

## Partial User References (not complete list) of Kolver Electrical Screwdrivers

| SNo. | Item Description, Customer's Name & City                   | Qty | SNo. | Item Description, Customer's Name & City                  | Qty |
|------|------------------------------------------------------------|-----|------|-----------------------------------------------------------|-----|
|      | <b>NATO50D Electrical Screwdriver</b>                      |     | 38   | BN Hitech Machines Pvt. Ltd., PANCKLULA                   | 1   |
| 1    | Sumitron Exports Private Limited, Delhi                    | 5   | 39   | Enphase Solar Energy Pvt. Ltd., Bengaluru                 | 1   |
|      | <b>MITO15D &amp; MITO15D/TA Electrical Screwdriver</b>     |     | 40   | Infinity Automation Systems Pvt. Ltd., Pune               | 1   |
| 2    | Ash & Alain India Private Limited, Noida                   | 1   | 41   | Motherson Sumi Wiring India Limited, Pune                 | 2   |
| 3    | GnR Corporation, Gurgaon                                   | 1   | 42   | S. D. Engineerstech Pvt. Ltd., Pune                       | 1   |
| 4    | Inteva Products India Automotive Private Limited, Pune     | 1   | 43   | Sanko Shoji India Pvt. Ltd., Gurgaon                      | 1   |
| 5    | Sumitron Exports Private Limited, Delhi                    | 11  | 44   | Secure Meters Limited, Ahmedabad                          | 1   |
|      | <b>PLUTO 3CA, PLUTO3D, PLUTO3D/PS &amp; PLUTO3D/TA</b>     |     | 45   | Sumitron Exports Private Limited, Delhi                   | 24  |
| 6    | Ash & Alain India Private Limited, Noida                   | 1   | 46   | Sunrise Enterprises, Pune                                 | 1   |
| 7    | ASTronics Technology (I) Pvt. Ltd, Delhi                   | 1   |      | <b>PLUTO20CA/SR &amp; PLUTO20CA/SR/TA</b>                 |     |
| 8    | Authentic Engineers, Gurgaon                               | 1   | 47   | Shigan Quantum Technologies Limited, Gurugram             | 1   |
| 9    | BBS Automation India Pvt. Ltd., Pune                       | 1   | 48   | Sumitron Exports Private Limited, Delhi                   | 6   |
| 10   | Enphase Solar Energy Pvt. Ltd., Bengaluru                  | 1   |      | <b>PLUTO30ANG Electrical Screwdriver</b>                  |     |
| 11   | Hemaadri Ele Systems Private Limited, Bangalore            | 1   | 49   | Shigan Quantum Technologies Limited, Gurugram             | 1   |
| 12   | Inteva Products India Automotive Private Limited, Pune     | 1   |      | <b>PLUTO35CA/SR Electrical Screwdriver</b>                |     |
| 13   | JKB Mechtech Private Limited, Chennai                      | 1   | 50   | Sumitron Exports Private Limited, Delhi                   | 3   |
| 14   | Motherson Automotive Technologies & Eng., Chennai          | 2   |      | <b>KDS-PL15 Electrical Screwdriver</b>                    |     |
| 15   | Motherson Sumi Systems Limited, Noida                      | 3   | 51   | Sumitron Exports Private Limited, Delhi                   | 1   |
| 16   | Motherson Sumi Wiring India Limited, Pune                  | 2   |      | <b>KBL30FR Electrical Screwdriver</b>                     |     |
| 17   | Samvardhana Motherson International Ltd, Noida             | 1   | 52   | Schindler India Pvt. Ltd, Mumbai                          | 1   |
