

Exchangeable M Series Indexable & Solid Carbide Heads

All ISO M threading heads are compatible !



Indexable Heads

Shoulder milling



CXXNM
P02



CAXOM
P03



CATPM
P04



CR39M
P05



CARTM
P06



CAPKM
P07



CBAPM
P08

Copy milling



CARDM
P09~10



CF21M
P11



CF22M
P12

High feed face milling



CXBNM
P13



CXLNM
P14



CISRM
P15

Solid Carbide Heads



EHSWH
Square Type
P16



EHBWH
Ball Nose Type
P17



EHCWH
Corner Radius Type
P18



EPFWA
Chamfer Type
P19

Tooling System & Accessories



SWMEA
Straight Type
P20



SWMEB
Straight Neck Type
P21



SWMET
Taper Neck Type
P22



BT40/50
BT Holder
P23



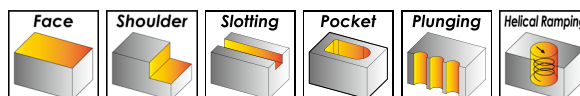
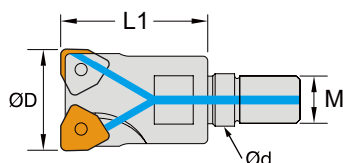
P40T
Pull Studs
P23



HSK63
HSK Holder
P24

Shoulder Milling - CXXNM

CXXNM use double sided insert with 6 cutting edges, for small and large sized milling machines.



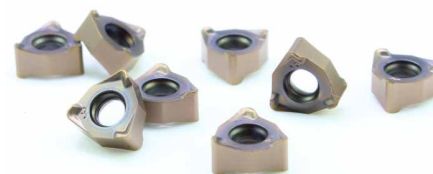
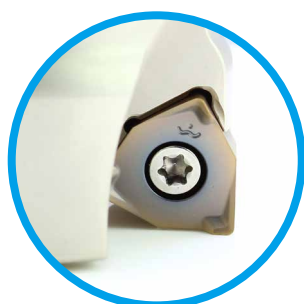
Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench
ICXXNM402017081	17	26	8.5	M08	2	●	XNMX0403	ITS2512	ITK08
ICXXNM403021101	21	32	10.5	M10	3	●			
ICXXNM404026121	26	38	12.5	M12	4	●			
ICXXNM404032160	32	41	17	M16	4				

Customize available.

Insert Order Code

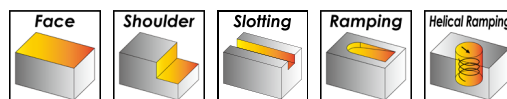
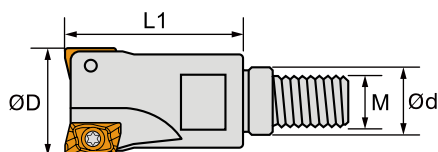
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IXNMX040304SG22HS	XNMX040304-SG-CX22HS	●	○	●		○	●
	IXNMX040304SG32HS	XNMX040304-SG-CX32HS	●	●	●		○	○
	IXNMX040304MG22HS	XNMX040304-MG-CX22HS	●	○	●		○	●
	IXNMX040304MG32HS	XNMX040304-MG-CX32HS	●	●	●		○	○
	IXNMX040308MG22HS	XNMX040308-MG-CX22HS	●	○	●		○	●
	IXNMX040308MG32HS	XNMX040308-MG-CX32HS	●	●	●		○	○
	IXNMX040308MG43TS	XNMX040308-MG-CX43TS	●	●	●		●	
	IXNMX040308RG22HS	XNMX040308-RG-CX22HS	●	○	●		○	●
	IXNMX040308RG32HS	XNMX040308-RG-CX32HS	●	●	●		○	○

Please check catalog Vol 20I, page IA021 for cutting data reference.



Shoulder Milling - CAXOM

CAXOM is offered excellent tool life and precision on small to medium size work pieces.



Order No.	D	L1	d	M	T	Inserts	Screw	Wrench
ICAXOM602010050	10	16	5.5	M5	2	XOMT0602	ITS1801	ITK06
ICAXOM602010060	10	16	6.5	M6	2			
ICAXOM603012060	12	18	6.5	M6	3			
ICAXOM604016080	16	20	8.5	M8	4			
ICAXOM605020100	20	30	10.5	M10	5			

Customize available.

Insert Order Code

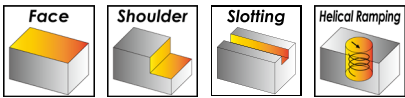
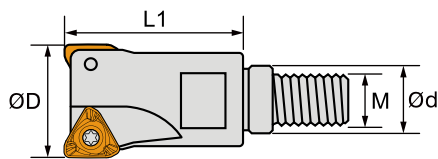
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IXOMT060204MG22HS	XOMT060204-MG-CX22HS	●	○	●		○	●
	IXOMT060204MG32HS	XOMT060204-MG-CX32HS	●	●	●		○	○
	IXOMT060208MG22HS	XOMT060208-MG-CX22HS	●	○	●		○	●
	IXOMT060208MG32HS	XOMT060208-MG-CX32HS	●	●	●		○	○

Please check catalog Vol 20I. page IA025 for cutting data reference.



