

"H.T.D" HSS TAPS AND DIES - Japan

NO. S 90-11 "HTD" METRIC THREAD HSS (SKH) 3-PC HAND TAP SETS JIS GRADE II



TAPER

**METRIC
HSS**



PLUG



BOTTOMING

HSS Straight flute hand taps with strong cutting edges. For tapping both through and blind holes in low alloy steel, malleable cast iron and non-ferrous metals.

Item No.	Size x Pitch (mm)	Price (set of 3 pcs)
090-11-030050	3.0 x 0.50	
090-11-040070	4.0 x 0.70	
090-11-050080	5.0 x 0.80	
090-11-060100	6.0 x 1.00	
090-11-070100	7.0 x 1.00	
090-11-080125	8.0 x 1.25	
090-11-090125	9.0 x 1.25	
090-11-100100	10.0 x 1.00	
090-11-100150	10.0 x 1.50	
090-11-120150	12.0 x 1.50	
090-11-120175	12.0 x 1.75	
090-11-140150	14.0 x 1.50	
090-11-140200	14.0 x 2.00	
090-11-160150	16.0 x 1.50	
090-11-160200	16.0 x 2.00	
090-11-180200	18.0 x 2.00	
090-11-180250	18.0 x 2.50	
090-11-200250	20.0 x 2.50	
090-11-220250	22.0 x 2.50	
090-11-240300	24.0 x 3.00	
090-11-270300	27.0 x 3.00	
090-11-300350	30.0 x 3.50	
090-11-330350	33.0 x 3.50	

Packing : 3.0 - 14.0mm -- 10 sets/box
16.0 - 33.0mm -- 1 set/box

NO. S 90-12 "HTD" BSW THREAD HSS (SKH) 3PC HAND TAP SETS

**BSW
UNC
UNF
HSS**



TAPER



PLUG



BOTTOMING

HSS Straight flute hand taps with strong cutting edges. For tapping both through and blind holes in low alloy steel, malleable cast iron and non-ferrous metals.

Item No.	Size x BSW Thread per inch	Price (set of 3 pcs)
090-12-008	1/8" x 40	
090-12-010	5/32" x 32	
090-12-012	3/16" x 24	
090-12-016	1/4" x 20	
090-12-020	5/16" x 18	
090-12-024	3/8" x 16	
090-12-028	7/16" x 14	
090-12-032	1/2" x 12	
090-12-040	5/8" x 11	

S 90-12 (Continued)

Item No.	Size x BSW Thread per inch	Price (set of 3 pcs)
090-12-048	3/4" x 10	
090-12-056	7/8" x 9	
090-12-100	1" x 8	
090-12-108	1-1/8" x 7	
090-12-116	1-1/4" x 7	
090-12-124	1-3/8" x 6	
090-12-132	1-1/2" x 6	

Item No.	Size x UNC Thread per inch	Price (set of 3 pcs)
090-12X-016	1/4" x 20	
090-12X-020	5/16" x 18	
090-12X-024	3/8" x 16	
090-12X-028	7/16" x 14	
090-12X-032	1/2" x 13	
090-12X-040	5/8" x 11	
090-12X-048	3/4" x 10	

Item No.	Size x UNF Thread per inch	Price (set of 3 pcs)
090-12Y-016	1/4" x 28	
090-12Y-024	3/8" x 24	
090-12Y-032	1/2" x 20	
090-12Y-040	5/8" x 18	
090-12Y-048	3/4" x 16	

Packing : 1/8" - 1/2" -- 10 sets/box
5/8" - 1-1/2" -- 1 set/box

NO. S 90-13 "HTD" BRITISH STANDARD PIPE TAPS BSP HSS (SKH) 2-PC SET

**BSPS
HSS**



PLUG



BOTTOMING

Item No.	Size x BSP Thread per Inch	Price (set of 2 pcs)
090-13-008	1/8" x 28	
090-13-016	1/4" x 19	
090-13-024	3/8" x 19	
090-13-032	1/2" x 14	
090-13-040	5/8" x 14	
090-13-048	3/4" x 14	
090-13-056	7/8" x 14	
090-13-100	1" x 11	
090-13-108	1-1/8" x 11	
090-13-116	1-1/4" x 11	
090-13-124	1-3/8" x 11	
090-13-132	1-1/2" x 11	
090-13-140	1-5/8" x 11	
090-13-148	1-3/4" x 11	
090-13-200	2" x 11	

Packing : 1/8" - 5/8" -- 10 sets/box
3/4" - 2" -- 1 set/box

continue ...