

## Product Brochure For T8316

### M12 x 1.5mm HSS Gun Tap

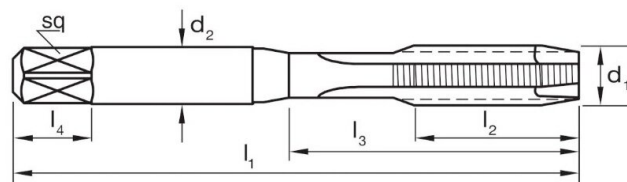
Metric Fine Pitch



**Ex GST**  
**\$44.00**

**Inc GST**  
**\$48.40**

|                                         |         |
|-----------------------------------------|---------|
| ORDER CODE:                             | T8316   |
| Flute Type:                             | Gun Tap |
| d1 - Tap Size (Diameter) (Ø / mm):      | M12     |
| d2 - Shank Diameter (Ø / mm):           | 9.0     |
| Pitch (TPI):                            | 1.5mm   |
| Pitch Type (TPI):                       | Fine    |
| Thread Form (Type):                     | Metric  |
| Standard (DIN):                         | DIN 374 |
| l1 - Length (mm):                       | 110     |
| l2 - Flute Length (mm):                 | ~       |
| l4 - Square Length (mm):                | 10.0    |
| Square Across Flats (mm):               | 7.0     |
| Drill Tapping Size (Diameter) (Ø / mm): | 10.5    |



#### Description

Gun Nose / Spiral Point Taps

Engineered for fast, efficient production tapping of through holes, Gun Nose Taps —also known as Spiral Point Taps—combine excellent cutting performance, strength and long tool life.

Unlike standard straight flute taps, the spiral point design features an angled cutting face at the lead threads that drives chips forward and away from the cutting action. This reduces chip congestion and allows the tap to cut cleanly and continuously through the workpiece.

Manufactured from M35 High Speed Steel with 5% cobalt and finished with a TiCN wear-resistant coating, these taps are built to withstand demanding machining applications while maintaining excellent cutting performance. Precision-ground threads provide consistent, accurate thread forms, making them an excellent choice for repetitive and production tapping.

#### Features

- M35 High Speed Steel with 5% cobalt provides excellent hardness, heat resistance and durability for demanding tapping applications
- TiCN coating increases wear resistance and helps extend cutting-edge and overall tool life
- Spiral point / gun nose design drives chips forward and away from the cutting edge for fast, efficient through-hole tapping
- Precision-ground threads deliver accurate, clean and consistent thread forms
- Excellent shearing action reduces cutting resistance for smoother tapping and reduced driving power
- Strong flute design allows higher tapping speeds and provides excellent rigidity under production conditions
- Ideal for repetitive and production tapping where speed, accuracy and tool life are important
- Manufactured to DIN 371 Standard for consistent dimensions and performance



# Gun Tap

FAST • EFFICIENT • RELIABLE



**GUN TAP DESIGN**  
Pushes swarf straight through the workpiece for uninterrupted cutting.



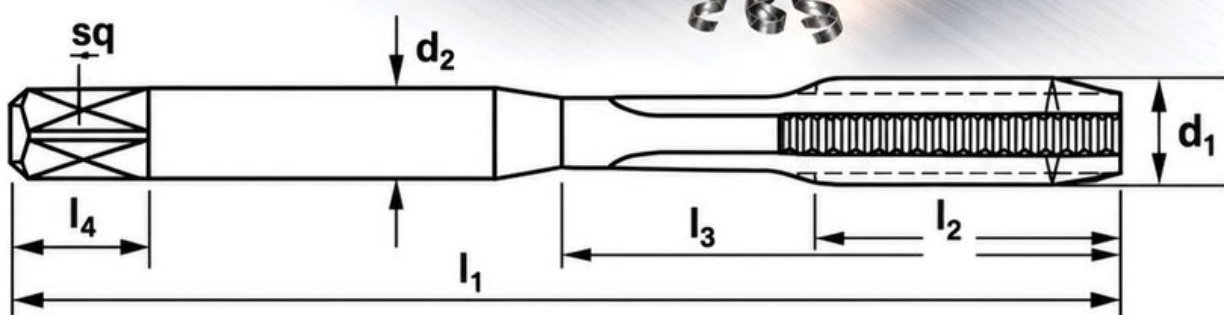
**IDEAL FOR THROUGH HOLES**  
Continuous chip evacuation for faster, cleaner threads.



**PREMIUM MATERIALS**  
HSS with 5% cobalt and TiCN coating for increased wear resistance and longer tool life.



**USED IN THROUGH HOLES**



| $d_1$           | $l_1$          | $l_2$         | $l_3$        | $l_4$         | $d_2$          | $sq$        |
|-----------------|----------------|---------------|--------------|---------------|----------------|-------------|
| Thread Diameter | Overall Length | Thread Length | Flute Length | Square Length | Shank Diameter | Square Size |

## Product Brochure For T8316

### Recommended Accessories

#### D1272

Metric 135° Precision HSS M35  
COBALT Drill Set - 25 Piece



#### D1282

Imperial 135° Precision HSS  
M35 COBALT Drill Set - 29  
Piece



#### D1271

Metric 135° Precision - HSS M2  
Jobber Drill Set - 25 Piece



#### D126

Metric 135° Precision HSS M35  
COBALT Drill Set - 170 Pieces



#### T012

Metric Alloy Steel Tap & Die Set  
- 32 Piece



#### T013

Metric HSS Tap & Die Set - 32  
Piece



#### T014

Metric Alloy Steel Tap & Die Set  
- 45 Piece



#### T015

Imperial Alloy Steel Tap & Die  
Set - 45 Piece



## Product Brochure For T8316

### D508

HSS Industrial Centre Drill Set – 5Pcs



### D1051

HSS Countersink Set (90° Cross Hole Type) - 4 Piece



### D1061

HSS Countersink Set (90° 3 Flute Type) - 6 Piece



### T004B

Tapping Chuck - Fixed



### T005B

Tapping Chuck - Fixed



### T004

Reversible Tapping Chuck - Adjustable Clutch



### T005

Reversible Tapping Chuck - Adjustable Clutch

