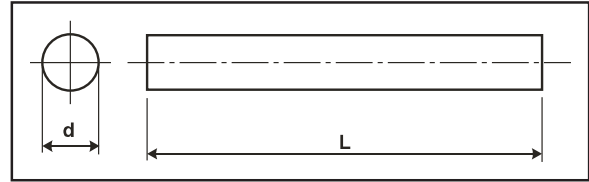
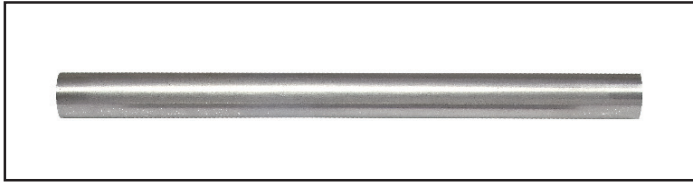


HSS ROUND TOOL BITS



Metric Sizes							
Diameter D		Length (Tolerance +/-1.5mm)					
mm	Inches	Lmm					
-	3/32	65	75	100			
3	1/8		75	100			
4	5/32		75	100			
5	3/16		75	100	150		
6	1/4		75	100	150	200	
8	5/16		75	100	150	200	
10	-		75	100	150	200	250
12	1/2		75	100	150	200	250
14	9/16			100	150	200	250
16	5/8			100	150	200	250
-	3/4			100	150	200	250
20	-			100	150	200	250
25	1				150	200	250

Manufacturing Standards		
I. S.	:	11143-1991
DIN	:	4964
ISO	:	5421

Description	Standard
End Bevel	Standard 0° and as per customer requirement
Tolerance (Diameter)	h9 / h8
Applications	1) HSS Tool bits are used for general Lathe work, Die Punching, Rolling, Milling, and Boring Work. 2) HSS Cobalt Tool bits are used for general Lathe work, Die Punching, Rolling, Milling and Boring Work with increased wear resistance.

Intermediate sizes are available on request

Miranda Round Toolbits are made from M35, M42 & T42 Grades of HSS.

Special sizes and tolerances can be supplied.

- S100 = M35 (HSS WITH 5% COBALT) (63-66 HRc)
- S200 = M42 (HSS WITH 8% COBALT) (65-68 HRc)
- S400 = T42 (HSS WITH 10% COBALT) (64-67 HRc)
- S400E = M35 WITH CRYOGENIC (ULTRA LOW) HEAT TREATMENT (64-67 HRc)
- S500 = T42 WITH CRYOGENIC (ULTRA LOW) HEAT TREATMENT (65-69 HRc)