MANUAL FOR INDASA[™] LOW PROFILE 12,000 RPM 127 mm (5 in) and 150 mm (6 in) RANDOM ORBITAL SANDERS



| Declaration of conformity | | | | | | | |
|---|--|--|---------------------------------|--------------------------|--|--|--|
| INDASA - Indústria de Abrasivos, S.A. | | | | | | | |
| Zona Industrial de Aveiro, Lote 46 P.O.Box 3005, 3801-101 AVEIRO PORTUGAL | | | | | | | |
| declare on our sole responsibility that the products | | | | | | | |
| 127 n | nm (5 in.) an | d 150 mm (6 in.) Randor | n Orbital Sanders | | | | |
| (See "Product | Configuration | on and Specifications" Ta | ables for particular | Model) | | | |
| to which this declaration relates | is in conform | nity with the following sta | ndard(s) or other no | ormative document(s) EN | | | |
| ISO1574 | 4:2002. Follo | wing the provisions of D | irective 2006/42/EC | C | | | |
| | | | | | | | |
| | | | A | ma top | | | |
| AVEIRO, Jan. 15,2007 | J. Macl | nado Lobo, Director | | | | | |
| Place and date of issue | | Name | nt marking of authorized person | | | | |
| | | | | | | | |
| Operator Instructions | | Importont | | | | | |
| Operator Instructions | | | | | | | |
| of Tool INDASA Warranty Parts Page Page | er Use arte Liet | fore installing operating servicing or | | | | | |
| Product Configuration and Specifications 1 | Product Configuration and Specifications Table | | | | | | |
| Work Stations, Putting the Tool Into Service | e, | instructions in a safe acce | essible location. | | | | |
| Operating -Instructions, Back-Up Pads. | | | | | | | |
| Manufacturer/Supplier | Requir | ed Personal Safety | Equipment | | | | |
| | | , | | | | | |
| INDASA - Indústria de Abrasivos, S.A. | | Safety Glasses | (Brea | athing Masks | | | |
| Zona Industrial de Aveiro, Lote 46 P.O.Bo | x | | | | | | |
| 3005, 3801-101 AVEIRO PORTUGAL | | | | | | | |
| Tel: +351 234 303 600 | | EarP | lotection | Salety Gloves | | | |
| Fax: +351 234 303 605 | | | | | | | |
| Recommended Airline | ended Maximum | | Air Prossuro | | | | |
| Size - Minimum | Hose Length | ~ | | | | | |
| | | | Maximum Working I | Pressure 6.2 bar 90 psig | | | |
| 10 mm 3/8 in | 8 m | 25 ft | Recommended Min | imum NA NA | | | |
| | Please R | ead and Comply | / with | | | | |

- 1) General Industry Safety& Health Regulations, Part 1910, OSHA 2206, available from: Superintendent of Documents; Government Printing Office; Washington DC 20402
- 2) Safety Code for Portable Air Tools, ANSI B186.1 available from: American National Standards Institute, Inc.; 1430 Broadway; New York 10018
- 3) Following the provisions of Directive 2006/42/EC
- 4) State and Local Regulations.

Proper Use of Tool

This sander is designed for sanding all types of materials i.e. metals, wood, stone, plastics, etc. using abrasive designed for this purpose. Do not use this sander for any other purpose than that specified without consulting the manufacturer or the manufacturer's authorized supplier.

Do not use back-up pads that have a working speed less than 12,000 RPM free speed. Never use back-up pads that have a weight and/or size different than the machine was specifically designed for.



The Warranty

All INDASA Random Orbital Sanders are warranted for defects in materials or workmanship for one year from the date of delivery to the user. Combined with the INDASA name, this Warranty expresses our total confidence in the superior quality, durability, and performance of the INDASA. Random Orbital Sander. To receive any expressed or implied warranty, tool must be repaired by an authorized INDASA Service Center. To receive warranty, tools must be operated under the conditions as described in the "Putting the Tools into Service" section of this document and be connected to an air supply system as shown in Figure 1. Tools that have been exposed to extreme conditions will be covered under warranty at the sole discretion of INDASA.

Parts Page



| ITEM | TORQUE SETTING | | | | |
|------|---------------------|--|--|--|--|
| | Nm (lbfin) | | | | |
| 12 | 6.2 – 7.3 (55 - 65) | | | | |
| 39 | 1.8 – 2.3 (16 - 20) | | | | |
| 43 | 6.8 - 8.1 (60 - 72) | | | | |
| 45 | 4.0 - 5.4 (36 - 48) | | | | |
| 55 | 3.4 - 3.9 (30 - 35) | | | | |

