

# 可换式立铣刀

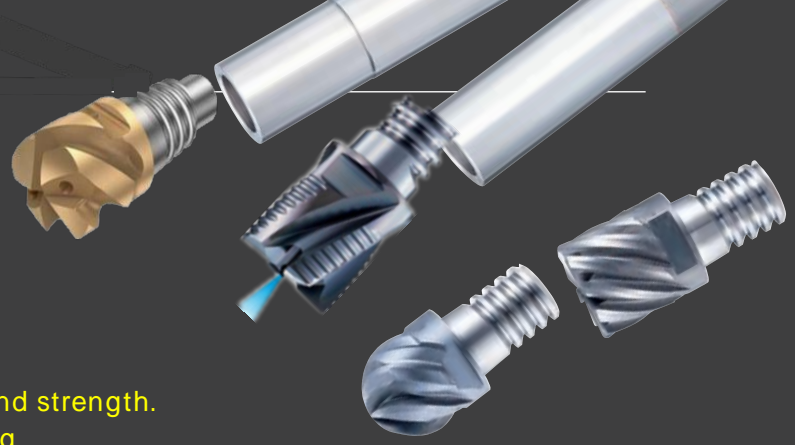
## Exchangeable Head End mill

奥凯沃硬质合金工具有限  
AoKai Wo Carbide Tool Co.Ltd



# 可换铣刀头特点

## Features of interchangeable milling cutter heads



固定在两个表面，以确保跳动精度和强度。

配有支撑螺钉，以便于连接。

缩短了工具更换时间。（可在机器上更换）

通过组合不同的头部和身体，可以实现多种变化。

Held at two surfaces to ensure runout precision and strength.

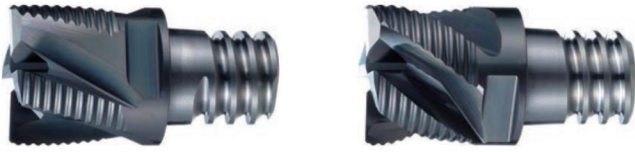
Provided with buttress screws to facilitate coupling.

Shortened tool replacement time. (Replaceable on machine)

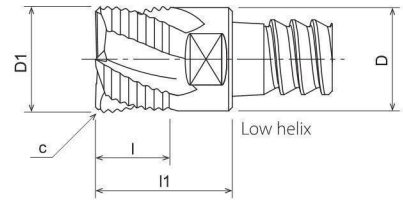
Numerous variations are possible by combining different heads and bodies.

	产品系列 Product Series	规格 specifimc ation	特点 Features	尺寸范围 Size range
	PXNL (OH)		Low variable helix with roughing shape	10 - 25 mm
	PXNH (OH)		High variable helix with roughing shape	10 - 25 mm
	PXVC		High variable helix for L/D up to 7xD	10 - 32 mm
	PXSE (OH)		Variable helix for L/D up to 5xD	10 - 25 mm
	PXSM		Multi flute variable helix for L/D up to 5xD	10 - 25 mm
	PXRE		Corner radius with straight flute for L/D up to 5xD	10 - 20 mm
	PXDR-P		Corner radius with high helix flute for L/D up to 7xD	10 - 20 mm
	PXDR-N		Corner radius with high helix flute for L/D up to 7xD	10 - 20 mm
	PXBE-P (OH)		3 flute ball nose for L/D up to 7xD	10 - 20 mm
	PXBE-N		3 flute ball nose for L/D up to 5xD	10 - 20 mm
	PXBM		Multi flute ball nose for L/D up to 5xD	10 - 20 mm

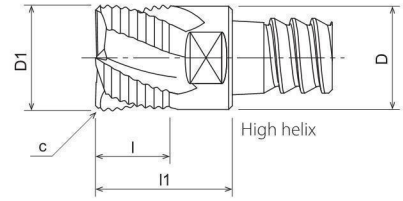
# AKO Interchangeable milling head end milling cutter



Type 1



Type 2

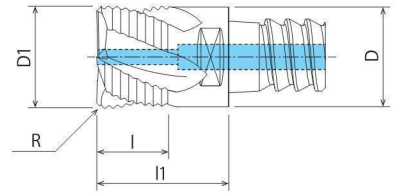


可換螺旋实心硬质合金铣刀头45 HRC工作材料的粗加工形状用于ako直柄支架10-25mm  
 Rough machining shape of variable spiral solid hard alloy milling cutter head 45 HRC working material for AKO straight shank bracket 10-25mm



EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Type	Grade	P		M		K		N		S		H		Price
											dry		dry		GG	GGG	dry		dry		dry		
7830400	PXNL100C10-04C005	4	10	0,5	7	13	9,7	19/21	1	XP3225	●		●	●					○	○			
7830401	PXNL120C12-04C005	4	12	0,5	8,4	14,4	11,7	19/21	1	XP3225	●		●	●					○	○			
7830402	PXNL160C16-04C006	4	16	0,6	11,2	18,7	15,7	19/21	1	XP3225	●		●	●					○	○			
7830403	PXNL200C20-04C006	4	20	0,6	14	21,5	19,6	19/21	1	XP3225	●		●	●					○	○			
7830404	PXNL250C25-04C006	4	25	0,6	17,5	27,5	24	19/21	1	XP3225	●		●	●					○	○			
7830450	PXNH100C10-04C005	4	10	0,5	7	13	9,7	40/42	2	XP3225	●		●	●					○	○			
7830451	PXNH120C12-04C005	4	12	0,5	8,4	14,4	11,7	40/42	2	XP3225	●		●	●					○	○			
7830452	PXNH160C16-04C006	4	16	0,6	11,2	18,7	15,7	40/42	2	XP3225	●		●	●					○	○			
7830453	PXNH200C20-04C006	4	20	0,6	14	21,5	19,6	40/42	2	XP3225	●		●	●					○	○			
7830454	PXNH250C25-04C006	4	25	0,6	17,5	27,5	24	40/42	2	XP3225	●		●	●					○	○			

