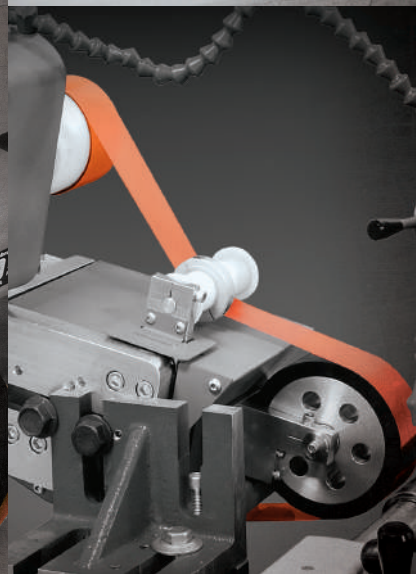
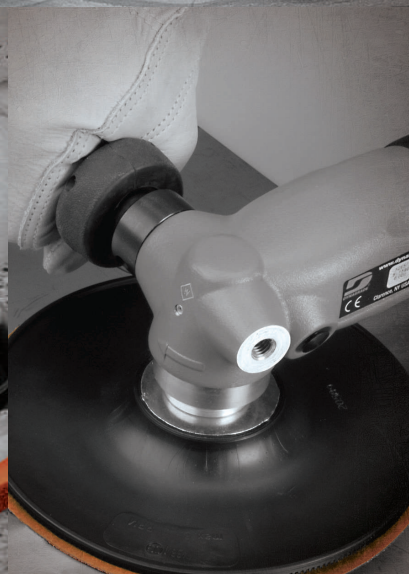
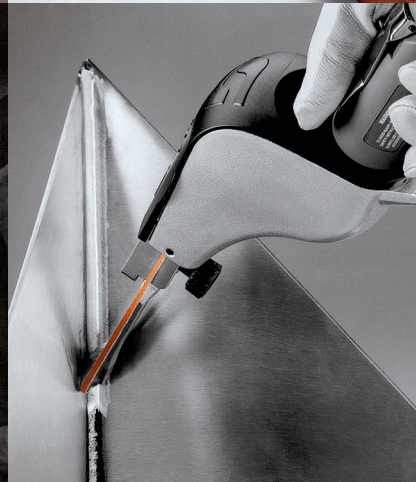
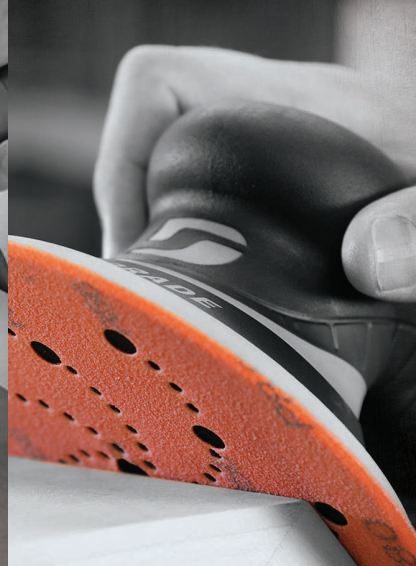
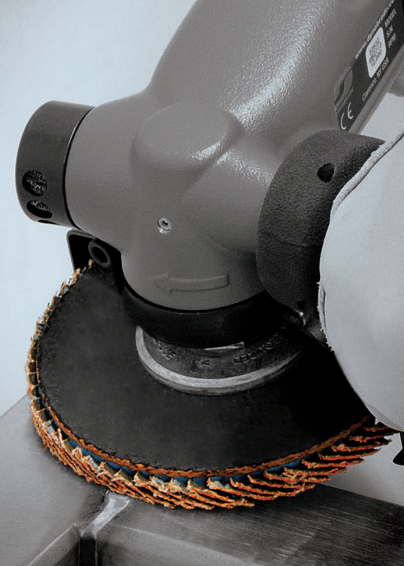




DYNABRADE ABRASIVE SYSTEM PRODUCTS



WE LISTEN. WE OBSERVE. **WE OPTIMIZE.**





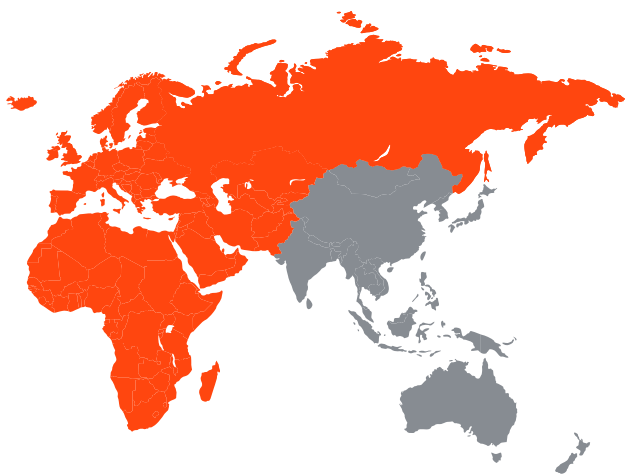
Since 50 years, Dynabrade has earned a reputation for excellence and a position of leadership in the innovative design and manufacturing of unique portable pneumatic abrasive power tools, related accessories, and dust collection. With our total systems solutions offerings, we are able to meet the specific needs of many industries. Our products are used in a variety of applications on nearly any material that requires surface preparation and finishing. We are easy-to-do business with and supply these products quickly to customers through a worldwide network of professional distributors.



WE LISTEN. WE OBSERVE. WE OPTIMIZE.

DYNABRADE EUROPE

Established in 1989, Dynabrade Europe is the Luxembourg-based office for Europe, Middle East and Africa (**more than 77 countries**) providing Sales, Marketing, Customer Service, Warehousing and Repair services for the Dynabrade product range.



Dynabrade Customer Service in Europe is capable to respond to any request in more than **10 different languages**

THE DYNABRADE DIFFERENCE

TOOLS & PROCESS SOLUTIONS



INNOVATION



ENGINEERING



PRODUCTION



**TECHNICAL
SUPPORT**

INDUSTRY APPLICATION EXPERTS

Our experts optimize abrasive specialty applications applying 50 years of hands-on, industry-specific experience and data, improving productivity and/or surface finishes.

INDUSTRIES



AEROSPACE & DEFENSE



AUTOMOTIVE OEM AND TIER1



MARINE & SHIPYARD



WELDING



WIND ENERGY



WOODWORKING



METAL WORKING



AUTOMOTIVE AFTERMARKET

SURFACES

Our tools & solutions are developed to be used on a variety of Materials : stainless steel, wood, fiberglass, aluminum, cast iron, non-ferrous metals, exotic metals, glass, ceramics, stone, composites and more!

PRODUCTS

The product range includes a wide variety of tools for different surface preparation & finishing applications

POWER TOOLS (AIR & ELECTRIC) – 1200+ MODELS

- Abrasive Belt and Finishing Tools
- Random Orbital Sanders
- General Purpose Tools

DUST COLLECTION & DOWNDRAFT TABLES – 50+ MODELS

- Dry Vacuums
- Downdraft Tables & Stations
- Wet Filtration
- Air & Electric Portable Vacuums

STATIONARY MACHINES

- Grinding
- Superfinishing

ABRASIVES – 1250+ PRODUCTS

- Full Line of Specialty Abrasives & Compounds

ACCESSORIES

- All the necessary items to run & maintain your Dynabrade tools such as back-up pads, contact arms, etc...

EASY-TO-DO-BUSINESS



**CUSTOMER
SUPPORT**



FAST SHIPPING



**DROP SHIPMENT
OPTION**



**SOLUTION
ORIENTED**

TRUST

Our customers and channel partners trust us, resulting in strong, lasting and mutually beneficial relationships.

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DYNACUT™

COATED ABRASIVE BELTS



COATED ABRASIVE BELTS

Dynabrade is the company that created the first portable power tool solution for the grinding and finishing of difficult to reach areas, The Dynaflex® Dynabrade's DC 242 coated

abrasive belt offering is a multi-tiered line engineered to deliver maximum benefit on virtually any application. The Dynaflex® II coupled with DC 242 belts are the ideal solution for grinding and finishing

in hard to reach areas like grinding away spot welds for faster tear down, grinding and blending welds on framing, tubing, exhaust and other components.

DC242 COATED ABRASIVE BELTS CLOTH BACKING | 27-33 M/S RECOMMENDED SPEED

APPLICATIONS

- Grinding and sanding on metals, composites, plastics, wood with Dynabrade belt tools

FEATURES

- Available in: Zirconia Alumina with grinding aid and Aluminum oxide
- Zirconia Alumina with grinding aid grits are for heavy stock removal to intermediate finish
- Excellent on stainless steel, carbon steel, cast iron, exotic alloys, Aluminum, bronze and brass
- Grinding Aid – a chemical that reduces the temperature of the working area, minimizing the risk of discoloration and deformation, in particular on stainless steel metal fabrication
- Aluminum oxide grits are for general purpose finishing applications on any kind of metals and alloys

TARGET MARKETS

- Metal Fabrication, Casting and Forging, Woodworking, AOEM, AAM, Marine, Composites

INFORMATION

DC242 COATED ABRASIVE BELTS CLOTH BACKING | 27-33 M/S RECOMMENDED SPEED



Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
3	305 mm	60	Z/A	70003	30
		80		70004	
		120		70006	
		180	A/O	70008	
		240		70009	
		320		70010	
	457 mm	60	Z/A	70015	
		80		70016	
		120		70018	
		180	A/O	70020	
		240		70021	
		320		70022	
	610 mm	60	Z/A	70027	
		80		70028	
		120		70030	
		180	A/O	70032	
		240		70033	
		320		70034	
6	1829 mm	60	Z/A	72850	10
		80		72851	
		120		72853	
		180	A/O	72856	
		240		72858	
		320		72859	
6	305 mm	60	Z/A	70903	30
		80		70904	
		120		70906	
		180	A/O	70044	
		240		70045	
		320		70046	
	457 mm	60	Z/A	70910	
		80		70911	
		120		70913	
		180	A/O	70056	
		240		70057	
		320		70058	
	610 mm	60	Z/A	70917	
		80		70918	
		120		70920	
		180	A/O	70068	
		240		70069	
		320		70070	



EXAMPLE WITH : 14000



EXAMPLE WITH : 40320

DC242 COATED ABRASIVE BELTS – CLOTH BACKING

27-33 M/S RECOMMENDED SPEED

Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
13	1829 mm	60	Z/A	72860	10
		80		72861	
		120		72863	
		180	A/O	72866	
		240		72868	
		320		72869	
	305 mm	60	Z/A	70931	30
		80		70932	
		120		70934	
		180	A/O	70092	
		240		70093	
		320		70094	
13	330 mm	60	Z/A	24612	
		80		24613	
		120		24614	
		180	A/O	24615	
		240		24616	
		320		24617	
	457 mm	36	Z/A	24501	30
		40		24502	
		60		70938	
		80		70939	
		120	A/O	70941	
		180		70104	
		240		70105	
		320		70106	
13	457 mm	60	CER	24624	
		80		22230	
		120		24625	



EXAMPLE WITH : 15300

THE “ORIGINAL” DYNAFLEX®**APPLICATION SOLUTIONS**

World-famous 14000 Dynaflex® replaces tedious hand-sanding and filing in an endless array of applications. In this photo the Dynaflex® is powering an optional 11237 Contact Arm, ideal for working in areas as small as 3/8" (10mm). The arm is also utilized for turbine blade grinding, blending and polishing.



DC242 COATED ABRASIVE BELTS CLOTH BACKING | 27-33 M/S RECOMMENDED SPEED

Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
13	610 mm	60	Z/A	70945	30
		80		70946	
		120		70948	
		180	A/O	70116	
		240		70117	
		320		70118	
19	457 mm	36	Z/A	73372	
		40		70951	
		60		70952	
		80	A/O	70953	
		120		70955	
		180		70128	
19	520 mm	240	A/O	70129	
		320		70130	
		40	CER	22353	
		60		22354	
		60	Z/A	70959	
		80		70960	
25	1524 mm	120	A/O	70962	10
		180		70140	
		240		70141	
		320	A/O	70142	
		40		22662	
		60		22663	
25	829 mm	80	A/O	22664	
		100		22665	
		120		22666	
		150	Z/A	22667	
		180		22668	
		220		22669	
25	457 mm	60	Z/A	72870	30
		80		72871	
		120		72872	
		180	A/O	72873	
		240		72874	
		320		72875	
25	457 mm	60	Z/A	70980	
		80		70981	
		120		70983	
		180	A/O	70164	
		240		70165	
		320		70166	



EXAMPLE WITH : 40320



EXAMPLE WITH : 15300

DC242 COATED ABRASIVE BELTS - CLOTH BACKING

27-33 M/S RECOMMENDED SPEED

Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
25	610 mm	60	Z/A	73031	30
		120		73032	
		180	A/O	73033	
25	762 mm	60	Z/A	71001	10
		80		71002	
		120		71004	
		180	A/O	70200	
		240		70201	
		320		70202	
38	762 mm	40	Z/A	72903	10
		60		73306	
		80		73308	
		120		73310	
		180	A/O	73408	
		220		73410	
		320		73412	
		400		24540	
		600		24541	
		240		24546	
		40	CER	22348	
		60		22349	
		80		73508	
		120		73510	
		60	Z/A	73182	
		80		73183	
		120		73184	
50	1143 mm	180	A/O	73185	10
		240		73186	
		320		73187	
50	1220 mm	36	Z/A	22274	10
		40		22275	
		60		22276	
		80		22277	
		120		22278	
		180	A/O	22279	
		240		22280	
		320		22281	
		400		22282	
		600		22283	
50	762 mm	60	Z/A	71029	10
		80		71030	
		120		71032	



EXAMPLE WITH : 11476

DC242 COATED ABRASIVE BELTS CLOTH BACKING | 27-33 M/S RECOMMENDED SPEED

Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
50	762 mm	180	A/O	70248	10
		240		70249	
		320		70250	
50	864 mm	40	CER	22351	10
		60		22352	
		36	Z/A	24570	
		60		72249	
		80		72250	
		120	A/O	72251	
		180		72895	
		240		72896	
		320		72897	
50	920 mm	40	Z/A	73028	10
		60		73029	
		80		73030	
	610 mm	60	Z/A	72876	
		80		72877	
		120		72878	
		180	A/O	72880	
		240		72881	
		320		72882	
76	272 mm	36	Z/A	73440	10
		60		72889	
		80		72890	
		120	A/O	72892	
		180		72893	
		240		72894	
		320		73082	



EXAMPLE WITH : 14000



EXAMPLE WITH : 15360

DYNAFILE® III SLACK POLISHING APPLICATION

15300 Dynafite® III

Utilizing 1" wide abrasive belts and the slack portion of the contact arm. The Dynafite® III easily blends and polishes bends in pipes while maintaining original dimensions. The added horsepower provided by the .7 hp motor in the Dynafite® III efficiently powers 1" wide belts in both grinding and polishing applications.



DC242 COATED ABRASIVE BELTS - CLOTH BACKING

27-33 M/S RECOMMENDED SPEED



Width (mm)	Length (mm)	Grit	Mineral	P/N	Qty/Box
89	394 mm	60	Z/A	72883	10
		80		72884	
		120		72885	
		180	A/O	72886	
		240		72887	
		320		72888	
100	289 mm	60	Z/A	73083	
		80		73084	
		120		73085	
		180	A/O	73086	
		240		73087	
		320		73088	



EXAMPLE WITH : 52900

DYNACUT™

**COATED ABRASIVE FILMS
& PAPER DISCS**



FILM / PAPER DISCS, DISC ROLLS AND SHEETS

At Dynabrade we listen, we observe, and we optimize. There are a wide variety of sanding and finishing applications in today's modern body, fabrication and detail shops. Dynabrade offers a full selection of premium performance film and paper backed

discs and sheets providing an optimum solution for virtually any sanding and finishing application. DV 722 Sanding and Finishing abrasives include hook-face discs and sheets. These sanding and finishing abrasives are commonly used for stripping

paint, sanding plastics, fiberglass and composites, leveling and blending body filler, feather edging and sanding primer, color and clear coat.

