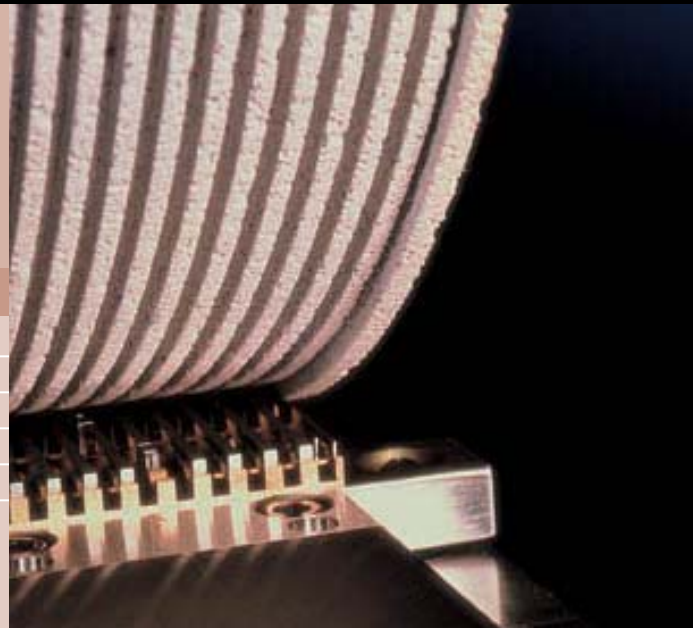


CREEPFEED BLANK STOCK – FASTTRACK SERVICE

Norton revolutionary, proprietary, Vortex VTX Creepfeed wheels are the best conventional creepfeed wheels in the industry. These high performance blank stock wheels can be altered to your dimensional requirements and shipped within 48 hours receipt of your order.

Typical Applications and Industries

- Heat-sensitive, porous grinding of difficult-to-grind alloys
- Aerospace
- Automotive
- Toolroom
- Gear
- Energy



CENTERLESS, CYLINDRICAL & CREEPFEED

BEST Vortex – Ideal for heat-sensitive, porous grinding of difficult-to-grind alloys

FEATURES

- High performance, engineered, fused aluminum oxide abrasive, optimally spaced
- Highly porous and permeable

BENEFITS

- Highest metal removal rates; able to grind large areas of contact
- Ultimate part integrity and quality; superior surface finish
- Longest wheel life: dramatically shorter grinding cycles = less wheel changes and more parts/wheel = highest productivity



SIZE D X T X H	SPECIFICATION	BEST
		UNFINISHED BLANK STOCK NO.
TYPE 01 STRAIGHT		
16 x 1 x 5	IPA60-HA29VTX	00310309668
	IPA60-ME17VTX	00310303104
	IPA60-ME26VTX	00310303103
	IPA80-ME26VTX	00310303106
	IPA80-EH26VTX	00310303105
16 x 2-1/2 x 5	IPA60-HA29VTX	00310309669
	IPA60-ME26VTX	00310303108
	IPA60-EH26VTX	00310303107
	IPA80-ME26VTX	00310303109
16 x 4 x 5	IPA60-HA29VTX	00310312485
	IPA60-ME26VTX	00310312486
20 x 2-1/2 x 8	IPA60-ME17VTX	00310303131
	IPA60-ME26VTX	00310303130
	IPA80-HA29VTX	00310303132
20 x 4 x 8	IPA60-HA29VTX	00310303133
	IPA60-ME26VTX	00310303134
24 x 4 x 8	IPA60-EH26VTX	00310303135

GRADE/HARDNESS KEY: HA = HARD • ME = HARDER • EH = EXTRA HARD

There are many finished sizes and specifications available. Contact your local Norton distributor or salesperson with your size and specification requirements for quantity guidelines, quotations and helpful ordering instructions.

Please note “48-hour delivery request” if needed, on your order.

