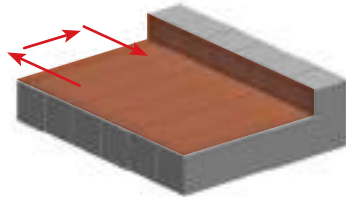


Decreased 10% or above of cutting load

Application examples

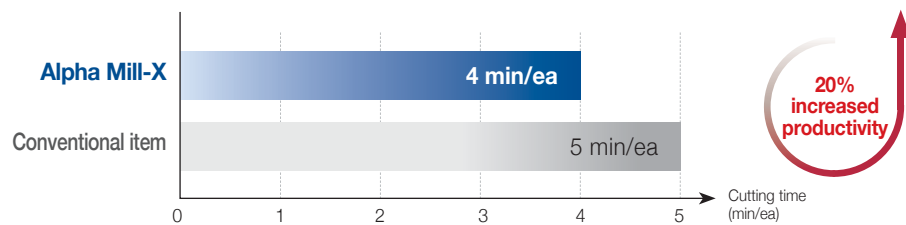
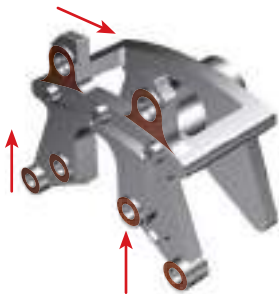
Alloy steel (4140)

- **Workpiece use** Lathe holder
- **Cutting conditions** vc (sfm) = 534, fz (ipt) = 0.004, ap (inch) = 0.059x4 Passes, ae (inch) = 1.575, wet
- **Tool** Insert ADKT170616PESR-MM (PC5300) Holder AMXSA300R-100-7-AD17



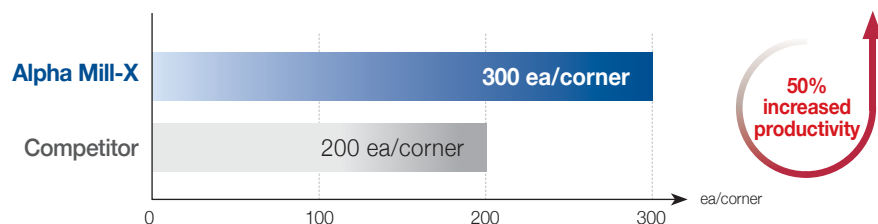
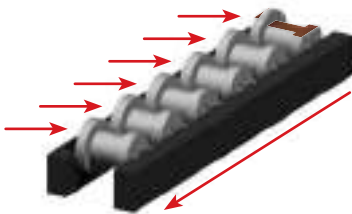
Ductile cast iron (ASTM 100-70-03)

- **Workpiece use** Break carrier
- **Cutting conditions** vc (sfm) = 387, fz (ipt) = 0.004~0.008, ap (inch) = 0.157 (Finishing), 4x2 Passes (Roughing), wet
- **Tool** Insert ADKT170608PESR-ML (PC5300) Holder AMXCA250R-075-6-AD17



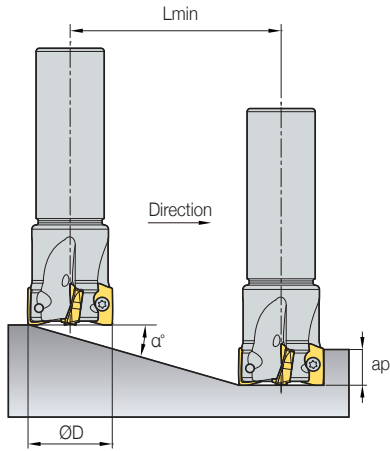
Alloy steel (4137)

- **Workpiece use** Automobile suspension parts
- **Cutting conditions** vc (sfm) = 971, fz (ipt) = 0.004, ap (inch) = 0.079x2 Passes, ae (inch) = 1.575~1.969, wet
- **Tool** Insert ADKT170616PESR-MM (PC5300) Holder AMXSA300R-100-7-AD17