| ltem | Part No. | Description | Qty | | | | | |
|--|---|---|---|--|--|--|--|--|
| 1 | INA0040 | RETAINING RING | 1 | | | | | |
| 2 | INA0021 | BEARING | 1 | | | | | |
| 3 | INB0017 | REAR ENDPLATE | 1 | | | | | |
| 4 | INA0005 | CYLINDER ASSEMBLY | 1 | | | | | |
| 5 | INA0042 | O-RING | 1 | | | | | |
| 6 | INB0005 | MACHINED ROTOR | 1 | | | | | |
| 7 | INA0041 | WOODRUFF KEY | 1 | | | | | |
| 8 | INA0010 | | 1 | | | | | |
| 9 | INB0016 | | 1 | | | | | |
| 10 | INA0019 INA0045 | | 1 | | | | | |
| 12 | INA0043 | | 1 | | | | | |
| 12 | INB0073 | 6y 3/16 in ORBIT AirSHIELD TM SHAFT BALANCER | 1 | | | | | |
| | INB0074 | 5x 3/32 in ORBIT AIRSHIELD IM SHAFT BALANCER | | | | | | |
| 13 | INB0072 | 5x 3/16 in. ORBIT AirSHIELD SHAFT BALANCER | 1 | | | | | |
| | INB0075 | 6x 3/32 in. ORBIT AirSHIELD SHAFT BALANCER | 1 | | | | | |
| 14 | INA0122 | FILTER | 1 | | | | | |
| 15 | INA0121 | DUCKBILL CHECK VALVE | 1 | | | | | |
| 16 | INA0120 | VALVE RETAINER | 1 | | | | | |
| 17 | INA0937 | SHIM | 1 | | | | | |
| 18 | INA0938 | BEARING | 1 | | | | | |
| 19 | INA0016 | SPACER | 1 | | | | | |
| 20 | INA0017 | BELLEVILLE WASHER | 1 | | | | | |
| 21 | INA0018 | | 1 | | | | | |
| 22 | INB0018 | SPINULE | 1 | | | | | |
| 23 | INA12/9 | LEVER FOR 2.311111 (3/3211) ORBIT 12000 RPM ROS | 1 | | | | | |
| 24 | INA0031 | I EVER SPRING PIN | 1 | | | | | |
| | INB0007 | 2 1/2 in. GRIP | OPTIONAL | | | | | |
| 25 | INB0008 | 2 3/4 in. GRIP | 1 | | | | | |
| | INB0009 | 3 in. GRIP | OPTIONAL | | | | | |
| 26 | INA0015 | VALVE SLEEVE | 1 | | | | | |
| 27 | INA1292 | HOUSING | 1 | | | | | |
| 28 | INA0008 | VALVE STEM ASSEMBLY | 1 | | | | | |
| 29 | INA0043 | O-RING | | | | | | |
| 20 | INA0043 | | 1 | | | | | |
| 30 | INB0014 | SPEED CONTROL | 1 | | | | | |
| 31 | INB0014 INA0039 | SPEED CONTROL RETAINING RING | 1 1 1 | | | | | |
| 30 31 32 | INA0043 INB0014 INA0039 INB0012 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD | 1 1 1 1 | | | | | |
| 30 31 32 33 | INA0043 INB0014 INA0039 INB0012 INC0012 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD | 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH | 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 | INR0043 INB0014 INR0039 INB0012 INC0012 INC0073 INR0022 NA | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) | 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER | 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT | 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD 2/6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 2/4 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SPRING | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0068 INA0068 INA0068 INA0068 INA0009 INA0007 INA0014 INA0013 INA0044 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0410 INA0770 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING tin /09mm HOSE SEAL | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28 mm HOSE SEAL TAC with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 INA0062 INA0068 INA0068 INA0068 INA0066 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 INA00410 INA0778 INA 1280 INC0108 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER | 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 INC0108 INA0392 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SUPERVAC SGV SWIVEL EXHAUST FITTING 1in /28 mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRI INE WITH Ø 1 in VAC HOSE TO Ø 1 in /28 mm x 1 1/2 in ERICTION FIT ADAPTER ASSEMBLY | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0068 INA0166 INA0009 INA0007 INA0014 INA0006 INA0014 INA0006 INA0014 INA0006 INA00410 INA0778 INA 1280 INA012 INA0392 INA0412 | SPEED CONTROL RETAINING RING S76 in. NON-VAC SHROUD 56 in. SUPER VAC TM SHROUD 26 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY | 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0068 INA0166 INA0009 INA0007 INA0014 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 INC0108 INA0392 INA0412 INA0048 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY M5 x 0,8 FLANGED NUT | 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 INA0178 INA 1280 INC0108 INA0392 INA0412 INA0048 INA0099 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY M5 x 0,8 FLANGED NUT ROS SUPERVAC TM CV 1 in/28mm SWIVEL EXHAUST ASSEMBLY | 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 INA0192 INA0412 INA0048 INA0048 INA0047 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC ™ SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY M5 x 0.8 FLANGED NUT ROS SUPERVAC TM CV 1 in/28mm SWIVEL EXHAUST ASSEMBLY WASHER | 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 NA INA0062 INA0068 INA0166 INA0068 INA0166 INA0009 INA0007 INA0014 INA0013 INA0044 INA0006 INA0410 INA0778 INA 1280 INC0108 INA0392 INA0412 INA0048 INA0099 INA0047 INA0047 INA0769 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD Ø 6 in. SCREEN ABRASIVE ROS Super VAC SHROUD 24 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE SEAT VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY M5 x 0.8 FLANGED NUT ROS SUPERVAC TM CV 1 in/28mm SWIVEL EXHAUST ASSEMBLY WASHER SCREW | 1 1 1 1 1 1 | | | | | |
| 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 | INA0043 INB0014 INA0039 INB0012 INC0012 INC0012 INC0073 INA0022 INA0068 INA0068 INA0068 INA0068 INA0068 INA0068 INA0069 INA0014 INA0006 INA0014 INA0006 INA0014 INA0006 INA0014 INA0006 INA00410 INA0778 INA 1280 INA012 INA0412 INA0412 INA0048 INA0047 INA0047 INA0769 INC0110 | SPEED CONTROL RETAINING RING 5/6 in. NON-VAC SHROUD 5/6 in SUPER VAC TM SHROUD 2/4 mm PAD WRENCH 1 Back-Up Pad supplied with each tool (type determined by model) INTERNAL MUFFLER MUFFLER INSERT MUFFLER HOUSING VALVE SEAT VALVE SEAT VALVE SPRING 1/4 - 18 NPT INLET BUSHING ASSEMBLY O-RING SGV RETAINER ASSEMBLY FOR 1 in./28 mm HOSE SuperVAC SGV SWIVEL EXHAUST FITTING 1in /28mm HOSE SEAL TAG with INSTRUCTIONS for 1 in. (28 mm) HOSE SEAL SuperVAC SGV SKIRT/ SHROUD ADAPTER AIRLINE WITH Ø 1 in. VAC HOSE TO Ø 1 in./28 mm x 1 1/2 in. FRICTION FIT ADAPTER ASSEMBLY Ø1 in. VAC HOSE TO DOUBLE BAG FITTING AND AIRLINE ASSY M5 x 0,8 FLANGED NUT ROS SUPERVAC TM CV 1 in/28mm SWIVEL EXHAUST ASSEMBLY WASHER SCREW VACUUM BAG | 1 1 1 1 | | | | | |

