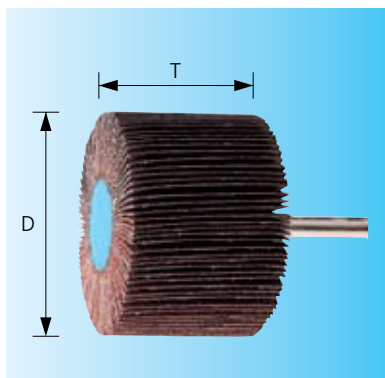




Coated Abrasive Tools

Fan Grinders

Fan Grinders Aluminium Oxide A



Fan grinders with aluminium oxide A grain are universally suitable for all materials.

Abrasive: Aluminium oxide (A)

The dimensions of these fan grinders (D x T mm) are evident from the order no.

Packaging unit: 10 pcs.

Ordering example F 6030/6 A 120

How to order

F = Fan grinder
6030 = D x T mm
6 = Shank dia. mm
A = Aluminium oxide
120 = Grit size

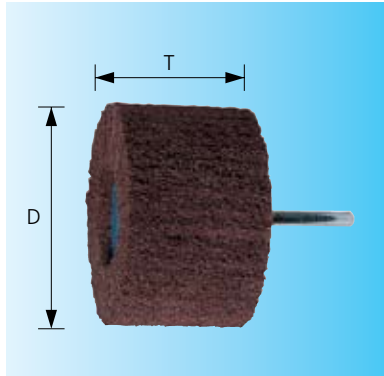
Description	Grit Size									Shank Dia. [mm]
	40	60	80	120	150	180	240	320	400	
	PPS Product Code									
F 2010/3 A	-	-	-	190876	-	190894	-	-	-	3
F 2010/6 A	-	-	190929	190947	-	190965	-	-	-	6
F 2515/6 A	-	190974	190992	191009	191027	-	-	-	-	6
F 2525/6 A	-	-	191045	191063	-	-	-	-	-	6
F 3005/6 A	-	-	191107	-	191125	191134	-	191152	-	6
F 3010/6 A	-	191205	191214	191232	191241	191269	-	-	-	6
F 3015/6 A	-	191237	191303	191321	191358	-	191376	-	-	6
F 4010/6 A	-	191394	191429	191447	-	-	191456	-	-	6
F 4015/6 A	-	191474	191483	191508	191526	-	-	191535	-	6
F 4020/6 A	-	191553	191571	191606	191624	191633	191651	-	-	6
F 5015/6 A	-	191697	191713	191722	191731	191759	191777	191786	-	6
F 5020/6 A	-	191802	191839	191857	191866	-	-	-	-	6
F 5030/6 A	-	191884	193123	193141	193178	-	-	-	-	6
F 6015/6 A	-	-	193187	-	193196	-	-	-	-	6
F 6020/6 A	-	193212	193221	-	193249	-	-	-	-	6
F 6030/6 A	193267	193285	193301	193338	193347	193356	-	-	-	6
F 6040/6 A	-	193365	193383	193392	193409	-	-	-	-	6
F 6050/6 A	-	193418	-	-	-	-	-	-	-	6
F 8030/6 A	193436	193454	193472	193506	193515	193524	193542	-	-	6
F 8050/6 A	193551	193588	193604	193622	193631	-	-	-	-	6



Non-Woven Tools

POLINOX® Mounted Points

POLINOX® Mounted Points PNL Aluminium Oxide



Made of multiple elements of non-woven abrasive material, arranged radially. Dense packing of the layers ensures a long service life.

These tools are used chiefly for surface conditioning.

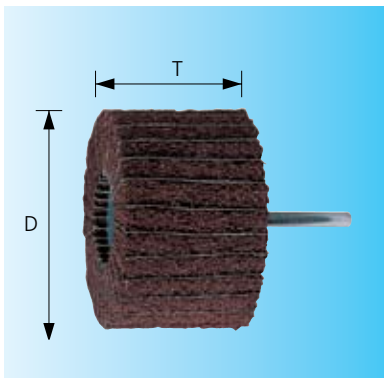
Abrasive: Aluminium oxide A

Ordering example
PNL 4020/6 A 100 = 148646

How to order
PNL = POLINOX® mounted point
4020 = D x T mm
6 = Shank dia. mm
A = Aluminium oxide
100 = Grit size

Description	Grit Size			D x T [mm]	Shank Dia. [mm]	
	100	180	280			
	PPS Product Code					
PNL 4020/6 A	148646	148664	148673	40 x 20	6	10
PNL 5030/6 A	148691	148717	148735	50 x 30	6	10
PNL 6050/6 A	148753	148771	148799	60 x 50	6	10
PNL 8050/6 A	148815	148833	148842	80 x 50	6	10

POLINOX® Mounted Points PNZ Aluminium Oxide



The non-woven abrasive is arranged in a plurality of radial elements with abrasive cloth interlayers. This structure permits an improved stock removal and produces a coarser finish.

