



# JETRUS

JET в России

**BD-1S**

**METAL LATHE**

**BD-1S.....JRM1001M.....1 ~230V,50HZ**

## PARTS LIST



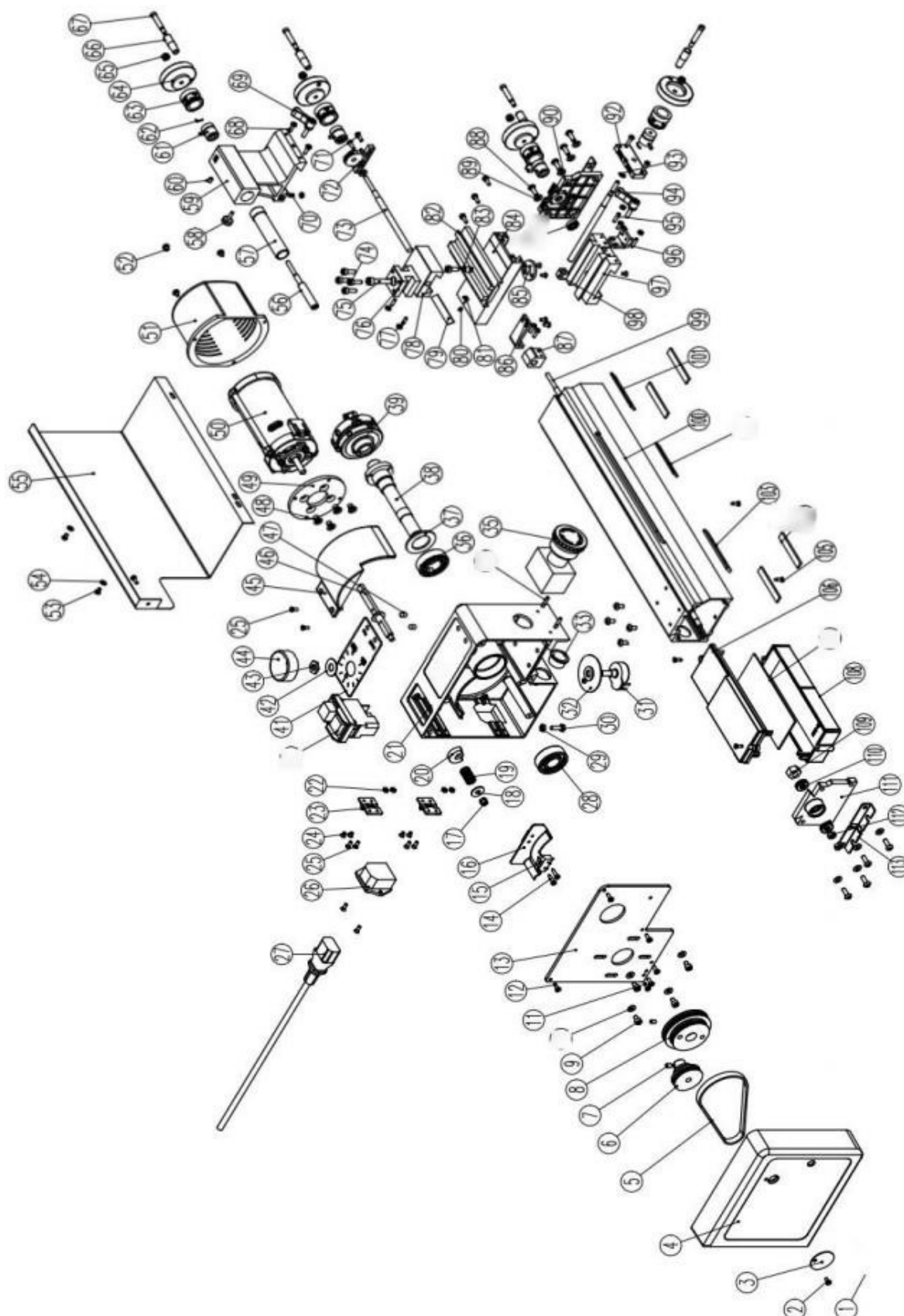
**Импортер в РФ: ООО «ИТА Технолоджи»**  
105082, Москва, Переведеновский пер., д. 17  
[www.jettools.ru](http://www.jettools.ru)