# AKO Interchangeable milling head end milling cutter

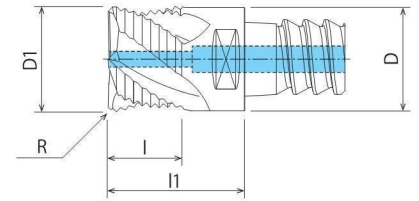


带冷却孔的可换螺旋实心硬质合金铣刀头,  
 选用AKO直柄支架的45 HRC工作材料的粗加工  
 Variable helix solid carbide head with  
 coolant hole  
 Roughing shape in 45 HRC  
 work materials  
 For PXMZ straight shank holder



EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	⊿	dry	⊿	GG	GGG	dry	⊿	dry	⊿	dry	⊿	
7830411	PXNL120C12-04C005-O	4	12	0,5	8,4	14,4	11,7	19/21	XP3225	●	⊿	●	●	●	●	●	●	●	●	●	●	
7830412	PXNL160C16-04C006-O	4	16	0,6	11,2	18,7	15,7	19/21	XP3225	●	⊿	●	●	●	●	●	●	●	●	●	●	
7830413	PXNL200C20-04C006-O	4	20	0,6	14	21,5	19,6	19/21	XP3225	●	⊿	●	●	●	●	●	●	●	●	●	●	
7830414	PXNL250C25-04C006-O	4	25	0,6	17,5	27,5	24	19/21	XP3225	●	⊿	●	●	●	●	●	●	●	●	●	●	

# AKO Interchangeable milling head end milling cutter



带冷却孔的可换螺旋实心硬质合金铣刀头45 HRC工作材料的粗加工形状用于AKO直柄支架12-25mm

Variable helix solid carbide head with coolant holeRoughing shape in 45 HRC work materialFor AKOstraight shank holder12-25mm



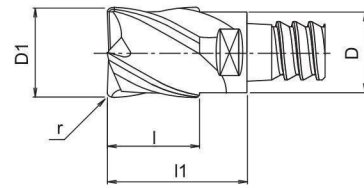
EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	☉	dry	☉	GG	GGG	dry	☉	dry	☉	dry	☉	
7830461	PXNH120C12-04C005-O	4	12	0,5	8,4	14,4	11,7	40/42	XP3225	☉			☉	☉					☉	☉		
7830462	PXNH160C16-04C006-O	4	16	0,6	11,2	18,7	15,7	40/42	XP3225	☉			☉	☉					☉	☉		
7830463	PXNH200C20-04C006-O	4	20	0,6	14	21,5	19,6	40/42	XP3225	☉			☉	☉					☉	☉		
7830464	PXNH250C25-04C006-O	4	25	0,6	17,5	27,5	24	40/42	XP3225	☉			☉	☉					☉	☉		

# AKO Interchangeable milling head end milling cutter

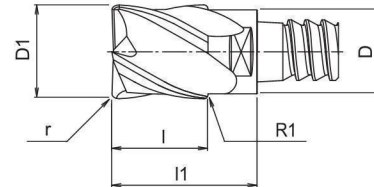


可换螺旋实心硬质合金铣刀头在55 HRC工作材料中的高达7XD应用对于AKO直柄支架10-32mm  
 High variable helix solid carbide head Up to 7XD application in 55 HRC work materials For AKO straight shank holder 10-32mm