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|---|------------|----------|------------------------|---|----------------------|-------------|-----------------------|------------------------------|----------------------------|--------------------|--|------------------------------------|
| norm | | | | N | ote: All Vac | uum machine | s use \varnothing 1 | in. Vacuum I | Hose Fittings | | | |
| Set Number Low Profile 127 (b) 127 (b) 00.78 (1.72) 123 (23) 143.4 (5.44) 75 (60) 2.1 (6.9) Num Yang Tapenet Eag 100 (b) 0.92 (1.74) 97.7 (3.45) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.46) 143.4 (5.44) 77 (5.66) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.46) 71 (5.6) | Orbit | Pad Face | Vacuum Type | Pad Type | Pad Size mm (in.) | Model No. | Pad Part Number | Product Net Wt kg (Ib) | Height mm (in.) | Length mm (in.) | "Noise Level dB (A) Pressure (Power) | Vibration Level m/s2 (ft/s2) |
| Number Number< | | Vinyl | | l ow Profile | 127 (5) | | | 0.78 (1.72) | 82.9 (3.26) | 148.4 (5.84) | 79 (86) | 2.1 (6.9) |
| Simm Simm Tapenel Exg Tapenel | | | Non Vacuum | Low Fiolile | 150 (6) | | | 0.82 (1.81) | 82.9 (3.26) | 161.1 (6.34) | 83 (89) | 3.3 (10.8) |
| S m (32 m) Image: marked biase matrix (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | | | | Tapered Edge | 127 (5) | | | 0.79 (1.74) | 87.7 (3.45) | 148.4 (5.84) | 79 (86) | 2.1 (6.9) |
| Number Level Verify Verify Verify <td></td> <td></td> <td></td> <td>150 (6)</td> <td></td> <td></td> <td>0.82 (1.81)</td> <td>87.7 (3.45)</td> <td>161.1 (6.34)</td> <td>83 (89) 79 (86)</td> <td>3.3 (10.8)</td> | | | | | 150 (6) | | | 0.82 (1.81) | 87.7 (3.45) | 161.1 (6.34) | 83 (89) 79 (86) | 3.3 (10.8) |
| Vinit Viniit Vinit Vinit <t< td=""><td></td><td>Central</td><td>Low Profile</td><td>127 (5)</td><td></td><td></td><td>0.84 (1.83)</td><td>82.9 (3.26)</td><td>140.4 (5.64)</td><td>79 (80) 83 (89)</td><td>3.3 (10.8)</td></t<> | | | Central | Low Profile | 127 (5) | | | 0.84 (1.83) | 82.9 (3.26) | 140.4 (5.64) | 79 (80) 83 (89) | 3.3 (10.8) |
| Sum of the set of th | | | Vacuum | Tapered Edge | 127 (5) | | | 0.85 (1.87) | 87.7 (3.45) | 148.4 (5.84) | 79 (86) | 2.1 (6.9) |
| 2.5 mf Gen (3.2 m) Saft Vacuum Low Profile Yacuum 27 (5) Tapera Lege 750 (6) 0.06 (1 Q2) 677 (3.45) 154 (16.45) 94 (393) 3.2 (105) 2.5 mf (3.2 m) No Yacuum Tapera Lege 727 (5) 0.077 (120) 677 (345) 154 (16.45) 94 (303) 3.2 (105) 100 27 (120) 877 (345) 154 (16.45) 94 (304) 125 (16.5) 125 (16.5) 125 (16.5) 125 (16.5) 126 (16.5)< | | | | | 150 (6) | | | 0.88 (1.94) | 87.7 (3.45) | 161.1 (6.34) | 83 (89) | 3.3 (10.8) |
| Serie Serie <t< td=""><td></td><td></td><td>o. "</td><td>Low Drofile</td><td>127 (5)</td><td></td><td></td><td>0.86 (1.90)</td><td>87.7 (3.45)</td><td>151.4 (5.96)</td><td>84 (93)</td><td>3.2 (10.5)</td></t<> | | | o. " | Low Drofile | 127 (5) | | | 0.86 (1.90) | 87.7 (3.45) | 151.4 (5.96) | 84 (93) | 3.2 (10.5) |
| 2.5 mm (3/2 l), (3/2 l), | | | Self- Gen | LOW Profile | 150 (6) | | | 0.91 (2.01) | 82.9 (3.26) | 164.1 (6.46) | 83 (90) | 3.1 (10.2) |
| 2.5 mm (332 in.) No Vacual No Vacua No Vacua | | | Vacuum | Tapered Edge | 127 (5) | | | 0.87 (1.92) | 87.7 (3.45) | 151.4 (5.96) | 84 (93) | 3.2 (10.5) |
| $ \frac{2.5 \mathrm{nm}}{(3:32 \mathrm{n})} \\ (3:32 \mathrm{n})} \\ (3:32 \mathrm{n})} \\ \mathrm{Nen Vacuut} \begin{array}{ $ | | | | · • • • • • • • • • • • • • • • • • • • | 150 (6) | | | 0.91 (2.01) | 87.7 (3.45) | 164.1 (6.46) | 83 (90) | 3.1 (10.2) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | Low Profile | 127 (5) | | | 0.78 (1.72) | 88.4 (3.48) | 125.7 (4.95) | 79 (86) | 2.1 (6.9) |