Shoulder Milling - CATPM

CATPM use 3 cutting edges insert to save the cost. It's more economical compared with AP series inserts, and also use for various milling applications.



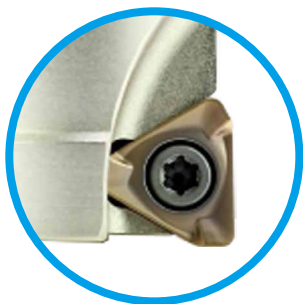
Order No.	D	L1	d	M	T	Inserts	Screw	Wrench
ICATPM102021100	21	35	18	M10	2	TPMX1004	ITS2517	ITK08
ICATPM103026120	26	35	21	M12	3			
ICATPM105033160	33	43	29	M16	5			

Customize available.

Insert Order Code

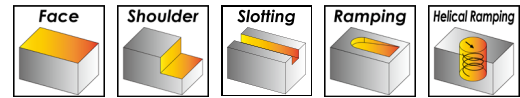
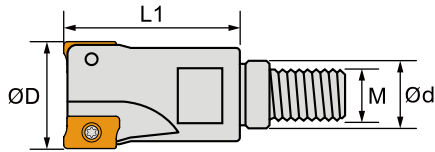
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	ITPMX100408MG22HS	TPMX100408-MG-CX22HS	●	○	●		○	●
	ITPMX100408MG32HS	TPMX100408-MG-CX32HS	●	●	●		○	○
	ITPMX100408MG43TS	TPMX100408-MG-CX43TS	●	●	●		●	

Please check catalog Vol 20I. page IA029 for cutting data reference.



Shoulder Milling - CR39M

CR39M is special on the unique designed for high productivity and high efficiency.



Order No.	D	L1	d	M	T	Inserts	Screw	Wrench
ICR39M302016080	16	26	8.5	M8	2	W39011T3	ITS2515	ITK08
ICR39M303020100	20	32	10.5	M10	3			
ICR39M303025120	25	38	12.5	M12	3			
ICR39M303032160	32	41	17	M16	3			

Customize available.

Insert Order Code

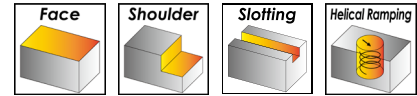
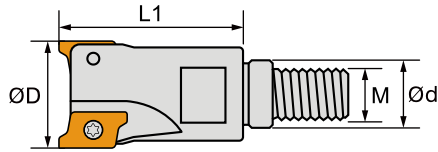
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IW39011T308MG22HS	W39011T308-MG-CX22HS	●	○	●		○	●
	IW39011T308MG32HS	W39011T308-MG-CX32HS	●	●	●		○	○
	IW39011T308MG43TS	W39011T308-MG-CX43TS	●	●	●		●	
	IW39011T320MG22HS	W39011T320-MG-CX22HS	●	○	●		○	●
	IW39011T320MG32HS	W39011T320-MG-CX32HS	●	●	●		○	○

Please check catalog Vol 20I, page IA033 for cutting data reference.



Shoulder Milling - CARTM

CARTM used for small sized milling machine, the insert design with excellent chip evacuation.



Order No.	D	L1	M	d	T	Inserts	Screw	Wrench
ICARTM702010050	10	18	M5	5.5	2	WRT0702	ITS2003	ITK06
ICARTM702010060	10	18	M6	6.5	2			
ICARTM702011050	11	18	M5	5.5	2			
ICARTM702012060	12	20	M6	6.5	2			
ICARTM702013060	13	20	M6	6.5	2			
ICARTM103017080	17	30	M8	8.5	3	WRT1003	ITS2515	ITK08
ICARTM103021100	21	32	M10	10.5	3			

Customize available.

Insert Order Code

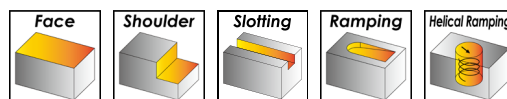
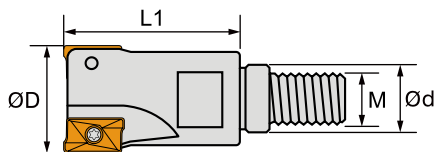
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IWRT070204RG22HS	WRT070204-RG-CX22HS	●	○	●		○	●
	IWRT070204RG32HS	WRT070204-RG-CX32HS	●	●	●		○	○
	IWRT070204RG43TS	WRT070204-RG-CX43TS	●	●	●		●	
	IWRT100308RG22HS	WRT100308-RG-CX22HS	●	○	●		○	●
	IWRT100308RG32HS	WRT100308-RG-CX32HS	●	●	●		○	○
	IWRT100308RG43TS	WRT100308-RG-CX43TS	●	●	●		●	

Please check catalog Vol 20I. page IA037 for cutting data reference.



Shoulder Milling - CAPKM

CAPKM is emphasized a new designed of the chip breaker for longer tool life.