| 18   | Sumitron Exports Private Limited, Delhi                    | 57  |      | <b>PLUTO30ANG Electric Screwdriver</b>                    |     |
| 19   | Unique Circle Automation Pvt. Ltd., Pune                   | 1   | 53   | Sumitron Exports Private Limited, Delhi                   | 2   |
| 20   | Yesh Enterprises, Gurgaon                                  | 1   |      | <b>PLUTO50CA/SR Electrical Screwdriver</b>                |     |
|      | <b>PLUTO6D, PLUTO6D/PS &amp; PLUTO6D/TA</b>                |     | 54   | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 1   |
| 21   | ASTronics Technology (I) Pvt. Ltd, Delhi                   | 2   |      | Sumitron Exports Private Limited, Delhi                   | 1   |
| 22   | Authentic Engineers, Gurgaon                               | 1   | 55   | <b>PLUTO70ANG Electrical Screwdriver</b>                  |     |
| 23   | I6 Techlabs Private Limited, Coimbatore                    | 6   |      | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 1   |
| 24   | JKB Mechtech Private Limited, Chennai                      | 1   | 56   | <b>PLUTO6ANG Electrical Screwdriver</b>                   |     |
| 25   | Rotex Automation Limited, Vadodara                         | 1   |      | Eureka Design India Private Limited, Manesar              | 2   |
| 26   | S. D. Engineerstech Pvt. Ltd., Pune                        | 1   | 57   | <b>FAB18RE/FR Electrical Screwdriver</b>                  |     |
| 27   | Sumitron Exports Private Limited, Delhi                    | 89  |      | Rapiscan Systems Private Limited, Hyderabad               | 1   |
| 28   | Sunrise Enterprises, Pune                                  | 1   | 58   | <b>KDS-PL6 Electrical Screwdriver</b>                     |     |
|      | <b>PLUTO10D/N &amp; PLUTO10D/TA</b>                        |     |      | Sumitron Exports Private Limited, Delhi                   | 2   |
| 29   | Crane Process Flow Technologies (India) Pvt. Ltd., Satara  | 4   | 59   | <b>KDS-PL10 Electrical Screwdriver</b>                    |     |
| 30   | DELL'ORTO INDIA PVT. LTD., Pune                            | 7   |      | Eaton Industrial Products Private Limited, Bangalore      | 1   |
| 31   | Gilbarco Veeder Root India Pvt. Ltd., Coimbatore           | 1   | 60   | <b>RAF38PP/FR Electrical Screwdriver</b>                  |     |
| 32   | JKB Mechtech Private Limited, Chennai                      | 5   |      | Draeger Safety India Pvt.Ltd., Thane                      | 1   |
| 33   | Kadence Automation and Robotic Systems, Faridabad          | 1   | 61   | <b>RAF32NS/FR Electrical Screwdriver</b>                  |     |
| 34   | Modine Thermal Systems Pvt. Ltd., Tamil Nadu               | 3   |      | Sumitron Exports Private Limited, Delhi                   | 2   |
| 35   | Nobel Automotive India Private Limited, Ahmedabad          | 1   | 62   | <b>PLUTO5FR/P Electrical Screwdriver</b>                  |     |
| 36   | Sumitron Exports Private Limited, Delhi                    | 43  | 63   | Sumitron Exports Private Limited, Delhi                   | 1   |
|      | <b>PLUTO15D/N &amp; PLUTO15D/TA Electrical Screwdriver</b> |     |      | <b>EDU2AE/TOP/NT/TA Control Unit</b>                      |     |
| 37   | Ash & Alain India Private Limited, Noida                   | 1   | 64   | Sumitron Exports Private Limited, Delhi                   | 5   |