| Solution Tapered Edge | 2,5 mm | | Non Vacuum | | 150 (6) | | | 0.82 (1.81) | 82.9 (3.26) | 161.1 (6.34) | 83 (89) | 3.3 (10.8) |
| Smm (3):6 in, Link | (0/32 11.) | | | Tapered Edge | 127 (5) | | | 0.79 (1.74) | 87 7 (3.45) | 140.4 (5.64) | 79 (60) 83 (89) | 2.1 (0.9) |
| Fight State Low Profile 100 (0) 100 (0) 0.031 (2.00) 62.9 (3.28) 161.1 (6.43) 63.3 (69) 3.3 (10.8) Hock Tapered Edge 127 (5) 0.085 (1.87) 67.7 (3.45) 144.4 (5.44) 79 (86) 2.1 (8.9) Series 127 (5) 0.084 (1.85) 84.5 (3.33) 160.9 (50.2 (6.31) 33.8 (99) 3.3 (10.8) Abrasive 150 (6) 0.084 (1.85) 84.5 (3.33) 160.2 (6.31) 33.8 (99) 3.3 (10.8) Abrasive 150 (6) 0.09 (1.00) 87.7 (3.45) 151.4 (15.06) 84.6 (3.3) 3.2 (10.5) Series 127 (5) 0.06 (1.90) 87.7 (3.45) 151.4 (15.06) 84.6 (3.3) 3.2 (10.5) Series 127 (5) 0.07 (1.82) 87.7 (3.45) 151.4 (15.06) 84.6 (3.3) 3.2 (10.5) Series 127 (5) 0.07 (1.82) 87.7 (3.45) 154.1 (6.40) 83.9 (00) 3.7 (10.2) Series 127 (5) 0.08 (1.78) 82.6 (3.33) 163.2 (6.39) 79 (80) 3.7 (12.1) Viruut <t< td=""><td></td><td></td><td></td><td></td><td>127 (5)</td><td></td><td></td><td>0.84 (1.85)</td><td>87.7 (3.45)</td><td>148.4 (5.84)</td><td>79 (86)</td><td>2.1 (6.9)</td></t<> | | | | | 127 (5) | | | 0.84 (1.85) | 87.7 (3.45) | 148.4 (5.84) | 79 (86) | 2.1 (6.9) |
| Hork Cantral Vacuum Tapend Edge 127 (5) 127 (5) 0.85 (1.87) 97.7 (3.45) 148.4 (5.84) 79 (86) 2.1 (6.9) Sreen Abrasw 127 (5) 0.84 (1.94) 87.7 (3.45) 148.4 (5.84) 79 (86) 2.1 (6.9) More Sreen Vacuum 127 (5) 0.84 (1.85) 84.5 (3.33) 140.9 (5.86) 94.6 (33) 3.2 (10.5) Self- Vacuum Low Profile Vacuum 127 (5) 0.86 (1.90) 87.7 (3.45) 151.4 (5.86) 84.1 (3.4) 3.2 (10.5) Self- Vacuum Tapered Edge Vacuum 127 (5) 0.87 (1.92) 87.7 (3.45) 151.4 (5.86) 84.1 (33) 3.2 (10.5) Self- Vacuum Tapered Edge Vacuum 127 (5) 0.86 (1.90) 84.5 (3.33) 163.2 (6.42) 83.90) 3.1 (10.2) Mon Vacuum 127 (5) 0.86 (1.91) 82.9 (3.28) 149.6 (5.89) 80 (87) 2.6 (8.5) Tapered Edge Vacuum 127 (5) 0.81 (1.78) 82.9 (3.28) 149.6 (5.89) 79 (86) 3.7 (12.1) Tapered Edge Vacuum 127 (5) 0.81 (1.78) 82.9 (3.28) <td< td=""><td></td><td></td><td></td><td>Low Profile</td><td>150 (6)</td><td></td><td></td><td>0.91 (2.00)</td><td>82.9 (3.26)</td><td>161.1 (6.43)</td><td>83 (89)</td><td>3.3 (10.8)</td></td<> | | | | Low Profile | 150 (6) | | | 0.91 (2.00) | 82.9 (3.26) | 161.1 (6.43) | 83 (89) | 3.3 (10.8) |
| Hook Vacuum Implementation Implementation <thimplemetation< th=""> <thimplementation< th=""></thimplementation<></thimplemetation<> | | | Central | | 127 (5) | | | 0.85 (1.87) | 87.7 (3.45) | 148.4 (5.84) | 79 (86) | 2.1 (6.9) |
| Nork Screen Abrasive Iso (i) Image iso (i) Screen Iso (i) Image iso (i) Image | | Hook | Vacuum | Tapered Edge | 150 (6) | | | 0.88 (1.94) | 87.7 (3.45) | 161.1 (6.34) | 83 (89) | 3.3 (10.8) |
| Nm Abrain tbp (b) 0.89 (1.46) 84.5 (3.3) 160.2 (6.31) 83.68) 33.7 (10.3) Number of the temp 127 (5) 0.86 (1.90) 87.7 (3.45) 151.4 (5.96) 84.693 32.7 (10.5) Number of the temp 150 (6) 0.91 (2.01) 87.7 (3.45) 154.1 (5.96) 84.693 32.7 (10.5) Streen 127 (5) 0.91 (2.01) 87.7 (3.45) 154.1 (6.46) 83.690 3.7 (10.2) Streen 127 (5) 0.91 (2.01) 87.7 (3.45) 164.1 (6.46) 83.690 3.7 (10.2) Streen 127 (5) 0.91 (1.78) 82.9 (3.20) 165.2 (6.33) 96.0 (87) 2.6 (8.5) Mon Vacuum 127 (5) 0.91 (1.78) 82.9 (3.20) 162.6 (6.3) 97.0 (83) 3.7 (12.1) Tapered Edg 127 (5) 0.91 (1.78) 82.9 (3.20) 162.3 (6.39) 79.0 (83) 3.7 (12.1) Vacuum 149.6 (5.80) NP (81) 127 (5) 0.96 (1.97) 87.7 (3.45) 149.6 (5.89) 79.0 (83) 3.7 (12.1) 3.7 (12.1) 3.7 (12.1) | | TIOOK | | Screen | 127 (5) | | | 0.84 (1.85) | 84.5 (3.33) | 148.9 (5.86) | 79 (86) | 2.1 (6.9) |