Order No.	D	L1	d	M	T	Inserts	Screw	Wrench
ICAPKM302016080	16	26	8.5	M8	2	APKT1003	ITS2504	ITK08
ICAPKM303020100	20	32	10.5	M10	3			
ICAPKM304025120	25	38	12.5	M12	4			
ICAPKM305032160	32	41	17	M16	5			
ICAPKM402025120	25	38	12.5	M12	2	APKT1604 or APET1604	ITS4004	ITK15
ICAPKM403032160	32	41	17	M16	3			

Customize available.

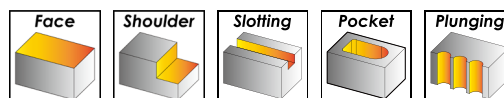
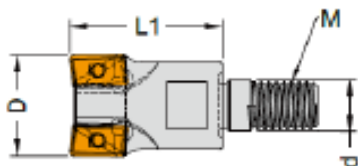
Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IAPKT100304EMG22HS	APKT100304PDER-MG-CX22HS	●	○	●		○	●
	IAPKT100304EMG32HS	APKT100304PDER-MG-CX32HS	●	●	●		○	○
	IAPKT100304EMG43TS	APKT100304PDER-MG-CX43TS	●	●	●		●	
	IAPMT100308EMG22HS	APMT100308PDER-MG-CX22HS	●	○	●		○	●
	IAPMT100308EMG32HS	APMT100308PDER-MG-CX32HS	●	●	●		○	○
	IAPKT100304ERG32HS	APKT100304PDER-RG-CX32HS	●	●	●		○	○
	IAPKT160408EMG22HS	APKT160408PDER-MG-CX22HS	●	○	●		○	●
	IAPKT160408EMG32HS	APKT160408PDER-MG-CX32HS	●	●	●		○	○
	IAPKT160408EMG43TS	APKT160408PDER-MG-CX43TS	●	●	●		●	
	IAPKT160408ERG22HS	APKT160408PDER-RG-CX22HS	●	○	●		○	●
	IAPKT160408ERG32HS	APKT160408PDER-RG-CX32HS	●	●	●		○	○
	IAPKT160408ERG43TS	APKT160408PDER-RG-CX43TS	●	●	●		●	
	IAPET160402FAL03	APET160402PDRF-AL-CX03				●		

Please check catalog Vol 20I, page IA041 for cutting data reference.



CBAPM is the most economical choose for your machining.



Order No.	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	APMT1604 or APGT1604	ITS4023	ITK15
ICBAPM402025120	25	35	12.5	M12	2			
ICBAPM402032160	32	40	17	M16	3			

Customize available.

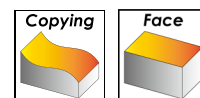
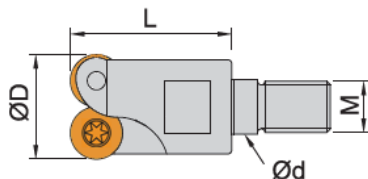
Insert Order Code

Insert	Order No.	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	●	●	●		●	
	IAPMT160408EAL03	APGT160408PDER-AL-CX03				●		

Please check catalog Vol 201. page IA050 for cutting data reference.



CARDM suit for mould & die machining and steel profiling.



Order No.	D	L1	d	M	T	Inserts	 Screw	 Wrench
ICARDM503012060	12	21	6.5	M06	3	RDKW0501	ITS2003	ITK06
ICARDM504016080	16	26	8.5	M08	4			
ICARDM703016080	16	26	8.5	M08	3	RDKW0702	ITS2515	ITK08
ICARDM704020100	20	32	10.5	M10	4			
ICARDM705025120	25	38	12.5	M12	5			
ICARDM103025120	25	38	12.5	M12	3	RDMT10T3 or RDMW10T3	ITS3504	ITK10
ICARDM104030120	30	38	12.5	M12	4			
ICARDM105032120	35	38	12.5	M12	5			
ICARDM106042160	42	43	17	M16	6			
ICARDM302020100	20	30	10.5	M10	2	RDMT1003 or RDMX1003	IMS3507A	ITK15
ICARDM302021100	21	30	10.5	M10	2			
ICARDM303025120	25	35	12.5	M12	3			
ICARDM303026120	26	35	12.5	M12	3			
ICARDM303030120	30	35	12.5	M12	3			
							IMS3509A	

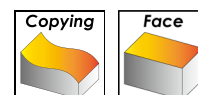
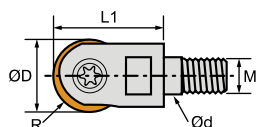


Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IRDKW0501MOE22HS	RDKW0501MOE-CX22HS	●	○	●		○	●
	IRDKW0501MOE32HS	RDKW0501MOE-CX32HS	●	●	●		○	○
	IRDKW0501MOE43TS	RDKW0501MOE-CX43TS	●	●	●		●	
	IRDKW0702MO22HS	RDKW0702MO-CX22HS	●	○	●		○	●
	IRDKW0702MO32HS	RDKW0702MO-CX32HS	●	●	●		○	○
	IRDKW0702MOE22HS	RDKW0702MOE-CX22HS	●	○	●		○	●
	IRDKW0702MOE32HS	RDKW0702MOE-CX32HS	●	●	●		○	○
	IRDKW0702MOE43TS	RDKW0702MOE-CX43TS	●	●	●		●	
	IRDKW0702MOT22HS	RDKW0702MOT-CX22HS	●	○	●		○	●
	IRDKW0702MOT32HS	RDKW0702MOT-CX32HS	●	●	●		○	○
	IRDMT1003MOE22HS	RDMT1003MOE-CX22HS	●	○	●		○	●
	IRDMT1003MOE32HS	RDMT1003MOE-CX32HS	●	●	●		○	○
	IRDMT1003MOT22HS	RDMT1003MOT-CX22HS	●	○	●		○	●
	IRDMT1003MOT32HS	RDMT1003MOT-CX32HS	●	●	●		○	○
	IRDMX1003MOE22HS	RDMX1003MOE-CX22HS	●	○	●		○	●
	IRDMX1003MOE32HS	RDMX1003MOE-CX32HS	●	●	●		○	○
	IRDMX1003MOE43TS	RDMX1003MOE-CX43TS	●	●	●		●	
	IRDMX1003MOT22HS	RDMX1003MOT-CX22HS	●	○	●		○	●
	IRDMX1003MOT32HS	RDMX1003MOT-CX32HS	●	●	●		○	○
	IRDMX1003MOT43TS	RDMX1003MOT-CX43TS	●	●	●		●	
	IRDMT10T3MOE22HS	RDMT10T3MOE-CX22HS	●	○	●		○	●
	IRDMT10T3MOE32HS	RDMT10T3MOE-CX32HS	●	●	●		○	○
	IRDMT10T3MOE43TS	RDMT10T3MOE-CX43TS	●	●	●		●	
	IRDMT10T3MOT22HS	RDMT10T3MOT-CX32HS	●	●	●		○	○
	IRDMT10T3MOT43TS	RDMT10T3MOT-CX43TS	●	●	●		●	
	IRDMW10T3MOE32HS	RDMW10T3MOE-CX32HS	●	●	●		○	○

Please check catalog Vol 20I, page IA070 for cutting data reference.

CF21M suit for mould & die medium & finishing.



Order No. 訂購編碼	R	D	L1	d	M	T	Inserts	Screw	Wrench
ICF21M302012060	6R	12	22	6.5	M6	2	WP3212 ..	IMGR5012	ITK20
ICF21M302012080	6R	12	30	8.5	M8	2			
ICF21M302016080	8R	16	28	8.5	M8	2	WP3216 ..	IMGR5016	ITK20
ICF21M302020100	10R	20	30	10.5	M10	2	WP3220 ..	IMGR5020	ITK20
ICF21M302025120	12.5R	25	40	12.5	M12	2	WP3225 ..	IMGR6025	ITK30
ICF21M302032160	16R	32	43	17	M16	2	WP3232 ..	IMGR8030	ITK30

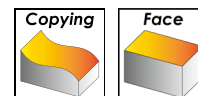
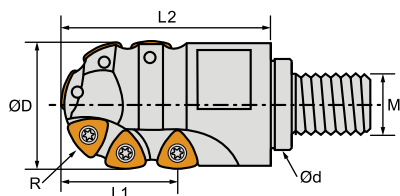
Insert Order Code

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IWP3212SM12HS	WP3212-SM-CX12HS	○	○	○		○	●
	IWP3212SM22HS	WP3212-SM-CX22HS	●	○	●		○	●
	IWP3216SM12HS	WP3216-SM-CX12HS	○	○	○		○	●
	IWP3216SM22HS	WP3216-SM-CX22HS	●	○	●		○	●
	IWP3220SM12HS	WP3220-SM-CX12HS	○	○	○		○	●
	IWP3220SM22HS	WP3220-SM-CX22HS	●	○	●		○	●
	IWP3225SM12HS	WP3225-SM-CX12HS	○	○	○		○	●
	IWP3225SM22HS	WP3225-SM-CX22HS	●	○	●		○	●
	IWP3232SM22HS	WP3232-SM-CX22HS	●	○	●		○	●
	IWP3212SG22HS	WP3212-SG-CX22HS	●	○	●		○	●
	IWP3216SG22HS	WP3216-SG-CX22HS	●	○	●		○	●
	IWP3220SG22HS	WP3220-SG-CX22HS	●	○	●		○	●
	IWP3225SG22HS	WP3225-SG-CX22HS	●	○	●		○	●
	IWP3212MM22HS	WP3212-MM-CX22HS	●	○	●		○	●
	IWP3216MM22HS	WP3216-MM-CX22HS	●	○	●		○	●
	IWP3220MM22HS	WP3220-MM-CX22HS	●	○	●		○	●
	IWP3225MM22HS	WP3225-MM-CX22HS	●	○	●		○	●
	IWP3232MM22HS	WP3232-MM-CX22HS	●	○	●		○	●
	IWP3212MG22HS	WP3212-MG-CX22HS	●	○	●		○	●
	IWP3216MG22HS	WP3216-MG-CX22HS	●	○	●		○	●
	IWP3220MG22HS	WP3220-MG-CX22HS	●	○	●		○	●
	IWP3225MG22HS	WP3225-MG-CX22HS	●	○	●		○	●

Please check catalog Vol 20I. page IA079 for cutting data reference.