Abrasive: Aluminium oxide A

Ordering example
PNZ 4020/6 A 100 = 148913

How to order
PNZ = POLINOX® mounted point
4020 = D x T mm
6 = Shank dia. mm
A = Aluminium oxide
100 = Grit size

Description	Grit Size		D x T [mm]	Shank Dia. [mm]	
	100	180			
	PPS Product Code				
PNZ 4020/6 A	148913	148931	40 x 20	6	10
PNZ 5030/6 A	148968	148977	50 x 30	6	10
PNZ 6050/6 A	148995	149011	60 x 50	6	10
PNZ 8050/6 A	149048	149066	80 x 50	6	10
PNZ 10050/6 A	-	-	100 x 50	6	5



GW Flap Wheel (LS)



Unmounted abrasive flap Wheels (LS) with a special wooden centre to fit on a tapered spindle. MDF wooden centre is universal to most tapered spindles.

Material: Aluminium Oxide on X - weight cloth baking

Grits Available: 40g - 400g

Description (dia x width)	Grit Size							
	40	60	80	120	180	240	320	400
	PPS Product Code							
LS16515	-	189414	-	189423	-	-	-	-
LS16525	189478	189487	189496	189502	189511	-	-	-
LS16550	189539	189548	189557	189566	189575	189584	189593	189619
LS25075	-	-	159637	-	-	-	-	-

GW Flap Wheel (FS)



Unmounted folded FS type. This unique design uses the sides of the abrasive wheel to finish within narrow channels.

PPS Product Code	Description	Grit Size
189405	GW Folded Type - FS 160 x 10	60g

**PPS**

INDUSTRIES LIMITED

Flap Rolls (Grinding Drums)



Abrasive Flap Rolls (Grinding Drums)



Made using aluminium oxide grain on a x-weight backing used for general deburring and finishing application on carbon and stainless steel.

Description	Grit Size						
	40	60	80	120	180	240	320
	PPS Product Code						
LW 100 100 A60	-	189432	-	189441	-	-	-

Abrasive Interleaved Flap Roll (Grinding Drum)



Made using alternating glaps of aluminium oxide coated abrasive and non woven material.
Used for producing a brushed surface finish on stainless steel. Slightly more aggressive than a fully non woven type.

Description	Grit Size	Non Woven	PPS Product Code	Brand
KW100 100 A80 MED	80	MED	189471	G.W
KW 100 100 A150 FINE	150	FINE	189472	G.W
PNZ 100 100 A60 COURSE	60	COARSE	222330	PFD
PNZ 100 100 A80 MED	80	MEd	222332	PFD



Non Woven Finishing Flap Roll (Grinding Drum)



Flaps of non woven finishing material, for surface preparation and finishing operations.

Description	Non Woven	PPS Product Code	Brand
VW 100100 MED	MED 80	189469	G.W
PNL-W 100 100 - 100	FINE 100	224086	PFD
PNL-W 100 100 - 180	FINE 180	224093	PFD



POLIFAN® Flap Discs

Product Lines, Product Categories

For the wide variety of abrasive grinding applications in industry and crafts PFERD now offers three new types of POLIFAN® flap discs with their proven colour coding system:

Steel/Cast Iron Soft Type - Hardness Grade P



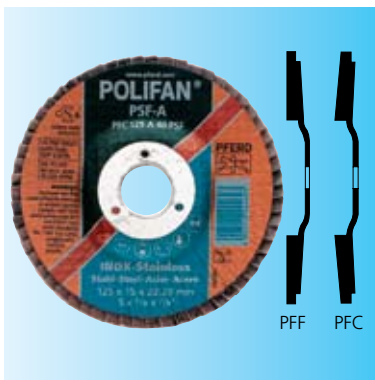
Universal Line PSF

For general purpose use in industry, crafts and DIY use.

Product Categories

Material	Steels INOX (Stainless)
 Universal-Line PSF	 PSF-ZIRKON

Metals/Plastics/Wood Type PSF-A



Versatile tool for multi-purpose grinding tasks. Suitable for angle grinders of all output categories.
PFERD product characterized by aggressive grinding performance and long tool life.
Optimizes inventory management due to its suitability for many materials.

