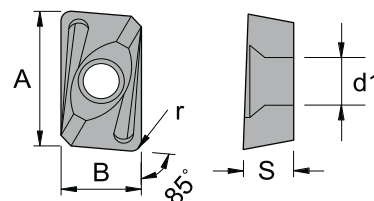


Insert Specifications

Insert	Dimensions (mm)				
	A	B	S	r	d1
APMT113508	11.0	6.35	3.5	0.8	2.8
APMT113516	11.0	6.35	3.5	1.6	2.8
APMT160408	16.5	9.525	4.76	0.8	4.4
APMT160416	16.5	9.525	4.76	1.6	4.4
APGT160408	16.5	9.525	4.76	0.8	4.4



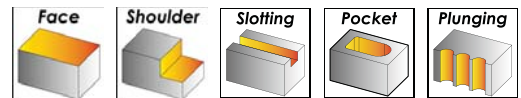
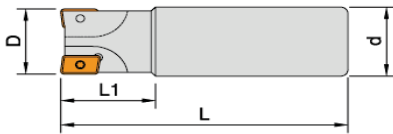
Insert Order Code

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IAPMT113508EMG22HS	APMT113508PDER-MG-CX22HS	●	○	●		○	●
	IAPMT113508EMG32HS	APMT113508PDER-MG-CX32HS	●	●	●		○	○
	IAPMT113508EMG43TS	APMT113508PDER-MG-CX43TS	●	●	●		●	
	IAPMT113516EMG22HS	APMT113516PDER-MG-CX22HS	●	○	●		○	●
	IAPMT113516EMG32HS	APMT113516PDER-MG-CX32HS	●	●	●		○	○
	IAPMT113508ERG22HS	APMT113508PDER-RG-CX22HS	●	○	●		○	●
	IAPMT113508ERG32HS	APMT113508PDER-RG-CX32HS	●	●	●		○	○
	IAPMT113508ERG43TS	APMT113508PDER-RG-CX43TS	●	●	●		●	
	IAPMT113508EHG32HS	APMT113508PDER-HG-CX32HS	●	●	●		○	○
	IAPMT113508EHG43TS	APMT113508PDER-HG-CX43TS						
	IAPMT160408EMG22HS	APMT160408PDER-MG-CX22HS	●	○	●		○	●
	IAPMT160408EMG32HS	APMT160408PDER-MG-CX32HS	●	●	●		○	○
	IAPMT160408EMG43TS	APMT160408PDER-MG-CX43TS	●	●	●		●	
	IAPMT160416EMG32HS	APMT160416PDER-MG-CX32HS	●	●	●		○	○
	IAPMT160408ERG22HS	APMT160408PDER-RG-CX22HS	●	○	●		○	●
	IAPMT160408ERG32HS	APMT160408PDER-RG-CX32HS	●	●	●		○	○
	IAPMT160408ERG43TS	APMT160408PDER-RG-CX43TS	●	●	●		●	
	IAPMT160408EHG22HS	APMT160408PDER-HG-CX22HS	●	○	●		○	●
	IAPMT160408EHG32HS	APMT160408PDER-HG-CX32HS	●	●	●		○	○
	IAPMT160408EHG43TS	APMT160408PDER-HG-CX43TS	●	●	●		●	
	IAPGT160408EAL03	APGT160408PDER-AL-CX03				●		

