

EXTEC sample preparation Cut-Off Wheels are available in 6" (152 mm), 7" (178 mm), 9" (229 mm), 10" (250 mm), 12" (300 mm), 14" (350 mm), 16" (400 mm), 17" (432 mm) and 18" (455 mm) diameters and are engineered to provide the best possible burr free materials sectioning. Aluminum Oxide (Al₂O₃) abrasives are suggested for sectioning hard, medium, and soft metals, ferrous alloys, and tool steels. Silicon Carbide (SiC) is preferred for the following: medium and soft non-ferrous metals; hard non-metallics; composites; titanium alloys and ceramics. For best results use EXTEC Soluble Fluid, a crisp, blue-green coolant with high heat transfer properties. It is non-foaming, clean cutting and designed to discourage bacteria growth.



For high speed precision sectioning, see EXTEC PRECISION SERIES Cut-Off Wheels on page 6.

CATALOG NUMBER	DESCRIPTION	UNIT
10350	EXTEC Soluble Fluid for Recirculating Cooling Systems	qt (0.95 l)
10370	EXTEC Soluble Fluid for Recirculating Cooling Systems	gal (3.8 l)
10371	EXTEC Soluble Fluid for Recirculating Cooling Systems	5 gal (19 l)
10390	EXTEC Dressing Stick for Abrasive Cut-Off Wheels	Each
6" (152 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 6" Diameter x 0.020" Thickness x 1/2" Arbor (152 mm x 0.5 mm x 12.7 mm)		
10364	for Tool Steel or Stainless Steel General Purpose	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 6" Diameter x 0.020" Thickness x 1/2" Arbor (152 mm x 0.5 mm x 12.7 mm)		
10365	for Non-Metallic or Non-Ferrous Materials	Pkg/10
7" (178 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 7" Diameter x 0.030" Thickness x 1/2" Arbor (178 mm x 0.8 mm x 12.7 mm)		
10372	for Tool Steel or Stainless Steel General Purpose	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 7" Diameter x 0.030" Thickness x 1/2" Arbor (178 mm x 0.8 mm x 12.7 mm)		
10376	for Non-Metallic or Non-Ferrous Materials	Pkg/10
9" (229 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 9" Diameter x 0.070" Thickness x 1 1/4" Arbor (229 mm x 1.8 mm x 32 mm)		
10410	for Tool Steel RC 60+ Hardness	Pkg/10
10415	for Hardness RC 50-60	Pkg/10
10420	for Medium Hardness RC 35-50	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 9" Diameter x 0.063" Thickness x 1 1/4" Arbor (229 mm x 1.6 mm x 32 mm)		
10425	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 9" Diameter x 0.032" Thickness x 1 1/4" Arbor (229 mm x 0.8 mm x 32 mm)		
10430	for Delicate Cutting (Thin Blade)	Pkg/10

CATALOG NUMBER	DESCRIPTION	UNIT
10" (250 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 250 mm Diameter x 1.9 mm Thickness x 32 mm Arbor (≅ 10" x 0.075" x ≅ 1 1/4")		
10490	for Tool Steel RC 60+ Hardness	Pkg/10
10495	for Hardness RC 50-60	Pkg/10
10500	for Medium Hardness RC 35-50	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 250 mm Diameter x 1.6 mm Thickness x 32 mm Arbor (≅ 10" x 0.063" x ≅ 1 1/4")		
10505	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 250 mm Diameter x 1.0 mm Thickness x 32 mm Arbor (≅ 10" x 0.040" x ≅ 1 1/4")		
10510	for Delicate Cutting General Purpose (Thin Blade)	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 250 mm Diameter x 1.6 mm Thickness x 32 mm Arbor (≅ 10" x 0.063" x ≅ 1 1/4")		
10530	for Hard Non-Metallic Materials	Pkg/10
10535	for Medium Hard Non-Ferrous Materials	Pkg/10
10540	for Soft Non-Ferrous Materials	Pkg/10
12" (300 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 300 mm Diameter x 2.5 mm Thickness x 32 mm Arbor (≅ 12" x 0.100" x ≅ 1 1/4")		
10560	for Tool Steel RC 60+ Hardness	Pkg/10
10565	for Hardness RC 50-60	Pkg/10
10570	for Medium Hardness RC 35-50	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 300 mm Diameter x 1.6 mm Thickness x 32 mm Arbor (≅ 12" x 0.063" x ≅ 1 1/4")		
10575	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 300 mm Diameter x 1.1 mm Thickness x 32 mm Arbor (≅ 12" x 0.045" x ≅ 1 1/4")		
10590	for Delicate Cutting (Thin Blade)	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 300 mm Diameter x 2.5 mm Thickness x 35 mm Arbor (≅ 12" x 0.100" x ≅ 1 3/8")		
10550	for Tough Super Alloys and Ferrous Alloys above RC 50	Pkg/10
10555	for Ferrous Alloys below RC 50	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 300 mm Diameter x 2.5 mm Thickness x 35 mm Arbor (≅ 12" x 0.100" x ≅ 1 3/8")		
10558	for Non-Ferrous Alloys	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 300 mm Diameter x 1.8 mm Thickness x 32 mm Arbor (≅ 12" x 0.070" x ≅ 1 1/4")		
10600	for Hard Non-Metallic Materials	Pkg/10
10605	for Medium Hardness Non-Ferrous Materials	Pkg/10
10610	for Soft Non-Ferrous Metals	Pkg/10