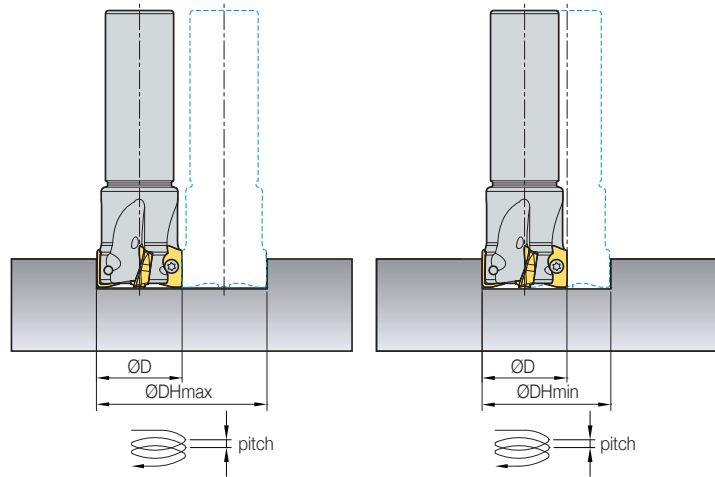


Ramping and helical cutting

Ramping



Helical cutting



(inch)


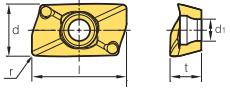

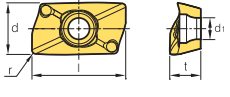
Designation	Tool dia. ØD	ap	Ramping		Blind hole helical cutting				Through hole helical cutting	
			Max. rake angle α°	Lmin	Min. desirable hole dia. ØDHmin	Max. pitch dmax	Max. desirable hole dia. ØDHmax	Max. pitch dmax	Min. desirable hole dia. ØDHmin	Max. pitch dmax
ADKT17	1.00	0.650	8.0	4.62	1.62	0.06	1.94	0.27	1.24	0.17
	1.25	0.650	3.7	10.05	2.12	0.08	2.44	0.16	1.74	0.11
	1.50	0.650	2.6	14.31	2.62	0.10	2.94	0.13	2.24	0.10
	2.00	0.650	1.9	19.58	3.62	0.14	3.94	0.13	3.24	0.11
	2.50	0.650	1.3	28.63	4.62	0.18	4.94	0.11	4.24	0.10
	3.00	0.650	1.1	33.83	5.62	0.22	5.94	0.11	5.24	0.10
	3.50	0.650	0.7	53.17	6.62	0.26	6.94	0.08	6.24	0.08
	4.00	0.650	0.5	74.44	7.62	0.30	7.94	0.07	7.24	0.06
ADKT12	0.75	0.472	7.0	3.85	1.24	0.05	1.44	0.18	0.98	0.12
	1.00	0.472	3.5	7.72	1.74	0.07	1.94	0.12	1.48	0.09
	1.25	0.472	2.5	10.82	2.24	0.09	2.44	0.11	1.98	0.09
	1.50	0.472	1.5	18.04	2.74	0.11	2.94	0.08	2.48	0.06
	2.00	0.472	1.2	22.55	3.74	0.15	3.94	0.08	3.48	0.07
	2.50	0.472	1.0	27.07	4.74	0.19	4.94	0.09	4.48	0.08
ADKT10	0.63	0.374	4.5	4.75	1.09	0.04	1.22	0.10	0.94	0.07
	0.75	0.374	3.5	6.12	1.34	0.05	1.47	0.09	1.19	0.07
	1.00	0.374	2.2	9.74	1.84	0.07	1.97	0.08	1.69	0.06
	1.25	0.374	1.5	14.28	2.34	0.09	2.47	0.06	2.19	0.06
	1.50	0.374	1.2	17.86	2.84	0.11	2.97	0.06	2.69	0.06
	2.00	0.374	0.8	26.79	3.84	0.15	3.97	0.06	3.69	0.05
	2.50	0.374	0.6	35.71	4.84	0.19	4.97	0.05	4.69	0.05
	3.00	0.374	0.5	42.86	5.84	0.23	5.97	0.05	5.69	0.05

• In ramping and helical machining, use coolant and air.