Abrasive: Aluminium oxide
Grit sizes: 40, 60, 80, 120

Workpiece materials
Metals, plastics, wood

Application
Surface grinding, edge grinding

Recommendation for use
Achieves very good grinding results even at low contact pressure.

PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	Max. Speed [RPM]	
184419	PFC 115 A 120 PSF	120	115 x 12 x 22.23 (7/8")	13,300	10
184614	PFC 125 A 80 PSF	80	125 x 14 x 22.23 (7/8")	12,200	10



POLIFAN® Flap Discs Universal Line PSF **Steel/Stainless Steel (INOX) Type PSF-ZIRKON**



Tool for demanding general-purpose applications. PFERD product characterized by aggressive grinding action and long service life, particularly when used for edge grinding.

Abrasive: Zirconia alumina
Grit sizes: 40, 60, 80

Workpiece materials
Steel, stainless steel (INOX)

Application
Weld dressing, edge finishing



PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	
184473	PFC 115 Z 40 PSF	40	115 x 15 x 22.23 (7/8")	10
184534	PFC 115 Z 60 PSF	60	115 x 14 x 22.23 (7/8")	10
184561	PFC 115 Z 80 PSF	80	115 x 14 x 22.23 (7/8")	10
184749	PFC 125 Z 40 PSF	40	125 x 15 x 22.23 (7/8")	10
184794	PFC 125 Z 60 PSF	60	125 x 14 x 22.23 (7/8")	10
184847	PFC 125 Z 80 PSF	80	125 x 14 x 22.23 (7/8")	10
184945	PFC 180 Z 60 PSF	60	180 x 14 x 22.23 (7/8")	10

POLIFAN® Flap Discs Performance Line SG



High performance tool for maximum cost efficiency in demanding grinding jobs.

PFERD product characterized by aggressive grinding action and exceptional tool life.

Abrasive: Zirconia alumina
Grit sizes: 40, 60

Workpiece materials
Steel, stainless steel (INOX)

Application
Weld dressing, edge finishing

PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	
184455	PFC 115 Z 40 SG	40	115 x 18 x 22.23 (7/8")	10
184715	PFC 125 Z 40 SG	40	125 x 18 x 22.23 (7/8")	10
184936	PFC 180 Z 40 SG	40	180 x 20 x 22.23 (7/8")	10



POLIFAN® Flap Discs

Performance Line SG

Aluminium Oxide



Versatile tool for general professional use. Suitable for angle grinders of all output categories.

PFERD product characterized by aggressive grinding action and exceptional tool life.

Abrasive: Aluminium Oxide

Grit sizes: 24, 40, 60, 80, 120

Workpiece materials

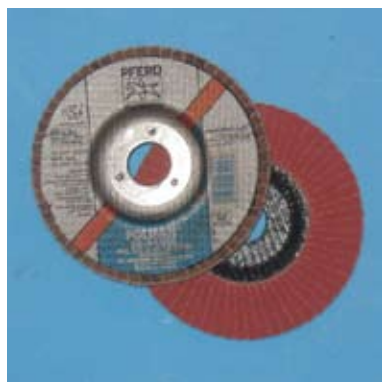
Metals, plastics, wood

Application

Surface grinding, edge grinding

PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	
184295	PFC 115 A 40 SG	40	115 x 17 x 22.23 (7/8")	10
184348	PFC 115 A 60 SG	60	115 x 17 x 22.23 (7/8")	10
184366	PFC 115 A 80 SG	80	115 x 17 x 22.23 (7/8")	10
184384	PFC 115 A 120 SG	120	115 x 15 x 22.23 (7/8")	10
184696	PFC 125 A 120 SG	120	125 x 15 x 22.23 (7/8")	10
184865	PFC 180 A 40 SG	40	180 x 19 x 22.23 (7/8")	10
184892	PFC 180 A 80 SG	80	180 x 17 x 22.23 (7/8")	10
184918	PFC 180 A 120 SG	120	180 x 15 x 22.23 (7/8")	10

Aluminium Oxide Plus Coolant



Professional tool for grinding to high surface finish standards with low heat input

PFERD product characterized by particularly low heat build-up on materials of poor thermal conductivity.