CATALOG NUMBER	DESCRIPTION	UNIT
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 350 mm Diameter x 2.5 mm Thickness x 32 mm Arbor (≅ 14" x 0.100" x ≅ 1 1/4")		
10620	for Tool Steel RC 60+ Hardness	Pkg/10
10625	or Hardness RC 50-60	Pkg/10
10640	for Medium Hardness RC 35-50	Pkg/10
10641	for Soft or Annealed Steel RC 15-35	Pkg/10
14" (350 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 350 mm Diameter x 1.6 mm Thickness x 32 mm Arbor (≅ 14" x 0.063" x ≅ 1 1/4")		
10615	for Delicate Cutting General Purpose (Thin Blade)	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 350 mm Diameter x 2.5 mm Thickness x 32 mm Arbor (@ 14" x 0.100" x @ 1 1/4")		
10650	for Hard Non-Metallic Materials	Pkg/10
10655	for Medium Hard Non-Ferrous Materials	Pkg/10
10660	for Soft Non-Ferrous Materials	Pkg/10
16" (400 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 16" Diameter x 0.120" x ≅ 1 1/4" Arbor (≅ 400 mm x 3.0 mm x 32 mm)		
10668	for Tool Steel RC 60+ Hardness	Pkg/10
10670	for Hardness RC 50-60	Pkg/10
10675	for Medium Hardness RC 35-50	Pkg/10
10680	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 16" Diameter x .063" Thickness x ≅ 1 1/4" Arbor (≅ 400 mm x 1.6 mm x 32 mm)		
10685	for Delicate Cutting General Purpose (Thin Blade)	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 16" Diameter x .90" Thickness x ≅ 1 1/4" Arbor (≅ 400 mm x 2.3 mm x 32 mm)		
10688	for Hard Non-Metallic Materials	Pkg/10
10690	for Medium Hardness Non-Ferrous Materials	Pkg/10
10695	for Soft Non-Ferrous Materials	Pkg/10