DV722 COATED ABRASIVE DISCS & SHEETS – ALUMINUM OXIDE PAPER BACKING

APPLICATIONS

- Surface sanding on any type of wood, metal, composite, solid surface, filler, e-coat, primer, paint coat, clear coat and gel coat

FEATURES

- Anti-loading stated topcoat provides long life and good cut rate without wild scratches
- Open coat of Aluminum oxide grain for less clogging
- Suitable for grinding new generation water based lacquers

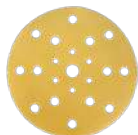
BENEFITS

- Resinoid bonding ensures excellent performance and durability
- Excellent dust reduction with vacuum dust extraction system for a safe and work-friendly environment

TARGET MARKETS

- Metal Fabrication, Casting and Forging, Woodworking, AOEM, AAM, Marine, Composites

INFORMATION





Diameter	Grit	Holes	MOS	P/N	Qty/Box
75 mm	80	6	13000 RPM	22239	50
	100			22241	
	120			22258	
	150			22259	
	180			22260	100
	240			22261	
	320			22262	
	400			22263	
	600			22264	
	800			22265	
150 mm	60	21	13000 RPM	24644	50
	80			24645	
	100			24646	
	120			24647	
	150			24648	100
	180			24649	
	220			24650	



EXAMPLE WITH : 59109

DV722 COATED ABRASIVE DISCS & SHEETS – ALUMINUM OXIDE PAPER BACKING

	Diameter	Grit	Holes	MOS	P/N	Qty/Box	
	150 mm	240	21	13000 RPM	24651	100	
		280			24652		
		320			24653		
		360			24654		
		400			24655		
		500			24656		
		600			24657		
		800			24658		
	150 mm	60	6 + 1	13000 RPM	24682	50	
		80			24683		
		100			24684		
		120			24685		
		150			24686		
		180			24687		
		220			24688		
		240			24689	100	
		280			24690		
		320			24691		
		360			24692		
		400			24693		
		500			24694		
		600			24695		
		800			24696		
	150 mm	60	0	13000 RPM	24629	50	
		80			24630		
		100			24631		
		120			24632		
		150			24633		
		180			24634		
		220			24635		
		240			24636	100	
		280			24637		
		320			24638		
		360			24639		
		400			24640		
		500			24641		
		600			24642		
		800			24643		
	80 x 130 mm	180	0	n.a.	22595	100	
		240			22572		
		320			22593		
		400			22618		
		500			22619		

EXAMPLE WITH : 56830

EXAMPLE WITH : X62V

EXAMPLE WITH : 59040

EXAMPLE WITH : 58405

EXAMPLE WITH : 56830

EXAMPLE WITH : X62V

EXAMPLE WITH : 59040

EXAMPLE WITH : 58405

DV722 COATED ABRASIVE DISCS & SHEETS - ALOX/PAPER BACKING

C/B WEIGHT PAPER BACKING WITH HOOK-FACE ATTACHMENT | 13,000 RPM MOS | ALUMINUM OXIDE

Diameter	Grit	Holes	MOS	P/N	Qty/Box
	80	4 + 4	n.a.	22266	50
	120			22267	
	180			22268	100
	240			22269	
	320			22270	
	80	8	n.a.	22231	50
	120			22232	
	180			22233	100
	240			22234	
	320			22235	
	400			22236	
	80	10	n.a.	22207	50
	120			22208	
	180			22209	100
	240			22210	
	320			22211	
	400			22212	
	80	7	n.a.	22225	50
	120			22226	
	180			22227	100
	240			22228	
	320			22229	
	80	0	n.a.	22219	50
	120			22220	
	180			22221	100
	240			22222	
	320			22223	
	400			22224	
	80	6	n.a.	22213	50
	120			22214	
	180			22215	100
	240			22216	
	320			22217	
	400			22218	



EXAMPLE WITH : 58502



EXAMPLE WITH : 57404



EXAMPLE WITH : 57900



EXAMPLE WITH : 57900

DV722 COATED ABRASIVE DISCS & SHEETS – ALUMINUM OXIDE PAPER BACKING

	Diameter	Grit	Holes	MOS	P/N	Qty/Box		
	62 x 98 mm	80	0	n.a.	22012	50		
		120		n.a.	22026			
		180		n.a.	22028	100		
		320		n.a.	22032			
		400		n.a.	22034			
	62 x 98 mm	80	6	n.a.	22039	50		
		120		n.a.	22041			
		180		n.a.	22043	100		
		320		n.a.	22205			
		400		n.a.	22206			
70 x 198 mm	120	10	n.a.	22237	100			
62 x 98 mm	100	0	n.a.	22328	100			
	240		n.a.	22329				
62 x 98 mm	240	6	n.a.	22355	100			
	400	7	n.a.	22356				
80 x 400 mm	60	14	n.a.	22384	100			
	80		n.a.	22385				
	120		n.a.	22386				
	180		n.a.	22387				
	240		n.a.	22388				
	320		n.a.	22389				
115 x 400 mm	60	14	n.a.	22390	100			
	80		n.a.	22391				
	120		n.a.	22392				
	180		n.a.	22393				
	240		n.a.	22394				
	320		n.a.	22395				
115 x 280 mm	60	10	n.a.	22464	50			
	80		n.a.	22465	100			
	120		n.a.	22466				
	180		n.a.	22467				
	240		n.a.	22468				
	320		n.a.	22469				

EXAMPLE WITH : 57900

EXAMPLE WITH : 57900

EXAMPLE WITH : 57900

EXAMPLE WITH : 57900

DV722 COATED ABRASIVE ROLLS ALOX/APER BACKING

Dia x L	Grit	Holes	MOS	P/N	Qty/Box
335 mm x 25 Mt	240			22271	1
	280			22272	
	320			22273	

DG922 COATED ABRASIVE DISCS ALOX/FILM BACKING

APPLICATIONS

- Surface sanding on any type of wood, metal, composite, solid surface, filler, e-coat, primer, paint coat, clear coat and gel coat

FEATURES

- Aluminum oxide mineral together with film backing gives a very controlled and even sanding property
- Easily convertible from paper disc for better quality and longer life. Ideal for both dry and wet applications.

BENEFITS

- Polyester film backing allows long-lasting application time and better resistant to tear-off in difficult corners
- Anti-loading treatment greatly enhances the life of the product and also improves work piece finish
- Film works better than paper with uniform mineral coating on perfectly even film surface

TARGET MARKETS

- Metal Fabrication, Casting and Forging, Woodworking, AOEM, AAM, Marine, Composites

INFORMATION








Diameter	Grit	Holes	MOS	P/N	Qty/Box
75 mm	1500	0	13000 RPM	22556	100
	40			73147	
	60			73148	
	80			73820	
	100			73821	
	120			73822	
	150			73823	
	180			73824	
	220			73825	
	240			73826	
	280	6	13000 RPM	73113	100
	320			73114	
	400			73115	
	500			73116	
	600			73117	
	800			73827	
	1000			73828	
	1200			73829	
	1500			73830	
	2000			73831	
89 mm	40	0	13000 RPM	73720	50
	60			73721	



EXAMPLE WITH : 59109

DG922 COATED ABRASIVE DISCS ALOX/FILM BACKING

	Diameter	Grit	Holes	MOS	P/N	Qty/Box	
	89 mm	80	0	13000 RPM	73722	100	 EXAMPLE WITH : 59000
		100			73723		
		120			73724		
		150			73725		
		180			73726		
		220			73727		
		240			73728		
		280			73729		
		320			73730		
		360			73349		
		400			73731		
		500			73119		
		600			73732		
		800			73141		
		1000			73142		
		1200			73143		
		1500			73144		
		2000			73145		
					125 mm		
60	73521						
80	73522						
100	73523		100				
120	73524						
150	73525						
180	73526						
220	73527						
240	73528						
280	73529						
320	73530						
400	73531						
500	73533						
600	73534						
800	73535						
1000	73536						
1200	73537						
1500	73538						
2000	73539						
	125 mm	40	16	13000 RPM	73988	50	 EXAMPLE: 59024
		60			73989		
		80			73295	100	
		100			73946		
		120			73947		




EXAMPLE WITH : 59000

EXAMPLE WITH: X51H

EXAMPLE: 59024

DG922 COATED ABRASIVE DISCS & SHEETS – ALOX/FILM BACKING

ALOX/FILM BACKING WITH HOOK-FACE ATTACHMENT | 13,000 RPM MOS | ALUMINUM OXIDE

Diameter	Grit	Holes	MOS	P/N	Qty/Box
	150	16	13000 RPM	73948	100
	180			73996	
	220			73997	
	240			73998	
	280			73999	
	320			73149	
	360			73241	
	400			73992	
	500			73993	
	600			73994	
	800			73995	
	1000			73247	
	1200			73248	
	1500			73249	
	2000			73341	
	40	8+1	13000 RPM	73620	50
	60			73621	
	80			73622	
	100			73623	
	120			73624	
	150			73625	100
	180			73626	
	220			73627	
	240			73628	
	280			73629	
	320			73630	
	360			73647	
	400			73631	
	500			73648	
	600			73632	
	800			73649	
	1000			73243	
	1200	15	13000 RPM	73244	50
	1500			73245	
	2000			73246	
	40			73120	
	60			73121	100
	80			73122	
	100			73123	
	120			73124	
	150			73125	
	180			73126	
	220			73127	



EXAMPLE WITH: 58405

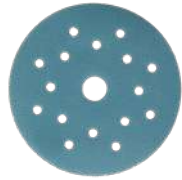


EXAMPLE WITH : 52760



EXAMPLE WITH : X61V

DG922 COATED ABRASIVE DISCS ALOX/FILM BACKING



Diameter	Grit	Holes	MOS	P/N	Qty/Box
150 mm	240	15	13000 RPM	73128	100
	280			73129	
	320			73130	
	360			73131	
	400			73132	
	500			73133	
	600			73134	
	800			73135	
	1000			73136	
	1200			73137	
	1500			73138	
	2000			73139	
150 mm	40	0	13000 RPM	73220	50
	60			73221	
	80			73222	
	100			73223	100
	120			73224	
	150			73225	
	180			73226	
	220			73227	
	240			73228	
	280			73229	
	320			73230	
	360			73231	
	400			73232	
	500			73233	
	600			73234	
	800			73235	
	1000			73236	
	1200			73237	
	1500			73238	
	2000			73239	
200 mm	40	8	13000 RPM	73320	50
	60			73321	
	80			73322	
	100			73323	100
	120			73324	
	150			73325	
	180			73326	
	220			73327	
	240			73328	



EXAMPLE WITH : X61V





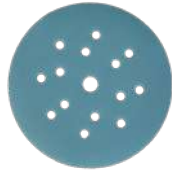
EXAMPLE WITH: 59040



EXAMPLE : 58660

DG922 COATED ABRASIVE DISCS & SHEETS - ALOX/FILM BACKING

ALOX/FILM BACKING WITH HOOK-FACE ATTACHMENT | 13,000 RPM MOS | ALUMINUM OXIDE

Diameter	Grit	Holes	MOS	P/N	Qty/Box
	280	8	13000 RPM	73329	100
	320			73330	
	360			73331	
	400			73332	
	500			73333	
	600			73334	
	800			73335	
	1000			73336	
	1200			73337	
	1500			73338	
	2000			73339	
	40	0	13000 RPM	73420	50
	60			73421	
	80			73422	
	100			73423	
	120			73424	
	150			73425	
	180			73426	
	220			73427	
	240			73428	
	280			73429	
	320			73430	
	360			73431	
	400			73432	
	500			73433	
	600			73434	
	800			73435	
	1000			73436	
	1200			73437	
	1500			73438	
	2000			73439	
	40	15	13000 RPM	73633	50
	60			73634	
	80			73635	
	100			73636	
	120			73637	
	150			73638	
	180			73639	
	220			73958	
	240			73959	
	280			73735	
	320			73778	
	360			73779	



EXAMPLE WITH : 56894

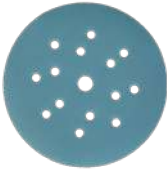







EXAMPLE WITH : 58410



EXAMPLE WITH : 58414

DG922 COATED ABRASIVE DISCS ALOX/FILM BACKING

	Diameter	Grit	Holes	MOS	P/N	Qty/Box	
	200 mm	400	15	13000 RPM	73838	100	
		500			73839		
		600			73832		
		800			73957		
		1000			73834		
		1200			73835		
		1500			73836		
		2000			73837		
	80 x 400 mm	40	14	n.a.	22396	100	
		60			22397		
		80			22398		
		120			22399		
		180			22457		
		240			22453		
		320			22454		
	115 x 400 mm	40	14	n.a.	73048	100	
		60			22455		
		80			73035		
		120			73213		
		180			73036		
		240			73296		
		320			22456		
	81 x 133 mm	800	0	n.a.	24509	100	
		1200			73945		

EXAMPLE WITH : 58414

EXAMPLE WITH : 58550

DG922 COATED DAISY DISCS ALOX/FILM BACKING



Diameter	Grit	Holes	MOS	P/N	Qty/Box
42 mm	60	0	n.a.	73316	500
	80			22569	
	120			73916	
	150			73317	
	320			73318	
	400			73319	
	600			24610	
	800			73416	
	1200			22570	
	1500			22571	
	2000			73214	



EXAMPLE WITH : 58037

DG922 COATED ABRASIVE ROLLS ALOX/FILM BACKING

Dia x L	Grit	Holes	MOS	P/N	Qty/Box
115 mm x 25 mt	40	0	n.a.	73041	1
	80			73040	
	120			73014	
	180			73034	
	240			73396	

CLOG FREE SOFT FILM DISCS POLYESTER BACKING

APPLICATIONS

- Surface sanding on any type of wood, metal, composite, solid surface, filler, e-coat, primer, paint coat, clear coat and gel coat

FEATURES

- Very soft and conformable polyester abrasive discs and sheets
- Very efficient anticlog treatment
- Available in grits from P280 to P3000

BENEFITS

- Allows to achieve very fine and even surfaces, ideal preparation to polishing
- Excellent on coatings, paints, clearcoats, laquers,...

TARGET MARKETS

- Metal Fabrication, Casting and Forging, Woodworking, AOEM, AAM, Marine, Composites

INFORMATION

Diameter	Grit	Holes	MOS	P/N	Qty/Box
76 mm	800	0	13000 RPM	22479	50
	1200			24659	
	1500			24660	
	2000			24661	
	2500			24662	
	3000			24663	
125 mm	280	0	13000 RPM	24519	25
	320			24520	
	400			24521	
	600			24522	
	800			22363	
	1200			24523	
	1500			24524	
	2000			24525	
	2500			24526	
	3000			24527	
125 mm	320	6+1	13000 RPM	24528	25
	400			24529	
	600			24531	
	1200			24532	
	2000			24533	
	3000			24534	



EXAMPLE WITH : 59109





EXAMPLE WITH : X51H + 59039



EXAMPLE WITH : 52760

CLOG FREE SOFT FILM DISCS

POLYESTER BACKING WITH VELCRO ATTACHEMENT | 13,000 RPM MOS | ALUMINUM OXIDE

Diameter	Grit	Holes	MOS	P/N	Qty/Box
	400	8+1	13000 RPM	24530	25
	500			22492	
	600			24670	
	800			22364	
	1500			24671	
	2000			22482	
	2500			22483	
	3000			24672	
	280	0	13000 RPM	24535	25
	320			24536	
	400			24537	
	600			24538	
	800			22365	
	1200			24539	
	1500			24542	
	2000			24543	
	2500	15	13000 RPM	24544	25
	3000			24545	
	400			24548	
	600			24673	
	800			22674	
	1200			24550	
	1500			24675	
	2000			24676	
	24677	6+1	13000 RPM	24678	25
	600			24549	
	1500			24551	
	2000			24552	
	24553	0	13000 RPM	24554	25
	2500			22484	
	3000			24679	
	600			24559	
	800			24560	
	1200			24561	
	1500			24562	
	2500			24563	



EXAMPLE WITH : X51V



EXAMPLE WITH : 59029

CLOG FREE EXTREME POLYESTER BACKING

APPLICATIONS

- ▶ Intermediate to final finish before polishing

FEATURES

- ▶ Aluminum oxide mineral together with film backing gives a very controlled and even sanding property
- ▶ Easily convertible from paper disc for better quality and longer life. Ideal for both dry and wet applications.

BENEFITS

- ▶ Polyester film backing allows long-lasting application time and better resistant to tear-off in difficult corners
- ▶ Anti-loading treatment greatly enhances the life of the product and also improves work piece finish
- ▶ Film works better than paper with uniform mineral coating on perfectly even film surface

TARGET MARKETS

- ▶ Metal Fabrication, Casting and Forging, Woodworking, AOEM, AAM, Marine, Composites

INFORMATION

CLOG FREE EXTREME POLYESTER BACKING



Diameter	Grit	Holes	MOS	P/N	Qty/Box
150 mm	60	0	13000 RPM	22530	25
	80			22531	
	100			22532	
	120			22533	
	150			22534	
	180			22535	
	220			22536	
	240			22537	
	280			22538	
	320			22539	
	360			22540	
	400			22541	
	500			22542	
	600			22543	
	800			22544	
	1000			22545	
	1200			22546	
	1500			22547	
	2000			22548	
150 mm	60	15	13000 RPM	22511	25
	80			22512	
	100			22513	
	120			22514	
	150			22515	
	180			22516	
	220			22517	
	240			22518	
	280			22519	
	320			22520	
	360			22521	
	400			22522	
	500			22523	
	600			22524	
	800			22525	
	1000			22526	
	1200			22527	
	1500			22528	
	2000			22529	
	2500			24677	



EXAMPLE WITH : 59040



EXAMPLE WITH : X62V

DYNAMESH

The Dynamesh Abrasives have an Abrasive net are clog resistant and are long lasting

APPLICATION

- Intermediate to fine application on clogging materials

FEATURES

- Mesh structure

BENEFITS

- Clog resistant
- Excellent dust extraction

TARGET MARKETS

- AAM, AOEM, Marine, Aerospace, Wood, Carbon fibers, Solid surface

INFORMATION



Diameter	Grit	Holes	Backing	P/N	Qty/Box	Type
150 mm	P80	0	Velcro	22780	100	Disc
	P100			22781		
	P120			22782		
	P150			22783		
	P180			22784		
	P220			22785		
	P240			22786		
	P320			22787		
	P400			22788		
	P500			22789		
	P600			22790		
225 mm	P120	0	Velcro	22793	100	Disc
115 mm x 10 M Roll	P80	0		22791	1	Roll
	P120			22792		



EXAMPLE WITH : X61

DM555 SOFT SANDING DISCS ALOX/FOAM BACKING

APPLICATIONS

- Finishing of paints, lacquers, solid surface

FEATURES

- Hook Face Attachment
- Fine sanding of lacquers before polishing
- Packed in an exclusive Dynabrade premium metal box for dust free storage

BENEFITS

- Soft foam backing allows flexible sanding of both smooth and profiled surfaces
- Reconditioning of conventional clear coats before polishing application
- Soft foam backing avoids damaging of contours

TARGET MARKETS

- AOEM, AAM, Solid Surface, Tier 1

INFORMATION



Diameter	Grit	Holes	MOS	P/N	Qty/Box
80 mm	800	0	13000 RPM	72925	20
	1000			72926	
	1500			72927	
	2000			72928	
	3000			72929	
150 mm	800	0		72935	10
	1000			72936	
	1500			72937	
	2000			72938	
	3000			72939	



EXAMPLE WITH : 59109



EXAMPLE WITH : 59109

DYNACUT™

COATED DISCS



COATED DISCS

Quick-change discs provide tool-free fastening with a "twist on, twist off" feature that makes changing small diameter discs fast and efficient to maximise productivity and reduce downtime. Used with right angle mini-grinders Dynabrade DC 321 & Dynafire

Quick Change discs are ideal for weld grinding and blending, from heavy metal removal to light deburring and finishing on flat and contoured surfaces. Available in 50mm 75mm & 100mm diameters with grit sizes from 36 through 120 grits

DC321 LOCKING-TYPE FIBER DISCS Z/A ZIRCONIA ALUMINIA & A/O ALUMINIUM OXIDE

APPLICATIONS

- Removal of thick weld seams, deburring, preparation for welding on thick steel, stainless steel and titanium workpieces

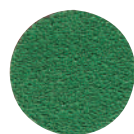
FEATURES AND BENEFITS

- Competitively priced heavy duty fiber disc with high grade Aluminum Zirconia mineral with a special chemical which helps to efficiently reduce heating in grinding applications
- Ideal for heavy stock removal to finishing on stainless steel, carbon steel, titanium, exotic alloys, bronze for price sensitive customers

TARGET MARKETS

- Stainless Steel and Heavy Metal Fabrication, Heavy Industries, Foundries

INFORMATION



Diameter	Grit	Attachment	MOS	P/N	Qty/Box
50 mm	36	Locking-Type	30,000 RPM	73686	100
	60			73687	
	80			73688	
	120			73689	
75 mm	36		20,000 RPM	73589	
	60			73590	
	80			73591	
	120			73592	
100 mm	36		15,000 RPM	73671	
	60			73672	
	80			73673	
	120			73674	



EXAMPLE WITH : 47821



EXAMPLE WITH : 50320

DC321 DYNAFIRE LOCKING-TYPE FIBER DISC CERAMIC FIBER DISCS WITH GRINDING AID

APPLICATIONS

- Removal of thick weld seams, deburring, preparation for welding on thick steel, stainless steel and titanium workpieces

FEATURES AND BENEFITS

- Heavy duty fiber disc with new generation of ceramic aluminum oxide mineral with a special chemical which helps very efficiently to reduce heating in grinding applications
- Ideal for heavy stock removal to finishing on stainless steel, carbon steel, titanium, exotic alloys and bronze

TARGET MARKETS

- Stainless Steel and Heavy Metal Fabrication, Heavy Industries, Foundries

INFORMATION



Diameter	Grit	Attachment	MOS	P/N	Qty/Box
50 mm	36	Locking-Type	30,000 RPM	73800	100
	60			73801	
	80			73802	
	120			73803	
75 mm	36		20,000 RPM	73804	
	60			73805	
	80			73806	
	120			73807	
100 mm	36		15,000 RPM	73675	
	60			73676	
	80			73677	
	120			73678	



EXAMPLE : 52657

COATED DISCS LOCKING-TYPE DISCS

GEARED →

Heavy stock removal applications generally require aggressive abrasive discs and tools that deliver torque under load. Dynabrade manufactures right angle geared tools for these types of applications. Geared tools tend to run more slowly than gearless tools but maintain rotation when heavy downward pressure is applied. Dynabrade offers geared tools ranging from .4 hp to 2.8 hp.

