

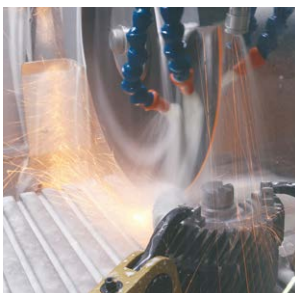
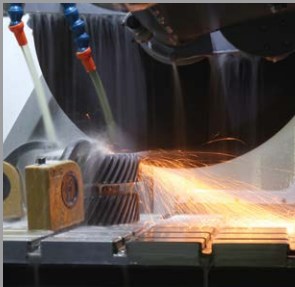
CUTTING

ABRASIVE CUT-OFF WHEELS

The most commonly used abrasives for the cutting of different materials are SiC and Al₂O₃

Silicon carbide is suitable for non-ferrous metals whereas aluminum oxide is preferred for ferrous metals. Hard wheels are used for cutting soft materials while soft wheels are recommended for cutting harder materials.

Metkon TRENO type wheels are used to obtain superior cut surfaces. Metkon CUTO series wheels are suitable for routine laboratory applications requiring a balance between wheel life and performance.



TRENO⁺ Plus

Series Abrasive Cut-off Wheels for use with METACUT & SERVOCUT

| Order No | Code | Diameter mm. | Arbor mm. | Thickness mm. | Abrasive Type | Recommended for Cutting | Quantities Per Pack |
|----------|----------|--------------|-----------|---------------|--------------------------------|--|---------------------|
| 19-019/S | TRENO-Ti | 250 | 32 | 1.6 | SiC | Titanium and Very Ductile Materials | 10 |
| 19-020/S | TRENO-NF | 250 | 32 | 1.6 | SiC | Non-ferrous materials | 10 |
| 19-021/S | TRENO-H | 250 | 32 | 1.6 | Al ₂ O ₃ | Soft Steels and ferrous materials <23 HRC | 10 |
| 19-022/S | TRENO-M | 250 | 32 | 1.6 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35 HRC< | 10 |
| 19-023/S | TRENO-S | 250 | 32 | 1.6 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-024/S | TRENO-SS | 250 | 32 | 1.6 | Al ₂ O ₃ | Very Hard Steels and ferrous materials >55-70 HRC | 10 |
| 19-040/S | TRENO-NF | 300 | 32 | 2 | SiC | Non-ferrous materials | 10 |
| 19-041/S | TRENO-H | 300 | 32 | 2 | Al ₂ O ₃ | Soft Steels and ferrous materials <23 HRC | 10 |
| 19-042/S | TRENO-M | 300 | 32 | 2 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35 HRC< | 10 |
| 19-043/S | TRENO-S | 300 | 32 | 2 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-044/S | TRENO-SS | 300 | 32 | 2 | Al ₂ O ₃ | Very Hard Steels and ferrous materials >55-70 HRC | 10 |
| 19-060/S | TRENO-NF | 350 | 32 | 2.4 | SiC | Non-ferrous materials | 10 |
| 19-062/S | TRENO-M | 350 | 32 | 2.4 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35 HRC< | 10 |
| 19-063/S | TRENO-S | 350 | 32 | 2.4 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-064/S | TRENO-SS | 350 | 32 | 2.4 | Al ₂ O ₃ | Very Hard Steels and ferrous materials >55-70 HRC | 10 |
| 19-070/S | TRENO-NF | 400 | 32 | 3 | SiC | Non-ferrous materials | 10 |
| 19-072/S | TRENO-M | 400 | 32 | 3 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35HRC< | 10 |
| 19-073/S | TRENO-S | 400 | 32 | 3 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-074/S | TRENO-SS | 400 | 32 | 3 | Al ₂ O ₃ | Very Hard Steels and ferrous materials >55-70 HRC | 10 |
| 19-082/S | TRENO-M | 432 | 32 | 3 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35 HRC< | 10 |
| 19-083/S | TRENO-S | 432 | 32 | 3 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-090/S | TRENO-NF | 500 | 32 | 3.8 | SiC | Non-ferrous materials | 10 |
| 19-092/S | TRENO-M | 500 | 32 | 3.8 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials >20-35 HRC< | 10 |
| 19-093/S | TRENO-S | 500 | 32 | 3.8 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 10 |
| 19-097/S | TRENO-M | 600 | 32 | 5 | Al ₂ O ₃ | Medium Hard Steels and ferrous materials > 20-35 HRC < | 5 |
| 19-098/S | TRENO-S | 600 | 32 | 5 | Al ₂ O ₃ | Hard Steels and ferrous materials >35-55 HRC | 5 |

TRENO-DUR

Extremely Long Life Abrasive Cut-off Wheels for use with METACUT & SERVOCUT

| Order No | Code | Diameter mm. | Arbor mm. | Thickness mm. | Recommended for Cutting | Quantities Per Pack |
|----------|-----------|--------------|-----------|---------------|--|---------------------|
| 19-026 | TRENO-DUR | 250 | 32 | 1.5 | Extremely Low Consumption Rate with Optimum Surface Quality for High Volume Cutting Operations, Cut-Check Applications, etc... | 10 |

TRENO-T

Ultra Thin Abrasive Cut-off Wheels for use with METACUT & SERVOCUT

| Order No | Code | Diameter mm. | Arbor mm. | Thickness mm. | Recommended for Cutting | Quantities Per Pack |
|----------|----------|--------------|-----------|---------------|---|---------------------|
| 19-031 | TRENO-HT | 250 | 32 | 1.0 | Soft Steel and ferrous materials >20-35 HRC< | 10 |
| 19-032 | TRENO-MT | 250 | 32 | 1.0 | Medium Hard Steels and ferrous materials >38-58HRC< | 10 |

CUTO

Series Abrasive Cut-off Wheels for use with METACUT & SERVOCUT

| Order No | Code | Diameter mm. | Arbor mm. | Thickness mm. | Recommended for Cutting | Quantities Per Pack |
|----------|--------|--------------|-----------|---------------|--|---------------------|
| 19-022/A | CUTO-M | 250 | 32 | 1.5 | Medium Hard Steels and ferrous materials >23-50 HRC< | 10 |
| 19-023/A | CUTO-S | 250 | 32 | 1.5 | Hard Steels and ferrous materials>50-60 HRC | 10 |
| 19-042/A | CUTO-M | 300 | 32 | 2 | Medium Hard Steels and ferrous materials >23-50 HRC< | 10 |
| 19-043/A | CUTO-S | 300 | 32 | 2 | Hard Steels and ferrous materials>50-60 HRC | 10 |

TRENO-P

Abrasive Cutting Discs for use with MICRACUT Precision Cutters

| Order No | Code | Diameter mm. | Arbor mm. | Thickness mm. | Recommended for Cutting | Quantities Per Pack |
|----------|----------|--------------|-----------|---------------|--|---------------------|
| 18-150/S | TRENO-HP | 150 | 12.7 | 0.8 | Non-ferrous materials & stainless steels | 10 |
| 18-151/S | TRENO-MP | 150 | 12.7 | 0.8 | Medium Hard & hardened Steels & ferrous materials>35-55 HRC< | 10 |
| 18-200/S | TRENO-HP | 200 | 12.7 | 1 | Non-ferrous materials & stainless steels | 10 |
| 18-201/S | TRENO-MP | 200 | 12.7 | 1 | Medium Hard & hardened Steels & ferrous materials>35-55 HRC< | 10 |

*All cut-off wheels are resin bonded.