NORTON SAINT-GOBAIN

BLUEfire™

NEW & IMPROVED ZIRCONIA ALUMINA
DEPRESSED CENTER AND CUT-OFF WHEELS

BETTER

Our Proprietary Zirconia Grain Enhances Peformance and Life Up to 20% vs. Former Norton Charger Wheels

- Highly versatile product that grinds and cuts a variety of materials with efficiency: stainless steel, carbon steel, alloys to gray iron
- No other zirconia wheel will provide the superior performance-to-price ratio of Norton BlueFire

ADVANCED GRAIN, EXCEPTIONAL LIFE AND NEW PERFORMANCE TIER NAME
SURPASSES AND REPLACES THE FORMER NORTON CHARGER LINE WITH NO MORE COST!

TYPICAL MARKETS

- Welding
- Metal Fabrication
- Pipeline and Petrochemical
- Foundry
- Construction

CLICK TO VIEW VIDEO

THE **MUSCLE** BEHIND THE MACHINE™

TM

NORTON SAINT-GOBAIN®

www.**nortonabrasives.com**

NORTON SAINT-GOBAIN

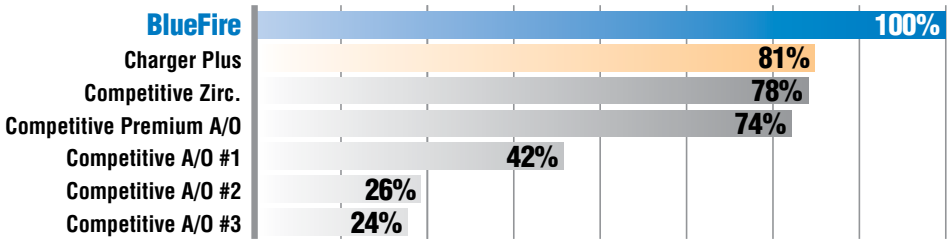
BLUEfire™

ZIRCONIA ALUMINA
DEPRESSED CENTER AND CUT-OFF WHEELS

FEATURES	BENEFITS
■ A blend of R&D advanced chemistry and shape zirconia alumina abrasive with premium aluminum oxide grain	■ 2-3 times the life of aluminum oxide wheels ■ Up to 20% increase in performance and life over our former zirconia alumina wheels ■ Broad utility from light-to heavy-pressure applications, on a wide range of materials ■ Excellent performance-to-price ratio for lower total grinding costs
■ Contaminate-free FastCut/INOX depressed center wheels	■ Contain <0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
■ Foundry depressed center wheels	■ Zirconia alumina/silicon carbide abrasive blend and an exceptionally strong reinforcement structure ■ The ideal choice for aggressive, foundry applications

OVERALL PERFORMANCE TEST
4-1/2 x 1/4 x 7/8 wheel

Performance data based on internal Saint-Gobain Abrasives Inc., testing.

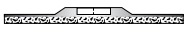


CHARGER PART NUMBERS MAY BE ORDERED UNTIL CHARGER INVENTORY IS DEPLETED.
THEN BLUEFIRE WHEELS WILL BE AUTOMATICALLY SUBSTITUTED FOR OBSOLETE CHARGER WHEELS.

TIER:	BETTER
TRADE NAME:	**BLUEFIRE**
SHAPE:	Type 27
ABRASIVE:	Zirconia Alumina/ Aluminum Oxide
MATERIAL:	STAINLESS STEEL / METAL

DEPRESSED CENTER APPLICATIONS:
- Grinding
- Beveling
- Stock removal
- Weld blending
- Edge chamfering
- Cutting-off

AVAILABILITY
Depressed Center Wheels


TYPE 27/42

BlueFire wheels will begin to be stocked June 1, 2012. Check for availability.
The complete range of BlueFire wheels will available September 1, 2012.