.4 HP DISC SANDER



.7 HP DISC SANDER



1.3 HP DISC SANDER



GEARLESS →

Blending applications typically require finer grit abrasive discs and tools that can finish quickly and efficiently. Dynabrade manufactures gearless disc sanders for these applications. Gearless tools generally operate at higher speeds, are more quiet and have fewer parts to maintain when productivity is key. Dynabrade offers gearless disc sanders ranging from .4 hp to 3 hp.

.4 HP GEARLESS DISC SANDER



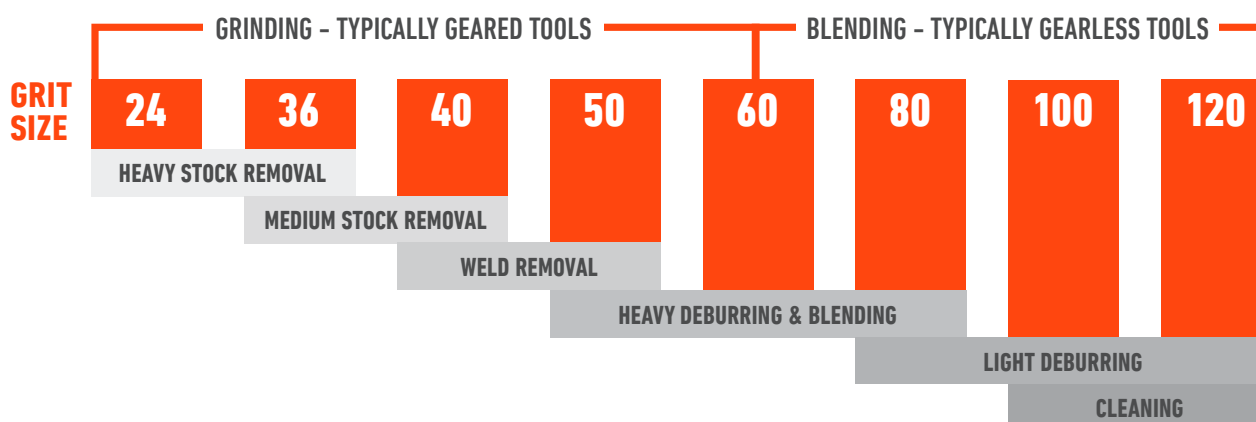
3" DISC SANDER



.7 HP PISTOL GRIP DISC SANDER



APPLICATION GRIT GUIDE



DYNACUT™

COATED FLAP DISCS



COATED FLAP DISCS

Flap Discs are one of the most versatile grinding and finishing abrasives for applications ranging from heavy stock removal to surface blending and finishing. Flap discs have three components – a backing plate, adhesive and coated abrasive cloth flaps. Small coated abrasive rectangles are concentrically placed on the backing and glued in place, overlapping each other to form a layered abrasive disc.

Designed for use on right angle grinders, flap discs

can grind, blend and finish in one operation which can often replace the traditional two-step process of grinding with a type 27 grinding wheel then finishing with a resin fiber disc. Flap discs by their design, are easier to control, are cooler cutting and offer faster removal with more consistent finishes versus type 27 grinding wheels that vibrate more, are louder and contribute to operator fatigue.

Compared to fiber discs, flap discs can last up to 20 times longer or more and have a self-sharpening

action from the multi-layered flaps. Additional benefits of flap discs are that they do not require a back-up pad and are not impacted by humidity making them easier to store and more reliable to use.

Flap disc applications include grinding, stock removal, edge chamfering, weld blending, deburring, rust removal and cleaning, finishing and polishing to mirror finish. Grit range is 40, 60, 80 and 120

DYNACUT™ LOCKING-TYPE FLAP DISC Z/A ZIRCONIA

APPLICATIONS

- The choice when grinding and finishing a wide variety of materials like mild carbon steel and stainless steel, aluminum, fiberglass and plastics.

FEATURES

- Premium, self-sharpening zirconia alumina abrasive
- High strength backing provides
- 50 mm and 75mm quick change mini flap discs with TR attachment

BENEFITS

- Generates an aggressive and rapid cut rate and up to 30% longer life than competitive flap discs.
- Excellent grain adhesion, edge fray resistance and absorbs vibration.
- Fiber Discs Perfect for hard to reach and tight spaces. rasive and wool felt for final polishing applications.

TARGET MARKETS

- Stainless Steel and Heavy Metal Fabrication, Heavy Industries, Foundries

INFORMATION



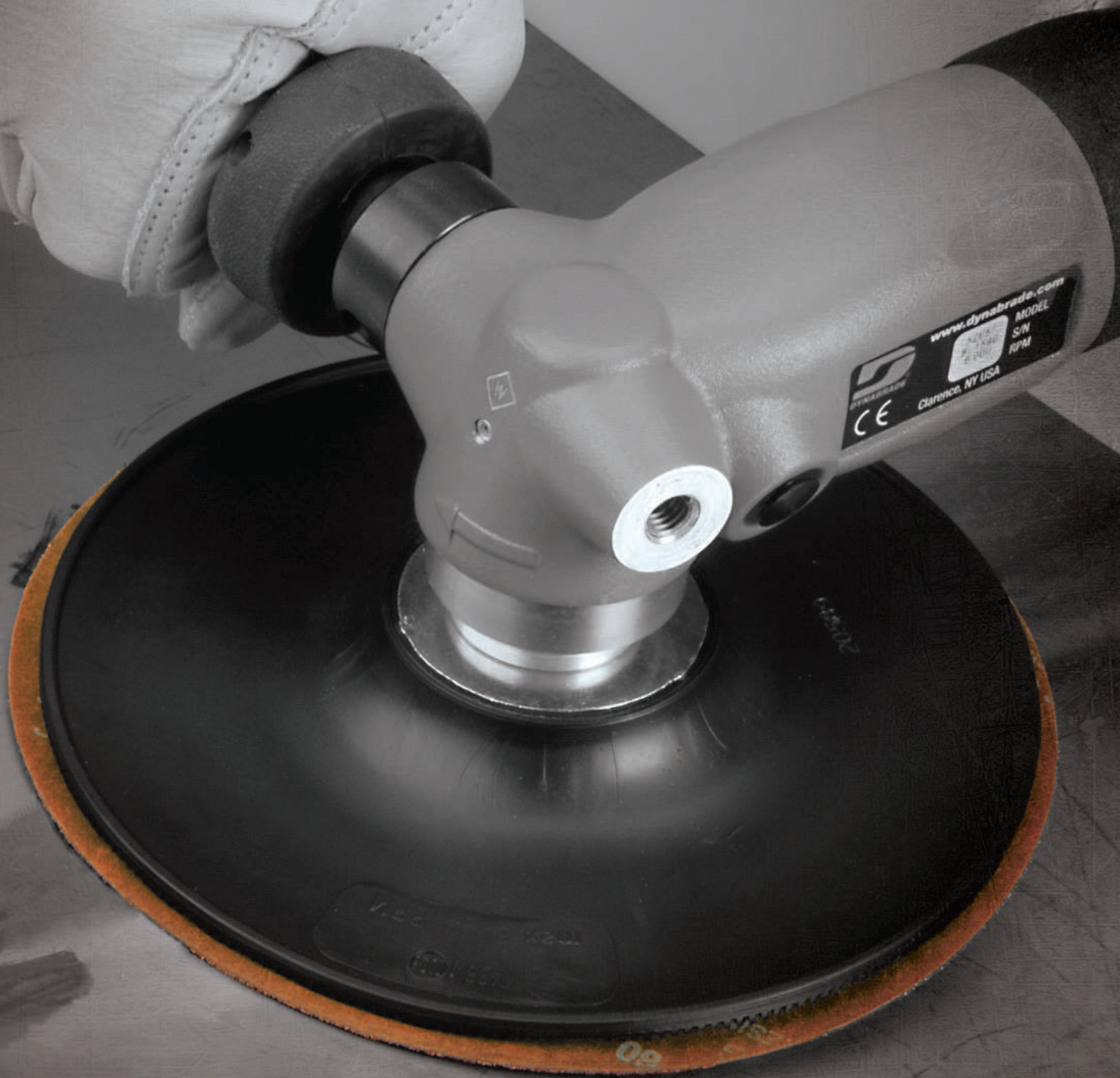
Diameter	Grit	Shape	MOS	P/N	Qty/Box
51 mm	40	TR	30,000 RPM	90970	10
	60			90971	
	80			90972	
	120			90973	
76 mm	40		20,000 RPM	90924	
	60			90925	
	80			90926	
	120			90927	



EXAMPLE WITH : 48500

DYNACUT™

COATED FIBER DISCS



FIBER DISCS

The most heavy-duty of coated abrasive discs, Fiber Discs are designed for a variety of applications ranging from heavy stock removal to surface blending and finishing. They are used with rubber or high-strength plastic back-up pads on

pneumatic or electric portable angle grinders. Common applications include stock removal, edge chamfering, weld blending, deburring, rust removal, cleaning and finishing of stainless steel and high nickel alloys, mild carbon steel, ferrous and

nonferrous metals.

Fiber discs are available in 75 mm, 115 mm, 125 mm & 180 mm diameters in the most common grit sizes ranging from 36 grit to 80 grit.

DV737 CERAMIC DISC

The **PREFERRED** choice for stainless steel, titanium and nickel based alloys, mild carbon steel and ferrous metals.

APPLICATION

- Weld removal

FEATURES AND BENEFITS

- Ceramic Aluminum oxide with grinding aid cloth, excellent for weld seam removal on any metal. Used on Dynabrade DynaLocke® in rotary motion. Ceramic grain allows fast cut and long life; grinding aid avoids surface heating and discoloration.

TARGET MARKET

- Metal fabrication

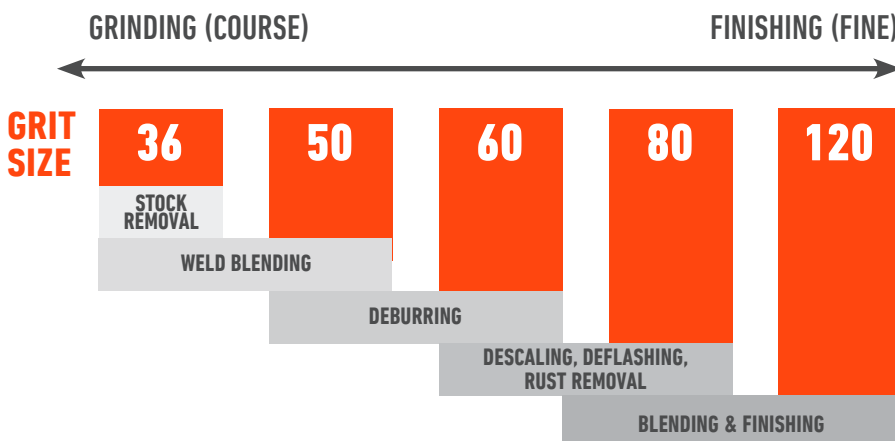
INFORMATION



Diameter	Grit	Attachment	MOS	P/N	Qty/Box
75 mm	P120	Hook Face	12,000 RPM	72837	30



EXAMPLE WITH : 69109



DYNAFIRE FLANGE MOUNT CERAMIC FIBER DISCS WITH GRINDING AID

The **PREFERRED** choice for stainless steel, titanium and nickel based alloys, mild carbon steel and ferrous metals.

APPLICATIONS

- Removal of thick weld seams, deburring, preparation for welding on thick steel, stainless steel and titanium workpieces

FEATURES AND BENEFITS

- Heavy duty fiber disc with new generation of ceramic aluminum oxide mineral with a special chemical which helps very efficiently to reduce heating in grinding applications
- Ideal for heavy stock removal to finishing on stainless steel, carbon steel, titanium, exotic alloys and bronze

TARGET MARKETS

- Stainless Steel and Heavy Metal Fabrication, Heavy Industries, Foundries

INFORMATION



Diameter	Grit	Attachment	MOS	P/N	Qty/Box
115 mm	36	Flange	12.000 RPM	73780	100
	60			73781	
	80			73782	
	120			73783	
125 mm	36			73784	100
	60			73785	
	80			73786	
	120			73787	
180 mm	36		8.500 RPM	73788	100
	60			73789	
	80			73790	
	120			73791	



EXAMPLE WITH : 53271

RIGHT-ANGLE DISC SANDER PREPARATION & BLENDING

Rebel 2.8 hp disc sanders are the most desirable tool choice in sizable preparation, blending and MRO applications. Having a lower profile and even weight distribution improves sightlines and increases maneuverability for operators.



	FEATURE	BENEFIT
1	10° OFFSET HANDLE	Promotes natural hand & wrist position
2	GOVERNOR-CONTROLLED MOTOR	Provides consistent power under load
3	SEALED GEAR CASE	Protects gears & reduces maintenance
4	AUTOBALANCER (MODEL SPECIFIC)	For reduced vibration
5	SPINDLE LOCK	Fast, easy abrasive changes
6	SAFETY-LOCK THROTTLE LEVER	Prevents accidental startup



TECH TIP

Always present the tool and abrasive to the work piece at a 10° – 15° angle for efficient abrasive use and to prevent gouging.

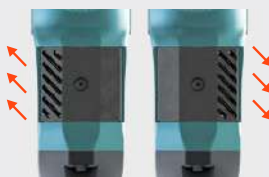
SPIRAL BEVELED GEAR S

- Specifically matched to ensure even wear.
- Sealed gear case with high-performance grease for 1,000+ hours of typical usage before recommended maintenance.



ADJUSTABLE MUFFLER

- Directs exhaust away from operator.
- Muffler cover can be positioned for left or right-handed operators.



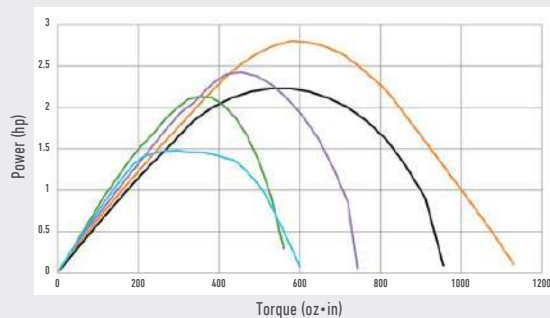
MULTI-POSITION GUARD

- Rotates 67° from center for operator protection and improved sightlines.
- 5 screws safely secure guard.



BEST-IN-CLASS TORQUE DESIGN

Competitive Comparison – 6,500 RPM Grinders



POWER & TORQUE

- By delivering power under load, Rebel 2.8 hp grinders and sanders outperform competitors in heavy-duty applications.
- Compared to its competitors, the Rebel 2.8 hp Series maintains greater power as torque demands increase.

— DYNABRADE
 — Competitor 1
 — Competitor 2
 — Competitor 3
 — Competitor 4

DYNACUT™

COATED ABRASIVE | SPECIALTIES



COATED ABRASIVE | SPECIALTIES

Dynabrade coated abrasive specialties combined with the wide range of Dynabrade tools provide a broad range of solutions for deburring, sanding,

blending and finishing. A wide variety of shapes, sizes, grits and grains allow Dynabrade abrasives to provide solutions in many markets like woodworking,

metal fabrication, welding, marine, transportation, aerospace, wind energy and more!