Made in PRC / Сделано в КНР

JRM1001M 

2026-05 

## Parts Breakdown for BD-1S Nano Lathe



### Part List for BD-1S Nano Lathe

| No. | Part No. | Description             | Size      | Qty. |
|-----|----------|-------------------------|-----------|------|
| 1   | BD1S-001 | Hex socket head screw   | M4x30     | 1    |
| 2   | BD1S-002 | Tapping screw ST2.9x6.5 | ST2.9x6.5 | 1    |
| 3   | BD1S-003 | Cover                   |           | 1    |
| 4   | BD1S-004 | Pully box cover         |           | 1    |
| 5   | BD1S-005 | Multi-V belt            |           | 1    |
| 6   | BD1S-006 | Motor wheel             |           | 1    |
| 7   | BD1S-007 | Hex socket screw        | M4x5      | 4    |
| 8   | BD1S-008 | Spindle wheel           |           | 1    |
| 9   | BD1S-009 | Hex socket head screw   | M4x8      | 4    |
| 10  | BD1S-010 | Large washer            | 4         | 4    |
| 11  | BD1S-011 | Pan head screw          | M4x6      | 3    |
| 12  | BD1S-012 | Pan head screw          | M4x12     | 8    |
| 13  | BD1S-013 | Motor fixing plate      |           | 1    |
| 14  | BD1S-014 | Pan head screw          | M2x10     | 2    |
| 15  | BD1S-015 | Micro Switch            |           | 1    |
| 16  | BD1S-016 | Insulation plate        |           | 1    |
| 17  | BD1S-017 | Hexagonal lock nut      | M5        | 1    |
| 18  | BD1S-018 | Large washer            | 5         | 1    |
| 19  | BD1S-019 | Shaft lock spring       |           | 1    |
| 20  | BD1S-020 | Cam                     |           | 1    |
| 21  | BD1S-021 | Spindle box             |           | 1    |
| 22  | BD1S-022 | Hex thin nut            | M3        | 15   |
| 23  | BD1S-023 | Hinge                   |           | 2    |
| 24  | BD1S-024 | Countersunk screw       | M3x5      | 7    |
| 25  | BD1S-025 | Countersunk screw       | M3x8      | 8    |
| 26  | BD1S-026 | Power socket with fuse  |           | 1    |
| 27  | BD1S-027 | Power cord              |           | 1    |
| 28  | BD1S-028 | Bearing                 | 6202-2Z   | 1    |
| 29  | BD1S-029 | Hex nut M4              |           | 1    |
| 30  | BD1S-030 | Hex socket head screw   | M4x14     | 1    |
| 31  | BD1S-031 | Potentiometer           | 4.7K      | 1    |
| 32  | BD1S-032 | Insulation pad          |           | 1    |
| 33  | BD1S-033 | Button plug             |           | 1    |
| 34  | BD1S-034 | Hex socket set screw    | M4x12     | 2    |
| 35  | BD1S-035 | Emergency stop switch   |           | 1    |
| 36  | BD1S-036 | Bearing                 | 6003-2Z   | 1    |
| 37  | BD1S-037 | Cover                   |           | 1    |
| 38  | BD1S-038 | Spindle                 |           | 1    |
| 39  | BD1S-039 | 3 jaw chuck             | 50mm      | 1    |
| 40  | BD1S-040 | Main power switch       |           | 1    |

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|-----|----------|---------------------------|-------|------|
| 41  | BD1S-041 | Switch panel              |       | 1    |
| 42  | BD1S-042 | Pad                       |       | 1    |
| 43  | BD1S-043 | Potentiometer locking nut |       | 1    |
| 44  | BD1S-044 | Speed control knob        |       | 1    |
| 45  | BD1S-045 | Chuck guard               |       | 1    |
| 46  | BD1S-046 | Guard shaft               |       | 1    |
| 47  | BD1S-047 | Power indicator light     |       | 2    |
| 48  | BD1S-048 | Countersunk screw         | M4x8  | 4    |
| 49  | BD1S-049 | Motor connection plate    |       | 1    |
| 50  | BD1S-050 | Motor                     | 230V  | 1    |
| 51  | BD1S-051 | Motor cover               |       | 1    |
| 52  | BD1S-052 | Hex socket head screw     | M3x8  | 9    |
| 53  | BD1S-053 | Pan head screw            | M3x6  | 3    |
| 54  | BD1S-054 | Large washer              |       | 2    |
| 55  | BD1S-055 | Back splash               |       | 1    |
| 56  | BD1S-056 | Tailstock screw           |       | 1    |
| 57  | BD1S-057 | Tailstock sleeve          |       | 1    |
| 58  | BD1S-058 | Locking screw             |       | 1    |
| 59  | BD1S-059 | Tailstock body            |       | 1    |
| 60  | BD1S-060 | Hex socket set screw      | M3x4  | 5    |
| 61  | BD1S-061 | Scale ring cover          |       | 4    |
| 62  | BD1S-062 | Circlip                   |       | 4    |
| 63  | BD1S-063 | Scale ring                |       | 4    |
| 64  | BD1S-064 | Hand wheel                |       | 4    |
| 65  | BD1S-065 | Hex lock nut              | M4    | 4    |
| 66  | BD1S-066 | Hand wheel handle         |       | 4    |
| 67  | BD1S-067 | Hand wheel lever          |       | 4    |
| 68  | BD1S-068 | Hex socket set screw      | M3x16 | 2    |
| 69  | BD1S-069 | Screw knob                |       | 2    |
| 70  | BD1S-070 | Hex socket set screw      | M3x10 | 1    |
| 71  | BD1S-071 | Hex socket head screw     | M3x12 | 4    |
| 72  | BD1S-072 | Tool post screw seat      |       | 1    |
| 73  | BD1S-073 | Z-axis lead screw         |       | 1    |
| 74  | BD1S-074 | Hex socket head screw     | M4x12 | 5    |
| 75  | BD1S-075 | Hex socket head screw     | M5x25 | 1    |
| 76  | BD1S-076 | Tool post                 |       | 1    |
| 77  | BD1S-077 | Set screw with cone point | M3x14 | 6    |
| 78  | BD1S-078 | Tool post carriage        |       | 1    |
| 79  | BD1S-079 | Gib                       | 78-82 | 1    |
| 80  | BD1S-080 | Sign rivet                | 2x3   | 1    |

