

## HIGH PERFORMANCE PLATINUM CUT TAPS

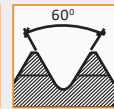
ISO Metric HSS Ground Threads  
Coarse and fine Pitch

**MIRANDA**  
EDGE

**HSS**  
M-2/  
M-35

Tolerance  
4H/  
6H

IS-6175  
ISO-529  
1993



### Feature

- General purpose high performance
- High performance new innovative design for excellent chip evacuation
- Increased static and dynamic strength of thread
- Excellent thread surface quality
- Premium grade steel - HSS-E for longer life
- Newly developed Surface treatment to withstand the high stress and high heat associated

Thread Designation	Pitch	Shank Diameter (d <sub>1</sub> )	Thread Length (l <sub>1</sub> )	Recess Length (l <sub>2</sub> )	Overall Length (L)	Square		Tapping Drill dia
						Size (a)	Length (l <sub>3</sub> )	
M3	0.50	3.15	11.00	7.00	48.00	2.50	5.00	2.50
(M3.5)	0.60	3.55	13.00	7.00	50.00	2.80	5.00	2.90
M4	0.70	4.00	13.00	8.00	53.00	3.15	6.00	3.30
M5	0.80	5.00	16.00	9.00	58.00	4.00	7.00	4.20
M6	1.00	6.30	19.00	11.00	66.00	5.00	8.00	5.00
(M8)	1.00	8.00	22.00	13.00	72.00	6.30	9.00	7.00
M8	1.25	8.00	22.00	13.00	72.00	6.30	9.00	6.80
(M10)	1.25	10.00	24.00	15.00	80.00	8.00	11.00	8.80
M10	1.50	10.00	24.00	15.00	80.00	8.00	11.00	8.50
M12	1.75	9.00	29.00	N.A.	89.00	7.10	10.00	10.30
M12	1.50	9.00	29.00	N.A.	89.00	7.10	10.00	10.50
M12	1.25	9.00	29.00	N.A.	89.00	7.10	10.00	10.80



Type	picture	Range	Series	Thread form	Blank Standard	Treatment	Material	Tapping type	Application
Straight Flute		M3-M12	MC 1	M	IS -6175 ISO 529	Bright	HSS-E	Blind/ Through	Medium to high tensile steel, Alloy steel, MS, general application
			MC2	M		TiN			
			MC3	M		TiAlN			
Straight Flute for cast Iron		M3-M12	CI MC 1	M	IS -6175 ISO 529	Bright	HSS-E	Blind/ Through	Cast iron, SG iron, abrasive type steel
			CI MC 2	M		TiN			
			CI MC 3	M		TiAlN			
Spiral Point		M3-M12	MA 1	M	IS -6175 ISO 529	Bright	HSS-E	Through holes	Medium to high tensile steel, Alloy steel, MS, general application
			MA 2	M		TiN			
			MA 3	M		TiAlN			
Spiral Flute		M3-M12	MB 1	M	IS -6175 ISO 529	Bright	HSS-E	Blind Holes	Medium to high tensile steel, Alloy steel, MS, general application
			MB 2	M		TiN			
			MB 3	M		TiAlN			