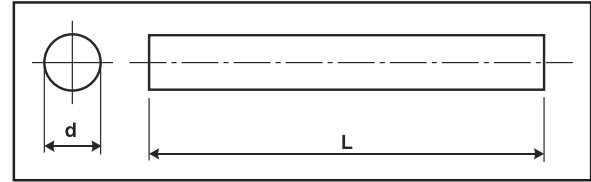
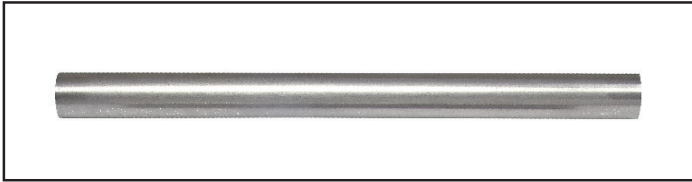


HSS ROUND TOOL BITS



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	<p>1) HSS Tool bits are used for general Lathe work, Die Punching, Rolling, Milling, and Boring Work.</p> <p>2) HSS Cobalt Tool bits are used for general Lathe work, Die Punching, Rolling, Milling and Boring Work with increased wear resistance.</p>

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)