- Lmin : Cutting length in machining with Min. rake angle
- α° : Rake angle for ramping
- ap : Depth of cut in axial direction

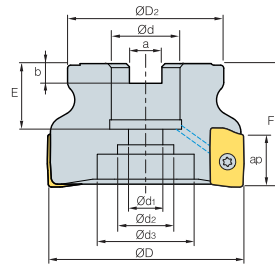
$$Lmin = \frac{ap}{\tan \alpha^\circ} \text{ (inch)}$$

Inserts

Inserts	Designation	Coated								Dimensions (mm)					Geometries
		NCM535	PC3700	PC6510	PC9540	PC5300	PC5400	UNC840	UPC845	l	d	t	r	d ₁	
	ADKT 10T304PEER-ML	○	○	○	○	○	○	○	○	0.461	0.253	0.150	0.016	0.110	
	120408PESR-ML	●	●	●	●	●	●	●	●	0.571	0.308	0.190	0.031	0.134	
	170608PESR-ML	●	●	●	●	●	●	●	●	0.774	0.427	0.257	0.031	0.177	
	ADKT 10T304PESR-MM	○	○	○	○	○	○	○	○	0.461	0.253	0.150	0.016	0.110	
	10T308PESR-MM					○	○			0.461	0.253	0.150	0.031	0.110	
	10T312PESR-MM					○	○			0.461	0.253	0.150	0.047	0.110	
	120408PESR-MM	●	●	●	●	●	●	●	●	0.571	0.308	0.190	0.031	0.134	
	120412PESR-MM		●	●		●	●	●	●	0.571	0.308	0.190	0.047	0.134	
	120416PESR-MM		●	●		●	●	●	●	0.571	0.308	0.190	0.063	0.134	
	170604PESR-MM		●			●				0.774	0.427	0.257	0.016	0.177	
	170608PESR-MM	●	●	●	●	●	●	●	●	0.774	0.427	0.257	0.031	0.177	
	170616PESR-MM					●	●			0.774	0.427	0.257	0.063	0.177	
	170620PESR-MM					●	●			0.774	0.427	0.257	0.079	0.177	

●: Stock item ○: In stock (December, 2020) None: Order made

AMXCA



• AR: 8°
• RR: -10°~-3°

(inch)

Designation	Stock	⊗	ØD	ØD2	Ød	Ød1	Ød2	Ød3	a	b	E	F	ap	lbs	Available insert
AMXCA 150R-050-3-AD17			1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.649	0.419	ADKT17
150R-050-4-AD17			1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.649	0.375	
200R-075-4-AD17			2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.649	0.507	
200R-075-5-AD17			2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.649	0.441	
250R-100-5-AD17			2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.649	0.970	
250R-100-6-AD17			2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.649	1.080	
300R-100-6-AD17			3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.649	1.940	
300R-100-7-AD17			3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.649	1.984	
400R-125-8-AD17			4.000	3.937	1.250	0.689	1.024	1.614	0.500	0.319	0.787	2.000	0.649	3.879	
400R-125-10-AD17			4.000	3.937	1.250	0.689	1.024	1.614	0.500	0.319	0.787	2.000	0.649	3.703	
500R-150-8-AD17			5.000	4.921	1.500	0.827	1.220	1.969	0.626	0.394	1.063	2.500	0.649	6.370	
500R-150-10-AD17			5.000	4.921	1.500	0.827	1.220	1.969	0.626	0.394	1.063	2.500	0.649	6.237	

●: Stock item None: Order made

Available Inserts



ADKT-ML



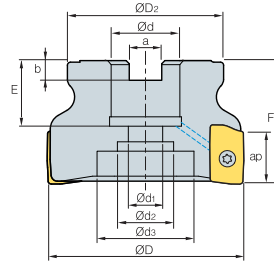
ADKT-MM

Designation	Coated							
	NCM535	PC3700	PC6510	PC9540	PC5300	PC5400	UNC840	UPC845
ADKT 170608PESR-ML	●	●	●	●	●	●	●	●
170604PESR-MM		●			●			
170608PESR-MM	●	●	●	●	●	●	●	●
170616PESR-MM					●	●		
170620PESR-MM					●	●		

