

## CATEGORY DEFINITION

For consistent, quality performance in foundries, welding shops, fabrication facilities, steel mills and shipyards, Norton snagging wheels maximize your productivity. Used on horizontal/straight shaft grinders or right angle cup portable grinders.

**APPLICATIONS:** Removing flaws, cracks, gates, risers and parting lines, smoothing weld seams, cleaning castings, and rough beveling

**SIZE RANGE:** Type 01 Straight Wheels: 2-1/2" – 8" diameter  
Type 06 and 11 Cup Wheels: 4" – 6" diameter  
Cones and Plugs: Type 16, 17, 17R, 18 and 18R

**GRIT RANGE:** 14 – 24

**ABRASIVE TYPES:** Zirconia Alumina NZ, Zirconia Alumina/Aluminum Oxide Blend AZ, Zirconia Alumina/Silicon Carbide Blend AZC, Aluminum Oxide 57A, Aluminum Oxide/Silicon Carbide Blend 57AC, Silicon Carbide 37C



## MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

		BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
<b>Iron</b>	Gray	NorZon NZ14-R	Charger AZ14-R	Gemini 57A16-Q
	Ductile/Malleable	NorZon NZ14-R	Charger AZ14-R	Gemini 57A16-Q
	Dirty/Scale-covered		Charger AZC16-Q	Gemini 57AC16-Q
<b>Steel</b>	Carbon and Low Alloy	NorZon NZ16-Q	Charger AZ16-Q	Gemini 57A16-Q
	Stainless and High Alloy	NorZon NZ16-P	Charger AZ16-Q	Gemini 57A16-Q
<b>Aluminum, Copper, Brass, &amp; Bronze Alloys</b>			Charger AZC16-Q	Gemini 57AC16-Q

NOTE: GRADE, GRIT AND ABRASIVE TUNING MAY BE NECESSARY TO OBTAIN OPTIMUM PERFORMANCE

## CROSS REFERENCE GUIDE FOR TYPE 01, 06 AND 11

	TOTAL PERFORMANCE ←			INITIAL PRICE →		
	BEST NorZon NZ	BETTER Charger AZ	Charger AZC	GOOD Gemini 57A	Gemini 57AC	Gemini 37C
<b>Brilliant</b>	—	ZA16QB	—	A16QB	—	C16QB
<b>Bullard</b>	—	ZA16PB	—	A16R	AC16	C16P
<b>Camel</b>	—	—	—	A	CA	C
<b>Flexovit</b>	ZA16PB	—	—	A16QB	AC16QB	C16PB
<b>Gulf States</b>	Zirconium	—	—	A16	—	C16
<b>Pacific</b>	Z, Z-GPC	—	—	A	CA	—
<b>Pearl</b>	—	—	—	A16Q	—	C16-Q
<b>Pferd</b>	ZA 16 Q SG	—	—	A 16 Q SG	—	C 16 Q SG
<b>Sait</b>	—	Z16	—	A16, 20	CA16	C16
<b>Tyrolit</b>	—	—	—	A16PB	—	C16PB
<b>Walter</b>	—	—	—	A	—	C

## FEATURED PRODUCTS



### NORZON PLUS WHEELS, CONES AND PLUGS

BEST CHOICE FOR HEAVY-DUTY STOCK REMOVAL ON HIGH HORSEPOWER GRINDERS

#### FEATURES

- NZ (NorZon) – premium zirconia alumina grain

#### BENEFITS

- Engineered for high-powered machines
- 10X life, 50% faster grinding versus aluminum oxide



### CHARGER SNAGGING WHEELS, CONES AND PLUGS

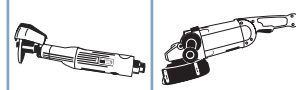
BETTER CHOICE FOR STOCK REMOVAL WITH MEDIUM TO LOW HORSEPOWER GRINDERS

#### FEATURES

- AZ – zirconia alumina/aluminum oxide blend
- AZC – zirconia alumina/silicon carbide blend

#### BENEFITS





- Fast, smooth grinding
- Up to 5X the life of aluminum oxide with better grinding action
- Use on dirty, scale-covered castings



AVAILABILITY

TIER:  
BRAND:  
TRADENAME:  
ABRASIVE:

		
<b>BEST</b>	<b>BETTER</b>	<b>GOOD</b>
Norton	Norton	Norton
<b>NORZON PLUS</b>	<b>CHARGER</b>	<b>GEMINI</b>
Zirconia Alumina	Zirconia Alumina/Aluminum Oxide AZ Zirconia Alumina/Silicon Carbide AZC	Aluminum Oxide 57A Silicon Carbide 37C Aluminum Oxide/Silicon Carbide 57AC