CF22M suit for mould & die roughing.



Order No.	R	D	L1	L2	d	M	T	Inserts	Screw	Wrench
ICF22M202025120	12.5R	25	21	42	12.5	M12	2	WP26339R14	ITS4023	ITK15
ICF22M202030120	15R	30	23	50	12.5	M12	2			
ICF22M202032160	16R	32	23	50	17.0	M16	2			
ICF22M202040180	20R	40	38	65	28.0	M18	2	WP26379R25	ITS5007	ITK20
ICF22M202050250	25R	50	45	80	36.0	M25	2			

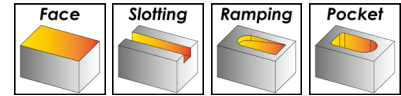
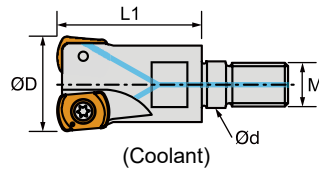
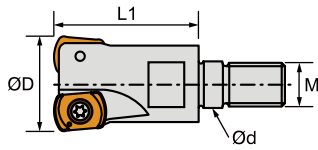
Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IWP26314RG22HS	WP26339R14-RG-CX22HS	●	○	●		○	●
	IWP26314RG32HS	WP26339R14-RG-CX32HS	●	●	●		○	○
	IWP26725RG22HS	WP26379R25-RG-CX22HS	●	○	●		○	●
	IWP26725RG32HS	WP26379R25-RG-CX32HS	●	●	●		○	○
	IWP26725RG53TS	WP26379R25-RG-CX53TS	●	●			●	

Please check catalog Vol 20I. page IA080 for cutting data reference.



CXBNM use double sided insert with 4 cutting edges for high feed face milling to increased productivity.



Order No.	D	L1	d	M	T	Coolant	Inserts	Screw	Wrench
ICXBNM602016080	16	26	8.5	M8	2		BNMX0603	ITS3004	ITK08
ICXBNM602016081	16	26	8.5	M8	2	●			
ICXBNM603020100	20	30	10.5	M10	3				
ICXBNM603020101	20	30	10.5	M10	3	●			
ICXBNM603021100	21	30	10.5	M10	3				
ICXBNM603025120	25	35	12.5	M12	3				
ICXBNM604025120	25	35	12.5	M12	4				
ICXBNM604025121	25	35	12.5	M12	4	●			
ICXBNM603026120	26	35	12.5	M12	3				
ICXBNM604032161	32	40	17.0	M16	4	●			
ICXBNM605032160	32	40	17.0	M16	5				
ICXBNM606040161	40	43	17.0	M16	6	●			
ICXBNM903025121	25	35	12.5	M12	3	●	BNMX0904	ITS3504	ITK15
ICXBNM904032161	32	40	17.0	M16	4	●			
ICXBNM904035161	35	43	17.0	M16	4	●			
ICXBNM905042161	42	43	17.0	M16	5	●			

Customize available.

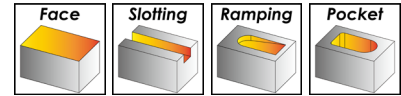
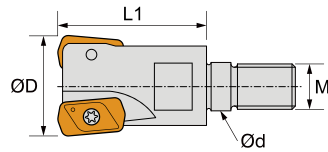
Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IBNMX0603SG22HS	BNMX0603-SG-CX22HS	●	○	●		○	●
	IBNMX0603SG32HS	BNMX0603-SG-CX32HS	●	●	●		○	○
	IBNMX0603SG43TS	BNMX0603-SG-CX43TS	●	●	●		●	
	IBNMX0603MG22HS	BNMX0603-MG-CX22HS	●	○	●		○	●
	IBNMX0603MG32HS	BNMX0603-MG-CX32HS	●	●	●		○	○
	IBNMX0603MG43TS	BNMX0603-MG-CX43TS	●	●	●		●	
	IBNMX0603RG22HS	BNMX0603-RG-CX22HS	●	○	●		○	●
	IBNMX0603RG32HS	BNMX0603-RG-CX32HS	●	●	●		○	○
	IBNMX0603RG43TS	BNMX0603-RG-CX43TS	●	●	●		●	
	IBNMX0904MG22HS	BNMX0904-MG-CX22HS	●	○	●		○	●
	IBNMX0904MG32HS	BNMX0904-MG-CX32HS	●	●	●		○	○
	IBNMX0904MG43TS	BNMX0904-MG-CX43TS	●	●	●		●	

Please check catalog Vol 20I, page IA085 for cutting data reference.



CXLNM use double sided insert with 4 cutting edges for high feed face milling on small machines.



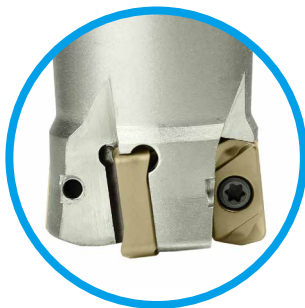
Order No.	D	L1	d	M	T	Inserts	Screw	Wrench
ICXLNM302017080	17	26	8.5	M8	2	LNMX0303	ITS2535	ITK07
ICXLNM303021100	21	32	10.5	M10	3			
ICXLNM304026120	26	38	12.5	M12	4			
ICXLNM304032160	32	41	17	M16	4			

Customize available.