SANDING STARS ALUMINIUM OXIDE

DynaCut™ aluminum oxide sanding stars are uniquely designed for consistent performance and versatility. Sanding stars are utilized in wood and metal working applications to sand, deburr and polish. Typically used on contoured, curved, or uneven surfaces sanding stars help prevent undercutting through their flexibility and conformability. Woodworkers can eliminate tedious hand sanding on crown moulding, door panels or finish the inside of wooden bowls while metalworkers often use sanding stars in light deburring applications or for weld spatter removal or even scuffing a surface in preparation for a coating. Available in arbor, spindle and eyelet mount.

APPLICATION

- Weld removal

FEATURES AND BENEFITS

- Ceramic Aluminum oxide with grinding aid cloth, excellent for weld seam removal on any metal. Used on Dynabrade DynaLocke® in rotary motion. Ceramic grain allows fast cut and long life; grinding aid avoids surface heating and discoloration.

TARGET MARKET

- Metal fabrication

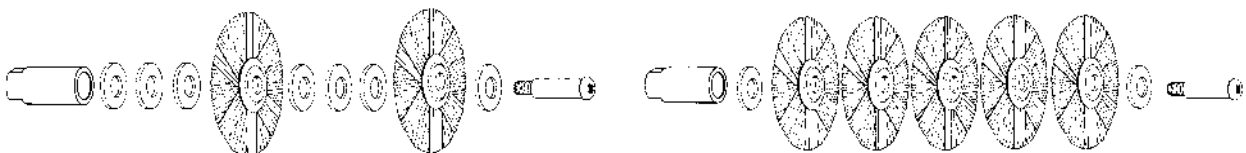
INFORMATION



Diameter	Grit	Mineral	MOS	P/N	Qty/Box	Type
19 mm	80	A/O	5000 RPM	93579	1	Eyelet Stars
	120			93580		
	150			93581		
	180			93582		
	220			93583		
25 mm	80	A/O	5000 RPM	93586	1	Eyelet Stars
	120			93587		
	150			93588		
	180			93589		
	220			93590		
38 mm	80	A/O	5000 RPM	93541	1	Eyelet Stars
	120			93542		
	150			93543		
	180			93544		
	220			93545		
	320			93546		
	400			93547		



EXAMPLE WITH : 52052





EXAMPLE WITH : 52060

Diameter	Grit	Mineral	MOS	P/N	Qty/Box	Type
50 mm	80	A/O	5000 RPM	93551	1	Eyelet Stars
	120			93552		
	150			93553		
	180			93554		
	220			93555		
	320			93556		
	400			93557		
	80			93551		
	120			93552		
	150			93553		
	180			93554		
	220			93555		
	320			93556		
	400			93557		
	80			93558		
	120			93559		
75 mm	150	A/O	5000 RPM	93560	1	Eyelet Stars
	180			93561		
	220			93562		
	320			93563		
	400			93564		
	80			93565		
	120			93566		
	150			93567		
100 mm	180	A/O	3200 RPM	93568	1	Eyelet Stars
	220			93569		
	80			93166	1	Shaft Mounted stars
	120			93167		
	150			93168		
	180			93169		
	220			93171		
	320			93172		
	80			93392	1	Arbor Mount Stars
	120			93393		
	150			93394		
	180			93395		
	220			93396		
	320			93397		
	400			93398		
	80			93243	1	Arbor Mount Stars
	120			93245		
	150			93246		
	180			93247		
	220			93248		
	320			93251		
	400			93252		



EXAMPLE WITH : 52060

DQ215 COTTON FIBER DISCS ALOX

APPLICATIONS

- Weld removal, deburring

FEATURES AND BENEFITS

- Cotton fiber disc structure allows continuous renewal of abrasive grain, consistent cut rate and finish
- Excellent for deburring and removal of thin TIG weld seams, giving superior finish with just one pas

TARGET MARKETS

- Metal Fabrication, Mold Production

INFORMATION

Diameter	Grit	Attachment	MOS	P/N	Qty/Box	Product Name	Type
50 mm	A36 M	Locking Type	25,000 RPM	73066	10	DQ 215 Cotton Fiber Deburring & Finishing Discs	
75 mm	A36 XF		20,000 RPM	73056	25		
	A54 XF			73057			
	A80 XF			73058			
	A36 F			73059			
	A54 F			73060			
	A80 F			73061			
	A36 M			73063			
	A80 M			73064			



EXAMPLE WITH : 48053



Dia x Thickness	Grit	Attachment	MOS (25mm/13mm overhang)	P/N	Qty/Box	Product Name	Type
10 mm x19 mm	MF	3mm shaft	34/44,000 RPM	24580	10	MP215	Cotton Fiber Mounted Point Cylindrical
			54/78,000 RPM	24581			Cotton Fiber Mounted Point Ogival
19 mm x 2.5 mm	MF	3/4" shaft	23/34,000 RPM	24582			Cotton Fiber Mounted Point ST
13 mm x 19 mm	FH	3mm shaft	46/60,000 RPM	73717			Cotton Fiber Mounted Point Ogival
10 mm x 19 mm	MH	3mm shaft	54/78,000 RPM	73718			



EXAMPLE WITH : 51701

CARTRIDGE ROLL ALOX

Size	Grit	MOS	P/N	Qty/Box	Type
13 mm x 178 mm	40	15,500 RPM	22332	5	Cartridge Roll
	60		22333		
	80		22334		
	120		22335		
	180		22359		
19 mm x 178 mm	40	15,500 RPM	22336	5	Cartridge Roll
	60		22337		
	80		22338		
	120		22339		
	180		22358		

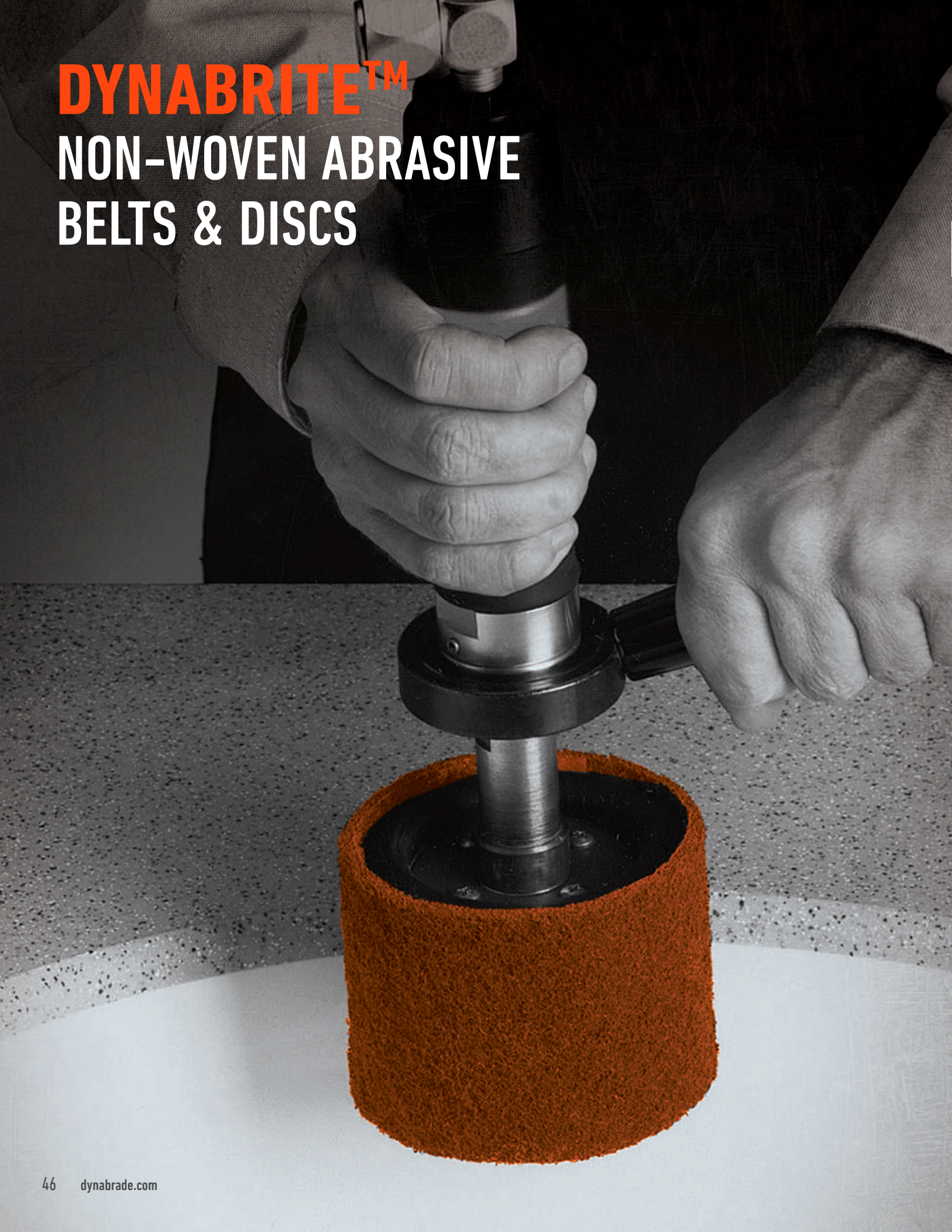
DynaCut™ aluminum oxide and cartridge rolls are made from strips of resin-bonded, cloth-backed coated

abrasives that are rolled and glued into a solid layered form that breaks down consistently during use. Cartridge rolls are used on die

grinders with a mandrel to blend, deburr and finish in small spaces, recesses and corners where larger tools cannot reach.

DYNABRITE™

NON-WOVEN ABRASIVE BELTS & DISCS



NON-WOVEN ABRASIVE BELTS

Surface conditioning belts are a combination of a strong, low-stretch, synthetic mesh or woven cloth backing and quality abrasives bonded together by

flexible yet tough adhesives. The open construction of the non-woven surface generates an aggressive cutting action, provides non-loading performance

and generates improved surface finishes. Belts are coated with aluminum oxide in coarse, medium, very fine, and silicon carbide in superfine.

SURFACE CONDITIONING BELT

	COARSE	MEDIUM	VERY FINE
Scale Removal			
Stock Removal			
Heavy Deburring			
Light Deburring			
Light Finishing			
Blending			
Finishing			

ABRASIVE GRIT KEY

	Coarse
	Medium
	Very Fine

APPLICATIONS

- Satin finish and surface conditioning on metals and alloys

FEATURES

- Low-Stretch Non-Woven Nylon | 27-33 m/s MOS | Aluminum Oxide
- Controlled cut does not change the workpiece geometry

BENEFITS

- Burrs and surface oxidations are easily removed
- Easily blends the wild scratches from previous working steps
- Gives consistent and easily replicable finish on metals and alloys

TARGET MARKETS

- Metal Fabrication, Casting and Forging

INFORMATION



Size	Grit	Mineral	P/N	Qty/Box
6 x 305 mm	A CRS	A/O	73468	30
	A MED		73469	
	A VFN		73470	
6 x 457 mm	A CRS	A/O	73471	30
	A MED		73472	
	A VFN		73473	
6 x 610 mm	A CRS	A/O	73474	30
	A MED		73475	
	A VFN		73476	



EXAMPLE WITH : 15013

SURFACE CONDITIONING BELT



Size	Grit	Mineral	P/N	Qty/Box
6 x 1829 mm	A CRS	A/O	73557	10
	A MED		73558	
	A VFN		73559	
13 x 305 mm	A CRS	A/O	73477	30
	A MED		73478	
	A VFN		73479	
	A VFN		22327	
13 x 330 mm	A CRS	A/O	24618	30
	A MED		24619	
	A VFN		24620	
	S SFN	S/C	24621	
13 x 457 mm	A CRS	A/O	73480	30
	A MED		73481	
	A VFN		73482	
13 x 610 mm	A CRS	A/O	73483	30
	A MED		73484	
	A VFN		73485	
13 x 1829 mm	A CRS	A/O	73560	10
	A MED		73561	
	A VFN		73562	
15 x 457 mm	A MED	A/O	24680	10
	A VFN		24681	
	A CRS		73486	
19 x 457 mm	A MED	A/O	73487	30
	A VFN		73488	
	A CRS		73489	
19 x 520 mm	A MED	A/O	73490	30
	A VFN		73491	
	A CRS		73492	
25 x 457 mm	A MED	A/O	73493	30
	A VFN		73494	
	A CRS		73495	
25 x 762 mm	A MED	A/O	73496	10
	A VFN		73497	
	A CRS		73563	
25 x 1829 mm	A MED	A/O	73564	10
	A VFN		73568	
	A CRS		73512	
38 x 762 mm	A MED	A/O	73514	10
	A FN		22357	

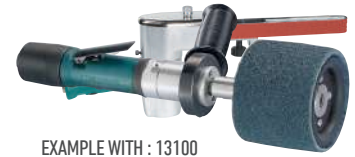


EXAMPLE WITH : 15003



EXAMPLE WITH : 14000

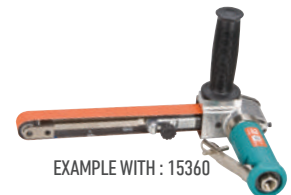
Size	Grit	Mineral	P/N	Qty/Box
38 x 762 mm	A VFN	A/O	73600	10
	CRS		73604	
	MED		73700	
	VF		73701	
	SF	S/C	73702	
	SSF		73603	
50 x 762 mm	A CRS	A/O	73498	10
	A MED		73499	
	A VFN		73550	
50 x 864 mm	A CRS	A/O	73551	10
	A MED		73552	
	A VFN		73553	
50 x 1143 mm	A CRS	A/O	73554	10
	A MED		73555	
	A VFN		73556	
50 x 1220 mm	A CRS	A/O	22284	10
	A MED		22285	
	A FIN		22286	
	A VFN		22287	
75 x 272 mm	A CRS	A/O	73575	30
	A MED		73576	
	A VFN		73577	
75 x 610 mm	A CRS	A/O	73569	10
	A MED		73570	
	A VFN		73571	
89 x 394 mm	A CRS	A/O	73572	10
	A MED		73573	
	A VFN		73574	
100 x 289 mm	A CRS	A/O	73578	10
	A MED		73579	
	A VFN		73580	



EXAMPLE WITH : 13100



EXAMPLE WITH : 13450



EXAMPLE WITH : 15360

DYNABRADE BELT TOOL VERSATILITY



40353 Dynaflex® II (.4 hp) is designed for exclusive use with non-woven nylon belts. This tool is excellent for setting grain lines, achieving consistent satin finishes, and removing oxide or weld discoloration. Shown with optional 11204 Contact Arm, with offset design ideal for slack polishing.



NON-WOVEN ABRASIVE DISCS

Non-Woven abrasive discs provide light grinding, blending and finishing solutions on a wide range of applications. The Dynabrade non woven disc line includes Surface Conditioning Discs DC 323, Unitized discs DU312 + Mandrel & DU368 and Oxide Removal

Discs DB357 + DU379.

Dynaprep discs are an excellent choice for cleaning and surface preparation prior to applying coatings, for cleaning welds, blending mismatch on machined

parts and light deburring of ferrous and nonferrous metals. Additionally, the discs excel at creating decorative finishes and in polishing applications where part conformability is required.

DS 323 SURFACE CONDITIONING DISCS

	A-COARSE	A-MEDIUM	A-VERY FINE	S-SUPER FINE
Scale Removal				
Stock Removal				
Heavy Deburring				
Light Deburring				
Light Finishing				
Blending				
Finishing				

ABRASIVE GRIT KEY

	A-COARSE
	MA-MEDIUM
	A-VERY FINE
	S-SUPER FINE

APPLICATIONS

- ▶ Surface blending on car body panels for optimized processing, grinding down and smoothing welds
- ▶ Decorative finishing, wood sanding, deburring, cleaning, oxide removal
- ▶ Removing light edge burrs and other irregularities on the surface
- ▶ For use on stainless steel, aluminum, titanium, alloys, fiberglass and plastic

FEATURES

- ▶ Non-woven web structure for less clogging and better lifetime than ordinary coated abrasive discs
- ▶ High content of aluminum oxide

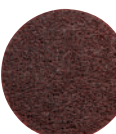
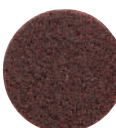
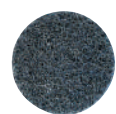
BENEFITS

- ▶ Disc can be easily changed with one turn of the locking-type system
- ▶ Greater resistance to loading due to the open structure of the discs compared to standard surface conditioning discs
- ▶ No slipping with the locking-type system and always central run. Less downtime for changes

TARGET MARKETS

- ▶ Removing surface defects on Plastic Products, Stainless Steel Furniture, Machinery for the Chemical and Food Industries, General production in the Automotive, Railway, Marine and Aerospace Industries

INFORMATION



Size	Grit	Attachment	P/N	Product Name	Qty/Box
50 mm	A-Coarse	Locking-Type	72953	DS 323R	50
	A-Medium		72954		
	A-Very Fine		72955		
	S-Super Fine		22616		
75 mm	A-Coarse		72956		25
	A-Medium		72957		
	A-Very Fine		72958		
	S-Super Fine		22617		
100 mm	A-Coarse	Hook Face	72959	DS 323V	25
	A-Medium		72960		
	A-Very Fine		72961		
115 mm	A-Coarse		72950		10
	A-Medium		72951		
	Very Fine		72952		
150 mm	A-Very Fine		22341		10
	A-Medium		22342		
	A-Very Fine		22360		



EXAMPLE : 47821



EXAMPLE : 48530



EXAMPLE : 54430

UNITIZED ABRASIVE DISCS – DU312F OR DU368

DU312F high-strength arbor hole discs features a non-woven abrasive web that is firm and durable, yet tough and conformable. Using high-performance abrasives and smear-resistant resin bond, unitized Discs combats tearing on burrs and sharp edges. Whether used alone or ganged together to form a wheel DU312F unitized discs are an ideal choice for removal of

rust, oxides or coatings, polishing pipe OD and ID, cleaning castings, gasket removal, blending out surface imperfections and handling marks, surface preparation for soldering, cleaning angles and odd shapes without changing part profiles. DU312F & DU368 unitized discs are a 3 dimensional abrasive made from highly compressed layers of non-woven web, saturated with specialized smear

resistant resin and premium abrasives. Unitized discs can generate moderate to light stock removal and achieve excellent finishes using their edges and face to deburr, blend and polish a wide range of surfaces and surface shapes on nonferrous and ferrous metals, exotic metals and alloys, composites and glass.