| $ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | | | | Abrasive | 150 (6) | | | 0.89 (1.96) | 84.5 (3.33) | 160.2 (6.31) | 83 (89) | 3.3 (10.8) |
| $ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | | | | Low Profile | 127 (5) | | | 0.86 (1.90) | 87.7 (3.45) | 151.4 (5.96) | 84 (93) | 3.2 (10.5) |
| Sem Gen Vacuum Tagered Edge Vacuum Tagered Edge 150 (6) Tagered Edge 150 (6) O.07 (1,24) 0.080 (1,90) 151.4 (3,34) 0.031 (2,10) 151.4 (3,34) 0.041 (1,34) 161.4 (6,46) 33.9 (00) 3.1 (10,2) 3.0 (00) Sreen Abrasive 127 (5) 0.080 (1,90) 84.5 (3,33) 1163.2 (6,42) 83.9 (00) 3.1 (10,2) Non Vacuum 127 (5) 0.081 (1,78) 82.9 (3,26) 1462.6 (5,89) 80.087) 2.6 (6,5) Tagered Edge 127 (5) 0.081 (1,78) 82.9 (3,26) 142.6 (5,89) 80.087) 2.6 (6,5) Tagered Edge 127 (5) 0.081 (1,78) 82.9 (3,26) 142.6 (5,89) 00.07) 2.6 (6,5) Tagered Edge 127 (5) 0.087 (1,92) 87.7 (3,45) 149.6 (5,89) 79.(83) 3.7 (12.1) Virvi Central Vacuum 127 (5) 0.087 (1,92) 87.7 (3,45) 149.6 (5,89) 79.(80) 2.6 (6,5) Tagered Edge 127 (5) 0.087 (1,92) 87.7 (3,45) 149.6 (5,89) 79.(86) 2.6 (6,5) Smm (3/16 in.) Self_1.5 150.(6) <td></td> <td>Self-</td> <td></td> <td>150 (6)</td> <td></td> <td></td> <td>0.91 (2.01)</td> <td>82.9 (3.26)</td> <td>164.1 (6.46)</td> <td>83 (90)</td> <td>3.1 (10.2)</td> | | | Self- | | 150 (6) | | | 0.91 (2.01) | 82.9 (3.26) | 164.1 (6.46) | 83 (90) | 3.1 (10.2) |
| $ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | | Gen | Tapered Edge | 127 (5) | | | 0.07 (1.92) | 87 7 (3.45) | 164 1 (6 46) | 83 (90) | 3.2 (10.3) |
| S mm S mm S mm S mm Low Profile Name 127 (5) 0.92 (2.28) 84.5 (3.33) 163.2 (6.42) 83 (90) 3.1 (10.2) Viryl Non Vacuum Low Profile 150 (6) 0.92 (2.28) 84.5 (3.33) 163.2 (6.42) 83 (90) 3.1 (10.2) Viryl Low Profile 127 (5) 0.81 (1.78) 82.9 (3.26) 149.6 (5.89) 80 (87) 2.6 (6.5) Central Vacuum Low Profile 150 (6) 0.85 (1.87) 87.7 (3.45) 143.6 (5.89) 79 (83) 3.7 (12.1) Yacuum Low Profile 150 (6) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (6.5) Tapered Edge 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (6.5) Seff- Vacuum Low Profile 127 (5) 0.91 (2.00) 87.7 (3.45) 149.6 (5.89) 79 (86) 3.5 (11.5) 160 (6) 0.91 (2.00) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) 140 (5.89) Non Low Profile 127 (5) 0.88 (1.90) 87.7 (3.45) | | | Vacuum | | 127 (5) | | | 0.86 (1.90) | 84.5 (3.33) | 151.9 (5.98) | 84 (93) | 3.2 (10.5) |
| $ \ \ \ \ \ \ \ \ $ | | | | Abrasive | 150 (6) | | | 0.92 (2.28) | 84.5 (3.33) | 163.2 (6.42) | 83 (90) | 3.1 (10.2) |
| $ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | | | | | 127 (5) | | | 0.81 (1.78) | 82.9 (3.26) | 149.6 (5.89) | 80 (87) | 2.6 (8.5) |
| $ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | | | | Low Profile | 150 (6) | | | 0.85 (1.87) | 82.9 (3.26) | 162.3 (6.39) | 79 (83) | 3.7 (12.1) |
| $ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | | NOIT VACUUITI | Tapered Edge | 127 (5) | | | 0.81 (1.78) | 87.7 (3.45) | 149.6 (5.89) | 80 (87) | 2.6 (8.5) |
| $ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | | | . aporoa Eago | 150 (6) | | | 0.85 (1.87) | 87.7 (3.45) | 162.3 (6.39) | 79 (83) | 3.7 (12.1) |
