

Fibre Discs



Karbosan fibre discs are offered in various types to meet different application needs.



Product Category Information

Karbosan fibre discs are offered in various types to meet different application needs. Fibre discs are served with a total of 6 different types of Silicon Carbide, Aluminum Oxide, Zirconium and Ceramic abrasives. Generally from 16 grit to 120 grit, from 100mm diameter to 230mm diameter, with various types such as 4 slotted, 8 slotted, slitted, Round Hole and Depressed Round Hole.

Abrasive	Product Code	Backing	Feature	
AO^{ECO} Aluminum Oxide	AWER11	Vulcanized Fibre	Ideal for sanding metal, aluminium, zamak and wood materials, having economic vulcanized fibre backing and Aluminum Oxide abrasive grains.	
AO Aluminum Oxide	AWR11		Ideal for sanding low alloy steel, stainless steel (Inox), aluminium, zamak and wood materials, having standard vulcanized fibre backing and aggressive Aluminum Oxide abrasive grains.	
ZR Zirconia	ZWR11		Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel, heat resistant steel and cast iron materials having standard vulcanized fibre backing and aggressive Zirconia abrasive grains.	
ZR^{TOPSIZE} Zirconia	ZWR51		Ideal for sanding stainless steel (Inox), high alloy steel and heat resistant steel and cast iron materials, having standard vulcanized fibre backing and aggressive Zirconia abrasive grains, also heat absorbant Topsize.	
CE^{TOPSIZE} Ceramic	CER51		Ideal for sanding stainless steel (Inox), high alloy steel and heat resistant steel and cast iron materials, having thicker vulcanized fibre backing and aggressive Ceramic abrasive grains, also heat absorbant Topsize.	

Accessories

Fibre Disk Backing Pads

Karbosan Fibre Disc Backing Pads works with Vulcanized Fibre Discs to enhance performance, lifetime and comfort. With a smooth, consistent finish during grinding and sanding, Karbosan Fibre Disc Backing Pads also reduce vibration for operator comfort. It is available in different sizes with dimensions of 115 mm, 125 mm and 180 millimetres.



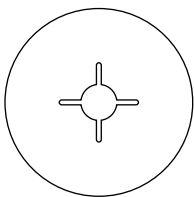
Application and Performance Table

●●● Perfect
●● Suitable
● Possible

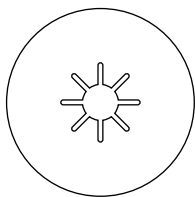
Abrasive	Wood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Copper / Non Ferrous Metal	Cast Iron	Glass / Stone / Marble / Vitrified	Performance
AO^{ECO} Aluminum Oxide AWER11	●●●	●●	●	●	●●●	●			Stock Removal ●●●○○○ Lifetime ●●●○○○
AO Aluminum Oxide AWR11	●●●	●●●	●●	●●	●●●	●			Stock Removal ●●●○○○ Lifetime ●●●○○○
ZR Zirconia ZWR11		●●●	●●●	●●●	●		●●		Stock Removal ●●●●○○ Lifetime ●●●●○○
ZR^{TOPSIZE} Zirconia ZWR51		●●	●●●	●●●	●		●●●		Stock Removal ●●●●○○ Lifetime ●●●●●●
CE^{TOPSIZE} Ceramic CER51		●●	●●●	●●●	●●		●●●		Stock Removal ●●●●●● Lifetime ●●●●●●

Types and Diameters

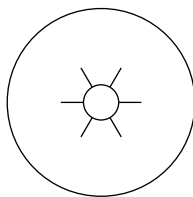
4 Slotted



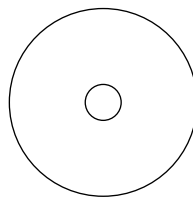
8 Slotted



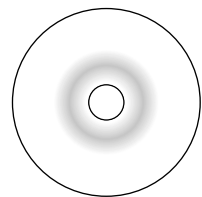
6 Slitted



Round Hole



Depressed Round Hole



Diameters

100 x 16 mm 4" x 5/8" Max. 80 m/s 15.300 rpm	115 x 22.23 mm 4½" x 7/8" Max. 80 m/s 13.300 rpm	125 x 22.23 mm 5" x 7/8" Max. 80 m/s 12.250 rpm	150 x 22.23 mm 6" x 7/8" Max. 80 m/s 10.200 rpm	180 x 22.23 mm 7" x 7/8" Max. 80 m/s 8.500 rpm	230 x 22.23 mm 9" x 7/8" Max. 80 m/s 6.650 rpm
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Product Types

AO^{ECO}
Aluminum Oxide

Product Code

AWER11

Application Area

Wood, Low Alloy Steel, Aluminium, Zamak.