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While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part

| SNo. | Item Description, Customer's Name & City                  | Qty | SNo. | Item Description, Customer's Name & City                  | Qty |
|------|-----------------------------------------------------------|-----|------|-----------------------------------------------------------|-----|
|      | <b>EDU2AE/HPRO Control Unit</b>                           |     |      | <b>EDU1FR Control Unit</b>                                |     |
| 65   | Ash & Alain India Private Limited, Noida                  | 2   | 103  | Rapiscan Systems Private Limited, Hyderabad               | 1   |
| 66   | Authentic Engineers, Gurgaon                              | 2   | 104  | Draeger Safety India Pvt.Ltd., Thane                      | 1   |
| 67   | BBS Automation India Pvt. Ltd., Pune                      | 1   |      | <b>EDU1FR/SG Control Unit</b>                             |     |
| 68   | BN Hitech Machines Pvt. Ltd., Panchkula                   | 1   | 105  | Sumitron Exports Private Limited, Delhi                   | 2   |
| 69   | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 1   |      | <b>KDU-1A Control Unit</b>                                |     |
| 70   | Enphase Solar Energy Pvt. Ltd., Bengaluru                 | 2   | 106  | Eaton Industrial Products Private Limited, Bangalore      | 1   |
| 71   | Eureka Design India Private Limited, Manesar              | 2   | 107  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 72   | Gilbarco Veeder Root India Pvt. Ltd., Coimbatore          | 1   |      | <b>LINAR1 Torque Reaction Arm</b>                         |     |
| 73   | GnR Corporation, Gurgaon                                  | 1   | 108  | Eaton Industrial Products Private Limited, Bangalore      | 1   |
| 74   | Hemaadri Ele Systems Private Limited, Bangalore           | 1   | 109  | Motherson Sumi Systems Limited, Noida                     | 1   |
| 75   | I6 Techlabs Private Limited, Coimbatore                   | 6   | 110  | Motherson Sumi Wiring India Limited, Pune                 | 4   |
| 76   | Infinity Automation Systems Pvt. Ltd., Pune               | 1   | 111  | Shigan Quantum Technologies Limited, Gurugram             | 1   |
| 77   | Inteva Products India Automotive Private Limited, Pune    | 1   | 112  | Sumitron Exports Private Limited, Delhi                   | 20  |
| 78   | JKB Mechtech Private Limited, Chennai                     | 7   |      | <b>LINAR2 Torque Reaction Arm</b>                         |     |
| 79   | Kadence Automation and Robotic Systems, Faridabad         | 1   | 113  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 80   | Modine Thermal Systems Pvt. Ltd., Tamil Nadu              | 3   |      | <b>LINART Torque Reaction Arm</b>                         |     |
| 81   | Nobel Automotive India Private Limited, Ahmedabad         | 1   | 114  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 82   | Rotex Automation Limited, Vadodara                        | 1   |      | <b>PA2KOL Torque Reaction Arm</b>                         |     |
| 83   | S. D. Engineerstech Pvt. Ltd., Pune                       | 2   | 115  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 84   | Sanko Shoji India Pvt. Ltd., Gurgaon                      | 1   |      | <b>CAR501 Torque Reaction Arm</b>                         |     |
| 85   | Secure Meters Limited, Ahmedabad                          | 1   | 116  | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 1   |
| 86   | Sumitron Exports Private Limited, Delhi                   | 153 |      | <b>CAR502 Torque Reaction Arm</b>                         |     |
| 87   | Sunrise Enterprises, Pune                                 | 1   | 117  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 88   | Unique Circle Automation Pvt. Ltd., Pune                  | 1   |      | <b>LINAR1/TLS1 Torque Reaction Arm</b>                    |     |
| 89   | Yesh Enterprises, Gurgaon                                 | 1   | 118  | Sumitron Exports Private Limited, Delhi                   | 18  |
|      | <b>EDU2AE/TOP/E &amp; EDU2AE/TOP Control Unit</b>         |     |      | <b>LINART/TLS1 Folding Torque Reaction Arm</b>            |     |
| 90   | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 4   | 119  | Sumitron Exports Private Limited, Delhi                   | 1   |
| 91   | DELL'ORTO INDIA PVT. LTD., Pune                           | 3   |      | <b>CAR281/TLS1 Torque Reaction Arm</b>                    |     |
| 92   | Motherson Automotive Technologies & Eng., Chennai         | 2   | 120  | Gilbarco Veeder Root India Pvt. Ltd., Coimbatore          | 1   |
| 93   | Sumitron Exports Private Limited, Delhi                   | 32  |      | Sumitron Exports Private Limited, Delhi                   | 1   |
|      | <b>EDU2AE/TOP/MITO/TA Control Unit</b>                    |     | 121  | <b>CAR501/TLS1 Torque Reaction Arm</b>                    |     |
| 94   | Sumitron Exports Private Limited, Delhi                   | 2   | 122  | Sumitron Exports Private Limited, Delhi                   | 3   |
|      | <b>EDU2AE/TOP/TA Control Unit</b>                         |     |      | <b>Mini K-5/S Torque Tester</b>                           |     |
| 95   | Ash & Alain India Private Limited, Noida                  | 1   | 123  | Motherson Sumi Systems Limited, Noida                     | 1   |
| 96   | ASTronics Technology (I) Pvt. Ltd, Delhi                  | 3   | 124  | Rapiscan Systems Private Limited, Hyderabad               | 1   |
| 97   | Authentic Engineers, Gurgaon                              | 2   |      | <b>Mini K-20/S Torque Tester</b>                          |     |
| 98   | Motherson Sumi Systems Limited, Noida                     | 3   | 125  | Deutsch India Power Connectors Pvt. Ltd.- Bangalore       | 1   |
| 99   | Motherson Sumi Wiring India Limited, Pune                 | 4   |      | <b>K20 Torque Tester upto 20 Nm</b>                       |     |
| 100  | Samvardhana Motherson International Ltd, Noida            | 1   | 126  | Motherson Sumi Wiring India Limited, Pune                 | 1   |
| 101  | Sumitron Exports Private Limited, Delhi                   | 40  |      | Muffaddal Tools & Hardware, Bangalore                     | 1   |
|      | <b>EDU1BL/SG Control Unit</b>                             |     | 127  | <b>Mini Ke50/S Torque Tester upto 50 Nm</b>               |     |
| 102  | Schindler India Pvt. Ltd, Mumbai                          | 1   | 128  | Crane Process Flow Technologies (India) Pvt. Ltd., Satara | 1   |

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Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part

**From:**giovanni colasante <boss@kolver.it>  
**To:**rksgm <romesh1947@gmail.com>

Dear Romesh,

Congratulations for your repair. Not many of our sales partners have such ability.