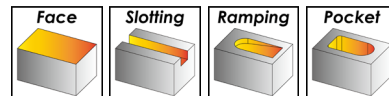
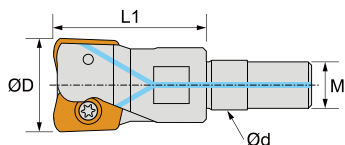
Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	ILNMX0303SG22HS	LNMX0303-SG-CX22HS	●	○	●		○	●
	ILNMX0303SG32HS	LNMX0303-SG-CX32HS	●	●	●		○	○
	ILNMX0303MG22HS	LNMX0303-MG-CX22HS	●	○	●		○	●
	ILNMX0303MG32HS	LNMX0303-MG-CX32HS	●	●	●		○	○
	ILNMX0303MG43TS	LNMX0303-MG-CX43TS	●	●	●		●	

Please check catalog Vol 20I. page IA089 for cutting data reference.



CISRM suit for high feed face milling and high efficiency machining to save time and cost.



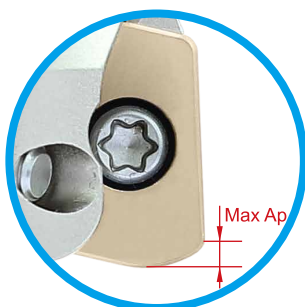
Order No.	D	L1	d	M	T	Coolant	Inserts	Screw	Wrench
ICISRM102016081	16	26	8.5	M8	2	•	ISR145	IMS3006B	ITK09
ICISRM103020101	20	30	10.5	M10	3	•			

Customize available.

Order Code

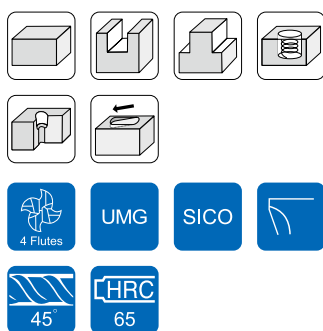
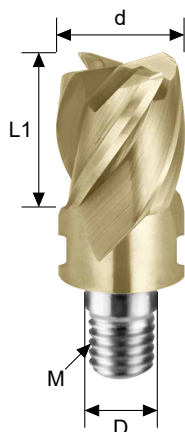
Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IISR14522HS	ISR145-CX22HS	●	○	●		○	●
	IISR14532HS	ISR145-CX32HS	●	●	●		○	○
	IISR14543TS	ISR145-CX43TS	●	●	●		●	

Please check Brochure no.W200303 for cutting data reference.



- Solid carbide heads with ISO M threads.
- Exchangeable solid carbide square heads for shoulder milling and finishing.

P M K N S H



Ød	Tolerance
All	0 ~ -0.04

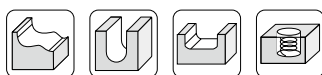
Order No.	Dia. (d)	CL (L1)	ND (D)	M (M)	Flutes (F)
EHSWH410000S	10	10	6.5	M6	4
EHSWH412000S	12	12	6.5	M6	4
EHSWH416000S	16	16	8.5	M8	4
EHSWH420000S	20	20	10.5	M10	4

Suitable Head Endmill Diameter	Recommended Clamping Torque (N · m)
10mm	10
12mm	10
16mm	10
20mm	10

16

- Solid carbide heads with ISO M threads.
- Exchangeable solid carbide ball nose heads for copy milling and finishing.

P M K N S H



Ød	R Tolerance
All	± 0.02

Order No.	Radius (R)	Dia. (d)	CL (L1)	ND (D)	M (M)	Flutes (F)
EHBWH210000S	5R	10	10	6.5	M6	2
EHBWH212000S	6R	12	12	6.5	M6	2
EHBWH216000S	8R	16	16	8.5	M8	2
EHBWH220000S	10R	20	20	10.5	M10	2

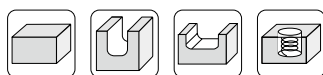
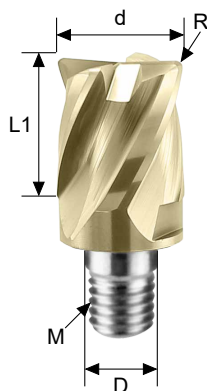
Suitable Head Endmill Diameter	Recommended Clamping Torque (N · m)
10mm	10
12mm	10
16mm	10
20mm	10

17

Corner Radius Head - 4F

- Solid carbide heads with ISO M threads.
- Exchangeable solid carbide ball nose heads for copy milling and finishing.