| $ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | | Central Vacuum | Low Profile Tapered Edge | 127 (5) | | | 0.87 (1.92) | 87.7 (3.45) | 149.6 (5.89) | 79 (86) | 2.6 (8.5) |
| S mm (3/16 in.) Non Vacuum Tapered Edge 150 (6) 127 (3) (50) 0.07 (1,32) 07.7 (3,45) 142.3 (6,39) 77 (85) 3.1 (10.2) 5 mm (3/16 in.) Self. Vacuum Low Profile 127 (5) 0.99 (2.00) 87.7 (3,45) 152.6 (6.01) 85 (93) 3.5 (11.5) 5 mm (3/16 in.) Tapered Edge 127 (5) 0.94 (2.07) 82.9 (3.26) 165.3 (6.51) 85 (92) 3.5 (11.5) 150 (6) 0.94 (2.07) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) 160 (6) 0.94 (2.07) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) 160 (6) 0.94 (2.07) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) 170 (6) 0.88 (1.96) 87.7 (3.45) 149.6 (5.89) 80 (87) 2.6 (8.5) 170 (6) 0.81 (1.78) 87.7 (3.45) 149.6 (5.89) 79 (83) 3.7 (12.1) 170 (6) 0.81 (1.78) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) 170 (6) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) | | Vinyl | | | 150 (6) 107 (5) | | | 0.91 (2.00) | 82.9 (3.26) | 162.3 (6.39) | 77 (85) | 3.1 (10.2) |
| $ \frac{5 \text{ mm}}{3/16 \text{ in.}} $ $ \frac{1}{3} \text{ Mon} \\ \frac{1}{3} \text{ Mon}$ | | | | | 127 (5) | | | 0.07 (1.92) | 87.7 (3.45) | 149.0 (5.89) | 73 (85) | 2.0 (0.3) |
| Self- Gen Vacuum Low Profile Low Profile 150 (6) Low Profile 150 (6) Low Profile 0.94 (2.07) 82.9 (3.26) 165.3 (6.51) 86 (92) 3.5 (11.5) 5 mm (3/16 in.) Non Vacuum Low Profile 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) 5 mm (3/16 in.) Non Vacuum Low Profile 127 (5) 0.81 (1.78) 82.9 (3.26) 149.6 (5.89) 80 (87) 2.6 (8.5) 5 mm Vacuum Low Profile 127 (5) 0.81 (1.78) 82.9 (3.26) 149.6 (5.89) 80 (87) 2.6 (8.5) 130 (6) 0.85 (1.87) 82.9 (3.26) 149.6 (5.89) 79 (83) 3.7 (12.1) 140 (5.8) 150 (6) 0.85 (1.87) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) 150 (6) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) 160 (2 000) 82.9 (3.26) 162.3 (6.39) 77 (85) 3.1 (10.2) 177 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) | | | Self- Gen Vacuum | | 127 (5) | | | 0.86 (1.90) | 87.7 (3.45) | 152.6 (6.01) | 85 (93) | 3.5 (11.5) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | Low Profile | 150 (6) | | | 0.94 (2.07) | 82.9 (3.26) | 165.3 (6.51) | 85 (92) | 3.5 (11.5) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | 127 (5) | | | 0.89 (1.96) | 87.7 (3.45) | 152.6 (6.01) | 85 (93) | 3.5 (11.5) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | Tapered Edge | 150 (6) | | | 0.94 (2.07) | 87.7 (3.45) | 165.3 (6.51) | 85 (92) | 3.5 (11.5) |
| 5 mm (3/16 in.) Non Vacuum Ison 1000 150 (6) 0.85 (1.87) 82.9 (3.26) 162.3 (6.39) 79 (83) 3.7 (12.1) Mon Tapered Edge 127 (5) 0.81 (1.78) 87.7 (3.45) 149.6 (5.89) 80 (87) 2.6 (8.5) Image: Central Vacuum Tapered Edge 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (83) 3.7 (12.1) Hook Low Profile 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) Tapered Edge 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) Tapered Edge 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) Screen 127 (5) 0.87 (1.92) 87.7 (3.45) 149.6 (5.89) 79 (86) 2.6 (8.5) Screen 127 (5) 0.87 (1.92) 87.7 (3.45) 162.3 (6.39) 77 (85) 3.1 (10.2) Self-Gen Low Profile 127 (5) 0.87 (1.92) 84.5 (3.33) 161.4 (6.35) 77 (85) | | Hook | Non Vacuum | Low Profile | 127 (5) | | | 0.81 (1.78) | 82.9 (3.26) | 149.6 (5.89) | 80 (87) | 2.6 (8.5) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 5 mm | | | | 150 (6) | | | 0.85 (1.87) | 82.9 (3.26) | 162.3 (6.39) | 79 (83) | 3.7 (12.1) |