AO
Aluminum Oxide

Product Code

AWR11

Application Area

Wood, Low Alloy Steel, Aluminium, Zamak, Stainless Steel (Inox).

CE TOPSIZE
Ceramic

Product Code

CER51

Application Area

Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron.

Feature

Topsized (Coating for heat absorbant)

ZR
Zirconia

Product Code

ZWR11

Application Area

Low Alloy Steel, Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron.

ZR TOPSIZE
Zirconia

Product Code

ZWR51

Application Area

Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron.

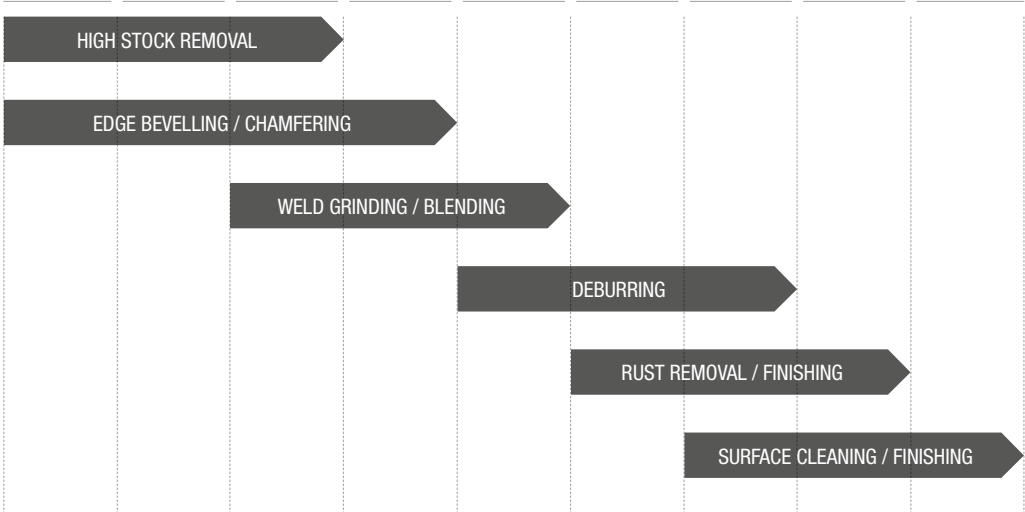
Feature

Topsized (Coating for heat absorbant)

Grit Size Application Guide

Coarse Grit  Fine Grit

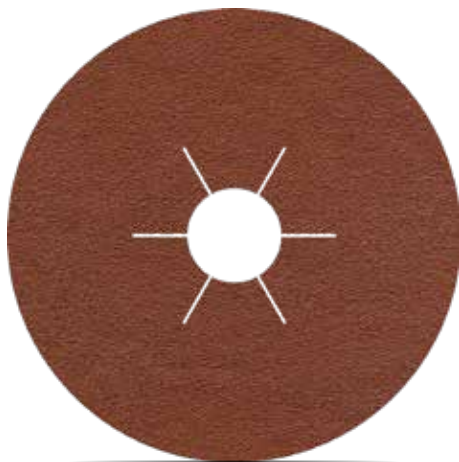
16 24 36 40 50 60 80 100 120



Product Backside Information



Aluminum Oxide Eco Fibre Discs



AO^{ECO}
Aluminum Oxide

Stock Removal ●●●○○○
Lifetime ●●●○○○

Product Code : AWER11
Abrasive : Aluminum Oxide
Backing : Vulcanized Fibre
Grit Range : 24-120
Application : Wood, Non Ferrous Metals, Aluminium, Zamak

