

Figure S3. Precision-Recall curves (left) and ROC curves (right) for *PatchCore*, variants and comparable methods SPADE [10] and PaDiM [14]. Different colors in the lines correspond to difference MVTec classes.

Table S5. Low-Shot Anomaly Detection Performance on MVTec [5], as measured on AUROC.

| \downarrow Method \Shots \rightarrow | 1 | 2 | 5 | 10 | 16 | 20 | 50 |
|--|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Retained % | 0.4 | 0.8 | 2.1 | 4.1 | 6.6 | 8.3 | 21 |
| Image-level AUROC | | | | | | | |
| SPADE | $ 71.6 \pm 0.7$ | 73.4 ± 1.3 | 75.2 ± 1.5 | 77.5 ± 1.1 | 78.9 ± 0.9 | 79.6 ± 0.8 | 81.1 ± 0.4 |
| PaDiM | 76.1 ± 0.4 | 78.9 ± 0.6 | 81.0 ± 0.2 | 83.2 ± 0.7 | 85.5 ± 0.6 | 86.5 ± 0.3 | 90.1 ± 0.3 |
| DifferNet | - | - | - | - | 87.3 | - | - |
| PatchCore-10 | 83.4 ± 0.6 | 86.4 ± 0.9 | 90.8 ± 0.8 | 93.6 ± 0.6 | 95.4 ± 0.7 | 95.8 ± 0.6 | 97.5 ± 0.3 |
| PatchCore-25 | 84.1 ± 0.7 | 87.2 ± 1.0 | 91.0 ± 0.9 | 93.8 ± 0.5 | 95.5 ± 0.6 | 95.9 ± 0.6 | 97.7 ± 0.4 |
| PIXEL-LEVEL AUROC | | | | | | | |
| SPADE | 91.9 ± 0.3 | 93.1 ± 0.2 | 94.5 ± 0.1 | 95.4 ± 0.1 | 95.7 ± 0.2 | 95.7 ± 0.2 | 96.2 ± 0.0 |
| PaDiM | 88.2 ± 0.3 | 90.5 ± 0.2 | 92.5 ± 0.1 | 93.9 ± 0.1 | 94.8 ± 0.1 | 95.1 ± 0.1 | 96.3 ± 0.0 |
| PatchCore-10 | 92.0 ± 0.2 | 93.1 ± 0.2 | 94.8 ± 0.1 | 96.2 ± 0.1 | 96.8 ± 0.3 | 96.9 ± 0.3 | 97.8 ± 0.0 |
| PatchCore-25 | 92.4 ± 0.3 | 93.3 ± 0.2 | 94.8 ± 0.1 | 96.1 ± 0.1 | 96.8 ± 0.3 | 96.9 ± 0.3 | 97.7 ± 0.0 |
| PRO METRIC | | | | | | | |
| SPADE | 83.5 ± 0.4 | 85.8 ± 0.1 | 88.3 ± 0.2 | 89.6 ± 0.1 | 90.1 ± 0.2 | 90.1 ± 0.3 | 90.8 ± 0.1 |
| PaDiM | 72.4 ± 1.2 | 77.8 ± 0.7 | 82.7 ± 0.2 | 85.9 ± 0.2 | 87.5 ± 0.2 | 88.2 ± 0.2 | 90.4 ± 0.1 |
| PatchCore-10 | 82.4 ± 0.3 | 85.1 ± 0.3 | 88.7 ± 0.2 | 90.9 ± 0.1 | 91.8 ± 0.2 | 92.0 ± 0.2 | 93.0 ± 0.1 |
| PatchCore-25 | 83.7 ± 0.5 | 86.0 ± 0.3 | 88.8 ± 0.2 | 90.9 ± 0.1 | 91.7 ± 0.1 | 91.9 ± 0.2 | 92.8 ± 0.0 |