Type 1

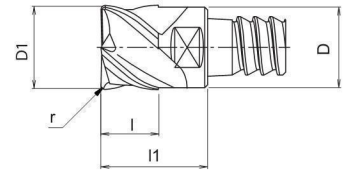


Type 2\*



EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Type	Grade	P		M		K		N		S		H		Price
											dry	👉	dry	👉	GG	GGG	dry	👉	dry	👉	dry	👉	
7834994	PXVC100C10-04R000	4	10	0	10	16	9,8	45/48	1	XP3225	●		●	●									
7834995	PXVC100C10-04R005	4	10	0.5	10	16	9,8	45/48	1	XP3225	●		●	●									
7834996	PXVC100C10-04R010	4	10	1	10	16	9,8	45/48	1	XP3225	●		●	●									
7834997	PXVC100C10-04R020	4	10	2	10	16	9,8	45/48	1	XP3225	●		●	●									
7834998	PXVC100C10-04R030	4	10	3	10	16	9,8	45/48	1	XP3225	●		●	●									
7834999	PXVC120C10-04R000	4	12	0	12	18	9,8	45/48	2	XP3225	●		●	●									
7835000	PXVC120C10-04R005	4	12	0.5	12	18	9,8	45/48	2	XP3225	●		●	●									
7835001	PXVC120C10-04R010	4	12	1	12	18	9,8	45/48	2	XP3225	●		●	●									
7835002	PXVC120C10-04R020	4	12	2	12	18	9,8	45/48	2	XP3225	●		●	●									
7835003	PXVC120C10-04R030	4	12	3	12	18	9,8	45/48	2	XP3225	●		●	●									
7835004	PXVC120C12-04R000	4	12	0	12	18	11,7	45/48	1	XP3225	●		●	●									
7835005	PXVC120C12-04R005	4	12	0.5	12	18	11,7	45/48	1	XP3225	●		●	●									
7835006	PXVC120C12-04R010	4	12	1	12	18	11,7	45/48	1	XP3225	●		●	●									
7835007	PXVC120C12-04R020	4	12	2	12	18	11,7	45/48	1	XP3225	●		●	●									
7835008	PXVC120C12-04R030	4	12	3	12	18	11,7	45/48	1	XP3225	●		●	●									
7835009	PXVC140C12-04R000	4	14	0	14	20	11,7	45/48	2	XP3225	●		●	●									
7835010	PXVC140C12-04R005	4	14	0.5	14	20	11,7	45/48	2	XP3225	●		●	●									
7835011	PXVC140C12-04R010	4	14	1	14	20	11,7	45/48	2	XP3225	●		●	●									
7835012	PXVC140C12-04R020	4	14	2	14	20	11,7	45/48	2	XP3225	●		●	●									
7835013	PXVC140C12-04R030	4	14	3	14	20	11,7	45/48	2	XP3225	●		●	●									
7835014	PXVC160C16-04R000	4	16	0	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835015	PXVC160C16-04R005	4	16	0.5	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835016	PXVC160C16-04R010	4	16	1	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835017	PXVC160C16-04R015	4	16	1,5	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835018	PXVC160C16-04R020	4	16	2	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835019	PXVC160C16-04R030	4	16	3	16	23,5	15,7	45/48	1	XP3225	●		●	●									
7835020	PXVC180C16-04R000	4	18	0	18	25,5	15,7	45/48	2	XP3225	●		●	●									
7835021	PXVC180C16-04R005	4	18	0,5	18	25,5	15,7	45/48	2	XP3225	●		●	●									
7835022	PXVC180C16-04R010	4	18	1	18	25,5	15,7	45/48	2	XP3225	●		●	●									
7835023	PXVC180C16-04R020	4	18	2	18	25,5	15,7	45/48	2	XP3225	●		●	●									
7835024	PXVC180C16-04R030	4	18	3	18	25,5	15,7	45/48	2	XP3225	●		●	●									
7835025	PXVC200C20-04R000	4	20	0	20	27,5	19,6	45/48	1	XP3225	●		●	●									
7835026	PXVC200C20-04R005	4	20	0,5	20	27,5	19,6	45/48	1	XP3225	●		●	●									
7835027	PXVC200C20-04R010	4	20	1	20	27,5	19,6	45/48	1	XP3225	●		●	●									
7835028	PXVC200C20-04R020	4	20	2	20	27,5	19,6	45/48	1	XP3225	●		●	●									
7835029	PXVC200C20-04R030	4	20	3	20	27,5	19,6	45/48	1	XP3225	●		●	●									
7835030	PXVC220C20-04R000	4	22	0	22	29,5	19,6	45/48	2	XP3225	●		●	●									
7835038	PXVC220C20-04R005	4	22	0,5	22	29,5	19,6	45/48	2	XP3225	●		●	●									
7835031	PXVC220C20-04R010	4	22	1	22	29,5	19,6	45/48	2	XP3225	●		●	●									
7835032	PXVC220C20-04R020	4	22	2	22	29,5	19,6	45/48	2	XP3225	●		●	●									
7835033	PXVC220C20-04R030	4	22	3	22	29,5	19,6	45/48	2	XP3225	●		●	●									
7835034	PXVC250C25-04R000	4	25	0	25	35	24	45/48	1	XP3225	●		●	●									
7835035	PXVC250C25-04R010	4	25	1	25	35	24	45/48	1	XP3225	●		●	●									
7835036	PXVC250C25-04R020	4	25	2	25	35	24	45/48	1	XP3225	●		●	●									
7835037	PXVC250C25-04R030	4	25	3	25	35	24	45/48	1	XP3225	●		●	●									
7835039	PXVC320C32-05R010	5	32	1	32	44,7	28	45	1	XP3225	●		●	●									
7835040	PXVC320C32-08R010	8	32	1	32	44,7	28	38	1	XP3225	●		●	●									

# AKO Interchangeable milling head end milling cutter



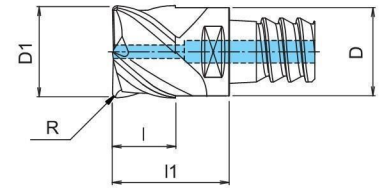
可換螺旋实心硬质合金铣刀头在55 HRC工作材料中的最大5XD应用  
AKO直柄支架10-25mm

Variable helix solid carbide head Up to 5XD application in 55 HRC  
work materials For AKO straight shank holder 10-25mm



EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	⊖	dry	⊖	GG	GGG	dry	⊖	dry	⊖	dry	⊖	
7829994	PXSE100C10-04R000	4	10	0	7	13	9,7	38	XP3225	●			●	●					○	○		
7829995	PXSE100C10-04R005	4	10	0,5	7	13	9,7	38	XP3225	●			●	●					○	○		
7829996	PXSE100C10-04R010	4	10	1	7	13	9,7	38	XP3225	●			●	●					○	○		
7829997	PXSE100C10-04R020	4	10	2	7	13	9,7	38	XP3225	●			●	●					○	○		
7829998	PXSE100C10-04R030	4	10	3	7	13	9,7	38	XP3225	●			●	●					○	○		
7830009	PXSE160C16-04R000	4	12	0	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830010	PXSE160C16-04R005	4	12	0,5	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830011	PXSE160C16-04R010	4	12	1	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830007	PXSE120C12-04R020	4	12	2	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830008	PXSE120C12-04R030	4	12	3	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830009	PXSE160C16-04R000	4	16	0	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830010	PXSE160C16-04R005	4	16	0,5	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830011	PXSE160C16-04R010	4	16	1	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830012	PXSE160C16-04R015	4	16	1,5	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830013	PXSE160C16-04R020	4	16	2	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830014	PXSE160C16-04R030	4	16	3	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830015	PXSE200C20-04R000	4	20	0	14	21,5	19,6	38	XP3225	●			●	●					○	○		
7830016	PXSE200C20-04R005	4	20	0,5	14	21,5	19,6	38	XP3225	●			●	●					○	○		
7830017	PXSE200C20-04R010	4	20	1	14	21,5	19,6	38	XP3225	●			●	●					○	○		
7830018	PXSE200C20-04R020	4	20	2	14	21,5	19,6	38	XP3225	●			●	●					○	○		
7830019	PXSE200C20-04R030	4	20	3	14	21,5	19,6	38	XP3225	●			●	●					○	○		
7830020	PXSE250C25-04R000	4	25	0	17,5	27,5	24	38	XP3225	●			●	●					○	○		
7830021	PXSE250C25-04R010	4	25	1	17,5	27,5	24	38	XP3225	●			●	●					○	○		
7830022	PXSE250C25-04R020	4	25	2	17,5	27,5	24	38	XP3225	●			●	●					○	○		
7830023	PXSE250C25-04R030	4	25	3	17,5	27,5	24	38	XP3225	●			●	●					○	○		

# AKO Interchangeable milling head end milling cutter



带冷却孔的可换螺旋实心硬质合金铣刀头在55 HRC工作材料中的应用高达5XD应用AKO直柄支架12-25mm

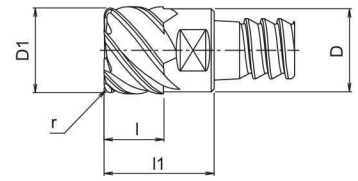
Variable helix solid carbide head with coolant hole Up to 5XD application in 55 HRC work materials For PXMZ straight shank holder 12-25mm



EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	☉	dry	☉	GG	GGG	dry	☉	dry	☉	dry	☉	
7830054	PXSE120C12-04R000-O	4	12	0	8,4	14,4	11,7	38	XP3225	☉		☉	☉					☉	☉			
7830056	PXSE120C12-04R010-O	4	12	1	8,4	14,4	11,7	38	XP3225	☉		☉	☉					☉	☉			
7830058	PXSE120C12-04R030-O	4	12	3	8,4	14,4	11,7	38	XP3225	☉		☉	☉					☉	☉			
7830059	PXSE160C16-04R000-O	4	16	0	11,2	18,7	15,7	38	XP3225	☉		☉	☉					☉	☉			
7830061	PXSE160C16-04R010-O	4	16	1	11,2	18,7	15,7	38	XP3225	☉		☉	☉					☉	☉			
7830064	PXSE160C16-04R030-O	4	16	3	11,2	18,7	15,7	38	XP3225	☉		☉	☉					☉	☉			
7830065	PXSE200C20-04R000-O	4	20	0	14	21,5	19,6	38	XP3225	☉		☉	☉					☉	☉			
7830067	PXSE200C20-04R010-O	4	20	1	14	21,5	19,6	38	XP3225	☉		☉	☉					☉	☉			
7830069	PXSE200C20-04R030-O	4	20	3	14	21,5	19,6	38	XP3225	☉		☉	☉					☉	☉			
7830070	PXSE250C25-04R000-O	4	25	0	17,5	27,5	24	38	XP3225	☉		☉	☉					☉	☉			
7830071	PXSE250C25-04R010-O	4	25	1	17,5	27,5	24	38	XP3225	☉		☉	☉					☉	☉			
7830074	PXSE250C25-04R030-O	4	25	3	17,5	27,5	24	38	XP3225	☉		☉	☉					☉	☉			



# AKO Interchangeable milling head end milling cutter



多槽可換螺旋实心硬质合金铣刀头在55 HRC工作材料中的最大5XD应用对于AKO直柄支架10-25mm  
 Multi flute variable helix solid carbide headUp to 5XD application in 55 HRC work materialsFor AKO straight shank holder10-25mmAKO