SIZE (D X T X H)	MAX. RPM	STD. PKG.	SPEC	PART NO.	SPEC	PART NO.	SPEC	PART NO.
<b>TYPE 01 STRAIGHT</b> 								
2-1/2 x 1/2 x 3/8	21,700	10					57A24-R	66243522381
3 x 1/4 x 3/8	20,370	10			AZ20-T	66243509999	57A24-T	66243528831
3 x 3/8 x 3/8	18,080	10					57A24-R	66243522415
3 x 1/2 x 3/8	18,080	10					57A24-P	66243522417
4 x 1/4 x 3/8	15,280	10			AZ20-T	66243510000	57A24-R	66243522221
6 x 1 x 5/8	8,000	5	NZ14-Q	66252838075	AZ14-R	66252809564*	57A16-QS	66252809563*
S Webs			NZ14-R	66252837961	AZC16-Q	66252837965		
8 x 3/4 x 5/8	6,000	10			AZ14-R	66253006674		
S Webs								
8 x 1 x 5/8	6,000	5	NZ16-O	66253030778	AZ14-R	66253006672*		
S Webs			NZ16-Q	66253044532	AZ14-T	66253006673*		
		10			AZC14-Q	66253030782		
					AZ16-Q	66253006670		
					AZC16-Q	66253006671		
<b>TYPE 06 STRAIGHT CUP</b> 								
6 x 2 x 5/8-11	6,000	5	NZ16-R	66252838577				
Rim 2" Back 3/4"								
<b>TYPE 11 FLARING CUP</b> 								
4/3 x 2 x 5/8-11	9,070	10	NZ16-Q	66243530761	AZ16-Q	66243509998	57A16-Q	66243510512
Rim 3/4" Back 3/4"								
5/3-3/4 x 2 x 5/8-11	7,260	10			AZ16-Q	66252809208	57A16-Q	66252809598
Rim 1" Back 3/4"								
6/4-3/4 x 2 x 5/8-11	6,000	5	NZ16-Q	66252838568	AZ16-P	66252825197	57A16-Q	66252825201
Rim 1" Back 3/4"			NZ16-R	66252838566				
6/4-3/4 x 2 x 5/8-11	6,000	5	NZ16-P	66252830765	AZ14-R	66252809211	37C16-P	66252809609
Rim 1-1/2" Back 3/4"					AZ16-Q	66252809209	57A16-Q	66252809618
					AZC16-Q	66252809210	57AC16-Q	66252809608
<b>TYPE 11 FLARING CUP WITH STEEL BACK</b> 								
4/3 x 2 x 5/8-11	9,070	10			AZ16-Q	66243527807		
Rim 3/4" Back 3/4"								
5/3-13/16 x 2 x 5/8-11	7,260	10			AZ16-Q	66252823518		
Rim 1" Back 3/4"								
6/4-13/16 x 2 x 5/8-11	6,000	5			AZ14-R	66252809213	57A16-Q	66252809599
Rim 1-1/2" Back 3/4"					AZ16-Q	66252809212	57AC16-Q	66252809600
					AZC16-Q	66252825195		

\*STD. PKG. = 10



AVAILABILITY



TIER:  
BRAND:  
TRADENAME:  
ABRASIVE:

**BEST**

Norton

**NORZON PLUS**

Zirconia Alumina

**BETTER**

Norton

**CHARGER**






Zirconia Alumina/Aluminum Oxide Blend

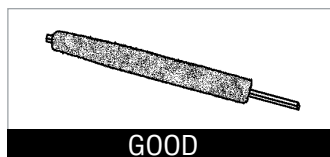
**GOOD**

Norton

**GEMINI**

Aluminum Oxide

SIZE (D X T X H)	MAX. RPM	STD. PKG.	SPEC	PART NO.	SPEC	PART NO.	SPEC	PART NO.
<b>TYPE 16 CONES</b> 								
1 x 3 x 3/8-24 (ME 107019)	36,290	10					57A24-R	61463622342
1-1/2 x 2-1/2 x 3/8-24 (ME 44436)	24,190	10					57A24-R	61463622349
1-1/2 x 3 x 3/8-24 (ME 139029)	24,190	10			AZ24-R	61463614587		
1-1/2 x 3 x 5/8-11 (ME 70535)	24,190	10	NZ20-R	61463644231	AZ20-R	61463614588	57A24-R	61463622190
1-3/4 x 3 x 3/8-24 (ME49226)	20,735	10					57A24-R	61463614503
1-3/4 x 3 x 5/8-11 (ME 33432)	20,740	10					57A24-R	61463622195
2 x 3 x 5/8-11 (ME 28229)	18,145	10	NZ20-R	61463644232	AZ20-R	61463614604	57A24-R	61463622218
2-3/4 x 3-1/2 x 5/8-11 (ME 18265)	13,195	10			AZ16-R	61463614599	57A24-R	61463622387
<b>TYPE 17 CONES, SQUARE TIP</b> 								
1-1/2 / 1/2 x 3 x 3/8-24	24,190	10					57A24-R	61463622194
2 / 1/2 x 3 x 5/8-11	18,145	10					57A24-R	61463615722
<b>TYPE 17R CONES, ROUND TIP</b> 								
2 / 3/4 x 3 x 5/8-11 (ME 151373)	18,145	10			AZ20-R	61463615866		
<b>TYPE 18 PLUGS, SQUARE TIP</b> 								
1-1/2 x 2-1/2 x 3/8-24	24,190	10					57A24-R	61463622217
1-1/2 x 2-1/2 x 5/8-11	24,190	10	NZ20-R	61463644224	AZ20-R	61463644256	57A24-R	61463622351
1-1/2 x 3 x 5/8-11	24,190	10			AZ20-R	61463644257	57A24-R	61463622191
2 x 3 x 5/8-11	18,145	10	NZ20-R	61463644234	AZ20-R	61463614601	57A24-R	61463622219
					AZ24-R	61463614595		
2 x 4 x 5/8-11	18,145	10					57A24-R	61463622366
<b>TYPE 18R PLUGS, ROUND TIP</b> 								
1-1/2 x 3 x 3/8-24	24,190	10					57A24-R	61463622192
2 x 3 x 5/8-11	18,145	10			AZ20-R	61463644259	57A24-R	61463622220



TIER:  
BRAND:  
ABRASIVE:

**GOOD**

Norton

Silicon Carbide

SIZE (T X W X L)	STD. PKG.	SPEC.	PART NO.
<b>STOCK RESINOID CORE FILES – SILICON CARBIDE</b>			
1/2 x 1 x 10	5	37C24-SB	61463610314