



ZELX Carbide Hand Taps

For Metric Threads

YMW solid ultra fine grain carbide taps are manufactured from the finest micro grain carbide for exceptional wear life and reduced chipping.

For the longest tool life available from any tap, YMW offers two carbide tap designs --- one for tapping cast irons and another for aluminums.

Ideal for long production runs where reduced tool changes mean improved production efficiency.

YMW carbide taps have also proven to be an excellent choice for threading very abrasive materials below 40HRC.



ZELX CARB CI CARBIDE HAND TAPS

For Cast Irons, Hard Plastics, Fiberglass, Cast Brass, Cobalt, Chrome Alloys Steels

ZELX CARB AL CARBIDE HAND TAPS

For Aluminum Alloys, Zinc Die Castings, Copper Alloys and Soft Plastics

Straight Flute

Plug (3 to 5 threads chamfered) for through hole tapping
 Bottoming (1 to 2 threads chamfered) for blind hole tapping

List 3977 Cast Iron Metric sizes

List 3970 Aluminum Metric sizes

Nominal Size	Ground Thread Limits	EDP Numbers				Dimensions	
		FOR CAST IRONS 4 Flutes		FOR ALUM. ALLOYS 3 Flutes		Length of Thread	Length Overall
		Plug	Bottoming	Plug	Bottoming		
		LIST 3977		LIST 3970			
M3 X 0.5	D3	370000	370001	371000	371001	5/8	1- 5/16
M4 X 0.7	D4	370002	370003	371002	371003	3/4	2- 1/8
M5 X 0.8	D4	370004	370005	371004	371005	7/8	2- 3/8
M6 X 1	D5	370006	370007	371006	371007	1	2- 1/2
M8 X 1	D5	370008	370009	371008	371009	1- 1/8	2- 23/32
M8 X 1.25	D5	370010	370011	371010	371011	1- 1/8	2- 23/32
M10 X 1.25	D5	370012	370013	371012	371013	1- 1-4	2- 15/16
M10 X 1.5	D6	370014	370015	371014	371015	1- 1/4	2- 15/16
M12 X 1.25	D5	370016	370017	371016	371017	1- 21/32	3- 3/8
M12 X 1.5	D6	370018	370019	371018	371019	1- 21/32	3- 3/8
M12 X 1.75	D6	370020	370021	371020	371021	1- 21/32	3- 3/8
M14 X 1.5	D6	370022	370023	---	---	1- 21/32	3- 19/32
M14 X 2	D7	370024	370025	---	---	1- 21/32	3- 19/32
M16 X 1.5	D6	370026	370027	---	---	1- 13/16	3- 13/16
M16 X 2	D7	370028	370029	---	---	1- 13/16	3- 13/16