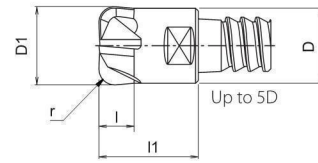


EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	oil	dry	oil	GG	GGG	dry	oil	dry	oil	dry	oil	
7830094	PXSM100C10-06R000	6	10	0	7	13	9,7	38	XP3225	●			●	●					○	○		
7830095	PXSM100C10-06R005	6	10	0,5	7	13	9,7	38	XP3225	●			●	●					○	○		
7830096	PXSM100C10-06R010	6	10	1	7	13	9,7	38	XP3225	●			●	●					○	○		
7830097	PXSM100C10-06R020	6	10	2	7	13	9,7	38	XP3225	●			●	●					○	○		
7830104	PXSM120C12-06R000	6	12	0	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830105	PXSM120C12-06R005	6	12	0,5	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830106	PXSM120C12-06R010	6	12	1	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830107	PXSM120C12-06R020	6	12	2	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830108	PXSM120C12-06R030	6	12	3	8,4	14,4	11,7	38	XP3225	●			●	●					○	○		
7830109	PXSM160C16-06R000	6	16	0	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830110	PXSM160C16-06R005	6	16	0,5	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830111	PXSM160C16-06R010	6	16	1	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830112	PXSM160C16-06R015	6	16	1,5	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830113	PXSM160C16-06R020	6	16	2	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830114	PXSM160C16-06R030	6	16	3	11,2	18,7	15,7	38	XP3225	●			●	●					○	○		
7830115	PXSM160C16-08R000	8	16	0	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830116	PXSM160C16-08R005	8	16	0,5	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830117	PXSM160C16-08R010	8	16	1	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830118	PXSM160C16-08R015	8	16	1,5	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830119	PXSM160C16-08R020	8	16	2	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830120	PXSM160C16-08R030	8	16	3	11,2	18,7	15,7	42	XP3225	●			●	●					○	○		
7830121	PXSM200C20-10R000	10	20	0	14	21,5	19,6	42	XP3225	●			●	●					○	○		
7830122	PXSM200C20-10R005	10	20	0,5	14	21,5	19,6	42	XP3225	●			●	●					○	○		
7830123	PXSM200C20-10R010	10	20	1	14	21,5	19,6	42	XP3225	●			●	●					○	○		
7830124	PXSM200C20-10R020	10	20	2	14	21,5	19,6	42	XP3225	●			●	●					○	○		
7830125	PXSM200C20-10R030	10	20	3	14	21,5	19,6	42	XP3225	●			●	●					○	○		
7830126	PXSM250C25-10R000	10	25	0	17,5	27,5	24	42	XP3225	●			●	●					○	○		
7830127	PXSM250C25-10R010	10	25	1	17,5	27,5	24	42	XP3225	●			●	●					○	○		
7830128	PXSM250C25-10R020	10	25	2	17,5	27,5	24	42	XP3225	●			●	●					○	○		
7830129	PXSM250C25-10R030	10	25	3	17,5	27,5	24	42	XP3225	●			●	●					○	○		

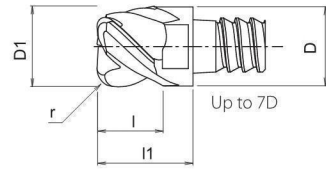
# AKO Interchangeable milling head end milling cutter



Type 1



Type 2

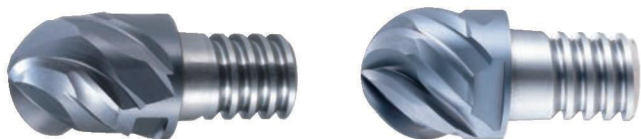


带直槽硬质合金铣刀头的圆角半径在60 HRC工作材料中可应用5XD AKO直柄支架10-20mm  
 Corner radius with straight flutes solid carbide head Up to 5XD application in 60 HRC work materials For Pxmz straight shank holder 10-20mm

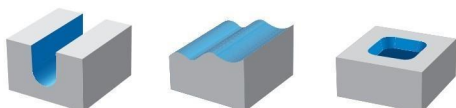


EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Type	Grade	P		M		K		N		S		H		Price
											dry	☹	dry	☹	GG	GGG	dry	☹	dry	☹	dry	☹	
7830200	PXRE100C10-04R020	4	10	2	4,5	13	9,7	-	1	XP6305	☹				●	●						●	
7830201	PXRE120C12-04R020	4	12	2	5	14,4	11,7	-	1	XP6305	☹				●	●						●	
7830202	PXRE160C16-06R030	6	16	3	7	18,7	15,7	-	1	XP6305	☹				●	●						●	
7830203	PXRE200C20-06R030	6	20	3	10	21,5	19,6	-	1	XP6305	☹				●	●						●	
7830369	PXDR100C10-03R015-N	3	10	1,5	7	13	9,7	45	2	XP6305	☹		●									●	
7830370	PXDR100C10-03R020-N	3	10	2	7	13	9,7	45	2	XP6305	☹		●									●	
7830371	PXDR120C12-03R015-N	3	12	1,5	8,4	14,4	11,7	45	2	XP6305	☹		●									●	
7830372	PXDR120C12-03R020-N	3	12	2	8,4	14,4	11,7	45	2	XP6305	☹		●									●	
7830373	PXDR160C16-03R020-N	3	16	2	11,2	18,7	15,7	45	2	XP6305	☹		●									●	
7830374	PXDR160C16-03R030-N	3	16	3	11,2	18,7	15,7	45	2	XP6305	☹		●									●	
7830375	PXDR200C20-03R020-N	3	20	2	14	21,5	19,6	45	2	XP6305	☹		●									●	
7830376	PXDR200C20-03R030-N	3	20	3	14	21,5	19,6	45	2	XP6305	☹		●									●	
7830349	PXDR100C10-03R015-P	3	10	1,5	7	13	9,7	45	2	XP3225	☹		●	●								○	
7830350	PXDR100C10-03R020-P	3	10	2	7	13	9,7	45	2	XP3225	☹		●	●								○	
7830351	PXDR120C12-03R015-P	3	12	1,5	8,4	14,4	11,7	45	2	XP3225	☹		●	●								○	
7830352	PXDR120C12-03R020-P	3	12	2	8,4	14,4	11,7	45	2	XP3225	☹		●	●								○	
7830353	PXDR160C16-03R020-P	3	16	2	11,2	18,7	15,7	45	2	XP3225	☹		●	●								○	
7830354	PXDR160C16-03R030-P	3	16	3	11,2	18,7	15,7	45	2	XP3225	☹		●	●								○	
7830355	PXDR200C20-03R020-P	3	20	2	14	21,5	19,6	45	2	XP3225	☹		●	●								○	
7830356	PXDR200C20-03R030-P	3	20	3	14	21,5	19,6	45	2	XP3225	☹		●	●								○	

