

U[®] A **UNITED**
ABRASIVES
SAIT

.045"
Thin Cut-Off Wheels

INDUSTRIAL GRADE



AMERICAN MADE



Check Out Our NEW Website
www.UnitedAbrasives.com

New .045" Video
Now Available on



METAL CUT-OFF WHEELS

GENERAL PURPOSE

A60S

- Special aluminum oxide grain
- Extremely fast burr-free cutting with long life
- Exceptional performance

METAL Ferrous and/or non-ferrous metals (iron, steel, welds, etc)



HIGH PERFORMANCE

Z-Tech

- Special zirconium grain formula
- Hard bond for extremely long life
- Fast, burr-free cutting

METAL Ferrous and/or non-ferrous metals (iron, steel, welds, etc)

STAINLESS Stainless steel, high tensile alloys



PREMIUM PERFORMANCE

The Ultimate Ceramic™

- Premium ceramic aluminum oxide grain
- Exceptionally long lasting on carbon steel, stainless steel, and hard to grind alloys
- Maximizes productivity on **METAL & STAINLESS**



THIN METAL

SAIT.M.X.™

- Special bond for cutting sheet metal and other thin gauge metals
- Fast, burr-free cutting

METAL Ferrous metals (carbon steel, etc)

STAINLESS Stainless steel



STAINLESS STEEL CUT-OFF WHEELS

HIGH PERFORMANCE

Saitech™

- High performance, ceramic aluminum oxide grain
- Very uniform, high density grain structure is extremely durable and self sharpening for long life and cooler cut
- Fast cutting with extremely long life

STAINLESS Stainless steel, high tensile alloys

METAL Ferrous metals (iron, steel, welds, etc)



PREMIUM PERFORMANCE

The Ultimate Cut™

- Best in class – cutting a wide range of **STAINLESS** thin & thick gauge, flat stock, bar stock, square tubing, etc.
- Exceptional cutting performance on **METAL** & **ALUMINUM**



ALUMINUM CUT-OFF WHEELS

NON-FERROUS METALS

A46N - Aluminum (Non-Ferrous Metals)

- Aluminum oxide grain
- Soft bond for aggressive cutting without loading
- Excels on aluminum applications

ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc.)



CONTAMINANT FREE CUT-OFF WHEELS

contaminant **cf** free

XA46R

- Specially formulated for nuclear and food processing plants
- Free of iron, chlorine and sulphur compounds (Fe + Cl + S < 0.1%)
- All wheels are 1/16" thick

STAINLESS Stainless steel & other high tensile alloys



.045" Thin Cut-Off Wheels CHEAT SHEET & PART NUMBERS

.045" MATERIAL CHEAT SHEET (Primary use in **BOLD**)

.045" Cut-Offs	METAL	STAINLESS	ALUMINUM
A60S	GENERAL PURPOSE	General Purpose	General Purpose
Z-TECH	HIGH PERFORMANCE	High Performance	—
Ultimate Ceramic™	PREMIUM PERFORMANCE	Premium Performance	—
SAIT.M.X.™	THIN METALS	Thin Metals	—
Saitech™	High Performance	HIGH PERFORMANCE	—
Ultimate Cut™	Premium Performance	PREMIUM PERFORMANCE	Premium Performance
A46N	—	—	EXCELS ON ALUMINUM
XA46R (1/16")	—	CONTAMINANT FREE	—

METAL

Size	A60S		Z-Tech		Ultimate Ceramic™		SAIT.M.X.™
	T 1/41	T 27/42	T 1/41	T 27/42	T 1/41	T 27/42	T 1/41
4 x 5/8	23099	22011	23323	—	—	—	—
4-1/2 x 7/8	23101	22021	23324	23334	22480	22470	23604
4-1/2 x 5/8-11	—	23318	—	23322	—	22570	—
5 x 7/8	23103	22071	23325	23335	22481	22471	23605
5 x 5/8-11	—	23305	—	23309	—	22571	—
6 x 5/8	23105	—	—	—	—	—	—
6 x 7/8	23106	22047	23327	23336	22482	22472	23606
7 x 7/8	23107	22053	23328	23337	—	—	—

STAINLESS

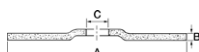
ALUMINUM



Size	Saitech™		Ultimate Cut™		A46N		XA46R
	T 1/41	T 27/42	T 1/41	T 27/42	T 1/41	T 27/42	T 1/41
4 x 5/8	23172	22068	—	—	—	—	—
4-1/2 x 7/8	23174	22072	22230	22380	23314	22345	24251*
4-1/2 x 5/8-11	—	23319	—	23321	—	23320	—
5 x 7/8	23177	22073	22235	22385	—	22350	24252*
5 x 5/8-11	—	23306	—	23308	—	23307	—
6 x 5/8	23181	—	—	—	—	—	—
6 x 7/8	23182	22082	22240	22390	23316	22360	24253*
7 x 7/8	23184	22088	—	—	—	22370	24254*



Type 1 / 41



Type 27 / 42

* 1/16 width