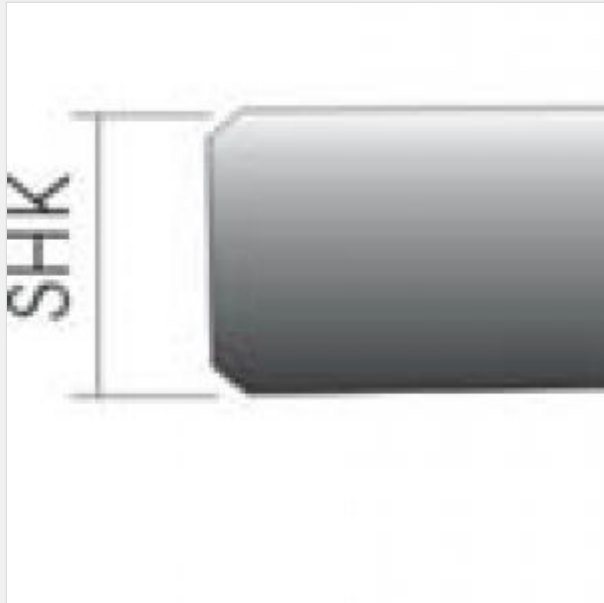




## Cleaning Bottom Bits

Item Code: EC-QDA Series



FOB Price: **\$7.53/pc**

Mini Order: 10 packs

Average Rating: 1b (kg)

[Inquire Now](#)

## Overview

**Applicable materials:** MDF, PVC, acrylic.

### Engraving Tool Series:

Depending on market demand, we will provide a variety of cutters with different prices and quality. Below are the five series of engraving tools: N, A, AA, AAA series are made from `solid` carbide (tungsten), and the diamond series cutters.

### 3A (AAA) Series

- The bits on this series are the most advanced tool at present, launched on May, 1st, 2009. They are made with superior materials compared with previous versions: the abrasion and break resistance are greatly improved.
- Processing techniques, AAA series are more professional, typically used for acrylic, plastic, MDF, hardwood, PC, ABS, PVC, aluminum, copper, stainless steel, etc.

### AA Series

- Made from ultra-micron tungsten steel.
- Precise engraving tools with high quality.
- Hardness of 94 HRC with stability and super resistance to bending and rubbing superior to other solid carbide materials.
- Because of the high cost of the materials, the longest SHK of this series is 6mm. The cutting tools are very sharp, after being submitted to a patent polishing process
- Excellent engraving tools are for aluminum, steel, and stainless steel..
- Mills are excellent in processing rate and quality among acrylic, MDF and aluminum.
- AA series is the top engraving tool following the A series.. Its quality is superior to European and American engraving tools, after a three year designing, developing, and improving process.

### A Series

- Uses K200 Micro grain solid carbide.
- A series is a cutting tool for low-cost and high-quality. Customers who have used these tools are amazed by its high efficiency and high

benefits.

### N Series

- N series is a popular engraving tool that uses K10 micro grain solid carbide.
- One of the earliest models produced by our factory. Fulfilling engraving standards and outstanding sales achievements, its excellent quality and low price meet the engraving need of most customers.

### Diamond Series

- Diamond engraving tools are designed and developed to cut aluminum, brass, steel, acrylic, and marble.
- They have great hardness, abrasive resistance, and processing quality, which cannot be substituted by solid carbide.
- The price is higher than other cutters, but the quality makes it worth it.

## Details

Applicational materials	MDF, PVC, acrylic
Material	solid carbide

## Specifications

Model	CED	CEL	SHK	OVL	Price		
					N series	A series	3A series
EC-QDA45610	0.4" (10mm)	1.8" (45mm)	0.2" (6mm)	1.8" (45mm)	\$6.76	\$12.35	\$27.79
EC-QDA45616	0.6" (16mm)	1.8" (45mm)	0.2" (6mm)	1.8" (45mm)	\$7.61	\$14.12	\$31.76
EC-QDA45622	0.9" (22mm)	1.8" (45mm)	0.2" (6mm)	1.8" (45mm)	\$8.46	\$15.88	\$35.74
EC-QDA30610	0.4" (10mm)	1.2" (30mm)	0.2" (6mm)	1.8" (45mm)	\$6.76	\$12.35	\$27.79
EC-QDA30616	0.6" (16mm)	1.2" (30mm)	0.2" (6mm)	1.8" (45mm)	\$7.61	\$14.12	\$31.76
EC-QDA30622	0.9" (22mm)	1.2" (30mm)	0.2" (6mm)	1.8" (45mm)	\$8.46	\$15.88	\$35.74
EC-QDA15610	0.4" (10mm)	0.6" (15mm)	0.2" (6mm)	1.8" (45mm)	\$6.76	\$12.35	\$27.79
EC-QDA15616	0.6" (16mm)	0.6" (15mm)	0.2" (6mm)	1.8" (45mm)	\$7.61	\$14.12	\$31.76
EC-QDA15622	0.9" (22mm)	0.6" (15mm)	0.2" (6mm)	1.8" (45mm)	\$8.46	\$15.88	\$35.74



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Email:info@sign-in-china.com Tel:+86 132 6410 3286 www.sign-in-china.com