SIZE (D X T X H)	MAX. RPM	STD. PKG.	ADDITIONAL DESCRIPTION	BLUEFIRE SMART PART NO.	FORMER CHARGER PART NO.	NEW BLUEFIRE PART NO.
.040", .045 – RIGHTCUT CUT-OFF – TYPE 27/42						
4-1/2 x .040 x 5/8-11	13,580	10	*1mm Thick*	RC45HBF27UT	66252837013	66252843227
4-1/2 x .045 x 5/8-11	13,580	10		RC45HBF27	66252832009	66252843223
4-1/2 x .045 x 7/8	13,580	20		RC45BF27	66252830125	66252843219
5 x .040 x 5/8-11	12,225	10	*1mm Thick*	RC5HBF27UT	66252837014	66252843228
5 x .045 x 7/8	12,225	20		RC5BF27	66252830126	66252843220
6 x .045 x 7/8	10,185	25		RC6BF27	66252830127	66252843221
1/8" – CUTTING / NOTCHING / LIGHT GRINDING – TYPE 27						
4 x 1/8 x 3/8	15,280	25		DC41838BF	66243529893	66252843178
4 x 1/8 x 5/8	15,280	25		DC418BF	66243529851	66252843176
4-1/2 x 1/8 x 5/8-11	13,580	10		DC4518HBF	66252829853	66252843211
4-1/2 x 1/8 x 5/8-11	13,580	10	*Fast Cut/INOX*	DC4518HBFFC	66243578249	66252843191
4-1/2 x 1/8 x 7/8	13,580	25		DC4518BF	66252829854	66252843212
4-1/2 x 1/8 x 7/8	13,580	25	*Fast Cut/INOX*	DC4518BFFC	66243578248	66252843190
5 x 1/8 x 5/8-11	12,225	10		DC518HBF	66252829857	66252843215
5 x 1/8 x 5/8-11	12,225	10	*Fast Cut/INOX*	DC518HBFFC	66243578253	66252843195
5 x 1/8 x 7/8	12,225	25		DC518BF	66252829858	66252843216
5 x 1/8 x 7/8	12,225	25	*Fast Cut/INOX*	DC518BFFC	66243578252	66252843194
6 x 1/8 x 5/8-11	10,185	10	*Fast Cut/INOX*	DC618HBFFC	66243578257	66252843199
6 x 1/8 x 7/8	10,185	20		DC618BF	66252809367	66252843202
6 x 1/8 x 7/8	10,185	20	*Fast Cut/INOX*	DC618BFFC	66243578256	66252843198
7 x 1/8 x 5/8-11	8,600	10		DC718HBF	66252929862	66252843233
7 x 1/8 x 5/8-11	8,600	10	*Fast Cut/INOX*	DC718HBFFC	66243578241	66252843183
7 x 1/8 x 7/8	8,600	20		DC718BF	66252929863	66252843234
7 x 1/8 x 7/8	8,600	20	*Fast Cut/INOX*	DC718BFFC	66243578240	66252843182
9 x 1/8 x 5/8-11	6,600	10		DC918HBF	66253029866	66252843244
9 x 1/8 x 5/8-11	6,600	10	*Fast Cut/INOX*	DC918HBFFC	66243578245	66252843187
9 x 1/8 x 7/8	6,600	20		DC918BF	66253029867	66252843245
9 x 1/8 x 7/8	6,600	20	*Fast Cut/INOX*	DC918BFFC	66243578244	66252843186

90° ANGLE

30° ANGLE

90° ANGLE

(Continued on next page)

HOW TO PICK THE RIGHT DEPRESSED CENTER BOND TYPE

Unmarked	Standard; where an excellent blend of cut rate and life is needed.
Fast Cut/INOX	Contaminate free; contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results. Will not contaminate stainless steel.
Heavy Duty	Triple reinforced for the most aggressive foundry applications.

CHARGER PART NUMBERS MAY BE ORDERED UNTIL CHARGER INVENTORY IS DEPLETED.
THEN BLUEFIRE WHEELS WILL BE AUTOMATICALLY SUBSTITUTED FOR OBSOLETE CHARGER WHEELS.

AVAILABILITY

Depressed Center Wheels

BlueFire wheels will begin to be stocked June 1, 2012. Check for availability.
The complete range of BlueFire wheels will available September 1, 2012.

TIER:	BETTER
TRADE NAME:	**BLUEFIRE**
SHAPE:	Type 27 and Type 28
ABRASIVE:	Zirconia Alumina/ Aluminum Oxide
MATERIAL:	**STAINLESS STEEL / METAL**

