

U[®] A **UNITED**
ABRASIVES
SAIT[®]



High Performance
Grinding Wheels

AMERICAN MADE



INDUSTRIAL GRADE



www.UnitedAbrasives.com

METAL GRINDING WHEELS



FAST GRINDING A24N

- Aluminum oxide grain
- Soft bond for **fast stock removal**

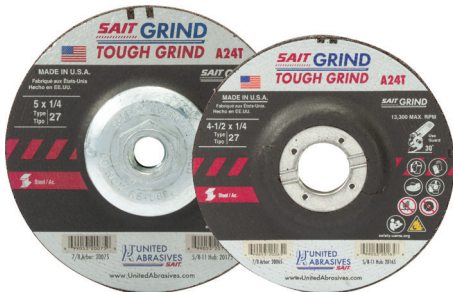
METAL Ferrous metals (iron, steel, welds, etc.)
STAINLESS Low grade stainless steel



LONG LIFE A24R

- Aluminum oxide grain - our most popular wheel
- For general purpose grinding
- **Longer life** for fewer wheel changes

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



TOUGH GRIND A24T

- Aluminum oxide grain
- Hard bond designed for **edge and bevel grinding** and other applications where a harder wheel is preferred
- **Longer life** for fewer wheel changes

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



HIGH PERFORMANCE SAIT Z-Tech™ - Z24R

- Tough zirconium grain
- **High performance grinding for the toughest applications**

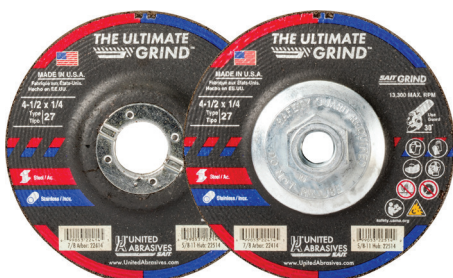
METAL Ferrous metals (iron, steel, welds, etc.)
STAINLESS Stainless steel, high tensile alloys



EXTREMELY FAST GRINDING THE ULTIMATE GRIND™ CERAMIC

- Our best choice for maximum stock removal
- Premium high ratio ceramic grain for increased efficiency and performance

METAL Ferrous metals (iron, steel, welds, etc.)
STAINLESS Stainless steel, high tensile alloys



PREMIUM PERFORMANCE The Ultimate Grind™

- Proprietary grain and bond system
- **High performance for severe edge grinding**

METAL Ferrous metals (iron, steel, welds, etc.)
STAINLESS Stainless steel, high tensile alloys

— PART NUMBER CHART ON BACK PAGE —

STAINLESS STEEL GRINDING WHEELS



FAST GRINDING

Saitech Attacker®

- Soft bond for extremely fast stock removal on hard metals with minimal pressure
- High performance, ceramic aluminum oxide grain
- Very uniform, high density grain structure for long life and cooler cut

STAINLESS Stainless steel and other high tensile alloys
METAL Ferrous metals (iron, steel, welds, etc.)



PREMIUM PERFORMANCE

Saitech Ultimate Performance™

- Hard bond for long life grinding with fast stock removal
- High performance, ceramic aluminum oxide grain
- Very uniform, high density grain structure for long life and cooler cut

STAINLESS Stainless steel and other high tensile alloys
METAL Ferrous metals (iron, steel, welds, etc.)



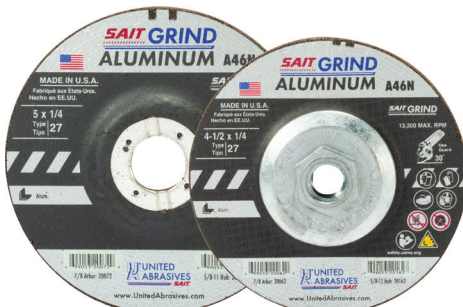
contaminant **cf** free

CONTAMINANT-FREE XA24Q

- Specially formulated for nuclear and food processing plants where the need for **contaminant-free stock removal on stainless steel** is a concern
- Free of iron, chlorine and sulphur compounds (Fe + Cl + S < 0.1%)

STAINLESS Stainless steel and other high tensile alloys
METAL Ferrous metals (iron, steel, welds, etc.)

