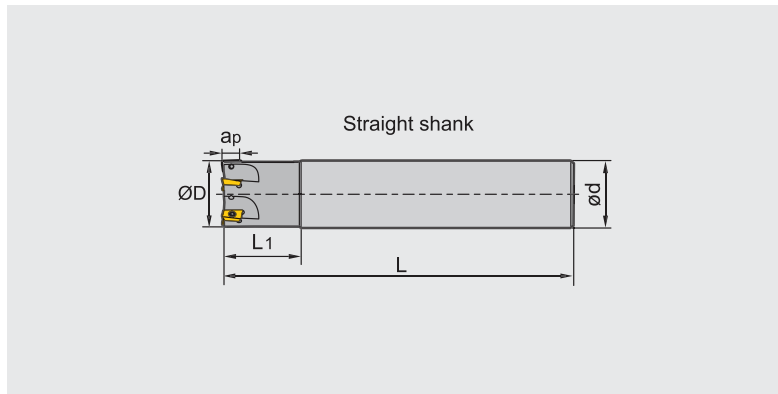


Square shoulder milling tools **Kr:90°**



EMP01 **P** **M** **K** **N**



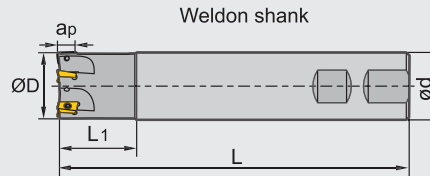
Specification of tools

Type		Dimensions(inch)					
		ØD	Ød	L1	L	apmax	Z
EMP01 Cylindrical	-0.50"-G0.625"-AP11-01	0.50	0.625	1.00	3.50	0.433	1
	-0.62"-G0.625"-AP11-02	0.625	0.625	1.00	3.50	0.433	2
	-0.75"-G0.75"-AP11-02	0.75	0.75	1.25	4.00	0.433	2
	-0.75"-G0.75"-AP11-02(L=6.5")	0.75	0.75	3.50	6.50	0.433	2
	-0.75"-G0.75"-AP11-02(L=10")	0.75	0.75	1.25	10.0	0.433	2
	-1.00"-G1.00"-AP11-03	1.00	1.00	1.50	4.50	0.433	3
	-1.25"-G1.25"-AP11-04	1.25	1.25	1.50	5.00	0.433	4
	-1.00"-G1.00"-AP16-02	1.00	1.00	1.50	4.50	0.630	2
	-1.00"-G1.00"-AP11-03 (L=10")	1.00	1.00	1.50	10.0	0.433	3
	-1.00"-G1.00"-AP11-03 (L=6.5")	1.00	1.00	3.50	6.50	0.433	3
	-1.00"-G1.00"-AP16-02 (L=7")	1.00	1.00	4.00	7.00	0.630	2
	-1.00"-G1.00"-AP16-02 (L=10")	1.00	1.00	1.50	10.0	0.630	2
	-1.25"-G1.25"-AP16-03	1.25	1.25	1.50	5.00	0.630	3
	-1.25"-G1.25"-AP11-04 (L=10")	1.25	1.25	1.50	10.0	0.433	4
	-1.25"-G1.25"-AP16-03 (L=7")	1.25	1.25	4.00	7.00	0.630	3
	-1.25"-G1.25"-AP16-03 (L=10")	1.25	1.25	1.50	10.0	0.630	3
	-1.50"-G1.25"-AP16-04	1.50	1.25	1.75	5.00	0.630	4
	-1.50"-G1.25"-AP16-04 (L=7")	1.50	1.25	1.75	7.00	0.630	4
	-1.50"-G1.25"-AP16-04 (L=10")	1.50	1.25	1.75	10.0	0.630	4
	-1.50"-G1.50"-AP16-04 (L=7")	1.50	1.50	4.00	7.00	0.630	4
-2.00"-G1.25"-AP16-05	2.00	1.25	1.75	5.50	0.630	5	
-2.50"-G1.25"-AP16-06	2.50	1.25	1.75	5.50	0.630	6	

