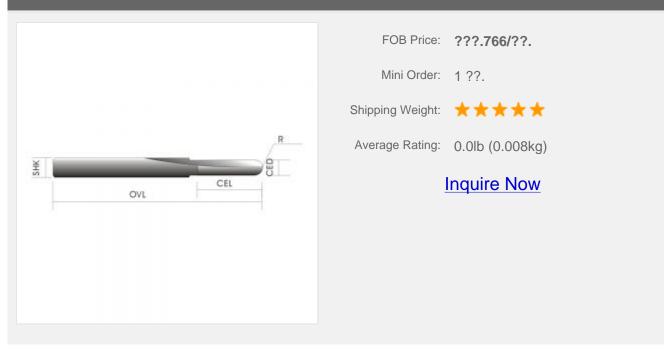


# **2 Straight Flutes Ball Bits**

# Item Code: EC-2ZQX



# **Overview**

#### About Materials: At present, we have N, A, AA, 3A, four kinds of materials.

• The N series material stands for tungsten steel material made in China and its rigidity is at 88-89HRA (Rockwell Hardness, A Scale).

• The A series cnc router bits are made of tungsten steel material from Taiwan and their rigidity at 90-91HRA., HRC of material to be processed is 45.

• The AA series cnc router bits stand for German ultrafine tungsten steel and rigidity is at 93-94HRA, HRC of material to be processed is 50.

• The 3A series cnc router bits stand for German best quality ultrafine tungsten steel and rigidity is at around 96HRA. HRC of material to be processed is 60.

The better quality of material is, the higher rigidity and durability as well as materially longer lifespan.

The stronger rigidity it is, the bits won't distort during process and give better processing effect.

And the more fine tungsten steel's particle is, the sharp bits of the blade polished as a result for better processing effect.

## Usage Tips:

It is important that you choose a tip size when ordering your engraving tools. The tip size will determine how wide your line is. For small character engraving choose a smaller tip size. For example when engraving 1/8" tall letters use a .010 or .015 tip, but for 1/4" tall letters use a .020 or .030 tip.

The taller the letters or characters is, the larger the tip size of the cutter should be. For example; for 1/4" tall letters you should use a .020 or .030 tip but for 1/8" tall letters a .010 or .015 tip would be better.

#### Remark: Please Choose the Model when ordering.

## Specification:

Model	CED(mm)	CEL(mm)	SHK(mm)	OVL(mm)
EC-2ZQX3.103	1	3	3.175	38
EC-2ZQX3.1.204	1.2	4	3.175	38

EC-2ZQX3.1.505	1.5	5	3.175	38
EC-2ZQX3.208	2	8	3.175	38
EC-2ZQX3.10	3.175	10	3.175	38
EC-2ZQX3.12	3.175	12	3.175	38
EC-2ZQX3.17	3.175	17	3.175	38
EC-2ZQX3.22	3.175	22	3.175	45
EC-2ZQX412	4	12	4	40
EC-2ZQX417	4	17	4	40
EC-2ZQX422	4	22	4	45
EC-2ZQX425	4	25	4	50
EC-2ZQX612	6	12	6	45
EC-2ZQX617	6	17	6	45
EC-2ZQX622	6	22	6	50
EC-2ZQX625	6	25	6	55
EC-2ZQX825	8	25	8	60
EC-2ZQX835	8	35	8	80
EC-2ZQX845	8	45	8	90
EC-2ZQX855	8	55	8	100
EC-2ZQX865	8	65	8	110
EC-2ZQX875	8	75	8	120
EC-2ZQX8100	8	100	8	150
EC-2ZQX1025	10	25	10	60
EC-2ZQX1035	10	35	10	80
EC-2ZQX1045	10	45	10	90
EC-2ZQX1055	10	55	10	100
EC-2ZQX1065	10	65	10	110
EC-2ZQX1075	10	75	10	120
EC-2ZQX10100	10	100	10	150
EC-2ZQX1235	12	35	12	80
EC-2ZQX1245	12	45	12	90
EC-2ZQX1255	12	55	12	100
EC-2ZQX1265	12	65	12	110
EC-2ZQX1275	12	75	12	120
EC-2ZQX12100	12	100	12	150



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