SPECcheck



Key Program Features

- Standard lead time: 5 days
- 48-hour lead time: available with 25% price premium
- Alteration Parameters:
 - Diameter may be altered to 2" smaller than the original blank stock diameter
 - Thickness may be altered to 1/2 the original blank stock thickness
 - Bore may be altered to parameters shown in chart

D X T X H	UNFINISHED SIZE	FINISHED SIZE	WIDTH (NO THINNER THAN)	BORE (MAX.)
		OUTSIDE DIAMETER (NO SMALLER THAN)		
16 x 1 x 5		14	1/2	8
16 x 2-1/2 x 5		14	1-1/4	8
16 x 4 x 5		14	2	8
20 x 2-1/2 x 8		18	1-1/4	12
20 x 4 x 8		18	2	12
24 x 4 x 8		22	2	12

55A BLANK STOCK – FASTTRACK SERVICE

55A-VH Blank Stock Wheels

These competitively-priced, monocrystalline grain wheels are specifically engineered for numerous carbon steel applications requiring moderate to heavy stock removal rates. They can be altered to your specific needs within two weeks of receipt of your order.

Typical Applications and Industries

- Centerless plunge and throughfeed grinding
- Surface grinding
- Cylindrical grinding



BETTER 55A-VH Wheels – For precision grinding of carbon steel and cast iron

FEATURES

- Advanced combination of monocrystalline 55A aluminum oxide abrasive and superior VH bond

BENEFITS

- Superior performance on centerless plunge and throughfeed, surface, and cylindrical grinders
- Up to 2X the life of competitive aluminum oxide wheels
- Ideal for simple- to complex-shaped components
- Increased productivity; more quality parts at lowest cost per part

SIZE D X T X H	GRIT	GRADE	BETTER
			UNFINISHED BLANK STOCK NO.
20 x 1 x 8	60	J	00310020909
	60	K	00310020910
	100	I	00310020913
20 x 1 x 12	100	K	00310302177
	120	K	00310302220
	120	M	00310064512
20 x 1-1/2 x 12	80	K	00310302221
	100	K	00310302222
20 x 2 x 8	80	K	00310020918
	80	M	00310020919
	100	K	00310020920
	120	M	00310064252
20 x 6 x 12	60	K	00310020963
	60	L	00310020964
	80	L	00310020966
24 x 1 x 8	80	K	00310021884
24 x 1 x 12	60	K	00310020921
	60	M	00310020922
	80	M	00310020923
24 x 1-1/4 x 12	60	M	00310302224
24 x 1-1/2 x 8	80	K	00310302223
24 x 1-1/2 x 12	80	K	00310302225
	80	M	00310302226
24 x 2 x 8	80	K	00310021885
24 x 2 x 12	60	K	00310020924
	60	M	00310020925
	80	I	00310020926
24 x 3 x 8	80	K	00310021757
24 x 5 x 12	60	L	00310302227
24 x 6 x 12	60	K	00310020968
24 x 8 x 12	60	L	00310020971
	100	K	00310302228
24 x 10 x 12	80	K	00310020972
30 x 2 x 12	60	L	00310020929
	80	L	00310031274
30 x 3 x 12	60	L	00310020930
42 x 1-1/2 x 12	60	M	00310020931

There are many finished sizes and specifications available. Contact your local Norton distributor or salesperson with your size and specification requirements for quantity guidelines, quotations and helpful ordering instructions.

Please note "Two-week delivery request" if needed, on your order.



GEAR WHEEL BLANK STOCK – FASTTRACK SERVICE

VPLS and VPHS Worm Profile Wheels

Norton 38A, X25A, SG blended, TG blended, and BRG open-structured, high performance, non-stock gear wheels are designed to produce high metal removal rates with less power draw.

The BRGL, a sharp ceramic grain, wheels are available through this FastTrack Service.

VPAP Angle Profile Wheels

These quality non-stock wheels are available in X25A, SG blends and TG blends. An X25A-VPAP blank stock line is offered for the FastTrack Service.