| $ Hook \ \ \ \ \ \ \ \ \ \ \ \ \ $ | (3/16 in.) | | | Tapered Edge | 127 (5) | | | 0.81 (1.78) | 87.7 (3.45) | 149.6 (5.89) | 80 (87) | 2.6 (8.5) |
| $ Hook \ \ \ \ \ \ \ \ \ \ \ \ \ $ | | | | | 150 (6) | | | 0.85 (1.87) | 87.7 (3.45) | 162.3 (6.39) | 79 (83) | 3.7 (12.1) |
| $Hook = V_{acuum} = V_{acuum}$ | | | Central Vacuum | Low Profile | 127 (5) | | | 0.07 (1.92) | 82 9 (3 26) | 149.0 (5.89) | 79 (80) | 2.0 (0.3) |
| Hook Tapered Edge Tapered Edge <thttapered edge<="" th=""> Tapered Edge</thttapered> | | | | | 127 (5) | | | 0.87 (1.92) | 87.7 (3.45) | 149.6 (5.89) | 79 (86) | 2.6 (8.5) |
| Hook Screen Abrasive 127 (5) 0.87 (1.92) 84.5 (3.33) 150.1 (5.91) 79 (86) 2.6 (8.5) Abrasive 150 (6) 0.92 (2.03) 84.5 (3.33) 161.4 (6.35) 77 (85) 3.1 (10.2) Self- Gen Vacuum Low Profile 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) Tapered Edge 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (92) 3.5 (11.5) Tapered Edge 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) Abrasive 127 (5) 0.89 (1.96) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) Abrasive 127 (5) 0.89 (1.96) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) | | | | Tapered Edge | 150 (6) | | | 0.91 (2.00) | 87.7 (3.45) | 162.3 (6.39) | 77 (85) | 3.1 (10.2) |
| Abrasive 150 (6) 0.92 (2.03) 84.5 (3.33) 161.4 (6.35) 77 (85) 3.1 (10.2) Self-Gen Vacuum Low Profile 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) Tapered Edge 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 87.7 (3.45) 155.3 (6.51) 85 (92) 3.5 (11.5) Abrasive 127 (5) 0.89 (1.96) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) Abrasive 150 (6) 0.95 (210) 84.5 (233) 154.4 (6.47) 85 (93) 3.5 (11.5) | | | | Screen Abrasive | 127 (5) | | | 0.87 (1.92) | 84.5 (3.33) | 150.1 (5.91) | 79 (86) | 2.6 (8.5) |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | 150 (6) | | | 0.92 (2.03) | 84.5 (3.33) | 161.4 (6.35) | 77 (85) | 3.1 (10.2) |
| Self- Gen Vacuum 150 (6) 0.94 (2.07) 82.9 (3.26) 165.3 (6.51) 85 (92) 3.5 (11.5) Self- Gen Vacuum Tapered Edge 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) Screen Abrasive 127 (5) 0.89 (1.96) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) | | | | l ow Profile | 127 (5) | | | 0.89 (1.96) | 87.7 (3.45) | 152.6 (6.01) | 85 (93) | 3.5 (11.5) |
| Gen Vacuum Tapered Edge 127 (5) 0.89 (1.96) 87.7 (3.45) 152.6 (6.01) 85 (93) 3.5 (11.5) Screen 127 (5) 0.94 (2.07) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) Abrasive 150 (6) 0.95 (210) 84.5 (2.32) 164.4 (6.47) 85 (90) 2.5 (41.5) | | | Self- | | 150 (6) | | | 0.94 (2.07) | 82.9 (3.26) | 165.3 (6.51) | 85 (92) | 3.5 (11.5) |
| Vacuum 150 (6) 0.94 (2.07) 87.7 (3.45) 165.3 (6.51) 85 (92) 3.5 (11.5) Screen 127 (5) 0.89 (1.96) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) Abrasive 150 (6) 0.95 (2.10) 84.5 (2.32) 164.4 (6.47) 85 (90) 2.5 (41.5) | | | Gen Vacuum | Tapered Edge | 127 (5) | | | 0.89 (1.96) | 87.7 (3.45) | 152.6 (6.01) | 85 (93) | 3.5 (11.5) |
| Screen 127 (5) 0.89 (1.90) 84.5 (3.33) 153.1 (6.03) 85 (93) 3.5 (11.5) Abrasive 150 (6) 0.95 (2.10) 84.5 (2.32) 164.4 (6.47) 95 (02) 2.5 (44.5) | | | | 0 | 150 (6) | | | 0.94 (2.07) | 87.7 (3.45) | 165.3 (6.51) | 85 (92) | 3.5 (11.5) |
| | | | | Screen Abrasive | 127 (5) | | | 0.89 (1.96) | 04.0 (J.JJ) 84 5 (J.JJ) | 153.1 (0.03) | 00 (93) 85 (02) | 3.5 (11.5) |

