



# Carbide End Mill

Product Catalog



# Carbide End Mill



## Description

Scarb® Carbide End Mill – a reliable tool designed for precision in machining. Crafted under the Scarb brand, this end mill comes in three types: Square/Flat End Mill with 4 flutes, Square/Flat End Mill with 2 flutes, and Ball Nose End Mill with 2 flutes. Made from high-quality carbide, it promises durability and wear resistance, ensuring a longer tool life. The various coating options, including TiAlN, TiSiN, and TiAlSiN, contribute to its performance across different machining applications. Trust Scarb® for a straightforward, dependable solution to your machining needs.

## Features

- High-quality carbide construction for exceptional hardness and wear resistance.
- Versatile flute options, including 4-flute and 2-flute square/flat end mills, and 2-flute ball nose end mills for diverse machining needs.
- Different shank sizes ensure compatibility with a variety of milling machines, providing a secure fit.
- Various coating options (TiAlN, TiSiN, TiAlSiN) enhance wear resistance, ensuring prolonged tool life.



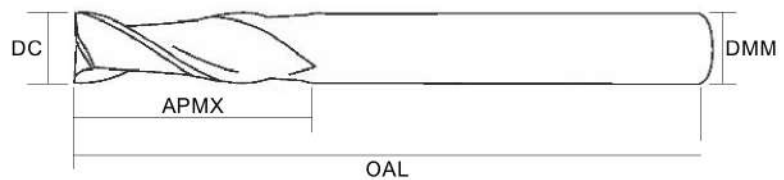
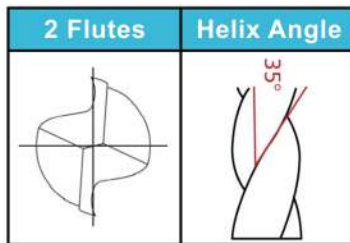
## Applications

- Ideal for precision metalworking, including milling and contouring of aluminum, steel, and stainless steel components.
- Versatile applications in woodworking for profiling and shaping wood surfaces.
- Suitable for plastic machining in electronics and consumer goods industries.
- General-purpose use for everyday milling tasks in workshops and manufacturing settings.
- Specifically designed for intricate 3D machining applications, making it a valuable tool in die and mold manufacturing.



# Carbide End Mill

## Flat / Square Slot End Mill



## Technical Data

(All units in mm)

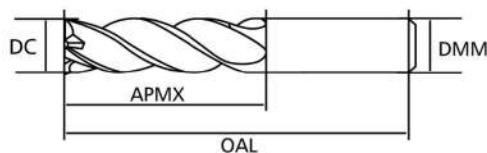
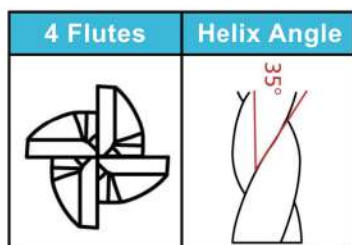
| Art No.        | Cutting Diameter (DC) | Cutting Length (APMX) | Shank Diameter (DMM) | Overall Length (OAL) | Flutes (NOF) |
|----------------|-----------------------|-----------------------|----------------------|----------------------|--------------|
| SCR-2F-0103-50 | 1                     | 3                     | 4                    | 50                   | 2            |
| SCR-2F-1504-50 | 1.5                   | 4                     | 4                    | 50                   | 2            |
| SCR-2F-0206-50 | 2                     | 6                     | 4                    | 50                   | 2            |
| SCR-2F-2504-50 | 2.5                   | 8                     | 4                    | 50                   | 2            |
| SCR-2F-0306-50 | 3                     | 8                     | 4                    | 50                   | 2            |
| SCR-2F-0308-57 | 3                     | 8                     | 6                    | 57                   | 2            |
| SCR-2F-0411-50 | 4                     | 11                    | 4                    | 50                   | 2            |
| SCR-2F-0411-57 | 4                     | 11                    | 6                    | 57                   | 2            |
| SCR-2F-0513-57 | 5                     | 13                    | 6                    | 57                   | 2            |
| SCR-2F-0616-57 | 6                     | 16                    | 6                    | 57                   | 2            |
| SCR-2F-0820-63 | 8                     | 20                    | 8                    | 63                   | 2            |
| SCR-2F-1025-72 | 10                    | 25                    | 10                   | 72                   | 2            |
| SCR-2F-1230-83 | 12                    | 30                    | 12                   | 83                   | 2            |





