

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



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



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 METAL Stainless steel and other high tensile alloys
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 METAL Masonry, concrete, stone
Cast iron and other ferrous metals, carbide

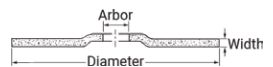
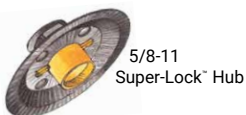
1/4" GRINDING WHEELS CHEAT SHEET & PART NUMBERS

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™	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™	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	22414	20046	20064	24210	20062	20061
4-1/2" x 1/4" x 5/8-11	20160	20163	20165	22610	22514	20146	20164	—	20162	20161
5" x 1/4" x 7/8"	20070	20073	20075	22602	22415	20047	20074	24215	20072	20071
5" x 1/4" x 5/8-11	20170	20173	20175	22612	22515	20147	20174	—	20172	20171
6" x 1/4" x 7/8"	20078	20079	20280	22603	22416	—	—	24220	—	—
6" x 1/4" x 5/8-11	20178	20076	20180	22613	22516	—	—	—	—	—
7" x 1/4" x 7/8"	20081	20080	20285	22604	22417	20048	20084	24225	20083	20082
7" x 1/4" x 5/8-11	20085	20086	20185	22614	22517	20148	20089	—	20088	20087
9" x 1/4" x 7/8"	20091	20090	20295	22606	22419	20049	20094	24230	—	20092
9" x 1/4" x 5/8-11	20095	20096	20195	22616	22519	20149	20099	—	—	20097



Type 27

COLOR CODING REFERENCE

METAL	STAINLESS	ALUMINUM	CONCRETE
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XA24Q contaminant  free