

# "MARS" HSS TAPS & DIES - China

## NO. S 90-78 "MARS" HSS SPIRAL FLUTE METRIC THREAD MACHINE TAP

**METRIC  
HSS**



Item No.	Size x Pitch (mm)	Price (pc)
090-78-020040	2.0 x 0.40	
090-78-025045	2.5 x 0.45	
090-78-030050	3.0 x 0.50	
090-78-035060	3.5 x 0.60	
090-78-040070	4.0 x 0.70	
090-78-050080	5.0 x 0.80	
090-78-060100	6.0 x 1.00	
090-78-080125	8.0 x 1.25	
090-78-100150	10.0 x 1.50	
090-78-120150	12.0 x 1.50	
090-78-120175	12.0 x 1.75	
090-78-140200	14.0 x 2.00	
090-78-160200	16.0 x 2.00	
090-78-180250	18.0 x 2.50	
090-78-200250	20.0 x 2.50	
090-78-220250	22.0 x 2.50	
090-78-240300	24.0 x 3.00	

## NO. S 90-81 "MARS" METRIC THREAD HSS ADJUSTABLE ROUND DIE

**METRIC  
HSS**



Item No.	Size x Pitch (mm)	Die Dia. (mm)	Price (pc)
090-81-030050	3.0 x 0.50 *	38	
090-81-040070	4.0 x 0.70 *	38	
090-81-050080	5.0 x 0.80 *	38	
090-81-060100	6.0 x 1.00 *	38	
090-81-080125	8.0 x 1.25 *	38	
090-81-100150	10.0 x 1.50 *	38	
090-81-120150	12.0 x 1.50	38	
090-81-120175	12.0 x 1.75 *	38	
090-81-140150	14.0 x 1.50	38	
090-81-140200	14.0 x 2.00 *	38	
090-81-160200	16.0 x 2.00 *	38	

\* common sizes

## NO. S 90-78X ~ Z "MARS" HSS SPIRAL FLUTE MACHINE TAP

**BSW  
UNC  
UNF  
HSS**



Item No.	Size x BSW Thread per Inch	Price (pc)
090-78X-010	5/32" x 32	
090-78X-012	3/16" x 24	
090-78X-016	1/4" x 20	
090-78X-024	3/8" x 16	
090-78X-032	1/2" x 12	
090-78X-040	5/8" x 11	
090-78X-048	3/4" x 10	
Item No.	Size x UNC Thread Per Inch	Price (pc)
090-78Y-016	1/4" x 20	
090-78Y-020	5/16" x 18	
090-78Y-024	3/8" x 16	
090-78Y-028	7/16" x 14	
090-78Y-032	1/2" x 13	
Item No.	Size x UNF Thread Per Inch	Price (pc)
090-78Z-016	1/4" x 28	
090-78Z-020	5/16" x 24	
090-78Z-024	3/8" x 24	
090-78Z-028	7/16" x 20	
090-78Z-032	1/2" x 20	

## NO. S 90-82 "MARS" BSW THREAD HSS ADJUSTABLE ROUND DIE

**BSW  
HSS**



Item No.	Size x BSW	Die Dia (mm)	Price (pc)
090-82-008	1/8" x W40	38	
090-82-010	5/32" x W32	38	
090-82-016	1/4" x W20	38	
090-82-024	3/8" x W16	38	
090-82-032	1/2" x W12	38	
090-82-040	5/8" x W11	38	