CATALOG NUMBER	DESCRIPTION	UNIT
17" (432 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 17" Diameter x 1.30" Thickness x \cong 1 1/4" Arbor (\cong 432mm x 3.5 mm x 32 mm)		
10700	for Tool Steel RC 60+ Hardness	Pkg/10
10705	for Hardness RC 50-60	Pkg/10
10710	for Medium Hardness RC 35-50	Pkg/10
10715	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 17" Diameter x 0.70" Thickness x \cong 1 1/4" Arbor (\cong 432mm x 1.8 mm x 32 mm)		
10720	for Delicate Cutting General Purpose (Thin Blade)	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 17" Diameter x 0.100" Thickness x \cong 1 1/4" Arbor (\cong 432mm x 2.5 mm x 32 mm)		
10725	for Hard Non-Metallic Materials	Pkg/10
10730	for Medium Hardness Non-Ferrous Materials	Pkg/10
10735	for Soft Non-Ferrous Materials	Pkg/10
18" (455 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 18" Diameter x 0.140" Thickness x \cong 1 1/4" Arbor (\cong 455 mm x 3.6 mm x 32 mm)		
10800	for Tool Steel RC 60+ Hardness	Pkg/10
10805	for Hardness RC 50-60	Pkg/10
10810	for Medium Hardness RC 35-50	Pkg/10
10815	for Soft or Annealed Steel RC 15-35 RB 46-90	Pkg/10
EXTEC Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 18" Diameter x 0.75" Thickness x \cong 1 1/4" Arbor (\cong 455 mm x 1.9 mm x 32 mm)		
10820	for Delicate Cutting General Purpose (Thin Blade)	Pkg/10
EXTEC Silicon Carbide (SiC) Abrasive Cut-Off Wheels 18" Diameter x 0.105" Thickness x \cong 1 1/4" Arbor (\cong 455 mm x 2.7 mm x 32 mm)		
10825	for Hard Non-Metallic Materials	Pkg/10
10830	for Medium Hardness Non-Ferrous Materials	Pkg/10
10835	for Soft Non-Ferrous Materials	Pkg/10

The above Abrasive Cut-Off Wheels can be ordered for Orbital and Chop Abrasive Cut-Off Machines. To order, specify part number and Cut-Off Machine. (e.g. 10830-ORB or 10830-CH)

EXTEC PRECISION SERIES Sample Preparation Cut-Off Wheels Rubber Bonded are engineered for high speed precision sectioning. Available in 5" (127 mm), 6" (152 mm), 7" (178 mm) and 8" (203 mm) diameters in Aluminum Oxide for hard and medium-soft ferrous materials; Silicon Carbide for non-ferrous materials.

CATALOG NUMBER	DESCRIPTION	UNIT
5" (127 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC PRECISION Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 5" Diameter x 0.19" Thickness x 1/2" Arbor (127 mm x \approx 0.5 mm x 12.7 mm)		
10502	Hard Ferrous	Pkg/10
10508	Med-Soft Ferrous	Pkg/10
EXTEC PRECISION Silicon Carbide (SiC) Abrasive Cut-Off Wheels 5" Diameter x 0.19" Thickness x 1/2" Arbor (127 mm x \approx 0.5 mm x 12.7 mm)		
10512	Non-Ferrous	Pkg/10
6" (152 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC PRECISION Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 6" Diameter x 0.19" Thickness x 1/2" Arbor (152 mm x \approx 0.5 mm x 12.7 mm)		
10602	Hard Ferrous	Pkg/10
10608	Med-Soft Ferrous	Pkg/10
EXTEC PRECISION Silicon Carbide (SiC) Abrasive Cut-Off Wheels 6" Diameter x 0.19" Thickness x 1/2" Arbor (152 mm x \approx 0.5 mm x 12.7 mm)		
10612	Non-Ferrous	Pkg/10
7" (178 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC PRECISION Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 7" Diameter x 0.030" Thickness x 1/2" Arbor (178 mm x \approx 0.8 mm x 12.7 mm)		
10702	Hard Ferrous	Pkg/10
10708	Med-Soft Ferrous	Pkg/10
EXTEC PRECISION Silicon Carbide (SiC) Abrasive Cut-Off Wheels 7" Diameter x 0.030" Thickness x 1/2" Arbor (178 mm x \approx 0.8 mm x 12.7 mm)		
10712	Non-Ferrous	Pkg/10
8" (203 mm) Diameter Abrasive Cut-Off Wheels		
EXTEC PRECISION Aluminum Oxide (Al₂O₃) Abrasive Cut-Off Wheels 8" Diameter x 0.030" Thickness x 1/2" Arbor (203 mm x \approx 0.8 mm x 12.7 mm)		
10802	Hard Ferrous	Pkg/10
10808	Med-Soft Ferrous	Pkg/10
EXTEC PRECISION Silicon Carbide (SiC) Abrasive Cut-Off Wheels 8" Diameter x 0.030" Thickness x 1/2" Arbor (203 mm x \approx 0.8 mm x 12.7 mm)		
10812	Non-Ferrous	Pkg/10