Abrasive: Aluminium Oxide Plus Coolant

Grit sizes: 40, 60, 80

Workpiece materials

Stainless steel (INOX), aluminium, non-ferrous metals

Application

Weld dressing, surface grinding with low heat input

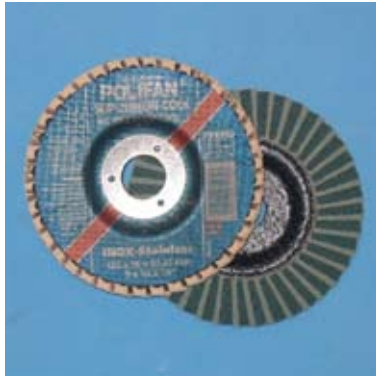
PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	
184311	PFC 115 A 40 SG COOL	40	115 x 17 x 22.23 (7/8")	10
184605	PFC 125 A 60 SG COOL	60	125 x 16 x 22.23 (7/8")	10
184632	PFC 125 A 80 SG COOL	80	125 x 17 x 22.23 (7/8")	10
184874	PFC 180 A 40 SG COOL	40	180 x 17 x 22.23 (7/8")	10



POLIFAN® Flap Discs

Special / High Performance Line SGP

SGP ZIRKON COOL



Special purpose tool for demanding grinding tasks with minimum heat loads.

PFERD product characterized by particularly low heat build-up, aggressive stock removal and high cost-efficiency.

Abrasive: Zirconia alumina grain with patented COOLFLAP® elements

Grit sizes: 40, 60, 80

Workpiece materials

Steel, stainless steel (INOX)

Application

Weld dressing, surface grinding

PPS Product Code	Description	Grit Size	D ₁ x B x D ₂ [mm(inch)]	
184437	PFC 115 Z 40 SGP COOL	40	115 x 18 x 22.23 (7/8")	10
184507	PFC 115 Z 60 SGP COOL	60	115 x 17 x 22.23 (7/8")	10
184703	PFC 125 Z 40 SGP COOL	40	115 x 18 x 22.23 (7/8")	10
184767	PFC 125 Z 60 SGP COOL	60	115 x 14 x 22.23 (7/8")	10



POLIFAN® Flap Discs



General purpose applications (mild steel and stainless)

Abrasive: Zirconia alumina

Grit sizes: 40, 60, 80, 120

Convex and flat

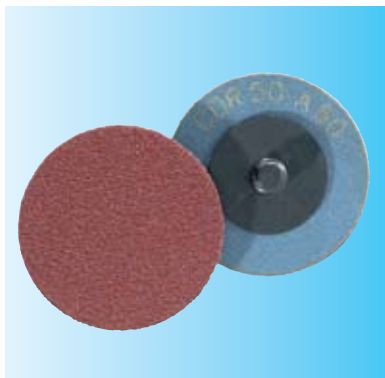
PPS Product Code	Description	Size and Grit
182723	Egeli Flap Disc - "Convex"	100 x 16 x Z 60
182732	Egeli Flap Disc - "Convex"	115 x 22 x Z 40
182741	Egeli Flap Disc - "Convex"	115 x 22 x Z 60
182769	Egeli Flap Disc - "Convex"	115 x 22 x Z 80
182778	Egeli Flap Disc - "Convex"	115 x 22 x Z 120
182787	Egeli Flap Disc - "Convex"	125 x 22 x Z 40
182796	Egeli Flap Disc - "Convex"	125 x 22 x Z 60
182803	Egeli Flap Disc - "Convex"	125 x 22 x Z 80
182812	Egeli Flap Disc - "Convex"	125 x 22 x Z 120
182821	Egeli Flap Disc - "Convex"	180 x 22 x Z 40
182849	Egeli Flap Disc - "Convex"	180 x 22 x Z 60
182858	Egeli Flap Disc - "Flat"	100 x 16 x Z 40
182867	Egeli Flap Disc - "Flat"	100 x 16 x Z 60
182876	Egeli Flap Disc - "Flat"	100 x 16 x Z 80
182885	Egeli Flap Disc - "Flat"	100 x 16 x Z 120



COMBIDISC® Grinding Tools

System CDR (Screw Connection with External Thread)

COMBIDISC® Abrasive Discs CDR Aluminium Oxide A



Aluminium oxide A types are suitable for grinding metals and other materials.