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| No. | Part No. | Description                        | Size      | Qty. |
|-----|----------|------------------------------------|-----------|------|
| 81  | BD1S-081 | Pointer                            |           | 1    |
| 82  | BD1S-082 | Compound slide (Z-axis) carriage   |           | 1    |
| 83  | BD1S-083 | Light spring washer                | 4         | 1    |
| 84  | BD1S-084 | Cross slide (X-axis) carriage      |           | 1    |
| 85  | BD1S-085 | Positioning block                  |           | 1    |
| 86  | BD1S-086 | Nut fixing plate                   |           | 8    |
| 87  | BD1S-087 | Compound slide (Z-axis) nut        |           | 8    |
| 88  | BD1S-088 | Hex socket head screw              | M4x12     | 1    |
| 89  | BD1S-089 | Flat washer                        | 4         | 1    |
| 90  | BD1S-090 | Right bearing seat                 |           | 1    |
| 91  | BD1S-091 | Bearing                            | 619/5-2Z  | 2    |
| 92  | BD1S-092 | Cross slide (X-axis) screw support |           | 1    |
| 93  | BD1S-093 | Flat washer                        | 5         | 2    |
| 94  | BD1S-094 | Cross slide (X-axis) lead screw    |           | 1    |
| 95  | BD1S-095 | Hex socket set screw               | M3x18     | 1    |
| 96  | BD1S-096 | Nut support block                  |           | 1    |
| 97  | BD1S-097 | Z-axis slide carriage              |           | 1    |
| 98  | BD1S-098 | Compound slide (X-axis) screw nut  |           | 1    |
| 99  | BD1S-099 | Z-axis screw                       |           | 1    |
| 100 | BD1S-100 | Lathe bed                          |           | 1    |
| 101 | BD1S-101 | Gib                                | 59-100    | 1    |
| 102 | BD1S-102 | Gib                                | 84-97     | 4    |
| 103 | BD1S-103 | Gib                                | 97-100    | 4    |
| 104 | BD1S-104 | Silicone pad                       |           | 1    |
| 105 | BD1S-105 | Head tapping screw                 | ST2.9x9.5 | 1    |
| 106 | BD1S-106 | Circuit board cover                |           | 1    |
| 107 | BD1S-107 | Circuit Board                      | 230V      | 2    |
| 108 | BD1S-108 | Circuit board box                  |           | 2    |
| 109 | BD1S-109 | Hex reverse thread nut             | M8        | 1    |
| 110 | BD1S-110 | Bearing                            |           | 2    |
| 111 | BD1S-111 | Left bearing seat                  |           | 2    |
| 112 | BD1S-112 | Hex thin nut                       | M5        | 1    |
| 113 | BD1S-113 | Lathe bed holder                   |           | 1    |

### Standard Accessories List for BD-1S Nano Lathe

| No. | Part No.    | Description                      | Size     | Qty. |
|-----|-------------|----------------------------------|----------|------|
| 1   | BD1S-ACC-01 | Inner Hexagon wrench             | 1.5mm    | 1    |
| 2   | BD1S-ACC-02 | Inner Hexagon wrench             | 3mm      | 1    |
| 3   | BD1S-ACC-03 | Inner Hexagon wrench             | 4mm      | 1    |
| 4   | BD1S-ACC-04 | Double Open-end spanner          | 5.5-30mm | 1    |
| 5   | BD1S-ACC-05 | 3 jaw chuck (fix on the machine) | φ50mm    | 1    |
| 6   | BD1S-ACC-06 | Chuck keys                       |          | 2    |
| 7   | BD1S-ACC-07 | Tailstock center                 | MT1      | 1    |
| 8   | BD1S-ACC-08 | Replacement fuse                 | 1A       | 1    |
| 9   | BD1S-ACC-09 | Handle                           |          | 2    |



#### ● About the fuse

The position of the fuse is on back of machine, beside the power socket.



Use a thinner Phillips screwdriver to pry open the cover and replace it.

## Electrical wiring diagram (230V)