Type	Dimension (mm)	24	36	40	50	60	80	100	120	Box	M. Box
 4 Slotted	100x16	985795	985801	985806	985812	985818	985824	985830	985836	50	200
	115x22.23	985796	903897	985807	985813	985819	985825	985831	985837	50	200
	125x22.23	985797	985802	985808	985814	985820	985826	985832	985838	50	200
	150x22.23	985798	985803	985809	985815	985821	985827	985833	985839	50	200
	180x22.23	985799	985804	985810	985816	985822	985828	985834	985840	50	200
	230x22.23	985800	985805	985811	985817	985823	985829	985835	985841	50	200
 6 Slitted	100x16	985902	985908	985914	985920	985926	985932	985938	985944	50	200
	115x22.23	985903	985909	985915	985921	985927	985933	985939	985945	50	200
	125x22.23	985904	985910	985916	985922	985928	985934	985940	985946	50	200
	150x22.23	985905	985911	985917	985923	985929	985935	985941	985947	50	200
	180x22.23	985906	985912	985918	985924	985930	985936	985942	985948	50	200
	230x22.23	985907	985913	985919	985925	985931	985937	985943	985949	50	200
 Round Hole	100x16	985955	985959	985963	985968	985974	985978	985982	985986	50	200
	115x22.23	958563	958564	958565	985969	958566	958567	958568	958569	50	200
	125x22.23	985956	985960	985964	985970	985975	985979	985983	985987	50	200
	150x22.23	985957	985961	985965	985971	985976	985980	985984	985988	50	200
	180x22.23	958719	958720	985966	985972	958721	958722	958723	958724	50	200
	230x22.23	985958	985962	985967	985973	985977	985981	985985	985989	50	200



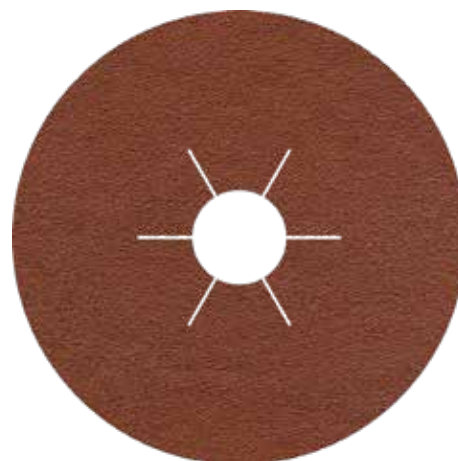
Aluminum Oxide Fibre Discs

AO

Aluminum Oxide

Stock Removal ●●●○○○
Lifetime ●●●○○○

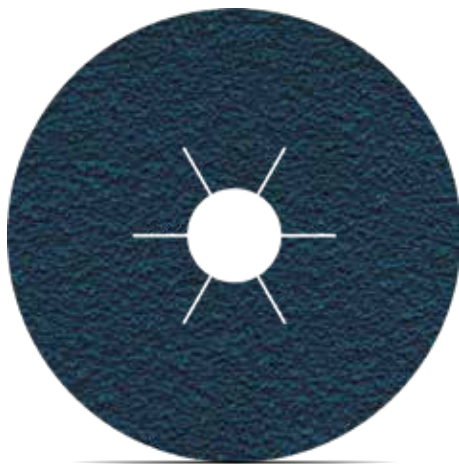
Product Code : AWR11
Abrasive : Aluminum Oxide
Backing : Vulcanized Fibre
Grit Range : 24-120
Application : Wood, Low Alloy Steel, Aluminium, Zamak, Stainless Steel (Inox)



Type	Dimension (mm)	24	36	40	50	60	80	120	Box	M. Box
 4 Slotted	100x16	958101	958102	984507	958103	984512	984515	984521	50	200
	115x22.23	958134	958135	958136	958137	958138	958139	958141	50	200
	125x22.23	958209	958210	958211	912822	958212	958213	958215	50	200
	150x22.23	984503	984505	984508	984510	984513	984516	984522	50	200
	180x22.23	912824	958271	958272	912113	958273	958274	958276	50	200
	230x22.23	984504	984506	984509	984511	984514	984517	984523	50	200
 6 Slitted	100x16	980142	980143	980144	912688	980145	980146	980147	50	200
	115x22.23	922320	922330	922340	922350	922360	922370	922380	50	200
	125x22.23	922400	922410	922420	922430	922440	922450	922460	50	200
	150x22.23	958386	958387	958388	984647	958389	958390	958391	50	200
	180x22.23	922480	922490	910195	922510	968132	922530	922540	50	200
	230x22.23	984644	984645	984646	984648	984649	984650	984654	50	200
 Round Hole	100x16	958475	958476	958477	958478	958479	958480	958482	50	200
	115x22.23	921020	921030	921040	921050	921060	921070	921080	50	200
	125x22.23	921100	921110	921120	921130	921140	921150	921160	50	200
	150x22.23	958642	958643	966817	966819	958644	966822	958646	50	200
	180x22.23	921180	921190	921200	921210	921220	921230	921240	50	200
	230x22.23	958768	958769	958770	958771	958772	966866	958774	50	200