Recommended Cutting Conditions

Working Material	for APMT1135			for APMT1604		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel (HB85-225)	120 ~ 250	0.10 ~ 0.22	0.5 ~ 7.0	120 ~ 250	0.12 ~ 0.28	0.5 ~ 11.0
Stainless 300 Series	100 ~ 180	0.08 ~ 0.18	0.5 ~ 4.0	100 ~ 180	0.10 ~ 0.22	0.5 ~ 7.0
Cast Iron (HB140-220)	120 ~ 250	0.10 ~ 0.22	0.5 ~ 6.0	120 ~ 250	0.12 ~ 0.28	0.5 ~ 11.0
Aluminum alloy	-	-	-	300 ~ 1000	0.10 ~ 0.40	0.5 ~ 11.0
High temp. & Titanium alloy	40 ~ 100	0.07 ~ 0.14	0.5 ~ 4.0	40 ~ 100	0.10 ~ 0.22	0.5 ~ 7.0
Hardened steel	50 ~ 100	0.07 ~ 0.15	0.5 ~ 4.0	50 ~ 100	0.10 ~ 0.22	0.5 ~ 7.0

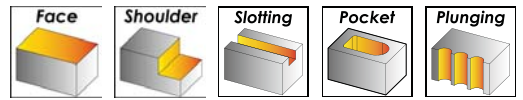
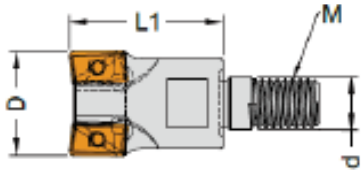
CBAPE - Milling tools



Order No. 訂購編碼	D	L1	L	d	T	Inserts	Screw	Wrench
ICBAPE302016100	16	25	100	16	2	APMT1135	ITS2515	ITK08
ICBAPE302016160	16	35	160	16	2			
ICBAPE302020150	20	35	150	20	2			
ICBAPE303020100	20	30	100	20	3			
ICBAPE303020150	20	35	150	20	3			
ICBAPE304025100	25	35	100	25	4			
ICBAPE304030120	30	40	120	25	4			
ICBAPE305032120	32	40	120	32	5			
ICBAPE402025150	25	40	150	25	2			
ICBAPE402025200	25	70	200	25	2			
ICBAPE402030150	30	40	150	25	2			
ICBAPE402030200	30	50	200	25	2			
ICBAPE403032150	32	45	150	32	3			
ICBAPE403032200	32	80	200	32	3			

Customize available.

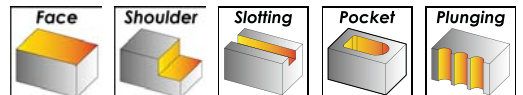
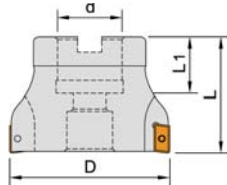
CBAPM - Modular tools



Order No. 訂購編碼	D	L1	d	M	T	Inserts	Screw	Wrench
ICBAPM302016080	16	26	8.5	M8	2	APMT1135	ITS2515	ITK08
ICBAPM302020100	20	30	10.5	M10	2			
ICBAPM303020100	20	30	10.5	M10	3			
ICBAPM304025120	25	35	12.5	M12	4			
ICBAPM305032160	32	40	17	M16	5			
ICBAPM305033160	33	40	17	M16	5			
ICBAPM402025120	25	35	12.5	M12	2	APMT1604 or APGT1604	ITS4023	ITK15
ICBAPM402032160	32	40	17	M16	3			

Customize available.

CBAPF - Milling tools



Order No. 訂購編碼	D	L1	L	d	T	Inserts	Screw	Wrench
ICBAPF306050250	50	45	18	25.4	6	APMT1135	ITS2515	ITK08
ICBAPF307063220	63	45	22	22	7			
ICBAPF307063254	63	45	22	25.4	7			
ICBAPF308063250	80	50	26	25.4	8			
ICBAPF308063270	80	50	26	27	8			
ICBAPF405050220	50	45	22	22	5	APMT1604 or APGT1604	ITS4023	ITK15
ICBAPF405050250	50	45	18	25.4	5			
ICBAPF406063220	63	45	22	22	6			
ICBAPF406063250	63	45	22	25.4	6			
ICBAPF407080250	80	50	26	25.4	7			
ICBAPF407080270	80	50	26	27	7			

Customize available.