UNITIZED DISCS – DU312F

	A-COARSE	A-MEDIUM	S-FINE
Scale Removal			
Stock Removal			
Heavy Deburring			
Light Deburring			
Light Finishing			
Blending			
Finishing			

ABRASIVE GRIT KEY

	A-COARSE
	A-MEDIUM
	S-FINE

APPLICATIONS

- ▶ Deburring, blending and finishing on stainless steel, carbon steel, titanium, exotic alloys
- ▶ Removing of discoloration after the welding operation

FEATURES

- ▶ SiC or Alox/Fiber Backing
- ▶ 22 mm Center Hole

BENEFITS

- ▶ Excellent for deburring, round sharp edges and removing oxides from metal surfaces
- ▶ Use of the fine grits allows removal of oxides from weld seams without using any chemicals. Also excellent for surface preparation to mirror polishing

TARGET MARKETS

- ▶ Metal Fabrication, Molds Production

INFORMATION

UNITIZED ABRASIVES – SIC OR ALOX/FIBRE BACKING – DU312F

S: Silicon Carbide & A: Aluminium Oxide – Density 2: Soft/Flexible & 8: Hard/Stiff



Size	Density & Grit	Attachment	P/N	MOS	Qty/Box
115 mm	2 SFIN	22 mm Hole	72985	11,000 RPM	10
	3 SFIN		72986		
	2 AMED		72987		
	6 AMED		72988		
	8 ACRS		72989		



EXAMPLE WITH : 52632

UNITIZED ABRASIVES – SIC OR ALOX/FIBRE BACKING – DU368R

APPLICATIONS

- ▶ Deburring, blending and finishing on stainless steel, carbon steel, titanium, exotic alloys
- ▶ Removing of discoloration after the welding operation

FEATURES

- ▶ SiC or Alox NWN Wheels and Discs
- ▶ Exists in center Hole or Locking-Type attachment
- ▶ Compressed non-woven layers in aluminum oxide for general purpose or in silicon carbide for delicate application

BENEFITS

- ▶ Controlled cut, cool running, low loading
- ▶ Flexible structure of the material reduces the risk of damage to the work piece
- ▶ Compressed layers of non-woven material for consistent and uniform finish with extended lifespan
- ▶ Excellent alternative to set-up wheels, greaseless compounds, and steel wool
- ▶ Efficient removal with optical bright finishing

TARGET MARKETS

- ▶ Metal Fabrication, AOEM, Maintenance

INFORMATION



Size	Density & Grit	Attachment	P/N	MOS	Qty/Box
50 mm	2 SFIN	Locking-Type	24599	15,000 RPM	10
	3 SFIN		22574		
	2 AMED		22573		
75 mm	2 SFIN	Locking-Type	72980		
	3 SFIN		72981		
	2 AMED		72982		
	6 AMED		72983		
	8 ACRS		72984		

SCHAFT MANDREL FOR MOUNTING CENTER HOLE ABRASIVES



Diameter	P/N	Qty/Box
6 mm	72998	5

OXIDE REMOVAL ABRASIVES

Oxide Removal Discs DB357 – DU379 are made from a slightly compressed, tough, non-woven web that is saturated with specialized resins and extra coarse abrasives. This formulation forms a very open structured disc that will not load on soft metals or when removing sticky coatings.

Additionally, these discs won't snag or shed like a traditional coated abrasive cloth or fiber disc when stripping & cleaning weld beads, burrs from edges, heavy scale and rust encased surfaces. Being a 3D structure it can be used on edge as well as its face and is extremely versatile as a removal

and finishing tool that won't gouge or cause rework. Dynabrade Oxide Removal Discs comes in 3 variants Center Hole, Locking-Type or Shaft attachment

NOTE

- ▶ DB 357 Conforms to work area, ideal for use in automotive paint removal
- ▶ DO 379 Made of rigid open web that is aggressive and long-lasting

APPLICATIONS

- ▶ Ideal for work on stainless steel, standard or alloyed steel, aluminum, titanium, non-ferrous materials and alloys, fiberglass, plastic, stone or wood
- ▶ Aggressively removes paint and rust from welding seams, undercoating, seam-sealers and stone guards
- ▶ Applications in trunk beds and door jambs for removing sealant
- ▶ Used to remove oxidation from tire rims and rust from brake assemblies
- ▶ Removing weld blueing and oxide on stainless steel containers
- ▶ Removing of old gasket material on cylinder heads of diesel engines
- ▶ For cleaning welds and light coating removal

FEATURES AND BENEFITS

- ▶ Strong 3-dimensional synthetic fiber construction, very open, with extra-coarse silicon carbide
- ▶ High resistance to clogging and fast removal. Long lifetime; safer than wire brushes.
- ▶ Conforms to work piece and does not damage the surface
- ▶ Allows access to difficult areas like wheel wells and under-carriage
- ▶ Fast removal of rust and paint without base material removal

TARGET MARKETS

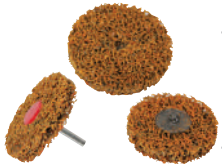
- ▶ Metal Fabrication, Automotive, Marine, General Industry

DB357 OXIDE REMOVAL ABRASIVES - SIC/NWN



Diameter	Thickness	Attachment	P/N	MOS	Product Name	Qty/Box	Type
75 mm	13 mm	13 mm Hole	72962	10,500 RPM	DB 357H	10	Oxide Removal Wheels/Discs - Black
		Locking-Type	72963	7,000 RPM	DB 357R		
		6 mm Shaft	72964	10,500 RPM	DB 357S		
100 mm	13 mm	13 mm Hole	72965	8,000 RPM	DB 357H	10	Oxide Removal Wheels - Black
		6 mm Shaft	72966		DB 357S		
	25 mm	6 mm Shaft	72969		DB 357S		
150 mm	13 mm	13 mm Hole	72967	5,350 RPM	DB 357H	10	
		8 mm Shaft	72968		DB 357S		
	25 mm	8 mm Shaft	72970		DB 357S		

D0379 OXIDE REMOVAL ABRASIVES - SIC/NWN



Diameter	Thickness	Attachment	P/N	MOS	Product Name	Qty/Box	Type
75 mm	13 mm	13 mm Hole	72971	10,500 RPM	D0 379H	10	Oxide Removal Wheels/Discs - Orange
		Locking-Type	72973	7,000 RPM	D0 379R		
		6 mm Shaft	72972	10,500 RPM	D0 379S		
100 mm	13 mm	13 mm Hole	72974	8,000 RPM	D0 379H		Oxide Removal Wheels - Orange
		6 mm Shaft	72975		D0 379S		
	25 mm	6 mm Shaft	72978		D0 379S		
150 mm	13 mm	13 mm Hole	72976	5,350 RPM	D0 379H		
		20 mm Hole	72949		D0 379H		
		8 mm Shaft	72977		D0 379S		
	25 mm	8 mm Shaft	72979		D0 379S		

OXIDE REMOVAL WHEELS

DB-FB & DP-FB Wheels are ideal for a wide range of deburring and finishing applications.

Wheels used on stainless steel, aluminum, titanium, carbon steel, plastic, composites, alloys and more!

DB-FB PLASTIC CORE FLAP BRUSHES - FLAP BRUSHES FOR SATIN FINISHING



Size	Grit	Bore	P/N	MOS	Qty/Box
105 mm x 100 mm	A CRS	19 mm	72821	3,400 RPM	1
	A MED		72948		
	A FIN		73049		
	A VFN		73140		
	S MED		73216		
	S FIN		73217		
	S VFN		73218		
	S SFN		72941		
	S UFN600		72942		
	SSFN 1000		73240		

DP-FB PLASTIC CORE FLAP BRUSHES IN C&P RAW MATERIAL - FLAP BRUSHES FOR SATIN FINISHING

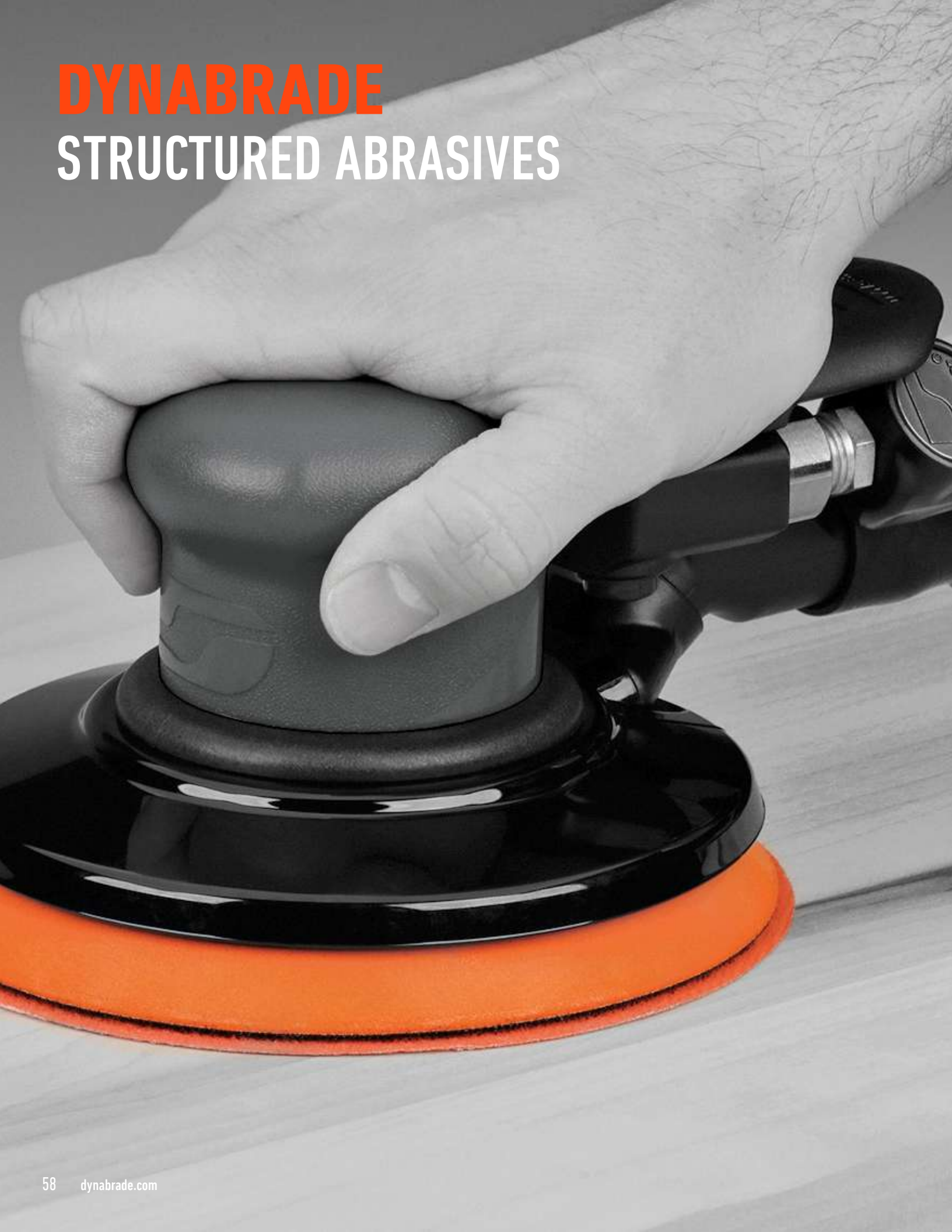
Suitable for Heavy Applications on stainless steel

Size	Grit	Bore	P/N	MOS	Qty/Box
105 mm x 100 mm	A MED Cut&Polish	19 mm	73297	3,400 RPM	1

FLAP DISCS

Size	Grit	Bore	P/N	MOS	Qty/Box
75 mm	P40	Locking-type	90924	20,000 RPM	1
	P60		90925		
	P80		90926		
50 mm	P60		90971	30,000 RPM	
	P80		90972		
	P120		90973		

DYNABRADE STRUCTURED ABRASIVES



STRUCTURED ABRASIVES CLOTH BACKED – HOOK FACE

APPLICATIONS

- Intermediate to final finish on stainless steel, Metals and Aluminum

FEATURES

- Structured abrasive
- Wide product range

BENEFITS

- Long life
- Consistent finish
- Suitable for intermediate to fine finish

TARGET MARKETS

- Metalfabrication, AAM, AOEM, Marine, Aerospace, Wood, Carbon fibers

INFORMATION



115 mm



127 mm

Size	Grit*	Mineral	P/N	MOS	Qty/Box
115 mm	A6 H	A/O	22685	13.000 RPM	25
	A6 S	A/O	22682		
	A16 H	A/O	22684		
	A16 S	A/O	22681		
	A30 H	A/O	22683		
	A30 S	A/O	22680		
	A45 S	A/O	22686		
	A45H	A/O	22687		
127 mm	A6 H	A/O	22679	13.000 RPM	25
	A6 S	A/O	22676		
	A16 H	A/O	22678		
	A16 S	A/O	22675		
	A30 H	A/O	22677		
	A30 S	A/O	22674		
	A45 S	A/O	22688		
	A45 H	A/O	22689		

GRIT* : H = HARD / S = SOFT



EXAMPLE WITH: 49440

DYNASAF

Very fine grits structured abrasives for finishing applications with foam backing hook face

APPLICATIONS

- Final finish and preparation to polishing in AOEM, AAM, Aerospace, Marine, Woodworking

FEATURES

- Soft structure
- Precise abrasive coating
- Very fine grits

BENEFITS

- Conformable, suitable for contoured surfaces
- Even and consistent finish
- Easy to buff

TARGET MARKETS

- AAM, AOEM, Marine, Aerospace, Wood, Solid surface

INFORMATION



Diameter	Grit	Backing	P/N	Qty/Box
75 mm	P3000	Velcro	22843	15
150 mm	P3000	Velcro	22842	15
75 mm	P5000	Velcro	22885	15
150 mm	P5000	Velcro	22884	15



EXAMPLE WITH : 59025

DYNASAF 379 YB

Film backed structured abrasives for intermediate to finishing applications

APPLICATIONS

- Final finish and mirror polishing on stainless steel, metals, solid surface, glass

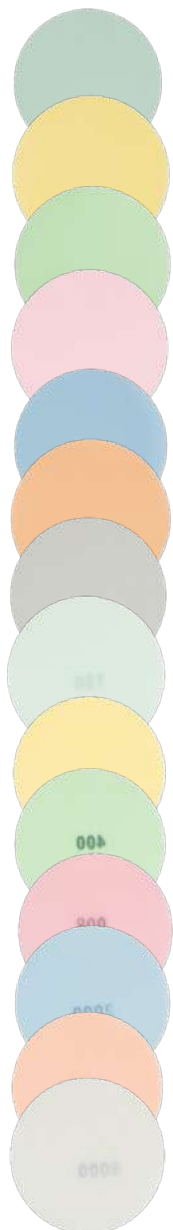
FEATURES AND BENEFITS

- Structured abrasive
- Film backing
- Long life, consistent finish and superior mechanical resistance

TARGET MARKETS

- Metal fabrication, solid surface

INFORMATION



Diameter	Grit	Backing	P/N	Qty/Box	Type
115 mm	80	Velcro	22740	50	Disc
	60		22741		
	35		22742		
	22		22743		
	9		22744		
	3		22745		
150 mm	1	Velcro	22746	50	Disc
	35		22699		
	22		22713		
	9		22714		
	3		22715		
	1		22717		
180 mm	80	Velcro	22726	50	Disc
	60		22727		
	35		22728		
	22		22729		
	9		22730		
	3		22731		
420 mm	1	Velcro	22732	50	Disc
	80		22733		
	60		22734		
	35		22735		
	22		22736		
	9		22737		
500 mm x 50 M	3	Velcro	22738	50	Jumbo Roll
	1		22739		
	35		22694		
	22		22695		
	9		22696		
	3		22697		
	5 TAO		22716		



EXAMPLE WITH : 51590



EXAMPLE WITH : 51430



EXAMPLE WITH : 51394

DYNABURR™

CARBIDE BURRS



DYNABURR™ CARBIDE BURRS

Carbide rotary burrs are used for cutting, shaping, grinding and for the removal of sharp edges, burrs and excess material.

Tungsten carbide burrs are commonly used on a variety of materials including steel, stainless steel, aluminum, cast iron, exotic alloys, precious metals, ceramics and composites, non-ferrous metals and wood.

The Key markets for DynaBurr Tungsten Carbide Burrs include Transportation – Aerospace, Rail, Marine and Automotive; Metalworking and Metal Fabrication – Welding, Tool and Die, Castings and Foundries; Energy – Oil and Gas, Wind Turbine.

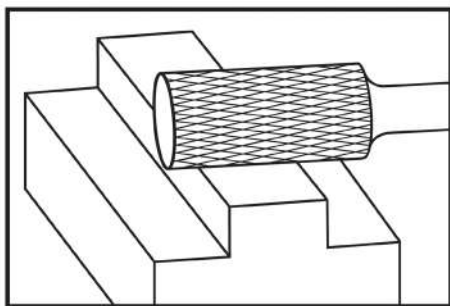


DynaBurr™ tungsten carbide burrs are used on Dynabrade pencil grinders and die grinders. All DynaBurr's are double cut style and are ideal for medium to light stock removal, chamfering, deburring, weld removal and blending, creating radii, precise finishing, polishing and for removal of parting lines and flash. DynaBurr tungsten carbide burrs provide significantly longer life than high speed steel burrs.

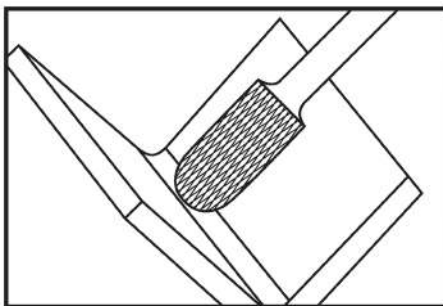
Available in 3 mm and 6 mm metric shanks and 1/8" and 1/4" shank sizes.