SIZE (D X T X H)	MAX. RPM	STD. PKG.	ADDITIONAL DESCRIPTION	BLUEFIRE SMART PART NO.	FORMER CHARGER PART NO.	NEW BLUEFIRE PART NO.
1/4" – GRINDING – TYPE 27						
4 x 1/4 x 3/8	15,280	25		DC41438BF	66243529899	66252843179
4 x 1/4 x 5/8	15,280	25		DC414BF	66243529852	66252843177
4-1/2 x 1/4 x 5/8-11	13,580	10		DC4514HBF	66252829855	66252843213
4-1/2 x 1/4 x 5/8-11	13,580	10	***Fast Cut/INOX***	DC4514HBFFC	66243578251	66252843193
4-1/2 x 1/4 x 7/8	13,580	25		DC4514BF	66252829856	66252843214
4-1/2 x 1/4 x 7/8	13,580	25	***Fast Cut/INOX***	DC4514BFFC	66243578250	66252843192
5 x 1/4 x 5/8-11	12,225	10		DC514HBF	66252829859	66252843217
5 x 1/4 x 5/8-11	12,225	10	***Fast Cut/INOX***	DC514HBFFC	66243578255	66252843197
5 x 1/4 x 7/8	12,225	25		DC514BF	66252829861	66252843218
5 x 1/4 x 7/8	12,225	25	***Fast Cut/INOX***	DC514BFFC	66243578254	66252843196
6 x 1/4 x 5/8-11	10,185	10		DC614HBF	66252832391	66252843224
6 x 1/4 x 5/8-11	10,185	10	***Fast Cut/INOX***	DC614HBFFC	66243578259	66252843201
6 x 1/4 x 7/8	10,185	20		DC614BF	66252809372	66252843203
6 x 1/4 x 7/8	10,185	20	***Fast Cut/INOX***	DC614BFFC	66243578258	66252843200
7 x 1/4 x 5/8-11	8,600	10		DC714HBF	66252929864	66252843235
7 x 1/4 x 5/8-11	8,600	10	***Fast Cut/INOX***	DC714HBFFC	66243578243	66252843185
7 x 1/4 x 7/8	8,600	20		DC714BF	66252929865	66252843236
7 x 1/4 x 7/8	8,600	20	***Fast Cut/INOX***	DC714BFFC	66243578242	66252843184
9 x 1/4 x 5/8-11	6,600	10		DC914HBF	66253029868	66252843246
9 x 1/4 x 5/8-11	6,600	10	***Fast Cut/INOX***	DC914HBFFC	66243578247	66252843189
9 x 1/4 x 7/8	6,600	20		DC914BF	66253029869	66252843247
9 x 1/4 x 7/8	6,600	20	***Fast Cut/INOX***	DC914BFFC	66243578246	66252843188
1/4" – GRINDING – TYPE 28 SAUCER						
7 x 1/4 x 5/8-11	8,600	10		DS714HBF	66252905367	66252843229
9 x 1/4 x 5/8-11	6,600	10		DS914HBF	66253006334	66252843237
1/8", 1/4" – GRINDING / CUTTING – TYPE 27 FOUNDRY						
4 x 1/4 x 3/8	15,280	25		DC41438BFF	66243531504	66252843181
4 x 1/4 x 5/8	15,280	25		DC414BFF	66243531502	66252843180
4-1/2 x 1/8 x 5/8-11	13,580	10		DC4518HBFF	66252824508	66252843206
4-1/2 x 1/8 x 7/8	13,580	25		DC4518BFF	66252824504	66252843204
4-1/2 x 1/4 x 5/8-11	13,580	10		DC4514HBFF	66252824509	66252843207
4-1/2 x 1/4 x 7/8	13,580	25		DC4514BFF	66252824505	66252843205
7 x 1/8 x 5/8-11	8,600	10		DC718HBFF	66252915529	66252843232
7 x 1/4 x 5/8-11	8,600	10		DC714HBFF	66252915528	66252843231
7 x 1/4 x 7/8	8,600	20		DC714BFF	66252915527	66252843230
9 x 1/8 x 5/8-11	6,600	10		DC918HBFF	66253018579	66252843240
9 x 1/8 x 7/8	6,600	20		DC918BFF	66253018574	66252843238
9 x 1/4 x 5/8-11	6,600	10		DC914HBFF	66253018580	66252843241
9 x 1/4 x 5/8-11	6,600	10	***Heavy Duty***	DC914HBFFHD	66253020902	66252843261
9 x 1/4 x 7/8	6,600	20		DC914BFF	66253018575	66252843239
9 x 1/4 x 7/8	6,600	20	***Heavy Duty***	DC914BFFHD	66253020901	66252843260

WATCH FOR OUR NEW PACKAGING!

NORTON SAINT-GOBAIN **BLUEfire**™

ZIRCONIA ALUMINA
CUT-OFF WHEELS

CHARGER PART NUMBERS MAY BE ORDERED UNTIL CHARGER INVENTORY IS DEPLETED.
THEN BLUEFIRE WHEELS WILL BE AUTOMATICALLY SUBSTITUTED FOR OBSOLETE CHARGER WHEELS.

TIER:	BETTER
TRADE NAME:	BLUEFIRE
SHAPE:	Type 01 and Type 27
ABRASIVE:	Zirconia Alumina/ Aluminum Oxide
MATERIAL:	STAINLESS STEEL / METAL

TYPICAL APPLICATIONS:

- Cutting sheet metal and pipe
- Metal fabrication and plate dimensioning

AVAILABILITY

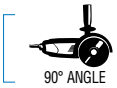
Cut-off Wheels

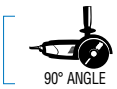
TYPE 01/41

TYPE 27/42

BlueFire wheels will begin to be stocked June 1, 2012. Check for availability.
The complete range of BlueFire wheels will available September 1, 2012.