Zirconia Fibre Discs



ZR

Zirconia

Stock Removal ●●●●○
Lifetime ●●●●○

Product Code : ZWR11
Abrasive : Zirconia
Backing : Vulcanized Fibre
Grit Range : 24-120
Application : Low Alloy Steel, Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Aluminium, Zamak, Cast Iron

Type	Dimension (mm)	24	36	40	60	80	120	Box	M. Box
 4 Slotted	100x16	985095	985098	985101	985110	985114	985122	50	200
	115x22.23	922652	958154	958155	958156	958157	904772	50	200
	125x22.23	923223	958219	958220	958221	958222	985123	50	200
	150x22.23	985096	985099	985102	985111	985115	985124	50	200
	180x22.23	904446	904447	985103	985112	985116	985125	50	200
	230x22.23	985097	985100	985104	985113	985117	985126	50	200
 6 Slitted	100x16	980148	980149	985181	980151	980152	980153	50	200
	115x22.23	922020	922030	922040	922060	922070	922080	50	200
	125x22.23	922100	922110	922120	922140	922150	922160	50	200
	150x22.23	958392	905699	958393	958394	903530	958395	50	200
	180x22.23	922180	922190	922200	922220	922230	922240	50	200
	230x22.23	985179	985180	985182	985184	985185	985187	50	200
 Round Hole	100x16	958496	958497	966780	958499	958500	958501	50	200
	115x22.23	921620	921630	921640	921660	921670	921680	50	200
	125x22.23	921700	921710	921720	921740	921750	921760	50	200
	150x22.23	958652	958653	966841	966843	966844	966840	50	200
	180x22.23	921780	921790	921800	921820	921830	921840	50	200
	230x22.23	958780	958781	966886	966888	966889	966885	50	200

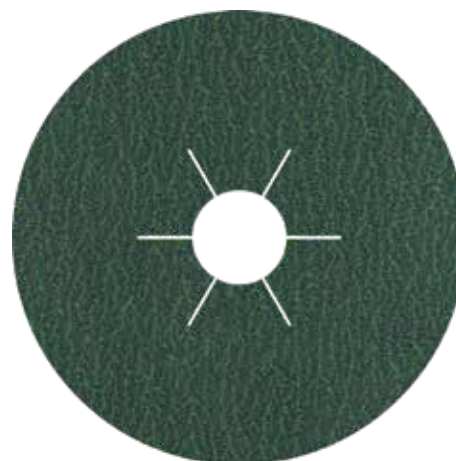


Zirconia Topsize Fibre Discs

ZR TOPSIZE
Zirconia

Stock Removal ●●●●○
Lifetime ●●●●●

Product Code : ZWR51
Abrasive : Zirconia
Backing : Vulcanized Fibre
Grit Range : 24-120
Application : Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron
Feature : Topsize (Coating for Heat Absorbant)



Type	Dimension (mm)	24	36	40	50	60	80	120	Box	M. Box
 4 Slotted	100x16	985240	985244	985248	985253	985259	985264	985275	50	200
	115x22.23	904448	958159	914822	985254	914824	914826	914828	50	200
	125x22.23	985241	985245	985249	985255	985260	985265	985276	50	200
	150x22.23	985242	985246	985250	985256	985261	985266	985277	50	200
	180x22.23	904445	904166	985251	985257	985262	985267	985278	50	200
	230x22.23	985243	985247	985252	985258	985263	985268	985279	50	200
 6 Slitted	100x16	985336	980154	985341	985344	980155	980156	980157	50	200
	115x22.23	923966	923967	923968	980217	923969	923970	923972	50	200
	125x22.23	923974	923975	923976	906076	923977	923978	923980	50	200
	150x22.23	985337	985339	985342	985345	966205	906369	985353	50	200
	180x22.23	923982	923983	923984	985346	923985	923986	923988	50	200
	230x22.23	985338	985340	985343	985347	985348	985349	985354	50	200
 Round Hole	100x16	966773	966774	966775	966776	966777	966778	966772	50	200
	115x22.23	924059	924060	924061	966787	924062	924063	924065	50	200
	125x22.23	924067	924068	924069	966801	924070	924071	924073	50	200
	150x22.23	966834	966835	966836	966837	966201	966838	966833	50	200
	180x22.23	924075	924076	924077	966850	924078	924079	924081	50	200
	230x22.23	966878	966879	966880	966881	966882	966883	966877	50	200