DynaBurr™ carbide burrs are offered in the most common shapes including:

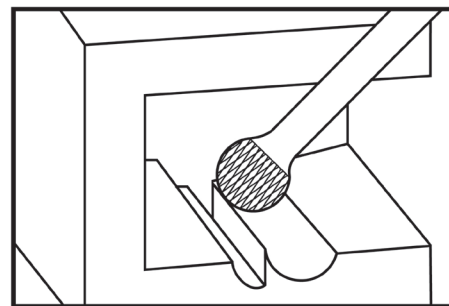
Cylinder, Radius End Cylinder, Ball, Cone, Inverted Cone, Tree and Flame to cover a broad range of applications and surface profiles.



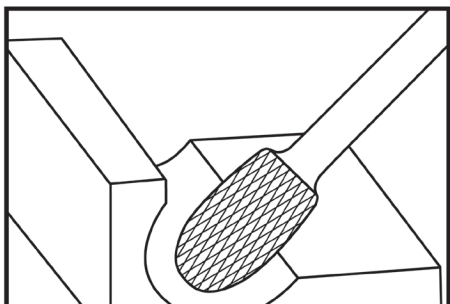
CYLINDER



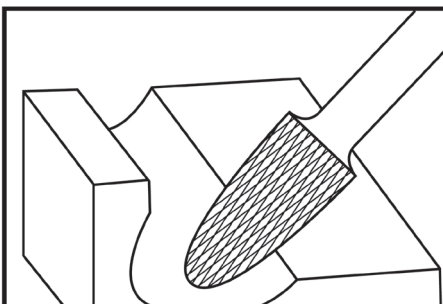
RADIUS END CYLINDER



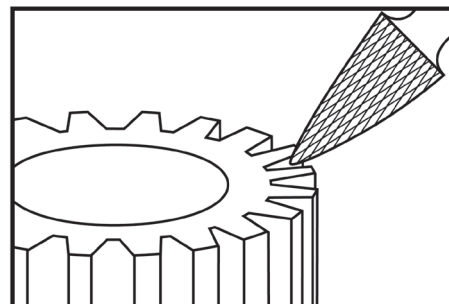
BALL



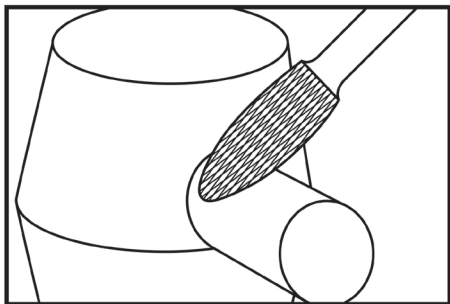
OVAL



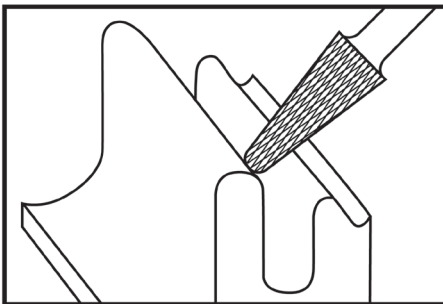
TREE



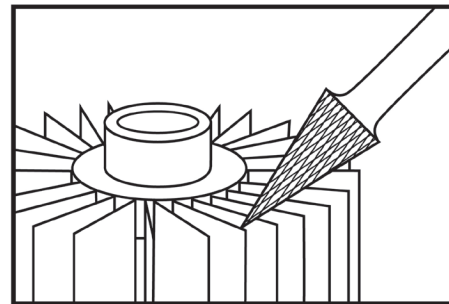
RADIUS END TREE



POINTED END FLAME



RADIUS END TAPER



CONE

FOR MAXIMIZING PERFORMANCE SAFETY

- 1 Apply light pressure and let the burr do the work.
- 2 Keep the carbide burr moving along the surface to avoid gouging and digging causing a rough surface.
- 3 Try to end on an up stroke to generate smoother finishes.
- 4 Ensure burr is inserted into the collet and clamped down tightly.
- 5 Work on the highest material first and use light pressure while keeping the burr moving.
- 6 Make sure the work piece or surface is secure.
- 7 Avoid jamming burr into the work piece.

MATERIALS	RECOMMENDED OPERATING SPEEDS								
Exotic Alloys	1,400–1,800 SFPM 420–540 m/min								
Hardened Steels 45HRc+	1,600–2,200 SFPM 480–660 m/min								
Non-Hardened Steels 45HRc-	2,000–2,600 SFPM 600–780 m/min								
Non-Ferrous Light Metals	2,600–3,000 SFPM 780–900 m/min								
Plastics, Hard Rubber, Fiberglass and Composites	2,400–3,000 SFPM 720–900 m/min								
BURR DIAMETER	RPM								
3-1/2" (2.5 mm)	45,000	53,000	60,000	66,000	73,000	79,000	86,000	92,500	100,000
1/8" (3 mm)	45,000	53,000	60,000	66,000	73,000	79,000	86,000	92,500	100,000
1/4" (6 mm)	26,000	30,000	34,000	37,500	41,500	45,000	49,000	52,500	55,000
3/8" (9 mm)	17,500	20,000	22,500	25,000	27,500	30,000	32,500	35,000	37,500

DIE GRINDER COLLETS & INSERTS

TERMINOLOGY

- COLLET: Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- BODY: The part of the collet that secures to the spindle of the tool and accepts the inserts.
- CAP: Secures collet body and retains insert.
- INSERT: The collapsible portion of the collet that retains the shank of the inserted tool.











COLLET ASSEMBLY TYPES

- TWO-PIECE: Insert threads into body.
- THREE-PIECE: Insert slips into body; cap threads to body, retaining the insert.
- FOUR-PIECE: Insert slips into body; cap slips over body; nut retains cap and insert.
- INTEGRATED: Collet body is integrated into tool.



DYNABURR™ CARBIDE BURRS CONTINUED

DynaBurr™ carbide burrs are used with Dynabrade die grinders for rapid material removal, precise finishing, deburring, and removal of parting lines and flash. Carbide burrs provide longer life than high-speed steel burrs.

		1/8" DYNABURR™, DOUBLE CUT STYLE					1/4" DYNABURR™, DOUBLE CUT STYLE				
		Model Number	Tool Style	Cutter Diameter	Flute Length	Shaft Size	Model Number	Tool Style	Cutter Diameter	Flute Length	Shaft Size
	Cylinder	93338	SA-42	3/32"	7/16"	1/8"	93330	SA-1	1/4"	5/8"	1/4"
		93339	SA-43	1/8"	9/16"	1/8"	93331	SA-3	3/8"	3/4"	1/4"
	Cylinder Radiused End	93340	SC-41	3/32"	7/16"	1/8"	93332	SC-1	1/4"	5/8"	1/4"
		93341	SC-42	1/8"	9/16"	1/8"	93333	SC-3	3/8"	3/4"	1/4"
	Ball	93342	SD-42	1/8"	1/8"	1/8"	93334	SD-3	3/8"	5/16"	1/4"
	Oval	93343	SE-41	1/8"	7/32"	1/8"	93335	SE-3	3/8"	5/8"	1/4"
	Tree	93344	SF-42	1/8"	1/2"	1/8"	—	—	—	—	—
	Tree Radiused End	93345	SG-44	1/8"	1/2"	1/8"	93336	SF-3	3/8"	3/4"	1/4"
	Flame Pointed End	93346	SH-41	1/8"	1/4"	1/8"	—	—	—	—	—
	Taper Radiused End	93347	SL-42	1/8"	1/2"	1/8"	93337	SL-3	3/8"	1-1/16"	1/4"
	14° Cone End	93348	SM-42	1/8"	7/16"	1/8"	—	—	—	—	—
	10° Inverted Cone	93349	SN-42	1/8"	3/16"	1/8"	—	—	—	—	—

Package Quantity: 1

DYNABURR™ KITS

Kits (1/8" or 1/4" mm) include one Carbide Burr of each shape, as shown above. Packaged in high-quality wooden case.

Model Number	Burr Shaft Size	Burr Qty
93351	1/8"	12
93350	1/4"	8



DYNACUT INOX STAINLESS STEEL BURR KIT 94020
— 5 Piece, 1/4" shank burr shapes for cutting & grinding of stainless steel



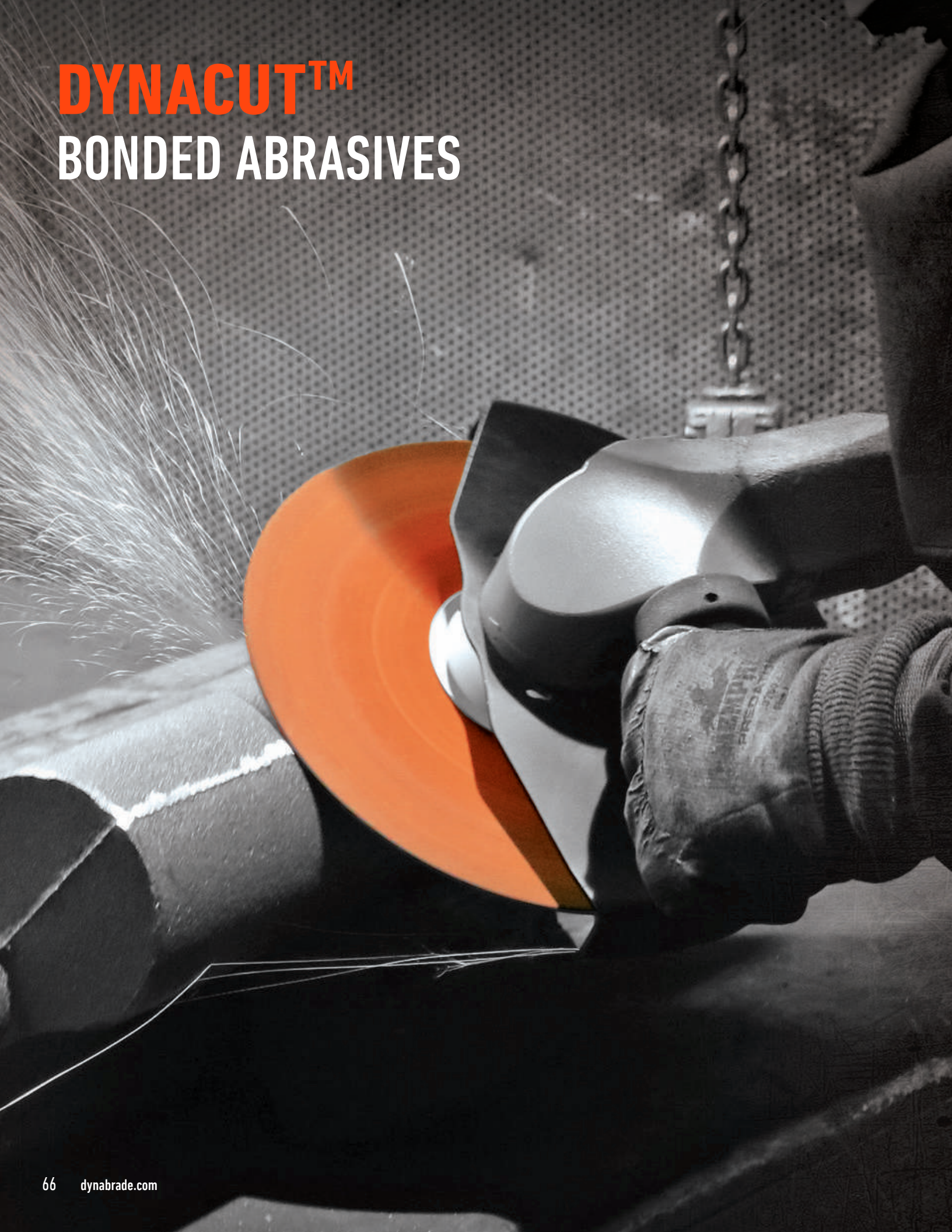
DYNACUT ALLOY SPECIFIC BURR KIT 94021
— 10 Piece, 1/8" burr shapes for cutting & grinding of nickel & titanium alloys



DYNACUT ALUMINUM & NON-FERROUS BURR KIT 94022
— 5 Piece, 1/4" shank burr shapes for cutting and grinding aluminum & other non-ferrous materials

DYNACUT™

BONDED ABRASIVES



DYNACUT™ BONDED ABRASIVES

APPLICATIONS

- ▶ Heavy Stock Removal and cut-off on steel/stainless steel and exotic Alloys

FEATURES

- ▶ 100% High-Performance ceramic grain abrasive
- ▶ High Strength resin and fiberglass reinforcement

BENEFITS

- ▶ Excellent cut rate
- ▶ Fast, cool cutting action provides a longer productive life
- ▶ 3-5 times the life of conventional aluminum oxide cut-off wheels

TARGET MARKETS

- ▶ Foundries, metal fabrication

DEPRESSED CENTRE WHEELS



Size	Grit	Attachment	P/N	MOS	Qty/Box
115 mm x 7 mm x 22 mm	24	Flange	22566	13.300 RPM	5
125 mm x 7 mm x 22 mm			22567	12.250 RPM	
230 mm x 7 mm x 22 mm			22568	6.650 RPM	



EXAMPLE WITH : 52633

CUT-OFF DISCS – ALUMINUM ZIRCONIA

Size	Grit	P/N	Qty/Box
75mm x 1mm x 10 mm	46	23368	100
100 mm x 1 mm x 10 mm		24668	25



EXAMPLE WITH : 54732

CERAMIC CUT-OFF DISCS



Size	Grit	P/N	Qty/Box
115 mm x 1,3 mm x 22 mm	60	22613	15
12 mm x 1,3 mm x 22 mm		22614	
230 mm x 2 mm x 22 mm		22615	



EXAMPLE WITH : 52580

DYNABRADE

POLISHING PRODUCTS

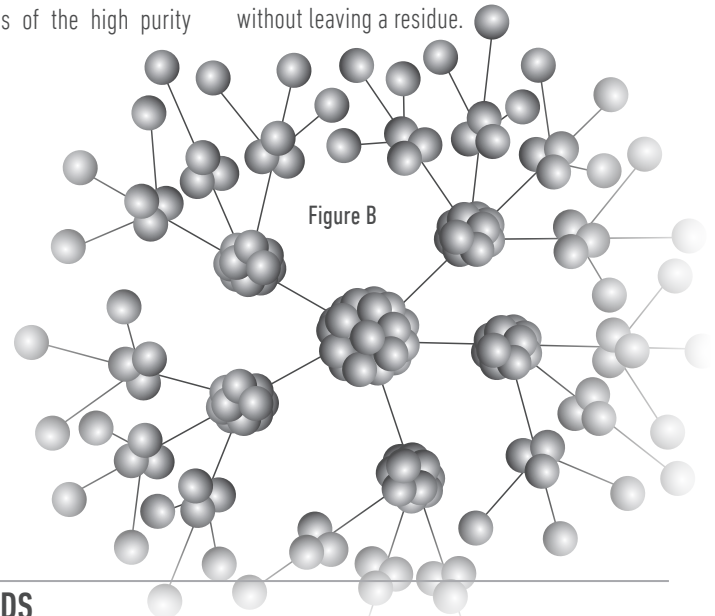
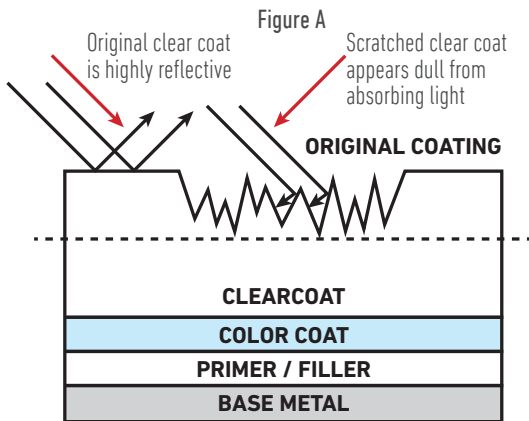


DYNABRADE FINISHING SYSTEM ABRASIVE TECHNOLOGY

Properly creating a high gloss surface, restoring a worn finish, or correcting defects in coatings, requires sanding to level the clear coat to with the base of the deepest scratch or defect. Using the Dynabrade Finishing System, polishing in one step can be achieved to restore a properly prepared, flat and highly reflective surface. (see Figure A)

Some compounds contain fillers and wax that will fill the defect and appear to generate a high gloss finish, but after a few washes the filler erodes and defects will re-appear. Dynabrade Finishing System compounds contain a unique, high-purity abrasive powder technology with no fillers, waxes, silicone or harmful chemicals. The unique characteristics of the high purity

abrasive allow it to begin polishing coarsely and gradually breakdown to an ultra-fine cut creating a high gloss shine or polish in one step for most colors, on all types of paints. (see Figure B) Without fillers or waxes the Dynabrade Finishing System leaves a completely smooth, flat and highly reflective surface and is easy to wipe away without leaving a residue.



THE DYNABRADE POLISHING SYSTEM | COMPOUNDS & PADS

The Dynabrade Polishing system is based on high performance compounds that are the result of decades of research and development. Utilizing a unique abrasive powder technology,

the abrasive grain in our high-performance compounds is based on an optimized high-purity, white aluminum oxide powder. The Dynabrade system can remove defects and scratches as well

as polish surfaces in only one step, creating a brilliant mirror-like gloss. Conventional polishing compounds require a minimum of two or more polishing steps to achieve similar results.

DYNARED - COARSE + FINISH

APPLICATIONS

- New generation polishing compound in coarse grade. Dynared is ideal for removing scratches from grit P1500-P2000 and finer. More aggressive than DynaCoarse but gives a very good glossy finish (comparable to DynaTeal)

FEATURES AND BENEFITS

- Increase Productivity, Reduce Labor Time and Costs. Silicone Free, Enhance Final High Gloss Surface Finish
- Avoids swirl and bloom marks as well as holograms when used with our random orbital motion polishers

TARGET MARKETS

- AAM, AOEM, Aerospace, Wind Energy, Metal Fabrication, Wood Working, Marine

Container	Packaging	Color	P/N
Bottle	1 Liter	Red	22017
Jug	5 Liters		22019



INFORMATION

DYNATEAL - FINE FINISHING

APPLICATIONS

- Removes deep scratches on any kind of surface.
- Polishing compound offers an aggressive cut that can flatten soft orange-peel effect in auto aftermarket.
- Removes medium defects such as swirl marks, water spots and sanding marks.
- Can be used to prepare the car body for the subsequent high gloss surface finish application..

