

Data Sheet



HST 555 Multihole backing pad for random orbital sanders



Virtually dust-free sanding with the Klingspor multi-hole backing pad HST 555 for random orbital sander from different manufacturers

The different grinding methods used in industry and trade are tailored to the particular application. For example, belt sanding machines are used for grinding with high material removal rates and also for deburring metal and cast parts. Angle grinders for high-speed grinding and grinding disc are used in cases where aggressive grinding takes place, for example, when removing metal or when working on welds and weld seams. **Random orbital sanders** are devices that are most commonly used for tasks requiring a more refined finishing such as surfaces finishing. Professional **random orbital sanders** feature a hole pattern in the backing pad. These holes are used to either allow an external extraction system or an active extraction unit built into the device to extract the dust from the abrasive disc. The benefits arising from this design are immediately apparent in the fact that

- the workstation is kept clean and that
- the air in the room is kept free from dust and particles.

Multihole backing pad HST 555 by Klingspor – the perfect match with all standard abrasive discs and their hole patterns

Sanding with random orbital sanders offers a host of advantages. Random orbital sanders are machine that can be used dust free and operated with great ease. The combination of the oscillation of the backing pad with its rotation produces a swirl free finish. What is more, the extraction option keeps the workstation and the air clear from dust. Changing the abrasive discs can be done by hand and does not require any tools, as the abrasive is kept in place on the backing pad by means of a hook and loop fastener. The hole pattern Klingspor has selected for the **multihole backing pad HST 555** ensures compatibility with the hole pattern most commonly found in the market. The backing pad itself is screwed to the sander by means of an M8 or 5/16" thread. Thus, the Klingspor backing pad **HST 555** fits all standard devices with this thread and a support for 150 mm diameter abrasive discs. The **HST 555** is available in three hardness's: **soft, medium and hard**. The **HST 555** has a fine, heat resistant self fastening pad. This support ensures that abrasive discs with velour hook and loop surface will be affixed to the backing pad firmly and securely. As a result, safe working and easy handling form a perfect system.

Diameter in mm	Suitable for	Density	Hole pattern	Max. RPM in rpm	Cat.number
150	thread M8/ 5/16"	soft	multi hole	12.000	320488
150	thread M8/ 5/16"	medium	multi hole	10.200	320489
150	thread M8/ 5/16"	hard	multi hole	12.000	320587