

"H.T.D" / "MARS" CONICAL DRILL & COUNTERSINK

NO. S 90-51 "HTD" HSS CONICAL DRILL WITH HOLE MODEL CDI 90° (JAPAN)

HSS straight shank conical drill, countersink angle 90°. Comes with chip release hole.



Item No.	Countersink Range (mm)	Total Length (mm)	Price (pc)
090-51-04ST4	2 - 4	50	
090-51-06ST6	3 - 6	50	
090-51-08ST8	4 - 8	50	
090-51-09ST6	4 - 9	55	
090-51-14ST8	6 - 14	70	
090-51-18ST10	8 - 18	100	
090-51-23ST12	10 - 23	110	
090-51-28ST12	12 - 28	120	

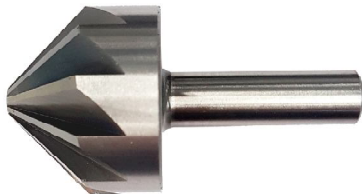
NO. S 90-52 "HTD" HSS CONICAL DRILL SINGLE FLUTE MODEL CDII 90° (JAPAN)

HSS straight shank conical drill, countersink angle 90°, single flutes



Item No.	Countersink Range (mm)	Total Length (mm)	Price (pc)
090-52-07ST8	1.5 - 7	55	
090-52-15ST8	3 - 15	65	
090-52-25ST10	6 - 25	80	
090-52-35ST12	11 - 35	90	
090-52-45ST12	16 - 45	95	

NO. S 90-53 "HTD" HSS COUNTER SINK 90° (JAPAN)



Item No.	Countersink Size	Shank Dia. (mm)	Total Lgth (mm)	No. of Flutes	Price (pc)
090-53-06	6	6	44	7	
090-53-08	8	6	47	7	
090-53-10	10	6	48	7	
090-53-12	12	8	50	7	
090-53-16	16	10	52	7	
090-53-20	20	10	56	7	
090-53-25	25	12	62	9	
090-53-30	30	12	62	9	
090-53-35	35	12	70	9	
090-53-40	40	12	73	11	
090-53-45	45	12	80	11	
090-53-50	50	12	84	13	
090-53-60	60	12.7	95	15	

NO. S 90-61 "MARS" HSS COUNTER SINK 90° (CHINA)

Made of M2 HSS material to DIN335C standard.



Item No.	Countersink Size	Shank Dia.(mm)	Total Lgth(mm)	No. of Flutes	Price (pc)
090-61-060	6.0 mm (1/4")	5	45	3	
090-61-080	8.0 mm (5/16")	6	50	3	
090-61-100	10.0 mm (3/8")	6	50	3	
090-61-124	12.4 mm (1/2")	8	56	3	
090-61-165	16.5 mm (5/8")	10	60	3	
090-61-190	19.0 mm (3/4")	10	63	3	
090-61-250	25.0 mm (1")	10	67	3	
090-61-310	31.0 mm (1-1/4")	12	71	3	