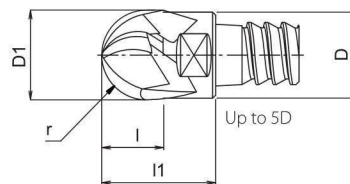
# AKO Interchangeable milling head end milling cutter



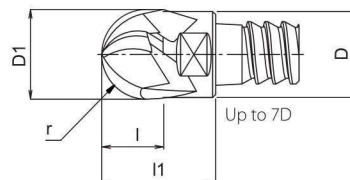
多槽可换螺旋实心硬质合金铣刀头在60 HRC工作材料中的最大5XD应用对于AKO直柄支架10-20mm  
 Multi flute variable helix solid carbide head Up to 5XD application in 60 HRC work materials For AKO straight shank holder 10-20mm



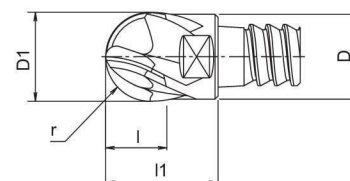
Type 1



Type 2

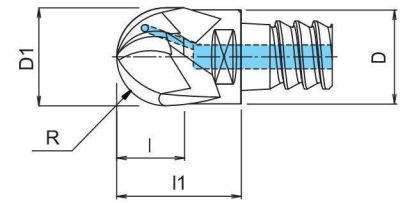
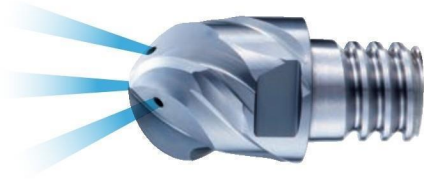


Type 3

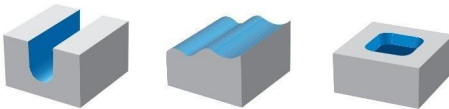


EDP	Designation	Z	D1	R	l	l1	D	Helix angle	Type	Grade	P		M		K		N		S		H		Price
											dry	☉	dry	☉	GG	GGG	dry	☉	dry	☉	dry	☉	
7830270	PXBE100C10-03R050-P	3	10	5	7	13	9,7	45	1	XP3320	☉		☉	☉					☉	☉			
7830271	PXBE120C12-03R060-P	3	12	6	8,4	14,4	11,7	45	1	XP3320	☉		☉	☉					☉	☉			
7830272	PXBE160C16-03R080-P	3	16	8	11,2	18,7	15,7	45	1	XP3320	☉		☉	☉					☉	☉			
7830273	PXBE200C20-03R100-P	3	20	10	14	21,5	19,6	45	1	XP3320	☉		☉	☉					☉	☉			
7830250	PXBE100C10-03R050-N	3	10	5	7	13	9,7	45	1	XP3320	☉		☉	☉					☉	☉			
7830251	PXBE120C12-03R060-N	3	12	6	8,4	14,4	11,7	45	2	XP3320	☉		☉	☉					☉	☉			
7830252	PXBE160C16-03R080-N	3	16	8	11,2	18,7	15,7	45	2	XP3320	☉		☉	☉					☉	☉			
7830253	PXBE200C20-03R100-N	3	20	10	14	21,5	19,6	45	2	XP3320	☉		☉	☉					☉	☉			
7830300	PXBM100C10-04R050	4	10	5	7	13	9,7	45	3	XP3320	☉		☉	☉					☉	☉			
7830301	PXBM120C12-04R060	4	12	6	8,4	14,4	11,7	45	3	XP3320	☉		☉	☉					☉	☉			
7830302	PXBM160C16-06R080	6	16	8	11,2	18,7	15,7	45	3	XP3320	☉		☉	☉					☉	☉			
7830303	PXBM200C20-06R100	6	20	10	14	21,5	19,6	45	3	XP3320	☉		☉	☉					☉	☉			

# AKO Interchangeable milling head end milling cutter



带冷却孔的多槽可换螺旋实心硬质合金铣刀头在60 HRC工作材料中的高达5XD应用AKO直柄支架12-20mm  
 Multi flute variable helix solid carbide head with coolant holes Up to 5XD application in 60 HRC work materials  
 For AKO straight shank holder 12-20mm