I'll pass your suggestions on to our technical and production department to see if it's feasible on our side and inform you accordingly.

Enjoy your weekend

Cordiali saluti/Best regards

Giovanni Colasante  
Kolver Srl

Il giorno ven 6 ago 2021 alle ore 04:01 rksgm <romesh1947@gmail.com> ha scritto:

Dear Giovanni,

Please see attachment, we finally mastered in-house the repair of this at chip level (much beyond Power FET). This is now working ok. Infact we took one Good type of your Power Supply and created our own Test Points with signals and waveforms.



## To whom it may concern in India

We certify that:

Inde Enterprises  
745, Sector 8-B  
Chandigarh 1650 009

Email: romesh1947@gmail.com  
Cell: 9815600745

are our India partner both for sales and service of our Kolver Brand Electric Screwdrivers.

This certificate is re-issued on March 8th, 2024 and will be valid for next 3 years.

We solicit all our Indian customers' co-operation to Inde Enterprises so as to perform the assigned responsibility.

  
Giovanni Colasante  
Managing Director

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Cap.Soc. €900.000,00 i.v. - REA: VI - 207558 - P.I. e C.F.: IT 02103900243

## Hand-held Transducerized Screwdrivers / K-Ducer Series



### KDS Hand-held Screwdrivers | Torque range 0.05 – 70 Nm

K-Ducer is the new A-class intelligent transducerized assembly system from Kolver®, the electric tool pioneer since 1989. The system consists of an advanced state-of-the-art controller and a range of handheld and fixtured electric screwdrivers with torque up to 70 Nm.

#### Finest accuracy and precision

KDS transducerized electric tools cover all assembly line requirements for an accurate, high-quality torque and angle-controlled tightening experience.

A built-in compact transducer provides torque control with excellent repeatability.

#### Excellent ergonomics

KDS screwdrivers feature unsurpassed ergonomics, soft touch design, status LED, temperature protection combined with full traceability and error-proofing capabilities.

Available in straight, pistol and fixture configuration

#### Connectivity and Industry 4.0

KDS tools are the ideal solution for your Industry 4.0 production line. Integrating the K-Ducer in your smart factory will be, thanks to effortless the built-in Modbus TCP and Open Protocol connectivity.

Built-in LED lights provide immediate feedback on each tightening process, i.e. you'll be able to check at a glance whether the part is correctly tightened or not.

KDS screwdrivers work in combination with KDU control units to gather, analyse and process detailed assembly information.

Their built-in transducer continuously reads torque and position of the screw and sends the gathered data to the KDU controller for analysis.

#### Available Housings



**INLINE (KDS-PL/ESD)** – Inline versions available in lever start. ESD safe. KDS inline screwdrivers can also be supplied with built-in LED lights (KDS-PL /LED/ESD), which light up the area underneath while in use.



**PISTOL GRIP** – Trigger start, pistol grip available with top connector (KDS-PL P/U/ESD) or bottom connector (KDS-PL P/ESD). ESD safe.



**ALUMINIUM HOUSING (KDS-PL)** For torques over 20 Nm, with start and reverse buttons.



**ANGLE MODELS (KDS-PL ANG/ESD)** Inline models with angle head attached.

## Hand-held Transducerized Screwdrivers / K-Ducer Series

### Inline KDS Screwdrivers

| Code       | Model         | Torque Nm  | RPM min-max | Dimensions mm | Weight kg | Bit Drive      |
|------------|---------------|------------|-------------|---------------|-----------|----------------|
| 165050     | KDS-NT70      | 0.05 - 0.5 | 20 - 700    | 223 x 27      | 0.3       | Hex 1/4"       |
| 165050/HM  | KDS-NT70/HM   | 0.05 - 0.5 | 20 - 700    | 223 x 27      | 0.3       | Half moon 4 mm |
| 175015/ESD | KDS-MT1.5/ESD | 0.1 - 1.5  | 50 - 850    | 254 x 40      | 0.7       | Hex 1/4"       |
| 135006/ESD | KDS-PL6/ESD   | 0.5 - 6    | 50 - 850    | 251 x 40      | 0.7       | Hex 1/4"       |
| 135010/ESD | KDS-PL10/ESD  | 0.8 - 10   | 50 - 600    | 251 x 40      | 0.7       | Hex 1/4"       |
| 135015/ESD | KDS-PL15/ESD  | 0.5 - 15   | 50 - 320    | 251 x 40      | 0.7       | Hex 1/4"       |
| 135020     | KDS-PL20      | 2 - 20     | 10 - 210    | 297 x 43      | 1.3       | Sq 3/8"        |
| 135035     | KDS-PL35      | 3 - 35     | 10 - 140    | 318 x 43      | 1.8       | Sq 3/8"        |
| 135050     | KDS-PL50      | 5 - 50     | 10 - 90     | 322 x 43      | 1.8       | Sq 1/2"        |