Parts

Specification	Screw	Wrench
Ø1.500~Ø5.000	FTKA0408	TW15S

AMXCA



AA
0°
• AR: 8°
• RR: -10°~-3°

(inch)

Designation	Stock	⊙	ØD	ØD2	Ød	Ød1	Ød2	Ød3	a	b	E	F	ap	lbs	Available insert
AMXCA 150R-050-4-AD12		4	1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.450	0.397	ADKT12
150R-050-5-AD12		5	1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.450	0.353	
200R-075-5-AD12		5	2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.450	0.507	
200R-075-6-AD12		6	2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.450	0.441	
250R-100-6-AD12		6	2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.450	0.970	
250R-100-7-AD12		7	2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.450	1.080	
300R-100-7-AD12		7	3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.450	1.940	
300R-100-8-AD12		8	3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.450	1.984	
150R-050-5-AD10		5	1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.370	0.397	ADKT10
150R-050-6-AD10		6	1.500	1.378	0.500	0.287	0.430	-	0.252	0.170	0.630	1.500	0.370	0.397	
200R-075-6-AD10		6	2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.370	0.507	
200R-075-7-AD10		7	2.000	1.772	0.750	0.413	0.630	-	0.315	0.220	0.787	1.750	0.370	0.441	
250R-100-7-AD10		7	2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.370	0.970	
250R-100-8-AD10		8	2.500	2.205	1.000	0.551	0.827	-	0.374	0.248	0.787	1.750	0.370	1.080	
300R-100-8-AD10		8	3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.370	1.940	
300R-100-9-AD10		9	3.000	2.205	1.000	0.551	0.867	1.299	0.374	0.248	0.787	2.000	0.370	1.984	

●: Stock item ○: In stock (December, 2020) None: Order made

Available Inserts



ADKT-ML



ADKT-MM

Designation	Coated							
	NCM535	PC3700	PC6510	PC9540	PC5300	PC5400	UNC840	UPC845
ADKT 120408PESR-ML	●	●	●	●	●	●	●	●
120408PESR-MM	●	●	●	●	●	●	●	●
120412PESR-MM		●	●		●	●	●	●
120416PESR-MM		●	●		●	●	●	●
ADKT 10T304PEER-ML	○	○	○	○	○	○	○	○
10T304PESR-MM	○	○	○	○	○	○	○	○
10T308PESR-MM					○	○		
10T312PESR-MM					○	○		

Parts

Specification	Screw	Wrench
Ø1.500~Ø3.000 (12 type)	FTNA0306	TW09S
Ø1.500~Ø3.000 (10 type)	FTKA02555S	TW08S

AMXSA

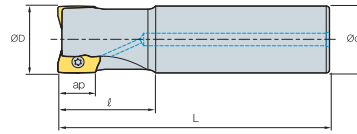


Fig. 1

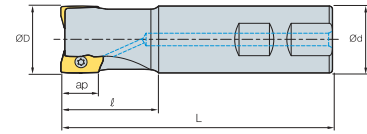


Fig. 2



- AR: 8°
- RR: -10° ~ -3°

(inch)

Designation	Stock		ØD	Ød	ℓ	L	ap	lbs	Fig.	Available insert
AMXSA 100R-2W100-500-AD17		2	1.000	1.000	1.575	5.00	0.649	0.793	2	ADKT17
100R-2C100-800-AD17		2	1.000	1.000	1.575	8.00	0.649	1.499	1	
125R-3W125-500-AD17		3	1.250	1.250	1.771	5.00	0.649	1.366	2	
125R-3C125-800-AD17		3	1.250	1.250	1.771	8.00	0.649	2.314	1	
150R-3W125-500-AD17		3	1.500	1.250	1.968	5.00	0.649	1.653	2	
150R-3C125-800-AD17		3	1.500	1.250	1.968	8.00	0.649	2.579	1	
150R-4W125-500-AD17		4	1.500	1.250	1.968	5.00	0.649	1.631	2	
150R-4C125-800-AD17		4	1.500	1.250	1.968	8.00	0.649	2.645	1	