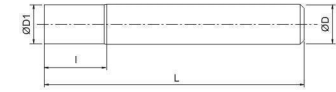
EDP	Designation	Z	D1	R	I	l1	D	Helix angle	Grade	P		M		K		N		S		H		Price
										dry	☹	dry	☹	GG	GGG	dry	☹	dry	☹	dry	☹	
7830281	PXBE120C12-03R060-P-O	3	12	6	8,4	14,4	11,7	45	XP3320	☹		☹	☹					☹	☹			
7830282	PXBE160C16-03R080-P-O	3	16	8	11,2	18,7	15,7	45	XP3320	☹		☹	☹					☹	☹			
7830283	PXBE200C20-03R100-P-O	3	20	10	14	21,5	19,6	45	XP3320	☹		☹	☹					☹	☹			
7830261	PXBE120C12-03R060-N-O	3	12	6	8,4	14,4	11,7	45	XP3320	☹		☹	☹					☹	☹			
7830262	PXBE160C16-03R080-N-O	3	16	8	11,2	18,7	15,7	45	XP3320	☹		☹	☹					☹	☹			
7830263	PXBE200C20-03R100-N-O	3	20	10	14	21,5	19,6	45	XP3320	☹		☹	☹					☹	☹			

# AKO Interchangeable milling head end milling cutter bracket

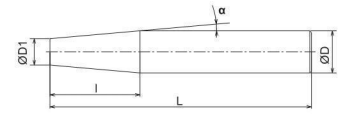


AKO可更换硬质合金(钢体)刀杆  
AKO replaceable carbide alloy (steel body) tool holder

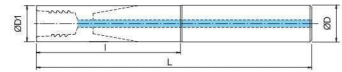
Type 1



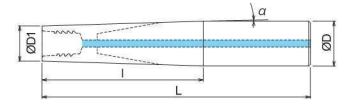
Type 2



Type 3



Type 4



Type 5



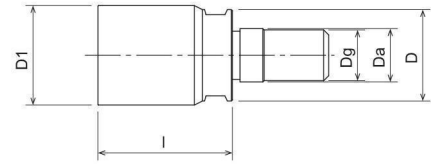
EDP	Designation	Head $\varnothing$	D1	D	$\alpha$	L	l	Head + l (except PXVC)	Head + l PXVC	Head + l PXVC D1>D	Type	Oil hole	Shank material	Price
48174025	PXMZ-C10SS10-S075CS	10	9,8	10	0°	75	17,3	30,3	33,3	35,3	1	-	Carbide	
48174023	PXMZ-C10SS10-L100CS	10	9,8	10	0°	100	37,3	50,3	53,3	55,3	1	-	Carbide	
48174026	PXMZ-C10TP12-LL130CS	10	9,8	12	0,9°	130	67	80	83	85	2	-	Carbide	
48174008	PXMZ-C12SS12-S075CS	12 - 14	11,7	12	0°	75	24	38,4	42	44	1	-	Carbide	
48174009	PXMZ-C12SS12-L100CS	12 - 14	11,7	12	0°	100	45,9	60,3	63,9	65,9	1	-	Carbide	
48174010	PXMZ-C12SS12-L115CS	12 - 14	11,7	12	0°	115	64,2	78,6	82,2	84,2	1	-	Carbide	
48174011	PXMZ-C12TP16-LL135CS	12 - 14	11,7	16	1,3°	135	83,8	98,2	101,8	103,8	2	-	Carbide	
48174012	PXMZ-C16SS16-S090CS	16 - 18	15,7	16	0°	90	39,2	57,9	62,7	64,7	1	-	Carbide	
48174013	PXMZ-C16SS16-L130CS	16 - 18	15,7	16	0°	130	61,2	79,9	84,7	86,7	1	-	Carbide	
48174014	PXMZ-C16SS16-L135CS	16 - 18	15,7	16	0°	135	84,2	102,9	107,7	109,7	1	-	Carbide	
48174015	PXMZ-C16TP20-LL165CS	16 - 18	15,7	20	1,1°	165	115	136,5	138,5	140,5	2	-	Carbide	
48174016	PXMZ-C20SS20-S090CS	20 - 22	19,6	20	0°	90	39,1	60,6	66,6	68,6	1	-	Carbide	
48174017	PXMZ-C20SS20-L150CS	20 - 22	19,6	20	0°	150	78,4	99,9	105,9	107,9	1	-	Carbide	
48174018	PXMZ-C20SS20-L180CS	20 - 22	19,6	20	0°	180	109,1	130,6	136,6	138,6	1	-	Carbide	
48174019	PXMZ-C20TP25-LL200CS	20 - 22	19,6	25	1,1°	200	140	161,5	167,5	169,5	2	-	Carbide	
48174020	PXMZ-C25SS25-L200CS	25	24	25	0°	200	96,6	124,1	131,6	-	1	-	Carbide	
48174021	PXMZ-C10SS10-S075	10	9,8	10	0°	75	12	25	28	30	1	-	Carbide	
48174024	PXMZ-C32SS32-L250CS	32	28	32	0°	250	115,2	-	159,9	-	1	-	Carbide	
48174001	PXMZ-C12SS12-S100	12 - 14	11,7	12	0°	100	18	32,4	36	38	1	-	Steel	
48174002	PXMZ-C12TP20-S145	12 - 14	11,7	20	5°	145	47,4	61,8	65,4	67,4	2	-	Steel	
48174003	PXMZ-C16SS16-S100	16 - 18	15,7	16	0°	100	23	41,7	46,5	48,5	1	-	Steel	
48174004	PXMZ-C16TP25-S155	16 - 18	15,7	25	5°	155	53,1	71,8	76,6	78,6	2	-	Steel	
48174005	PXMZ-C20SS20-S120	20 - 22	19,6	20	0°	120	28	49,5	55,5	57,5	1	-	Steel	
48174006	PXMZ-C20TP32-S170	20 - 22	19,6	32	5°	170	70,8	92,3	98,3	100,3	2	-	Steel	
48174007	PXMZ-C25SS25-S140	25	24	25	0°	140	34,5	62	69,5	-	1	-	Steel	
48174022	PXMZ-C32SS32-S160	32	28	32	0°	160	33	-	77,7	-	1	-	Steel	
48309005	PXMZ-C12SS12-S075CS-O	12	11,7	12	0°	75	25	39,4	43	45	3	●	Carbide	
48309006	PXMZ-C12SS12-L100CS-O	12	11,7	12	0°	100	46,3	60,7	64,3	66,3	3	●	Carbide	
48309007	PXMZ-C12SS12-L115CS-O	12	11,7	12	0°	115	65	79,4	83	85	3	●	Carbide	
48309008	PXMZ-C12TP16-LL135CS-O	16	11,7	16	1,3°	135	85	99,4	103	105	4	●	Carbide	
48309009	PXMZ-C12TP16-LL150CS-O	16	11,7	16	1°	150	85,6	100	103,6	105,6	4	●	Carbide	
48309010	PXMZ-C16SS16-S090CS-O	16	15,7	16	0°	90	40	58,7	63,5	65,5	3	●	Carbide	
48309011	PXMZ-C16SS16-L130CS-O	16	15,7	16	0°	130	62	80,7	85,5	87,5	3	●	Carbide	
48309012	PXMZ-C16SS16-L135CS-O	16	15,7	16	0°	135	85	103,7	108,5	110,5	3	●	Carbide	
48309013	PXMZ-C16TP20-LL165CS-O	20	15,7	20	1°	165	115	133,7	138,5	140,5	4	●	Carbide	
48309014	PXMZ-C16TP20-LL180CS-O	20	15,7	20	1°	180	116,6	135,3	140,1	142,1	4	●	Carbide	
48309015	PXMZ-C20SS20-S090CS-O	20	19,6	20	0°	90	40	61,5	67,5	69,5	3	●	Carbide	
48309016	PXMZ-C20SS20-L150CS-O	20	19,6	20	0°	150	79,3	100,8	106,8	108,8	3	●	Carbide	
48309017	PXMZ-C20SS20-L180CS-O	20	19,6	20	0°	180	110	131,5	137,5	139,5	3	●	Carbide	
48309018	PXMZ-C20TP25-LL200CS-O	25	19,6	25	1°	200	140	161,5	167,5	169,5	4	●	Carbide	
48309019	PXMZ-C20TP25-LL210CS-O	25	19,6	25	1°	210	145	166,5	172,5	174,5	4	●	Carbide	
48309020	PXMZ-C25SS25-L200CS-O	25	24	25	0°	200	98	125,5	133	-	3	●	Carbide	
48309001	PXMZ-C12SS12-S100-O	12	11,7	12	0°	100	18	32,4	36	38	5	●	Steel	
48309002	PXMZ-C16SS16-S100-O	16	15,7	16	0°	100	23	41,7	46,5	48,5	5	●	Steel	
48309003	PXMZ-C20SS20-S120-O	20	19,6	20	0°	120	28	49,5	55,5	57,5	5	●	Steel	
48309004	PXMZ-C25SS25-S140-O	25	24	25	0°	140	34,5	62	69,5	-	5	●	Steel	