### Inline KDS Screwdrivers with front LED lights

| Code           | Model             | Torque Nm | RPM min-max | Dimensions mm | Weight kg | Bit Drive |
|----------------|-------------------|-----------|-------------|---------------|-----------|-----------|
| 175015/LED/ESD | KDS-MT1.5/LED/ESD | 0.1 - 1.5 | 50 - 850    | 254 x 40      | 0.7       | Hex 1/4"  |
| 135006/LED/ESD | KDS-PL6/LED/ESD   | 0.5 - 6   | 50 - 850    | 251 x 40      | 0.7       | Hex 1/4"  |
| 135010/LED/ESD | KDS-PL10/LED/ESD  | 0.8 - 10  | 50 - 600    | 251 x 40      | 0.7       | Hex 1/4"  |
| 135015/LED/ESD | KDS-PL15/LED/ESD  | 0.5 - 15  | 50 - 320    | 251 x 40      | 0.7       | Hex 1/4"  |

### Pistol grip KDS Screwdrivers with bottom connector

| Code       | Model          | Torque Nm | RPM min-max | Dimensions mm  | Weight kg | Bit Drive |
|------------|----------------|-----------|-------------|----------------|-----------|-----------|
| 175016/ESD | KDS-MT1.5P/ESD | 0.1 - 1.5 | 50 - 850    | 186 x 172 x 50 | 0.7       | Hex 1/4"  |
| 135007/ESD | KDS-PL6P/ESD   | 0.5 - 6   | 50 - 850    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |
| 135011/ESD | KDS-PL10P/ESD  | 0.8 - 10  | 50 - 600    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |
| 135016/ESD | KDS-PL15P/ESD  | 0.5 - 15  | 50 - 320    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |

### Pistol grip KDS Screwdrivers with top connector

| Code         | Model            | Torque Nm | RPM min-max | Dimensions mm  | Weight kg | Bit Drive |
|--------------|------------------|-----------|-------------|----------------|-----------|-----------|
| 175016/U/ESD | KDS-MT1.5P/U/ESD | 0.1 - 1.5 | 50 - 850    | 186 x 172 x 50 | 0.7       | Hex 1/4"  |
| 135007/U/ESD | KDS-PL6P/U/ESD   | 0.5 - 6   | 50 - 850    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |
| 135011/U/ESD | KDS-PL10P/U/ESD  | 0.8 - 10  | 50 - 600    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |
| 135016/U/ESD | KDS-PL15P/U/ESD  | 0.5 - 15  | 50 - 320    | 186 x 170 x 50 | 0.7       | Hex 1/4"  |

### Angle head KDS Screwdrivers

| Code             | Model                | Torque Nm | RPM min-max | Dimensions mm | Weight kg | Bit Drive |
|------------------|----------------------|-----------|-------------|---------------|-----------|-----------|
| 175015/A/ESD     | KDS-MT1.5ANG/ESD     | 0.1 - 1.5 | 50 - 850    | 288 x 40      | 0.7       | Hex 1/4"  |
| 135006/A/ESD     | KDS-PL6/ANG/ESD      | 0.5 - 5.5 | 50 - 850    | 288 x 40      | 0.7       | Hex 1/4"  |
| 135010/A/ESD     | KDS-PL10/ANG/ESD     | 0.8 - 9   | 50 - 600    | 288 x 40      | 0.7       | Hex 1/4"  |
| 135015/A/1-4/ESD | KDS-PL15/ANG/1-4/ESD | 0.5 - 12  | 50 - 320    | 326 x 40      | 0.9       | Hex 1/4"  |
| 135030/A         | KDS-PL30ANG          | 3 - 30    | 10 - 140    | 429 x 43      | 2.1       | Sq 3/8"   |
| 135045/A         | KDS-PL45ANG          | 4 - 45    | 10 - 90     | 450 x 43      | 2.8       | Sq 1/2"   |
| 135070/A         | KDS-PL70ANG          | 7 - 70    | 10 - 50     | 453 x 43      | 2.8       | Sq 1/2"   |

**IMPORTANT:** Continuous use over 80% of torque range is not recommended.

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