●: Stock item None: Order made

Available Inserts



ADKT-ML



ADKT-MM

Designation	Coated							
	NCM535	PC3700	PC6510	PC9540	PC5300	PC5400	UNC840	UPC845
ADKT 170608PESR-ML	●	●	●	●	●	●	●	●
170604PESR-MM		●			●			
170608PESR-MM	●	●	●	●	●	●	●	●
170616PESR-MM					●	●		
170620PESR-MM					●	●		

Parts

Specification	Screw 	Wrench
Ø1.000~Ø1.500	FTKA0408	TW15S

AMXSA

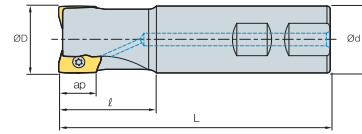
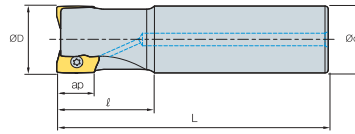


Fig. 1

Fig. 2



AA
0°
• AR: 8°
• RR: -10°~-3°

(inch)

Designation	Stock		ØD	Ød	ℓ	L	ap	lbs	Fig.	Available insert
AMXSA 075R-2W075-400-AD12		2	0.750	0.750	1.378	4.00	0.45	0.551	2	ADKT12
075R-2C075-800-AD12		2	0.750	0.750	1.378	8.00	0.45	1.080	1	
100R-3W100-500-AD12		3	1.000	1.000	1.575	5.00	0.45	0.882	2	
100R-3C100-800-AD12		3	1.000	1.000	1.575	8.00	0.45	1.300	1	
125R-4W125-500-AD12		4	1.250	1.250	1.771	5.00	0.45	1.543	2	
125R-4C125-800-AD12		4	1.250	1.250	1.771	8.00	0.45	2.204	1	
150R-4W125-500-AD12		4	1.500	1.250	1.968	5.00	0.45	2.314	2	
150R-4C125-800-AD12		4	1.500	1.250	1.968	8.00	0.45	2.645	1	
0625R-2W0625-400-AD10		2	0.625	0.625	0.984	4.00	0.37	0.220	2	ADKT10
0625R-2C0625-800-AD10		2	0.625	0.625	0.984	8.00	0.37	0.397	1	
075R-3W075-400-AD10		3	0.750	0.750	1.378	4.00	0.37	0.485	2	
075R-3C075-800-AD10		3	0.750	0.750	1.378	8.00	0.37	0.992	1	
100R-3W100-500-AD10		3	1.000	1.000	1.575	5.00	0.37	0.793	2	
100R-3C100-800-AD10		3	1.000	1.000	1.575	8.00	0.37	1.124	1	
125R-4W125-500-AD10		4	1.250	1.250	1.771	5.00	0.37	1.366	2	
125R-4C125-800-AD10		4	1.250	1.250	1.771	8.00	0.37	2.028	1	
150R-5W125-500-AD10		5	1.500	1.250	1.968	5.00	0.37	2.072	2	
150R-5C125-800-AD10		5	1.500	1.250	1.968	8.00	0.37	2.314	1	

●: Stock item ○: In stock (December, 2020) None: Order made

Available Inserts



ADKT-ML



ADKT-MM

Designation	Coated							
	NCM535	PC3700	PC6510	PC9540	PC5300	PC5400	UNC840	UPC845
ADKT 120408PESR-ML	●	●	●	●	●	●	●	●
120408PESR-MM	●	●	●	●	●	●	●	●
120412PESR-MM		●	●		●	●	●	●
120416PESR-MM		●	●		●	●	●	●
ADKT 10T304PEER-ML	○	○	○	○	○	○	○	○
10T304PESR-MM	○	○	○	○	○	○	○	○
10T308PESR-MM					○	○		
10T312PESR-MM					○	○		

Parts

Specification	Screw 	Wrench
Ø0.750~Ø1.500 (12 type)	FTNA0306	TW09S
Ø0.625~Ø1.500 (10 type)	FTKA02555S	TW08S

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