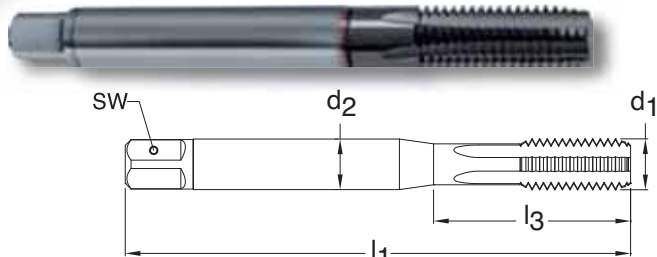


# METRIC



**Series** 2944  
**Standard** Guhring Standard  
**Tool Material** Carbide  
**Flute** Straight Flute  
**Chamfer Form D • 3.5 - 5**  
**Class of Fit** ISO 2(6H)

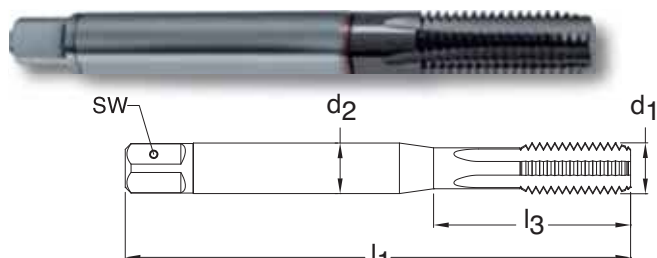


**Through holes**    **Blind holes**    **TiCN coated**    **External cooling**

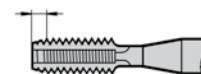
d1 - P	D Limits	Number of Flutes	d2 inch	SW inch	Tap Drill Range mm	l1 mm	l3 mm	Order Code	EDP Number	Stock
M3 X 0.50	D2/D3	3	3.50	2.70	2.459 - 2.599	56.00	14.00	3.000	9029440030000	○
M4 X 0.70	D3/D4	4	4.50	3.40	3.242 - 3.422	63.00	17.00	4.000	9029440040000	○
M5 X 0.80	D3/D4	4	6.00	4.90	4.134 - 4.334	70.00	21.00	5.000	9029440050000	●
M6 X 1.00	D4/D5	4	6.00	4.90	4.917 - 5.153	80.00	26.00	6.000	9029440060000	●
M8 X 1.25	D4/D5	5	8.00	6.20	6.647 - 6.912	90.00	31.00	8.000	9029440080000	●
M10 X 1.50	D4/D5	5	10.00	8.00	8.376 - 8.676	100.00	N/A	10.000	9029440100000	●
M12 X 1.75	D5/D6	5	12.00	9.00	10.106 - 10.441	110.00	N/A	12.000	9029440120000	●
M16 X 2.00	D6/D7	5	16.00	12.00	13.835 - 14.210	110.00	N/A	16.000	9029440160000	○

# METRIC FINE

**NEW**



**Series** 1161  
**Standard** Guhring Standard  
**Tool Material** Carbide  
**Flute** Straight Flute  
**Chamfer Form D • 3.5 - 5**  
**Class of Fit** ISO 2(6H)



**Through holes**    **Blind holes**    **TiCN coated**    **External cooling**

d1 - P	D Limits	Tap Drill Range mm	Number of Flutes	d2 inch	SW inch	l1 mm	l3 mm	Order Code	EDP Number	Stock
M6 X 0.50	D4/D5	5.460 - 5.600	4	6.00	4.90	80.00	16.00	6.003	9011610060030	○
M8 X 1.00	D4/D5	6.917 - 7.153	5	8.00	6.20	90.00	20.00	8.005	9011610080050	○
M10 X 1.00	D4/D5	8.917 - 9.153	5	10.00	8.00	90.00	24.00	10.005	9011610100050	●
M12 X 1.00	D4/D5	10.917 - 11.153	5	12.00	9.00	100.00	26.00	12.005	9011610120050	○
M12 X 1.50	D4/D5	10.376 - 10.676	5	12.00	9.00	100.00	30.00	12.007	9011610120070	●

**TECH TIP: Type D Form**

A type D chamfer form has a 3.5 - 5 thread chamfer lead. This chamfer can be used in both through holes and in blind holes when the tap drill depth permits this chamfer length. This is especially useful when tapping harder materials due to the EXTENDED chamfer length which distributes the thread cutting process over more cutting edges. The D chamfer form is usually found on rigid, straight fluted tap designs.