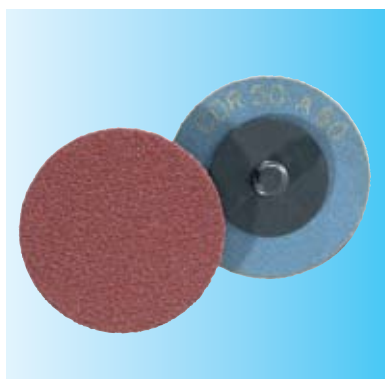
Abrasive: Aluminium oxide A
General Purpose

Ordering example
CDR 75 A 60 = 150945

How to order
CDR = COMBIDISC® abrasive disc
75 = Dia. D mm
A = Aluminium oxide
60 = Grit size

Description	Grit Size						Dia. D [mm]	
	36	60	80	120	180	320		
	Product Code							
CDR 75 A	-	150945	150954	150963	-	-	75	50

COMBIDISC® Abrasive Discs CDR CERAMIC



COMBIDISC® abrasive discs with Ceramic grain are suitable for use on hard-to-machine materials such as stainless steels, Hastelloy, Inconel, etc.

Active additives in the coating provide a noticeable improvement in stock removal while preventing loading and heat build-up.

Abrasive: Ceramic

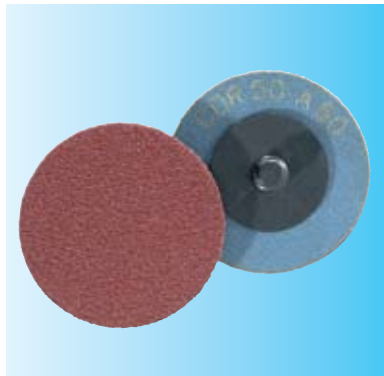
Ordering example
CDR 75 A 60 Ceramic = 150972

How to order
CDR = COMBIDISC® abrasive discs
75 = Dia. D mm
C0 = Ceramic
60 = Grit size

Description	Grit Size				Dia. D [mm]	
	36 Forte	60 Forte	80 Forte	120 Forte		
	Product Code					
CDR 75 C0	-	150972	150981	151007	75	50



COMBIDISC® Non-Woven Discs CDR Hard Type



Universally suitable for surface conditioning of metals, e.g., removal of prefinishing marks or oxidation, or light deburring jobs. The flexibility of these discs in surface grinding is determined by the hardness of the holder. Open structure.

Abrasive: Aluminium oxide A

Available grit sizes:

G = coarse (colour: yellowish brown)

M = medium (colour: reddish brown)

SF = very fine (colour: blue)

Recommendation for use

The quality of the surface finish, the cooler grind and tool life can be further improved by adding grinding oil or water.

Ordering example

CDR VRH 75 A SF = 151061

How to order

CDR VRH = COMBIDISC® non-woven disc hard

75 = Dia. D mm

A = Aluminium oxide

SF = Grit size very fine

Discription	Grit Size			Dia. D [mm]	Recom. Speed [RPM]	
	Coarse	Medium	Very Fine			
	Product Code					
CDR VRH 75 A	151043	151052	151061	75	4,000-5,000	25



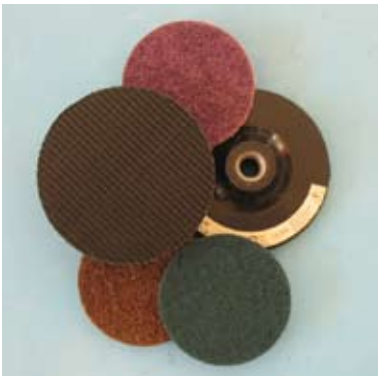
3M Roloc™ Surface Conditioning Discs



Provides a burr free decorative finish. Removes grind marks, rust and coatings from most metals.

PPS Product Code	Description	Diameter mm	Grade
137952	3M Roloc Scotchbrite	25	v/fine
137961	3M Roloc Scotchbrite	38	v/fine
137989	3M Roloc Scotchbrite	50	course
137998	3M Roloc Scotchbrite	50	medium
138005	3M Roloc Scotchbrite	50	v/fine
138014	3M Roloc Scotchbrite	75	v/course
139987	3M Roloc Scotchbrite	75	course
139996	3M Roloc Scotchbrite	75	medium
140001	3M Roloc Scotchbrite	75	v/fine

3M Surface Conditioning Discs (Backup Pad Hook & Loop)



Scotch-Brite™ Surface Conditioning discs are best for finishing, cleaning and light deburring on flat metal surfaces. The discs attach and remove easily from 3M Hook & Loop backup pads and can be used on angle grinders, random orbital sanders and rotary sanders.