FEATURES AND BENEFITS

- Increase productivity, reduce labor time and costs. Silicone free, enhance final high gloss surface finish
- Avoids swirl and bloom marks as well as holograms when used with our random orbital polishers

TARGET MARKETS

- AAM, AOEM, Aerospace, Wind Energy, Metal Fabrication, Wood Working, Marine

Container	Packaging	Color	P/N
Bottle	1 Liter	Teal	22011
Jug	5 Liters		22013



INFORMATION

DYNAORANGE - VERY FINE FINISH

APPLICATIONS

- Ideal polish for the second step of our Dynabrade "Two-Step" System when used with the corresponding foam and random orbital polisher. Leaves a high gloss, hologram free surface finish on all type of Automotive clearcoats
- Final finish operation combined with more aggressive compounds

FEATURES AND BENEFITS

- Increase productivity, reduce labor time and costs. Silicone free, enhance final high gloss surface finish
- Avoids swirl and bloom marks as well as holograms when used with our random orbital polishers

TARGET MARKETS

- AAM, AOEM

Container	Packaging	Color	P/N
Bottle	1 Liter	Orange	22021
Jug	5 Liters		22023



INFORMATION

DYNACOARSE – EXTRA COARSE FINISHING | 1 ITEM PER BOX

NOTES

- Dynacoarse ideal for fast removal of deep scratches from grits P800-P1000
- Dynacoarse II is less aggressive and is ideal for removing scratches from grit P1200-1500 and finer.

APPLICATIONS

- Fast removal of deep scratches on gelcoat, paints, plastics. Ideal for application with rotary polishers and wool pads

FEATURES AND BENEFITS

- Increase productivity, reduce labor time and costs. Water-based polishing paste, silicone free, enhance final surface finish

Avoids swirl and bloom marks as well as holograms when used with our random orbital polishers

TARGET MARKETS

- AAM, Marine, Industry (Woodworking, Kitchen and Cabinets, Solid Surface)

INFORMATION

Container	Packaging	Color	P/N
Bottle	1 Liter	White	22030
Bucket	5 Liters	White	22014



EXAMPLE : 51400

DYNABRADE DENIBBING DISCS : FILM BACKED, SILICON CARBIDE, PSA/VELCRO | 10,000 RPM MOS

APPLICATIONS

- For use with Dynabrade Denibber tools in wet/damp operations to remove nibs from paint and lacquers

FEATURES

- Even and consistent tri-dimensional coating
- Silicon carbide mineral

BENEFITS

- Fast removal of nibs without wild scratches
- Superior and even finish

TARGET MARKETS

- Cabinet and Furniture Painting, AOEM, AAM, Marine, Boat Painting, Repair, Aerospace and Composites.

INFORMATION

DENIBBING DISCS FOR 2 STEP SYSTEM – SIC PSA / FILM BACKING



Size	Grit	MOS	P/N	Product Name	Qty/Box*
32 mm	A3	n.a.	22672	Dynabrade Denibbing Disc T3	500 per roll
	A5		22670		500 per roll
	A7		22671		500 per roll
	A3		22772		100 per tube
	A5		22770		100 per tube
	A7		22771		100 per tube

*Sold only per Pack



EXAMPLE WITH : 69502

POLISHING PADS & FOAMS – TERRY CLOTH, SYNTHETIC WOOL AND SHEEP SKIN | 1 ITEM PER BOX

TERRY CLOTH

- The most aggressive polishing pad. To be used to (Mirror)polish Chrome and Aluminum parts.

SHEEPSKIN

- Less aggressive than Terry Cloth pad. To be used to refresh old, hard and weathered surfaces.

SYNTHETIC WOOL

- Less aggressive than Sheepskin pad. To be used to polish weathered and dull painted surfaces and plastics.

MICROFIBER

- Less aggressive than Synthetic Wool pad. To be used to remove small scratches on paints, plastics and clearcoats

INFORMATION

CYLINDRICAL RETICULATED POLISHING FOAMS

- High performance foams in different densities
- Ideal for rotary polishing applications
- Pineapple shaped to avoid that compound will splash around
- Strong & Heat resistant cell structure for long lifetime
- Oversized diameter to avoid that back-Up pad will touch surface
- 25 mm thick with Radius edge to achieve smooth surface results
- Grey=Hard, Blue=Medium, Black=Soft

Product Name	Material	MOS	P/N	Size	Type	Qty/Box*
Micro buffing	Microfibre foam	12,000 RPM	56150	80 mm	Polishing Foams - Micro Buffing	20
Black d-foam	Reticulated foam		72800		Polishing Foams - Black Foam	20
Black foam			72801			20
			72802			240
Blue foam			73100			Polishing Foams - Blue Foam
			73101		20	
Grey foam			73400		Polishing Foams - Grey Foam	20
Blue foam - bulk			73200		Polishing Foams - Bulk Only	240
Grey foam - bulk			73500			240
Black foam	Reticulated foam	10,000 RPM	72901	135 mm	Polishing Foams	5
Blue foam			73201			5
Grey foam			73501			5
Micro buffing			Microfibre foam			73502
Black foam	Reticulated foam	3,400 RPM	73001	180 mm	Polishing Foams	2
Blue foam			73301			2
Grey foam			73601			2
Micro buffing	MicroFibre Foam		73602			2



Diameter	Material	MOS	P/N	Product Name	Qty/Box*
80 mm	Terry cloth	5,000 RPM	90027	Polishing Pad	1
	Synthetic Wool		90028		
	Sheep skin		90080		
135 mm	Sheep skin	3,400 RPM	90081		
180 mm		2,500 RPM	90082		
200 mm	Synthetic Wool		90083		



CONICAL RETICULATED POLISHING FOAMS

- ▶ High performance foams in different densities
- ▶ Ideal for Random Orbital polishing applications
- ▶ Pineapple shaped to avoid that compound will splash around
- ▶ Center hole to reduce friction caused by eccentric movement
- ▶ Strong & Heat resistant cell structure with stiff interface layer for long lifetime
- ▶ Oversized conical diameter to avoid that back-Up pad will touch workpiece
- ▶ 20 mm thick with Radius edge to achieve smooth and hologram-free surface results
- ▶ Grey=Hard, Green=Hard/Medium, Blue=Medium/soft, Black=Soft

Product Name	Material	Holes	P/N	Size	Type	Qty/Box*
Conical blue	Reticulated foam	0	74017	45 mm	Polishing Foams	50
Conical green			74018			
Conical grey			74019			
Conical blue	Reticulated foam	6 + 1	74003	87 mm	Polishing Foams - Bulk Only	240
Conical green			74004			
Conical grey			74005			
Conical black	Reticulated foam	1	74000	87 mm	Polishing Foams	5
Conical blue			74001			
Conical grey			74002			
Conical black	Reticulated foam	1	74009	138 mm	Polishing Foams	5
Conical blue			74010			
Conical green			74011			
Conical grey	Reticulated foam	1	74012	160 mm	Polishing Foams	2
Conical black			74013			
Conical blue			74014			
Conical green	Reticulated foam	1	74015	160 mm	Polishing Foams	2
Conical grey			74016			



5 LITERS CONTAINER ACCESSORIES – DISPENSER OR HOLDER | 1 ITEM PER BOX

Product	Material	Part Number	Color
Dispenser	Plastic	22005	White
Holder	Metal	22006	-



MICROFIBER WIPES – IDEAL FOR DYNABRADE'S "TWO-STEP" SYSTEM

APPLICATIONS

- Fast and complete removal of polish and paste residual after buffing/polishing.

FEATURES AND BENEFITS

- Silicone free. Excellent absorbency and quick drying.
- No edges (art. 22050) – totally scratch-free because there is no sewing tread (art. 22000: sewn edges)
- Transparent printing – special print is scratch-free with no damage to sensitive surfaces

INFORMATION

Container	Size	Part Number	Qty/Box
Blue & Yellow*	40 x 40 mm	22000	20
Orange	40 x 40 mm	22050	20



* Package includes 10x Blue & 10x Yellow colors can not be ordered individually

POLISHING FOAM TUBE HOLDER – HOLDS TWENTY 80 MM POLISHING FOAMS | 1 ITEM PER BOX

Material	Part Number	Size
Metal	22008	94 x 548 mm

For cylindrical Foams 80 mm only



DYNAMIRROR – METAL POLISHING PASTE | 1 ITEM PER BOX

APPLICATIONS

- ▶ Mirror polishing of stainless steel, brass and bronze.

FEATURES AND BENEFITS

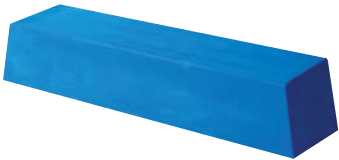
- ▶ Easily removes small scratches from previous working passage
- ▶ Gives a brilliant mirror finish

TARGET MARKETS

- ▶ Metal Fabrication, Casting and Forging

INFORMATION

Finish	Material	Part Number	Color
Very Fine	Paste	22024	Blue



TIPS AND TECHNIQUES FOR POLISHING WITH DYNABRADE COMPOUNDS AND PADS / FOAMS

HOW AND WHEN SHOULD THE POLISHING PADS BE CLEANED?

- If the pad begins to dust or stick during polishing, it is time to clean and remove the accumulated dirt and used polish from it. After polishing, all pads can be washed with water and a little cleaning agent. Note that lambskin pads should be left wet and re-attached to the hook face of polishing plate in order to prevent them from shrinking and losing their shape.

THE POLISH OFTEN SPLATTERS WHEN I USE THE POLISHER. WHAT AM I DOING WRONG?

- This can be caused by various reasons:
 - a) The polisher is turned on before bringing the pad into contact with the paint (frequent beginner's error)
 - b) Polisher speed too high
 - c) Too much polish
 - d) Tilting of polisher / formation of dust when polishing edges
 - e) Use of new pad that has not yet been worn in
 - f) Fresh pad, into which the polishing compound has not been distributed evenly prior to polishing

CONSIDERATIONS WHEN USING A NEW POLISHING PAD

1. Make sure that the entire surface of each new pad is coated sparingly and evenly with the required polish. (Note: Any part of the pad that is not coated with polish may cause micro-scratches.)
2. The rubbing compound should be spread across several points onto the paint surface with the pad and then distributed evenly and rubbed in (BEFORE TURNING ON THE POLISHER). The aim is to have sufficient unused rubbing compound over the entire surface in order to ensure a uniform cut.
3. Now set the polisher/pad onto the paint surface and check whether you have set the polisher to the right speed.
4. Always START the polisher ON the surface and STOP the polisher OFF the surface.
5. The actual polishing process can now begin. Switch on the polisher.

IMPORTANT: you do not need to exert heavy downward force to keep the back-up pad and abrasive flat on the surface.

6. Make sure that the area of the surface you wish to work on is not too large. Always remember: you should be able to cover the selected surface from one comfortable position. Do not reach or extend beyond a comfortable range. You want to be able to keep uniform pressure across the entire area being polished. A 50 x 50 cm area is a common size to work at one time.
7. Follow a set pattern when buffing. It is suggested to pass over the surface, following a criss-cross "North, South, East, West" pattern, overlapping each pass by 50% of the diameter of the pad. (see diagram below) This ensures that a uniform finish is achieved. (See Figure A)

Check your progress and completely clean the surface with new microfiber towel. Wipe in a straight motion (not circular) to be able to detect any areas that might need additional work. If any defects are noticed, reapply compound to the pad and continue in that area until the surface is free of all defects. Always clear away and completely remove any polishing compound residues before progressing to the next area or polishing step. Do not use the same microfiber towel for different grades of compound.



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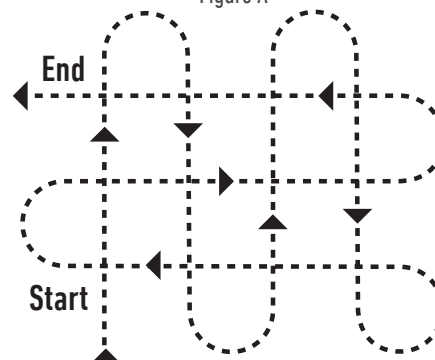


Terry Cloth

Synthetic Wool

Sheep Skin

Figure A





DYNABRADE MICROABRASIVES & SUPERABRASIVES

MICROABRASIVES

Microfinishing and Lapping Films | Rolls for use on Dynabrade Superfinisher | Sheets for hand use

NOTES

- ▶ Microfinishing Film: For stock removal operations & intermediate finishes, or when required surface roughness is within certain limits
- ▶ Lapping Film: For finer finishes when the required surface roughness is very low

APPLICATIONS

- ▶ Microabrasives are used for superfinishing and lapping applications, usually on a Superfinisher machine but also on specific machines for peculiar applications (e.g. superfinishing and lapping of camshafts and crankshafts)

FEATURES AND BENEFITS

- ▶ Minerals commonly used are aluminum oxide (for general purpose applications on metals and hard plastics) and silicon carbide (for applications on soft plastics and rubber)
- ▶ Microfinishing and lapping films are also available with synthetic diamond mineral, for superfinishing and lapping applications on very hard materials like ceramic coatings, hard steel alloys, or hard chrome coatings

TARGET MARKETS

- ▶ AOEM, General Industry, Plasma Coated Material Refining

INFORMATION

DLF 300 LAPPING FILM ROLLS – ALOX / FILM BACKING

Size	Grit	Backing	P/N	Qty/Box
100 mm x 50 M	40 MIC	3 MIL	73253	1
	30 MIC		73254	
	20 MIC		73255	
	15 MIC		73256	
	12 MIC		73956	
	9 MIC		73257	
	5 MIC		22611	



DLF 300 LAPPING FILM SHEETS – ALOX / FILM BACKING

Size	Grit	Backing	P/N	Qty/Box
228,6 mm x 279,4 mm (9" x 11")	40 MIC	3 MIL	73262	100
	30 MIC		73263	
	20 MIC		73264	
	15 MIC		73258	
	12 MIC		73259	
	9 MIC		73265	
	1 MIC		22331	

DMF 500 MICROFINISHING FILM ROLLS – ALOX / FILM BACKING FILM ROLLS

Size	Grit	Backing	P/N	Qty/Box
100 mm x 50 M	60 MIC	5 MIL	73352	1
	40 MIC		73353	
	30 MIC		73354	
	20 MIC		73355	
	15 MIC		73356	
	9 MIC		73357	
200 mm x 50 M	60 MIC	5 MIL	73266	1
	40 MIC		73267	
	30 MIC		73366	
	20 MIC		73268	
	15 MIC		73358	
	9 MIC		73367	



DCMF 500 MICROFINISHING FILM ROLLS – SILICIUM CARBIDE / FILM BACKING

Size	Grit	Backing	P/N	Qty/Box
200 mm x 50 M	30 MIC	5 MIL	73755	1
	15 MIC		73377	
	9 MIC		73378	
100 mm x 50 M	40 MIC	5 MIL	22755	1
	30 MIC		22756	
	20 MIC		22757	
	15 MIC		22758	

DMF 500 MICROFINISHING FILM SHEETS – ALOX/FILM BACKING

Size	Grit	Backing	P/N	Qty/Box
228,6 mm x 279,4 mm (9" x 11")	60 MIC	5 MIL	73269	100
	40 MIC		73276	
	30 MIC		73277	
	20 MIC		73278	
	15 MIC		73279	
	9 MIC		73282	

DMF 300 MICROFINISHING FILM ROLLS - ALOX/FILM BACKING

Size	Grit	Backing	P/N	Qty/Box
100 mm x 50 M	60 MIC	3 MIL	73360	1
	40 MIC		73361	
	30 MIC		73362	
	20 MIC		73363	
	15 MIC		73364	
	9 MIC		73365	



DDMF 400 DIAMOND MICROFINISHING FILM ROLLS

Size	Grit	Backing	P/N	Qty/Box
100 mm x 15 M	60 MIC	4 MIL	73260	1
	40 MIC		73388	
	30 MIC		73389	
	20 MIC		73390	
	15 MIC		73391	
	12 MIC		73392	
	9 MIC		73393	



DDLDF 300 DIAMOND LAPPING FILM ROLLS

Size	Grit	Backing	P/N	Qty/Box
100 mm x 15 M	60 MIC	3 MIL	73348	1
	45 MIC		73351	
	40 MIC		73441	
	30 MIC		73442	
	15 MIC		73443	
	9 MIC		73444	
	6 MIC		73919	
	3 MIC		72842	
	1 MIC		24664	



DYNAMOND SUPERABRASIVES

Size	Grit	Type	P/N	Description	Qty/Box
19 mm x 457 mm	Black N125	Belt	73445	Diamond Belt	1
25 mm x 762 mm	Black N125		22599		
50 mm x 1220 mm	Black N125		73026		
	White N20		72933		
	Green N250		73025		
	Red N74		73027		
230 mm x 280 mm	Black N125	Sheet	73419	Diamond Sheet	1
	Black N125		73719		
	Red N74		73816		
	White N20		73640		
	Yellow N40		73540		
	Black N125		73192		
	Black N125		73650		
	Blue R10		73655		
	Green N250		73656		
	Red N74		73193		
	Red N74		73651		
	White N20		73653		
	Yellow N40		73652		
	Yellow/WhiteN30		73654		
	YW-500 R30		22880		
	QR-3000 R3		22881		
75 mm	Green N250	Disc	22565	Diamond Disc	1
100 mm x 3000/5000 mm	Black N125	Strip	22323	Diamond Strip	1
	Red N74		22324		



DYNAMOND SPIRABAND

Size	Grit	Type	P/N	Description	Qty/Box
15 mm x 30 mm	GN-60	Ring	22830	Diamond Spiraband	1
	BK-120		22831		
	RD-200		22832		
30 mm x 30 mm	GN-60		22833		
	BK-120		22834		
50 mm x 42 mm	GN-60		22835		
	BK-120		22836		