# Thread joint cutter body

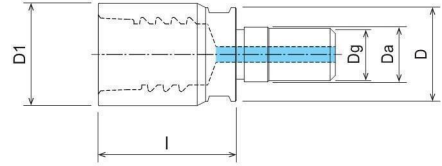
Milling | Indexables



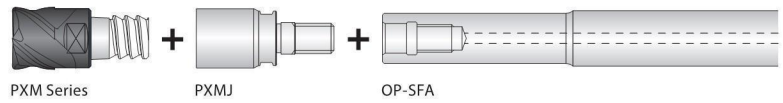
Type 1



Type 2



适用于可更换螺纹接头刀本体  
Suitable for replaceable threaded joint cutter body



EDP	Designation	Head Ø	D1	Da	Dg	l	D	Type	Oil hole	Price
7801893	PXMJ-C12SF06	12 - 14	11,7	6,5	6	18	11	1	-	
7801894	PXMJ-C16SF08	16 - 18	15,7	8,5	8	21,8	14,5	1	-	
7801895	PXMJ-C20SF10	20 - 22	19,6	10,5	10	26,5	18	1	-	
7801896	PXMJ-C25SF12	25	24	12,5	12	34	23	1	-	
7803551	<small>NEW</small> PXMJ-C12SF06-O	12	11,7	6,5	6	18	11	2	●	
7803552	<small>NEW</small> PXMJ-C16SF08-O	16	15,7	8,5	8	21,8	14,5	2	●	
7803553	<small>NEW</small> PXMJ-C20SF10-O	20	19,6	10,5	10	26,5	18	2	●	
7803554	<small>NEW</small> PXMJ-C25SF12-O	25	24	12,5	12	34	23	2	●	



可更换刀头立铣刀  
Exchangeable Head End Mill

# AKO



**奥凯沃硬质合金工具有限公司**

**Zhuzhou AoKai Wo Carbide Tool Co.Lt**

**Address: 5-2, Area A, Jiade Industrial Park Hetang Avenue, Hetang District, Zhuzhou City, Hunan Province**

**Tel: 86-731-28835805**

**Fax: 86-731-22795610**

**[www.carbideakotool.com](http://www.carbideakotool.com)**

**E-mail: [grand@akotool.com](mailto:grand@akotool.com)**