All Norton profile wheels are altered on state-of-the-art CNC controlled machines and are finished using Saint-Gobain dressing wheels. The Saint-Gobain dressing wheels and machines give these wheels excellent accuracy and repeatability.



GEAR WHEEL BLANK STOCK – FASTTRACK SERVICE

Worm Profile Wheels VPLS – 43m/s Low Speed

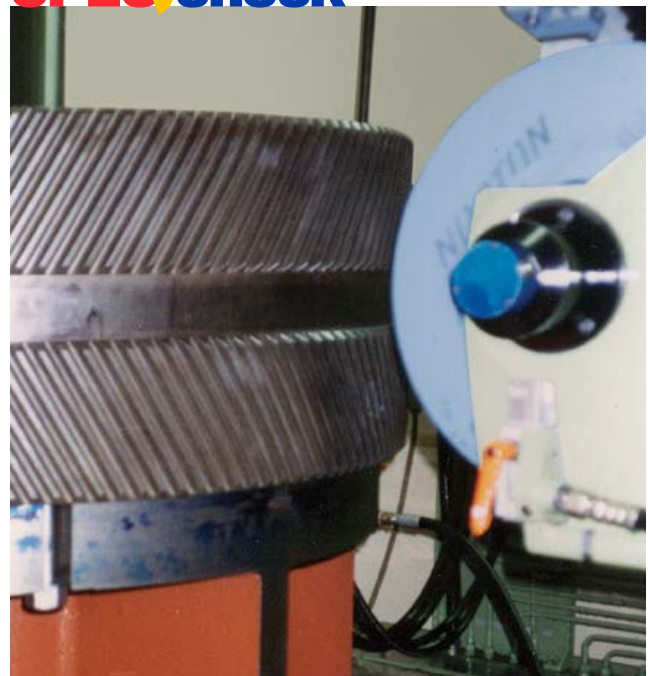
SIZE D X T X H	SPECIFICATION	BETTER
		UNFINISHED BLANK STOCK NO.
350mm x 104mm x 160mm	BRGL80-FVPLS	00310066975
	BRGL80-GVPLS	00310066976
	BRGL80-HVPLS	00310066977
	BRGL100-FVPLS	00310066979
	BRGL100-GVPLS	00310066991
	BRGL100-HVPLS	00310066992
	BRGL120-FVPLS	00310066993
	BRGL120-GVPLS	00310066994
	BRGL120-HVPLS	00310066995

VPHS – 60m/s High Speed

SIZE D X T X H	SPECIFICATION	BETTER
		UNFINISHED BLANK STOCK NO.
350mm x 104mm x 160mm	BRGL80-GVPHS	00310048274
	BRGL80-HVPHS	00310048277
	BRGL100-GVPHS	00310048278
	BRGL100-HVPHS	00310048279
	BRGL120-GVPHS	00310048280
	BRGL120-HVPHS	00310048281

Angle Profile Wheels

SIZE D X T X H	SPECIFICATION	BETTER
		UNFINISHED BLANK STOCK NO.
400mm x 50mm x 127mm	X25A54-F19VPAP	00310066998
	X25A54-G19VPAP	00310066999
	X25A54-H19VPAP	00310067000
	X25A70-F19VPAP	00310067011
	X25A70-G19VPAP	00310067012
	X25A70-H19VPAP	00310067013
	X25A90-G19VPAP	00310067014



Key Program Features

- Standard lead time: 5 days
- 48-hour lead time: available with 25% price premium. Please note "48-hour delivery request", if needed, on order.
- Alteration Parameters:
 - Diameter may be altered to 2" smaller than the original blank stock diameter
 - Thickness may be altered to 1/2 the original blank stock thickness

For more information, order copies of A Complete Line of Grinding Wheels Engineered for Superior Worm and Angle Gear Grinding brochure, form #7943

Please note "Two-week delivery request" if needed, on your order.

www.nortonabrasives.com