PPS Product Code	Description	Diameter mm	Grade
222269	7450 Surface Conditioning disc	100	ACRS
222270	7451 Surface Conditioning disc	100	AMED
139683	SCA Surface Conditioning disc	115	medium
139692	SCA Surface Conditioning disc	115	v/fine
222272	SCA Surface Conditioning disc	125	course
222273	SCA Surface Conditioning disc	125	medium
222274	SCA Surface Conditioning disc	125	v/fine
222275	SCA Surface Conditioning disc	180	course
222276	SCA Surface Conditioning disc	180	medium
139772	SCA Surface Conditioning disc	180	v/fine
139781	SCA Surface Conditioning disc	200	course
139807	SCA Surface Conditioning disc	200	medium
139816	SCA Surface Conditioning disc	200	v/fine



3M Roloc™ 361F General Purpose Discs



Grind, blend and deburr all metals.

PRODUCT AVAILABILITY: Size: 76mm
Grades: P24 - P180

PPS Product Code	Description	Grade Grit
137603	3M Roloc 361F 76mm	24
137612	3M Roloc 361F 76mm	36
137621	3M Roloc 361F 76mm	50
139914	3M Roloc 361F 76mm	60
139923	3M Roloc 361F 76mm	80
137667	3M Roloc 361F 76mm	100
139932	3M Roloc 361F 76mm	120
137685	3M Roloc 361F 76mm	150
137694	3M Roloc 361F 76mm	180

Stainless / Exotic 3M 777F Regalite™ Discs



Incorporate Cubitron™ mineral and grinding aid for quick cutting and cool running. Ideal for stainless steel.

PRODUCT AVAILABILITY: Sizes: 50mm, 76mm
Grades: P36 - P120

PPS Product Code	Description	Grade Grit
137836	3M Roloc 777F 50mm	36
137845	3M Roloc 777F 50mm	50
137854	3M Roloc 777F 50mm	80
137863	3M Roloc 777F 50mm	120
139941	3M Roloc 777F 76mm	60
139969	3M Roloc 777F 76mm	80
137916	3M Roloc 777F 76mm	100
139978	3M Roloc 777F 76mm	120



Trizact Abrasive Roloc Discs



Blending and polishing all metals, especially good on stainless steel.

PRODUCT AVAILABILITY: Size: 76mm
Grades: A160 (P120) - A6 (P2500)

PPS Product Code	Description	Grade Grit
138078	3M Roloc Trizac 76mm	A 6 P2500
138087	3M Roloc Trizac 76mm	A 16 P1200
138096	3M Roloc Trizac 76mm	A 30
138103	3M Roloc Trizac 76mm	A 45 P400
138112	3M Roloc Trizac 76mm	A 65 P280
138121	3M Roloc Trizac 76mm	A 80 P240
139353	3M Roloc Trizac 76mm	A 100 P200
139362	3M Roloc Trizac 76mm	A 160 P120

Bristle Roloc Discs



Abrasive impregnated bristle discs are ideal for cleaning and removing a wide variety of substances from surfaces. Especially useful in removing soft sticky substances where clogging would be a problem or on surfaces where extra conformability is required eg. around rivet heads.

PRODUCT AVAILABILITY: Sizes: 25mm, 50mm, 76mm
Grades: 50 green, 80 yellow, 120 white

PPS Product Code	Description	Size mm	Colour
137729	3M Roloc bristle disc 50g	25	green
137738	3M Roloc bristle disc 80g	25	yellow
137747	3M Roloc bristle disc 120g	25	white
137756	3M Roloc bristle disc 50g	50	green
137765	3M Roloc bristle disc 80g	50	yellow
137774	3M Roloc bristle disc 120g	50	white
137783	3M Roloc bristle disc 50g	76	green
137792	3M Roloc bristle disc 80g	76	yellow



PPS
INDUSTRIES LIMITED

**Rex-Cut Quick
Change Discs**



Rex-Cut Quick Change Discs



Are ideal for use in the aircraft, food, automotive and general fabrication industries.

They leave no smearing on titanium and stainless steel. No loading on aluminium, grinds and finishes in one stip. Outlasts a coated disc by a minimum 10:1.

Quick Change (QC) discs should be used one to two grain sizes coarser than fibre discs i.e. 80g fibre disc, use a A54 or coarser QC disc. For optimum use, use a slightly smaller BUP to the disc.

PPS Product Code	Description
102926	25mm x A54 M Type R
102935	75mm x A36 F Type R
102944	75mm x A54 F Type R
102953	75mm x A80 F Type R

Specifications

F = Flexible

M = Medium (stiff)