Square shoulder milling tools **Kr:90°**



EMP01 **P** **M** **K** **N**






Specification of tools

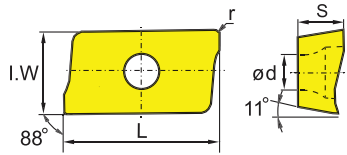
Type		Dimensions(inch)					
		ØD	Ød	L1	L	apmax	Z
EMP01 Weldon	-0.50"-0.625"-AP11-01	0.50	0.625	1.25	3.50	0.433	1
	-0.62"-0.625"-AP11-02	0.625	0.625	1.25	3.50	0.433	2
	-0.75"-XP0.75"-AP11-02	0.75	0.75	1.75	4.00	0.433	2
	-0.75"-XP0.75"-AP11-03	0.75	0.75	1.75	4.00	0.433	3
	-0.75"-XP0.75"-AP11-03	0.75	0.75	1.75	4.00	0.433	3
	-1.00"-XP1.00"-AP11-03	1.00	1.00	2.25	4.50	0.433	3
	-1.25"-XP1.25"-AP11-04	1.25	1.25	2.75	5.00	0.433	4
	-1.00"-XP1.00"-AP16-02	1.00	1.00	2.25	4.50	0.630	2
	-1.25"-XP1.25"-AP16-03	1.25	1.25	2.75	5.00	0.630	3
	-1.50"-XP1.25"-AP16-04	1.50	1.25	1.75	5.00	0.630	4
	-2.00"-XP1.25"-AP16-05	2.00	1.25	1.75	5.50	0.630	5
	-2.50"-XP1.25"-AP16-06	2.50	1.25	1.75	5.50	0.630	6
	-1.00"-XPL1.00"-AP16-02	1.00	1.00	4.25	6.50	0.630	2
	-1.00"-XPXL1.00"-AP16-02	1.00	1.00	5.75	8.00	0.630	2
	-1.25"-XPL1.25"-AP16-03	1.25	1.25	4.25	6.50	0.630	3
-1.25"-XPXL1.25"-AP16-03	1.25	1.25	6.25	8.50	0.630	3	

D

Spare parts

Diameter ØD	Insert specification	screw	Wrench	Sketch of installation
				
ØD=0.50 "~1.25"	AP11	I60M2.5×6.5T	WT08IP	
ØD=1.00 "~2.50"	AP16	I60M4×8.4	WT15IS	

Selection of inserts



😊 Good working conditions 🙄 General working conditions 😞 Adverse working conditions

Workpiece material	P Steel	M Stainless steel	K Cast iron	N Ferrite materials	S Heat-resistant steel
Steel	😊	😊	😊	😊	😊
Stainless steel	😊	😊	😊	😊	😊
Cast iron	😊	😊	😊	😊	😊
Ferrite materials	😊	😊	😊	😊	😊
Heat-resistant steel	😊	😊	😊	😊	😊

Insert shape	Type	Dimensions(inch)					Coated grade								Uncoated grade		
		L	I.W	S	ød	r	YBC302	YBM251	YBM253	YBM351	YBD252	YBG102	YBG202	YBG205	YB9320	YD101	YD201
	APKT11T304-APF	0.482	0.256	0.142	0.110	0.016									●		
	APKT11T308-APF	0.482	0.256	0.142	0.110	0.031									●		
	APKT160408-APF	0.704	0.367	0.227	0.173	0.031									●		
	APKT11T304-APM	0.482	0.256	0.142	0.110	0.016									●		
	APKT11T308-APM	0.482	0.256	0.142	0.110	0.031									●		
	APKT11T312-APM	0.482	0.256	0.142	0.110	0.047									●		
	APKT11T316-APM	0.482	0.256	0.142	0.110	0.063									●		
	APKT11T320-APM	0.482	0.256	0.142	0.110	0.079									●		
	APKT160408-APM	0.704	0.367	0.227	0.173	0.031									●		
	APKT160416-APM	0.704	0.367	0.227	0.173	0.063									●		
	APKT160420-APM	0.704	0.367	0.227	0.173	0.079									●		
	APKT160424-APM	0.704	0.367	0.227	0.173	0.094									●		
	APKT160430-APM	0.704	0.367	0.227	0.173	0.118									●		
	APKT11T304-ALH	0.482	0.256	0.142	0.110	0.016									●	●	
	APKT11T308-ALH	0.482	0.256	0.142	0.110	0.031									●	○	
	APKT160408-ALH	0.704	0.367	0.227	0.173	0.031									●	●	

● Always stock available ○ Produce according to order

