

**SCE45 INA 6.35×11.112×7.938mm**  
**Harmonized Tariff Code**  
**8482.40.00.00 Needle roller**  
**bearings**

|                     |   |
|---------------------|---|
| Bearing number      | SCE45                                     |
| Size (mm)           | 6.35×11.112×7.938                         |
| Brand               | INA                                       |
| Bore Diameter (mm)  | 6.35                                      |
| Outer Diameter (mm) | 11.112                                    |
| Width (mm)          | 7.938                                     |
| $F_w$               | 1/4 inch                                  |
| $F_w$               | 6.35 mm                                   |
| D                   | 0.437 inch                                |
| D                   | 11.112 mm                                 |
| C                   | 0.313 inch                                |
| C                   | 7.938 mm                                  |
| m                   | 0.005 lbs / Weight                        |
| m                   | 2 g / Weight                              |
| $C_r$               | 560 lbf / Dynamic load rating<br>(radial) |
| $C_r$               | 2500 N / Dynamic load rating<br>(radial)  |
| $C_{0r}$            | 470 lbf / Static load rating<br>(radial)  |
| $C_{0r}$            | 2090 N / Static load rating (radial)      |
| $n_G$               | 35000 1/min / Limiting speed              |

|                           |   |
|---------------------------|---|
| $n_B$                     | 25000 1/min / Reference speed   |
| Category                  | Needle Non Thrust Roller Bearings   |
| BDI Inventory             | 0.0   |
| Manufacturer Name         | SCHAEFFLER GROUP  |
| Minimum Buy Quantity      | N/A   |
| Weight / Kilogram         | 0.011   |
| EAN                       | 4047643240628   |
| Product Group – BDI       | B04144  |
| Rolling Element           | Needle Roller Bearing   |
| Component                 | Roller Assembly with Outer Ring – No Inner Ring   |
| Enclosure                 | Open  |
| Self Aligning             | No  |
| Retainer                  | Yes   |
| Number of Rows of Rollers | Single Row  |
| Separable                 | No  |
| Closed End                | No  |
| Inch – Metric             | Inch  |
| Relubricatable            | No  |
| Thrust Bearing            | No  |
| Long Description          | 1/4" Bore; 7/16" Outside Diameter; 5/16" Width; Needle Roller Bearing; Roller Assembly with Outer Ring – No Inner Ring; Open Enclosure; No Self Aligning; Yes Retainer; Single Row of Rollers; No Separable; No Closed End<br>No Relubricatable |
| Other Features            | 2 Rib Outer Ring   Drawn Cup Bearing   Steel Cage   |
| Category – BDI            | Needle Non Thrust Roller Bearing  |

|                          |   |
|--------------------------|---|
| UNSPSC                   | 31171512  |
| Harmonized Tariff Code   | 8482.40.00.00                                       |
| Noun                     | Bearing   |
| Keyword String           | Needle  |
| Manufacturer URL         | <a href="http://www.ina.com">http://www.ina.com</a> |
| Manufacturer Item Number | SCE45   |
| Weight / LBS             | 0.006   |
| Bore                     | 0.25 Inch   6.35 Millimeter                         |
| Width                    | 0.312 Inch   7.925 Millimeter                       |
| Outside Diameter         | 0.438 Inch   11.125 Millimeter                      |