EHCWH



Ød	Tolerance
All	0 ~ -0.04
R	± 0.02

Order No.	Dia. (d)	Radius (R)	CL (L1)	ND (D)	M (M)	Flutes (F)
EHCWH410005S	10	0.5R	10	6.5	M6	4
EHCWH410010S	10	1.0R	10	6.5	M6	4
EHCWH412005S	12	0.5R	12	6.5	M6	4
EHCWH412010S	12	1.0R	12	6.5	M6	4
EHCWH412020S	12	2.0R	12	6.5	M6	4
EHCWH412030S	12	3.0R	12	6.5	M6	4
EHCWH416010S	16	1.0R	16	8.5	M8	4
EHCWH416020S	16	2.0R	16	8.5	M8	4
EHCWH416030S	16	3.0R	16	8.5	M8	4
EHCWH420010S	20	1.0R	20	10.5	M10	4
EHCWH420020S	20	2.0R	20	10.5	M10	4
EHCWH420030S	20	3.0R	20	10.5	M10	4

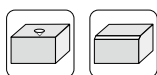
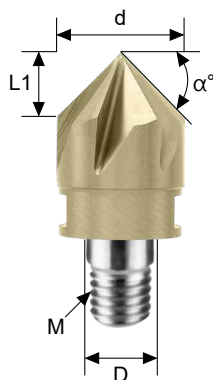
Recommended Torque

Suitable Head Endmill Diameter	Recommended Clamping Torque (N · m)
10mm	10
12mm	10
16mm	10
20mm	10

Please check catalog Vol 20I, page IA108 for cutting data reference.

- Solid carbide heads with ISO M threads.
- Exchangeable solid carbide ball nose chamfer heads for chamfer milling and finishing.

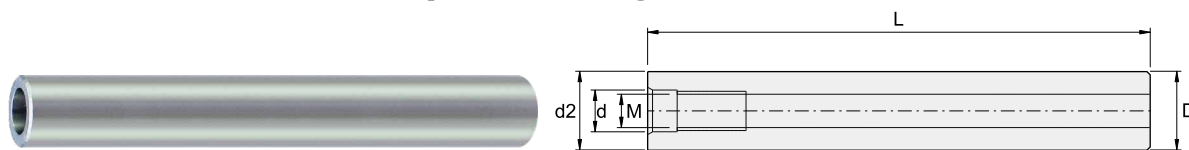
P M K N S H



Order No.	Dia. (d)	CL (L1)	α°	ND (D)	M (M)	Flutes (F)
EPFWA410090S	10	5	45°	6.5	M6	4
EPFWA412090S	12	6	45°	6.5	M6	4
EPFWA610090S	10	5	45°	6.5	M6	6
EPFWA612090S	12	6	45°	6.5	M6	6
EPFWA616090S	16	8	45°	8.5	M8	6

Suitable Head Endmill Diameter	Recommended Clamping Torque (N · m)
10mm	10
12mm	10
16mm	10
20mm	10

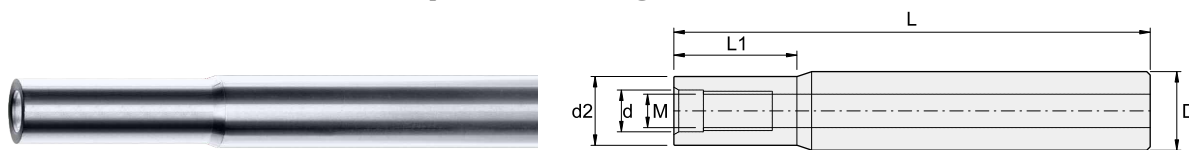
SWMEA - Carbide Adapter (Straight)



Order No.	Dimensions (mm)				
	d2	d	L	D	M
ISWMEA10075050	10	5.5	75	10	M5
ISWMEA10100050	10	5.5	100	10	M5
ISWMEA10150050	10	5.5	150	10	M5
ISWMEA10100060	10	5.5	100	10	M6
ISWMEA10150060	10	5.5	150	10	M6
ISWMEA11100060	11	6.5	100	11	M6
ISWMEA11150060	11	6.5	150	11	M6
ISWMEA12075060	12	6.5	75	12	M6
ISWMEA12100060	12	6.5	100	12	M6
ISWMEA12150060	12	6.5	150	12	M6
ISWMEA12200060	12	6.5	200	12	M6
ISWMEA15100080	15	8.5	100	15	M8
ISWMEA15150080	15	8.5	150	15	M8
ISWMEA15200080	15	8.5	200	15	M8
ISWMEA16100080	16	8.5	100	16	M8
ISWMEA16150080	16	8.5	150	16	M8
ISWMEA16200080	16	8.5	200	16	M8
ISWMEA16250080	16	8.5	250	16	M8
ISWMEA20100100	20	10.5	100	20	M10
ISWMEA20150100	20	10.5	150	20	M10
ISWMEA20200100	20	10.5	200	20	M10
ISWMEA20250100	20	10.5	250	20	M10
ISWMEA20300100	20	10.5	300	20	M10
ISWMEA25100120	25	12.5	100	25	M12
ISWMEA25150120	25	12.5	150	25	M12
ISWMEA25200120	25	12.5	200	25	M12
ISWMEA25250120	25	12.5	250	25	M12
ISWMEA25300120	25	12.5	300	25	M12
ISWMEA32200160	32	17.0	200	32	M16
ISWMEA32300160	32	17.0	300	32	M16

Customize available.