SIZE (D X T X H)	MAX. RPM	STD. PKG.	ADDITIONAL DESCRIPTION	BLUEFIRE SMART PART NO.	FORMER CHARGER PART NO.	NEW BLUEFIRE PART NO.
SMALL DIAMETER CUT-OFF – TYPE 01 STRAIGHT CUT-OFF						
3 x .035 x 3/8	25,465	25		CO3035BF	66243527753	66252843174
3 x 1/16 x 3/8	25,465	25		CO3116BF	66243527755	66252843175
4 x .035 x 3/8	19,100	25		CO4035BF	66243527340	66252843173
4 x 1/16 x 3/8	19,100	25		CO4116BF	66243527338	66252843171
4 x 1/8 x 3/8	19,100	25		CO418BF	66243527339	66252843172
RIGHT ANGLE GRINDER – TYPE 01/41 RIGHTCUT CUT-OFF						
4-1/2 x .040 x 7/8	13,580	25	*1mm Thick*	RC45BFUT	66252837011	66252843225
4-1/2 x .045 x 7/8	13,580	25		RC45BF	66252826569	66252843208
5 x .040 x 7/8	12,225	25	*1mm Thick*	RC5BFUT	66252837012	66252843226
5 x .045 x 7/8	12,225	25		RC5BF	66252826570	66252843209
6 x .045 x 7/8	10,185	25		RC6BF	66252826571	66252843210
RIGHT ANGLE GRINDER – TYPE 27/42 RIGHTCUT CUT-OFF						
4-1/2 x .040 x 5/8-11	13,580	20	*1mm Thick*	RC45HBF27UT	66252837013	66252843227
4-1/2 x .045 x 5/8-11	13,580	20		RC45HBF27	66252832009	66252843223
4-1/2 x .045 x 7/8	13,580	20		RC45BF27	66252830125	66252843219
5 x .040 x 5/8-11	12,225	20	*1mm Thick*	RC5HBF27UT	66252837014	66252843228
5 x .045 x 7/8	12,225	20		RC5BF27	66252830126	66252843220
6 x .045 x 7/8	10,185	20		RC6BF27	66252830127	66252843221
CHOP SAW – TYPE 01 STRAIGHT CUT-OFF						
12 x 7/64 x 1	5,095	10		CO12764BF	66253207552	66252843250
14 x 7/64 x 1	4,365	10	*Free Cut*	CO14764BFFC	66253306624	66252843252
14 x 7/64 x 1	4,365	10	*Long Life*	CO14764BFLL	66253306625	66252843253
14 x 7/64 x 1	4,365	10	*Rapid Cut*	CO14764BFRC	66253309614	66252843254
16 x 7/64 x 1	3,820	10	*Free Cut*	CO16764BFFC	66253410196	66252843256
16 x 7/64 x 1	3,820	10	*Long Life*	CO16764BFLL	66253410197	66252843257
STATIONARY SAW – TYPE 01 STRAIGHT CUT-OFF						
10 x 3/32 x 5/8	6,110	10		CO10332BF	66253106108	66252843248
12 x 1/8 x 1	5,095	10		CO1218BF	66253207550	66252843249
14 x 1/8 x 1	4,365	10		CO1418BF	66253306623	66252843251
16 x 5/32 x 1	3,820	10		CO16532BF	66253410194	66252843255
20 x 5/32 x 1	2,710	5	*Free Cut*	CO20532BFFC	69078609045	66252843258
20 x 5/32 x 1	2,710	5	*Long Life*	CO20532BFLL	69078609046	66252843259


90° ANGLE


90° ANGLE

HOW TO PICK THE RIGHT CUT-OFF BOND TYPE

Unmarked	Standard; where an excellent blend of cut rate and life is needed
Free Cut	Where fast stock removal is needed, or the application only allows for low-pressure or under-horsepowered grinders
Long Life	Where durability is needed due to severe application, and when horsepower of the grinder allows for heavy pressure
Rapid Cut	Centrally reinforced; rough sides; free cutting non-biding burr-and burn free cuts

To put Norton abrasives to work for you, contact your local Norton representative or visit **www.nortonindustrial.com** for more information on our products, applications and distributor locations.

BEST NORTON NorZon Plus | **BETTER** NORTON BlueFire | **GOOD** NORTON Gemini, NORTON Metal

Saint-Gobain Abrasives, Inc.
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