Specifications subject to change without prior notice.

*The values stated in the table are from laboratory testing in conformity with stated codes and standards and are not sufficient for risk evaluation. Values measured in a particular work place may be higher than the declared values. The actual exposure values and amount of risk or harm experienced to an individual is unique to each situation and depends upon the surrounding environment, the way in which the individual works, the particular material being worked, work station design as well as upon the exposure time and the physical condition of the user. INDASA The cannot be held responsible for the consequences of using declared values instead of actual exposure values for any individual risk assessment.

Further occupational health and safety information can be obtained from the following websites:

http://europe.osha.eu.int (Europe) http://www.osha.gov (USA)

Work Stations

The tool is intended to be operated as a hand held tool. It is always recommended that the tool be used when standing on a solid floor. It can be in any position but before any such use, the operator must be in a secure position having a firm grip and footing and be aware that the sander can develop a torque reaction. See the section "Operating Instructions".



Putting the Tool into Service

Use a clean lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully depressed. It is recommended to use an approved 10 mm (3/8 in) x 8 m (25 ft) maximum length airline. It is recommended that the tool be connected to the air supply as shown in Figure 1

Do not connect the tool to the airline system without incorporating an easy to reach and operate air shut off valve. The air supply should be lubricated. It is strongly recommended that an air filter, regulator and lubricator (FRL) be used as shown in Figure 1 as this will supply clean, lubricated air at the correct pressure to the tool. Details of such equipment can be obtained from your supplier. If such equipment is not used then the tool should be manually lubricated

To manually lubricate the tool, disconnect the airline and put 2 to 3 drops of suitable pneumatic motor lubricating oil such as Fuji Kosan FK-20, Mobil ALMO 525 or Shell TORCULA® 32 into the hose end (inlet) of the machine. Reconnect tool to the air supply and run tool slowly for a few seconds to allow air to circulate the oil. If the tool is used frequently, lubricate it on a daily basis or lubricate it if the tool starts to slow or lose power

It is recommended that the air pressure at the tool be 6.2 bar (90 psi) while the tool is running so the maximum RPM is not exceeded. The tool can be run at lower pressures but should never be run higher than 6.2 bar (90 psi). If run at lower pressure the performance of the tool is reduced.

Operating Instructions

1) Read all instructions before using this tool. All operators must be fully trained in its use and aware of these safety rules. All service

and repair must be carried out by trained personnel.

2) Make sure the tool is disconnected from the air supply. Select a suitable abrasive and secure it to the back-up pad. Be careful and

center the abrasive on the back-up pad

3) Always wear required safety equipment when using this tool.

4) When sanding always place the tool on the work then start the

tool. Always remove the tool from the work before stopping.

This will prevent gouging of the work due to excess speed of the abrasive.

5) Always remove the air supply to the sander before fitting, adjusting or removing the abrasive or back-up pad.

6) Always adopt a firm footing and/or position and be aware of torque reaction developed by the sander.

7) Use only correct spare parts.

8) Always ensure that the material to be sanded is firmly fixed to prevent its movement.

9) Check hose and fittings regularly for wear. Do not carry the tool by its hose; always be careful to prevent the tool from being started when carrying the tool with the air supply connected.

 Do not exceed maximum recommended air pressure. Use safety equipment as recommended.

11) The tool is not electrically insulated. Do not use where there is a possibility of coming into contact with live electricity, gas pipes, water pipes, etc. Check the area of operation before operation.
12) Take care to avoid entanglement with the moving parts of the

tool with clothing, ties, hair, cleaning rags, etc. If entangled, it will cause the body to be pulled towards the work and moving parts of the machine and can be very dangerous.

13) Keep hands clear of the spinning pad during use.

14) If the tool appears to malfunction, remove from use immediately and arrange for service and repair.

15) Do not allow the tool to free speed without taking precautions to protect any persons or objects from the loss of the abrasive or pad.



INDASA[™]Back-Up Pads

INDASA back-up pads are perfectly mated for use on the INDASA Sander. Constructed from premium, industrial-quality materials and featuring a riveted fiberglass and steel hub with molded urethane, their durability and precise construction are the ideal complement to the performance of the INDASA Sander. See "Product Configuration/ Specifications" Table for the correct replacement pad for a particular model.

| Description |
|---|
| 127 mm (5 in.) low profile, non vacuum, vinyl face |
| 127 mm (5 in.) low profile, non vacuum, hook face |
| 127 mm (5 in.) tapered edge, non vacuum, vinyl face |
| 127 mm (5 in.) tapered edge, non vacuum, hook face |
| 127 mm (5 in.) low profile, vacuum, 6 holes, hook |
| 127 mm (5 in.) low profile, vacuum, 6 holes, J-hook face |
| 127 mm (5 in.) low profile, vacuum, vinyl face |
| 127 mm (5 in.) low profile, vacuum, hook face |
| 127 mm (5 in.) tapered edge, vacuum, vinyl face |
| 127 mm (5 in.) tapered edge, vacuum, hook face |
| 127 mm (5 in.) low profile, screen vacuum, J-hook face |
| 150 mm (6 in.) low profile, non vacuum, vinyl face |
| 150 mm (6 in.) low profile, non vacuum, hook face |
| 150 mm (6 in.) low profile, non vacuum, J-hook face |
| 150 mm (6 in.) tapered edge, non vacuum, vinyl face |
| 150 mm (6 in.) tapered edge, non vacuum, hook face |
| 150 mm (6 in.) low profile, vacuum, vinyl face |
| 150 mm (6 in.) low profile, vacuum, hook face |
| 150 mm (6 in.) tapered edge, vacuum, vinyl face |
| 150 mm (6 in.) tapered edge, vacuum, hook face |