SWMEB - Carbide Adapter (Straight Neck)

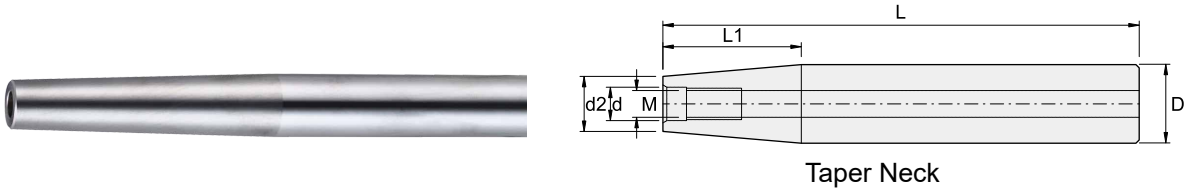


Straight Neck

Order No.	Dimensions (mm)					
	d2	d	L1	L	D	M
ISWMEB12100060	11.5	6.5	24	100	12	M6
ISWMEB12100061	11.5	6.5	40	100	12	M6
ISWMEB12100062	11.5	6.5	60	100	12	M6
ISWMEB12150060	11.5	6.5	24	150	12	M6
ISWMEB12150061	11.5	6.5	100	150	12	M6
ISWMEB16150082	13.0	8.5	32	150	16	M8
ISWMEB16150080	15.0	8.5	30	150	16	M8
ISWMEB16150081	15.0	8.5	100	150	16	M8
ISWMEB16200080	15.0	8.5	40	200	16	M8
ISWMEB16200081	15.0	8.5	120	200	16	M8
ISWMEB20150102	17.0	10.5	40	150	20	M10
ISWMEB20150100	19.0	10.5	40	150	20	M10
ISWMEB20150101	19.0	10.5	100	150	20	M10
ISWMEB20200100	19.0	10.5	40	200	20	M10
ISWMEB20200101	19.0	10.5	120	200	20	M10
ISWMEB25150120	24.0	12.5	48	150	25	M12
ISWMEB25150121	24.0	12.5	100	150	25	M12
ISWMEB25200120	24.0	12.5	48	200	25	M12
ISWMEB25200121	24.0	12.5	100	200	25	M12

Customize available.

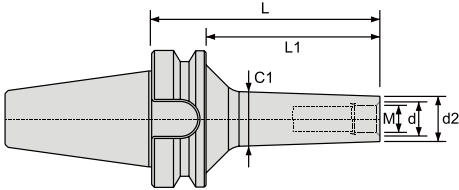
SWMET - Carbide Adapter (Taper Neck)



Order No.	Dimensions (mm)					
	d2	d	L1	L	D	M
ISWMET12150050	9.8	5.5	60	150	12	M5
ISWMET12150060	9.8	5.5	60	150	12	M6
ISWMET16150060	11.8	6.5	70	150	16	M6
ISWMET20200080	15.5	8.5	90	200	20	M8
ISWMET25200100	19.8	10.5	90	200	25	M10
ISWMET32200120	24.5	12.5	90	200	32	M12

Customize available.

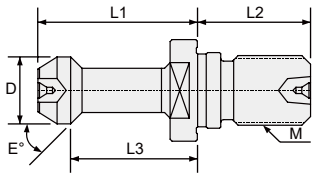
BT40/50 - Replaceable Integrated Shank



Order No.	d2	d	C1	L1	L	M	Arbor Type
IBT40DM08050	13	8.5	15	23	50	M8	BT40
IBT40DM10057	18	10.5	21	30	57	M10	
IBT40DM12080	21	12.5	25	53	80	M12	
IBT40DM16087	28	17.0	31	60	87	M16	
IBT40FMC403060	36	28.0	40	30	60	M18	
IBT40FMC406090	36	28.0	40	60	90	M18	
IBT50FMC5003065	48	36.0	50	30	65	M25	BT50
IBT50FMC50080115	48	36.0	50	80	115	M25	
IBT50FMC50130165	48	36.0	50	130	165	M25	

Customize available.

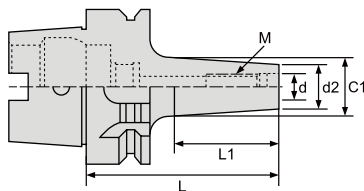
P40T - Pull Studs



Order No.	Dimensions (mm)						For Shank
	L1	L2	L3	D	E°	M	
IP40T01	35	25	28	15	45	M16	BT40
IP40T02	35	25	28	15	60	M16	BT40



HSK63 - Replaceable Integrated Shank



Order No.	d2	d	C1	L1	L	M
IHSK63AM08050	17	8.5	18	16	50	M8×P1.25
IHSK63AM10060	18	10.5	23	26	60	M10×P1.5
IHSK63AM10080	20	10.5	24	44	80	M10×P1.5
IHSK63AM12060	23	12.5	24	26	60	M12×P1.75
IHSK63AM12080	21	12.5	24	44	80	M12×P1.75
IHSK63AM16080	29	17	34	46	80	M16×P2.0
IHSK63AM16100	34	17	34	66	100	M16×P2.0