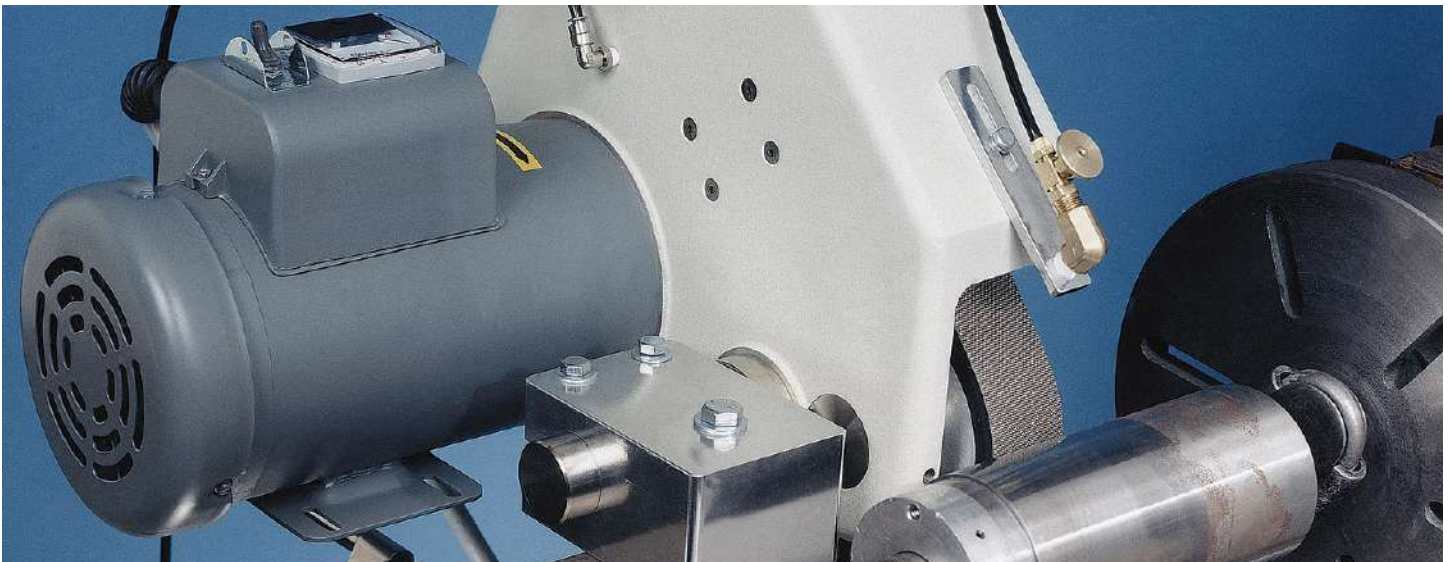
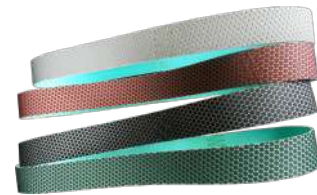
DIAMOND STRIPS

Size	Grit	Color	P/N	Qty/Box
100 mm x 3000/5000 mm	50	Grey	22889	1
	60	Green	22890	
	120	Black	22323	
	200	Red	22324	
	400	Yellow	22325	
	800	White	22326	



DIAMOND BELTS

Size	Grit	Color	P/N	Qty/Box
1220 mm x 50 mm	50	Grey	22300	1
	60	Green	22311	
	120	Black	22312	
	200	Red	22318	
	400	Yellow	22319	
	800	White	22320	
	1500	Blue	22321	
	3000	Orang	22322	



DYNABRADE MISCELLANEOUS



BI-METAL RECIPROCATING SAW BLADES

NOTES

- ▶ 6 Teeth per Inch: Used for demolition work in nail-embedded wood; also for fast cutting of Composites
- ▶ 10 Teeth per Inch: Used for demolition work in nail-embedded wood; also on pipe, stainless steel, carbon steel up to 6 mm thick
- ▶ 18 Teeth per Inch: Used on pipe, stainless steel, carbon steel up to 4.5 mm thick.

APPLICATIONS

- ▶ For use with Dynabrade Stockade Saws, for cutting and finishing metals, wood, plastics, carbon fibers, solid surface, etc

BENEFITS

- ▶ Shatter-resistant and excellent cut-rate

TARGET MARKETS

- ▶ Woodworking, Metal Fabrication, Marine, Composite

INFORMATION

BI-METAL RECIPROCATING SAW BLADES - 152 MM LONG

Teeth per Inch	Lenght x Width	P/N	Qty/Box
6	152 mm x Taper	90934	1
8	152 mm x 19 mm	90939	
18		90937	



NITRO SAW BLADES

Teeth per Inch	P/N	Qty/Box
24 Tooth saw Blade	90928	1
32 tooth Saw Blade	90929	



EXAMPLE WITH : RS1

RECIPROCATING FILES - DOUBLE CUT SWISS PATTERN

APPLICATIONS

- For precision finishing on delicate Parts and substrates. Also used for deburring and detail work.

BENEFITS

- 2 sets of Diagonal rows of teeth
- Excellent cut-rate

TARGET MARKETS

- Woodworking, Metal Fabrication, Marine and composites

INFORMATION



Rectangular



Half Round



Three Square



Round



Square



Crochet

Size	Tang	Shape		Cut	P/N	Qty/Box
89 mm - 102 mm Long	3 mm	Rectangular	Straight	00 (Very Coarse)	90900	1
			Curved	0 (Coarse)	90901	
		Square	Straight	00 (Very Coarse)	90910	
			Curved	0 (Coarse)	90911	
		Three Square	Straight	00 (Very Coarse)	90920	
			Curved	0 (Coarse)	90921	
		Half Round	Straight	00 (Very Coarse)	90930	
			Curved	0 (Coarse)	90931	
		Crochet	Straight	00 (Very Coarse)	90940	
			Curved	0 (Coarse)	90941	
		Round	Straight	00 (Very Coarse)	90950	
			Curved	0 (Coarse)	90951	

Diameter	Tang	Shape	Cut	P/N	Qty/Box
152 mm	11 mm x 2.5 mm	Rectangular	0 (Coarse)	90985	1
	6 mm	Square	00 (Very Coarse)	90984	
	6 mm	Three Square		90983	
	6 mm		0 (Coarse)	90988	
	6 mm x 2.8 mm	Half Round	00 (Very Coarse)	90981	
	6 mm	Round		90982	



DIAMOND CUT-OFF WHEELS - 3/32" THICKNESS | 1/8" DIAMOND GRIT WRAP

NOTES

- ▶ Continuous Rim: Used most commonly for fiberglass cutting
- ▶ Side Spoked: Used for sawing thicker material and curved surfaces, without jamming the wheel and stalling the tool

APPLICATIONS

- ▶ Utilized for fiberglass mold and flash trimming, plus trimming of composite components.

FEATURES AND BENEFITS

- ▶ Long life, sharp and precise cut, no burrs

TARGET MARKETS

- ▶ AOEM, Aerospace, Marine

INFORMATION



Diameter	Attachement	Type	MOS	P/N	Qty/Box
76 mm	3/8" Center Hole	Continuous Rim	20.000 RPM	93917	1
		Side Spoked		93646	
		Gulleted / Slotted		93658	
	2-1/4" Shank	Continuous Rim		93906	
		Side Spoked		93907	
102 mm	3/4" Center Hole	Side Spoked	20.000 RPM	93649	1
114 mm	3/8" Center Hole	Gulleted / Slotted	20.000 RPM	94912	
127 mm	3/4" Center Hole	Continuous Rim	20.000 RPM	93921	
		Side Spoked		93650	
		Gulleted / Slotted		93662	



Diamond cut-off wheels

COATED ABRASIVE BASICS – ABRASIVE TYPES

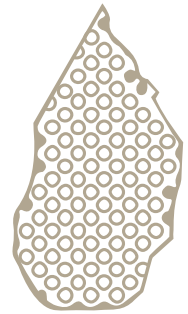
1

CERAMIC ALUMINA C/A

Ceramic Alumina is the most recent abrasive technology introduced in its first forms in the early 1980's. Chemical variations and special forming techniques continue to advance the use of this abrasive technology into more and more applications and material types.

2

The sub-micron structure of ceramic alumina allows each grain to continually expose sharp cutting points, resulting in a cooler cutting action and an extended life. It is the first choice for use on ferrous/non-ferrous metals, carbon steel and exotic alloys.



3

ZIRCONIA ALUMINA Z/A

Zirconia alumina is a super tough, man-made abrasive first introduced in the mid 1970's. It is tougher and sharper than aluminum oxide and retains its sharpness for a longer period. The microcrystalline structure ensures a more controlled breakdown, becoming self sharpening resulting in a free, cool cut for high stock removal applications.

Ideal for heavy-duty grinding of all ferrous and non-ferrous metals, high stock removal on wood, plywood and particleboard, grinding fiberglass, rubber and plastics.

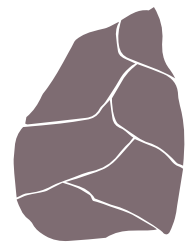


4

ALUMINUM OXIDE A/O

Aluminum Oxide was the second man-made abrasive to be invented. It is made in several versions including but not limited to Brown Aluminum Oxide, Light Brown Aluminum Oxide, White Aluminum Oxide and others.

Aluminum oxides run the gamut from very tough, block shaped and durable to hard, friable and very sharp. The result is an abrasives that can penetrate hard materials at high speeds for rapid stock removal. Aluminum oxides resist wear, generate a cool cutting action, provide long life and a freeness of cut on the widest range of materials.



5

SILICON CARBIDE S/C

Silicon carbide was the first man-made abrasives. It is the hardest and sharpest of the manufactured abrasives.

Blue/black in color, this abrasive grain enables fast stock removal and a cool cutting action on cast iron, non-ferrous metals, glass, rubber, plastic and stone. It is often used for final finishing on wood and creates the blue-bright finish on stainless steel.



COATED ABRASIVE BASICS

BOND TYPES

An adhesive bond or bond system is required to secure the abrasive grain to a backing. The majority of coated abrasive products are made with a two-stage bonding process while some unique polishing and lapping products being coated in one stage.

The make-coat and the size-coat are the two stages in most bonding processes. The make-coat is the initial layer of adhesive applied to the backing and allows for the precise placement of the abrasive grain onto the backing. This initial coating of make coat and grain is then dried to hold the grain in place. The size-coat is then applied over the abrasive mineral and make-coat and anchors the abrasive grain in place providing the desired physical strength of the finished product.

Adhesives include glue, urea resin, and phenolic resin are the three basic bonding agents most commonly used. There are numerous bond systems resulting from combinations of size-coat and make-coat adhesive like glue over glue, urea over glue, resin over glue and resin over resin. Glue over glue is the most flexible and oldest of the bond systems, while resin over resin bond is moisture-resistant, harder, less flexible, heat-resistant and has superior grain retention.

COATING TYPES

There are two common types of abrasive coatings most often used in the manufacturing of coated abrasives:
OPEN COAT AND CLOSED COAT.

- 1 OPEN COAT** → Coated abrasives made in an “open coat” have approximately 50% to 75% of the surface covered by abrasive grain. The evenly spaced voids between the particles of grain provide for chip clearance and reduces the effect of loading caused by wood dust or metal particles.
- 2 CLOSED COAT** → Coated abrasives made with a “closed” coating have virtually the entire surface of the backing covered with abrasive grain, with no voids between the particles. This is the most common coating, resulting in the most cutting tools available to produce the highest degree of stock removal and longest product life.

COATED ABRASIVES STORAGE & HANDLING

When coated abrasives are stored under proper conditions they will retain their useful life and performance over a longer period of time. When stored inadequately coated abrasives can become brittle, curl excessively, the adhesive bonds can weaken and breakage can occur. Storage temperature and humidity are two of the most important factors affecting coated abrasive performance. Some backings and bonds are sensitive to heat and humidity and will gain or lose moisture quickly as the surrounding conditions change. Some adhesive bonds weaken when exposed to high humidity causing the coated abrasive surface to fill or clog more quickly and cut less aggressively reducing productivity. When exposed to low moisture conditions for extended periods of time, certain coated abrasives can become brittle, less flexible and distort from their original shapes. This is especially true with paper and fiber backed abrasives where increasing or decreasing moisture in the backing can cause dimensional changes. When moisture increases or decreases in the backing it usually occurs at a rate faster than the coating it causes cupping or curling. Film backed coated abrasives and synthetic cloth back coated abrasives are less susceptible to the effects of changes in humidity, however cold temperatures can create a condition where the product should be allowed to come up to ambient room temperatures before use.

Ideally coated abrasives should be stored in a separate room whose partitions do not include outside walls. Humidity should be maintained around 50% with a temperature between 60 and 80 degrees. Keep all coated abrasives in their original containers as they are received. Cartons and boxes should be kept off floors and away from cold walls where they could absorb moisture. They should be kept away from direct sources of heat or cold – radiators, steam pipes, heat and air conditioning ducts or rooms near other sources of heat like ovens or furnaces.

COATED ABRASIVE BASICS - BACKING TYPES

PAPER

The smooth surface of paper results in products that can generate a consistent finish. Paper backings range in weights and corresponding thicknesses from A-weight to F-weight with A being the thinnest and most flexible to F as the thickest most durable.

A, B, C and D weight - commonly used for hand sanding and light to moderate machine sanding in the form of sheets, PSA (pressure sensitive adhesive) and Hook and Loop discs and sheet rolls.

E and F weight - for more aggressive mechanical operations and are used most commonly in the form of belts and discs.

CLOTH

Cloth backings are also identified by weight with the three most common being:

J-weight - most flexible

X-weight - a common heavy cloth that varies the most in flexibility, strength, and durability

Y-weight - heavyweight cloth expressly used for high stock removal operations.

Common cloth types used in coated abrasives are cotton, polyester, polyester, nylon, polyester/cotton blends, and rayon. Before it is coated with adhesives and abrasive grain, cloth backings first need to be filled or finished. A variety of fill or finishing materials are used to fill the voids and gaps in a woven cloth backing and can include glues, resins, or combinations of both to create various characteristics like flexibility, and toughness.


FIBER

Vulcanized fiber (a process where cotton fibers are chemically treated and then pressed under temperature and pressure to form a very durable backing) is used as the backing for resin fiber discs.

POLYESTER

Polyester film backings come in several thicknesses with 3 mil. and 5 mil. being the most commonly used for coated abrasives. Polyester films have high strength and are the smoothest of surfaces ensuring even coating. Film backed coated abrasives are most commonly used in disc shapes and rolls for applications requiring precise and consistent surface finish.

GRIT GRADING SYSTEMS



ANSI or CAMI	FEPA (P-Grade)	Structured Abrasives	Micron	DynaBrite® Surface Conditioning
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
1500	•	•	•	•
1350	•	•	•	•
1200	•	•	•	•
•	P2500	•	6	•
1000	•	•	•	Ultra Fine
•	P2000	A6	10	•
•	•	•	•	•
800	P1500	•	12	•
600	•	•	15	Super Fine
•	P1200	A16	•	•
500	P1000	•	•	•
•	P800	•	22	•
400	•	•	30	•
•	P600	A30	•	•
360	•	•	•	•
•	P500	•	•	•
•	P400	•	35	•
320	•	•	•	Very Fine
280	P360	A45	40	•
240	•	•	50	Fine
•	P320	•	52	•
•	P280	•	•	•
•	•	•	•	•
•	P240	A65	•	•
220	P220	A80	60	•
180	P180	A100	80	•
150	•	•	100	Medium
•	P150	•	110	•
120	•	•	120	Coarse
•	P120	•	125	•
100	•	•	150	Extra Coarse
•	P100	•	•	•
80	•	•	180	•
•	P80	•	•	•
•	P60	•	•	•
60	•	•	•	•
•	P50	•	•	•
50	•	•	•	•
•	P40	•	•	•
40	•	•	•	•
•	P36	•	•	•
36	•	•	•	•
•	P30	•	•	•
30	•	•	•	•
24	•	•	•	•
•	P24	•	•	•

CONVERSION TABLE

THE MEASURES

LENGTH

	Meters	Centimeters	Millimeters
1 Inch (in.)	0.0254 m	2.54 cm	25.4 mm
1 Foot (ft.)	0.3048 m	30.48 cm	304.8 mm

WEIGHT

	Kilograms	Grams
1 Ounce (oz.)	0.02835 kg	28.35 g
1 Pound (lb.)	0.454 kg	454 g

POWER

	Kilowatts	Watts
1 hp	0.745 kW	745 W

VOLUME

	Liters
1 US Gallon	3.785 l

TORQUE

	Newton Meters
1 Inch-ounce	0.00706 Nm
1 Inch-pound	0.11298 Nm

COMMON SIZES

Centimeters	Millimeters	Centimeters	Millimeters
3/32"	2.5 mm	4-1/2"	114 mm
1/8"	3 mm	5"	127 mm
3/16"	5 mm	6"	152 mm
1/4"	6 mm	7"	178 mm
3/8"	10 mm	8"	203 mm
1/2"	13 mm	9"	229 mm
3/4"	19 mm	11"	279 mm
1"	25 mm	12"	305 mm
1-1/4"	32 mm	18"	457 mm
2"	51 mm	20-1/2"	521 mm
2-3/4"	70 mm	24"	610 mm
3"	76 mm	30"	762 mm
3-1/2"	89 mm	34"	864 mm
4"	102 mm	44"	1118 mm

COMMON RECTANGULAR SIZES (W X L)

Inch	Millimeter
4" x 4-5/16"	102 mm x 110 mm
4-1/4" x 4-1/12"	108 mm x 114 mm
2-3/4" x 8"	70 mm x 203 mm
2-3/4" x 11"	70 mm x 279 mm
3-2/3" x 7"	93 mm x 178 mm
2-7/8" x 3-1/8"	73 mm x 79 mm
2-3/8" x 3-3/4"	60 mm x 95 mm

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WE LISTEN. WE OBSERVE. **WE OPTIMIZE.**



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