ALUMINUM GRINDING WHEELS



NON-FERROUS METALS

A46N - Aluminum

- Aluminum oxide grain
- Soft bond for aggressive removal of material without loading
- Outlasts competition by as much as 40%

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

CONCRETE GRINDING WHEELS



CONCRETE

C24N

- Silicon carbide grain
- Soft bond for fast stock removal

CONCRETE Masonry, concrete, stone
METAL Cast iron and other ferrous metals, carbide

1/4" GRINDING WHEELS CHEAT SHEET & PART NUMBERS

1/4" MATERIAL CHEAT SHEET (Primary use in **BOLD**)

1/4" Grinding Wheels	METAL	STAINLESS	ALUMINUM	CONCRETE
A24N	FAST GRINDING	Fast Grinding	—	—
A24R	LONG LIFE	—	—	—
A24T	TOUGH GRIND	—	—	—
Z-Tech	HIGH PERFORMANCE	High Performance	—	—
The Ultimate Grind™ Ceramic	PREMIUM PERFORMANCE	Premium Performance	—	—
The Ultimate Grind™	PREMIUM PERFORMANCE	Premium Performance	—	—
Saitech Attacker®	Fast Grinding	FAST GRINDING	—	—
Saitech Ultimate Performance™	Premium Performance	PREMIUM PERFORMANCE	—	—
XA24Q (1/16")	—	CONTAMINANT FREE	—	—
A46N	—	—	EXCELS ON ALUMINUM	—
C24N	Fast Grinding	—	—	FAST GRINDING

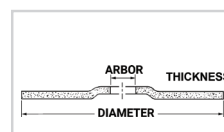
PART NUMBER REFERENCE

Size (dia. x width x bore)	A24N	A24R	A24T	SAIT Z-Tech™	Ult. Grind™ Ceramic	Ultimate Grind™	Saitech Attacker®	Saitech UP™	XA24Q	A46N	C24N
3" x 1/4" x 3/8"	20002	—	—	—	—	—	—	—	—	—	—
4" x 1/4" x 3/8"	20012	—	—	—	—	—	—	20112	—	—	—
4" x 1/4" x 5/8"	20015	20013	—	22599	—	—	—	20014	—	20018	—
4-1/2" x 3/16" x 7/8"	20050	—	—	—	—	—	—	—	—	—	—
4-1/2" x 3/16" x 5/8-11	20150	—	—	—	—	—	—	—	—	—	—
4-1/2" x 1/4" x 7/8"	20060	20063	20065	22600	20204	22414	20046	20064	24210	20062	20061
4-1/2" x 1/4" x 5/8-11	20160	20163	20165	22610	20214	22514	20146	20164	—	20162	20161
5" x 1/4" x 7/8"	20070	20073	20075	22602	20205	22415	20047	20074	24215	20072	20071
5" x 1/4" x 5/8-11	20170	20173	20175	22612	20215	22515	20147	20174	—	20172	20171
6" x 1/4" x 7/8"	20078	20079	20280	22603	20206	22416	—	—	24220	23360	—
6" x 1/4" x 5/8-11	20178	20076	20180	22613	20216	22516	—	—	—	23365	—
7" x 1/4" x 7/8"	20081	20080	20285	22604	20207	22417	20048	20084	24225	20083	20082
7" x 1/4" x 5/8-11	20085	20086	20185	22614	20217	22517	20148	20089	—	20088	20087
9" x 1/4" x 7/8"	20091	20090	20295	22606	20209	22419	20049	20094	24230	—	20092
9" x 1/4" x 5/8-11	20095	20096	20195	22616	20219	22519	20149	20099	—	—	20097

COLOR CODING REFERENCE

METAL	STAINLESS	ALUMINUM	CONCRETE
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XA24Q contaminant  free



Type 27



5/8-11
Super-Lock™ Hub



Angle Grinder