# Carbide End Mill

## Flat / Square End Mill



## Technical Data

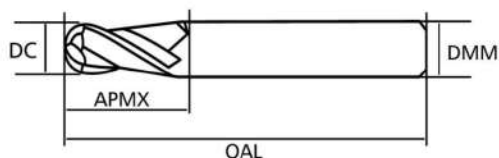
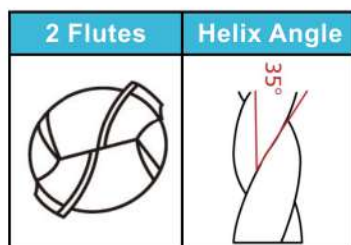
(All units in mm)

| Art No.         | Cutting Diameter (DC) | Cutting Length (APMX) | Shank Diameter (DMM) | Overall Length (OAL) | Flutes (NOF) |
|-----------------|-----------------------|-----------------------|----------------------|----------------------|--------------|
| SCR-4F-0308-50  | 3                     | 8                     | 4                    | 50                   | 4            |
| SCR-4F-0410-50  | 4                     | 10                    | 4                    | 50                   | 4            |
| SCR-4F-0416-75  | 4                     | 16                    | 4                    | 75                   | 4            |
| SCR-4F-0420-100 | 4                     | 20                    | 4                    | 100                  | 4            |
| SCR-4F-0513-50  | 5                     | 13                    | 5                    | 50                   | 4            |
| SCR-4F-0615-50  | 6                     | 15                    | 6                    | 50                   | 4            |
| SCR-4F-0620-75  | 6                     | 20                    | 6                    | 75                   | 4            |
| SCR-4F-0630-100 | 6                     | 30                    | 6                    | 100                  | 4            |
| SCR-4F-0630-150 | 6                     | 30                    | 6                    | 150                  | 4            |
| SCR-4F-0820-60  | 8                     | 20                    | 8                    | 60                   | 4            |
| SCR-4F-0825-75  | 8                     | 25                    | 8                    | 75                   | 4            |
| SCR-4F-0835-100 | 8                     | 35                    | 8                    | 100                  | 4            |
| SCR-4F-0840-150 | 8                     | 40                    | 8                    | 150                  | 4            |
| SCR-4F-1025-75  | 10                    | 25                    | 10                   | 75                   | 4            |
| SCR-4F-1040-100 | 10                    | 40                    | 10                   | 100                  | 4            |
| SCR-4F-1050-150 | 10                    | 50                    | 10                   | 150                  | 4            |
| SCR-4F-1230-75  | 12                    | 30                    | 12                   | 75                   | 4            |
| SCR-4F-1245-100 | 12                    | 45                    | 12                   | 100                  | 4            |
| SCR-4F-1255-150 | 12                    | 55                    | 12                   | 150                  | 4            |
| SCR-4F-1445-100 | 14                    | 45                    | 14                   | 100                  | 4            |
| SCR-4F-1465-150 | 14                    | 65                    | 14                   | 150                  | 4            |
| SCR-4F-1645-100 | 16                    | 45                    | 16                   | 100                  | 4            |
| SCR-4F-1670-150 | 16                    | 70                    | 16                   | 150                  | 4            |



# Carbide End Mill

## Ball Nose End Mill



## Technical Data

(All units in mm)

| Art No.        | Cutting Diameter (DC) | Cutting Length (APMX) | Shank Diameter (DMM) | Overall Length (OAL) | Flutes (NOF) |
|----------------|-----------------------|-----------------------|----------------------|----------------------|--------------|
| SCR-B-0306-50  | 3                     | 6                     | 4                    | 50                   | 2            |
| SCR-B-0408-50  | 4                     | 8                     | 4                    | 50                   | 2            |
| SCR-B-0408-75  | 4                     | 8                     | 4                    | 75                   | 2            |
| SCR-B-0408-100 | 4                     | 8                     | 4                    | 100                  | 2            |
| SCR-B-0510-50  | 5                     | 10                    | 5                    | 50                   | 2            |
| SCR-B-0510-50  | 5                     | 10                    | 6                    | 50                   | 2            |
| SCR-B-0612-50  | 6                     | 12                    | 6                    | 50                   | 2            |
| SCR-B-0612-75  | 6                     | 12                    | 6                    | 75                   | 2            |
| SCR-B-0612-100 | 6                     | 12                    | 6                    | 100                  | 2            |
| SCR-B-0612-150 | 6                     | 12                    | 6                    | 150                  | 2            |
| SCR-B-0816-60  | 8                     | 16                    | 8                    | 60                   | 2            |
| SCR-B-0816-75  | 8                     | 16                    | 8                    | 75                   | 2            |
| SCR-B-0816-100 | 8                     | 16                    | 8                    | 100                  | 2            |
| SCR-B-0816-150 | 8                     | 16                    | 8                    | 150                  | 2            |
| SCR-B-1020-75  | 10                    | 20                    | 10                   | 75                   | 2            |
| SCR-B-1020-100 | 10                    | 20                    | 10                   | 100                  | 2            |
| SCR-B-1020-150 | 10                    | 20                    | 10                   | 150                  | 2            |
| SCR-B-1224-75  | 12                    | 24                    | 12                   | 75                   | 2            |
| SCR-B-1224-100 | 12                    | 24                    | 12                   | 100                  | 2            |
| SCR-B-1224-150 | 12                    | 24                    | 12                   | 150                  | 2            |
| SCR-B-1428-100 | 14                    | 28                    | 14                   | 100                  | 2            |
| SCR-B-1428-150 | 14                    | 28                    | 14                   | 150                  | 2            |
| SCR-B-1632-100 | 16                    | 32                    | 16                   | 100                  | 2            |
| SCR-B-1632-150 | 16                    | 32                    | 16                   | 150                  | 2            |