

SHUR-KUT® Coated

Quick Change Discs

The reduced diameter of quick change discs provide ease of use on intricate parts, and excellent control when shaping or blending surface portions. Ideally used on flat surfaces to utilize more cutting action, the moderate flexibility of quick change discs and their holders also allow contouring and access to inner corners. The unique quick change functionality reduces changeover downtime and eases transitions between grit, material, or even abrasive type where multi-step processes are required.

Applications

- ▶ General purpose grinding and stock removal
- ▶ Deburring or parting line removal on cast parts
- ▶ Spot weld removal and blending
- ▶ Mold and cavity grinding and refurbishing
- ▶ Grinding and preparing hot castings



Quick Change Discs



CA CERAMIC PREMIUM QUICK CHANGE DISCS



Premium, self-sharpening grain with advanced grinding aid substantially reduces heat to increase cutting power on harder metals. Durable polyester backing and cooler cutting action extend product life on lighter pressure applications.

- ▶ Light pressure, high temperature applications
- ▶ Aggressive cut rate on hard or exotic alloys
- ▶ Reduced operator and product fatigue
- ▶ Higher, prolonged cut rate



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	60	80	120
Type S	2"	30,000	10,500	100	54559	54124	54561	54562
	3"	20,000	7,000	50	54563	54125	54564	54565
Type R	2"	30,000	10,500	100	54566	54503	54509	54504
	3"	20,000	7,000	50	54567	54505	54510	54506

● Ferrous ● Non-Ferrous ● Stainless ● Exotic Alloys ○ Plastics ○ Composites

CA CERAMIC ADVANTAGE QUICK CHANGE DISCS

Finer crystalline grain structure introduces more cutting points under medium pressure. Increased amount of smaller cutting points provides a finer finish and longer life.

- ▶ Continual exposure of fresh, sharp cutting points
- ▶ Top size coat reduces loading, glazing and dulling
- ▶ Ideal for medium pressure applications



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	50	60	80	120
Type S	2"	30,000	10,500	100	53824	53904	53905	53906	53907	53908
	3"	20,000	7,000	50	53914	53915	53916	53917	53918	53919
Type R	2"	30,000	10,500	100	53726	53899	53900	53758	53902	53876
	3"	20,000	7,000	50	53814	53910	53911	53834	53912	53913

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CA CERAMIC GRINDING AID QUICK CHANGE DISCS

Self-sharpening grains continually produce fresh cutting points, reducing friction and prolonging cut rates under lighter pressure. Additional grinding aid further reduces heat, extending disc life.

- ▶ Additional heat dissipation for high temperature grinding
- ▶ Sharp grains easily cut through stainless steel and alloys
- ▶ Flexible X-weight backing
- ▶ Extended life and grain retention



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	50	60	80	120
Type S	1-1/2"	30,000	13,000	100	40305	40306	40307	40308	40309	40310
	2"	30,000	10,500	100	40311	40312	40313	40314	40315	40316
	3"	20,000	7,000	50	40317	40318	40319	40320	40321	40322
Type R	1-1/2"	30,000	13,000	100	40323	49377	40325	40326	40327	40328
	2"	30,000	10,500	100	40329	40330	40331	40332	40333	40334
	3"	20,000	7,000	50	40335	40336	40337	40338	40339	40340

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Sc SILICON CARBIDE QUICK CHANGE DISCS

Hard, friable grain exposes sharp edges under light pressure. Contaminate free and safe for aerospace and food processing applications. Ideal for final processing or sanitary polishing applications.

- ▶ Sharper grains produce finer scratch patterns
- ▶ Cut and polish non-ferrous metals
- ▶ Approved use on aircraft components



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	60	80	120
Type S	2"	30,000	10,500	100	18154	16980	18157
	3"	20,000	7,000	50	18059	18166	49395
Type R	2"	30,000	10,500	100	18216	18217	32035
	3"	20,000	7,000	50	49393	32033	18232

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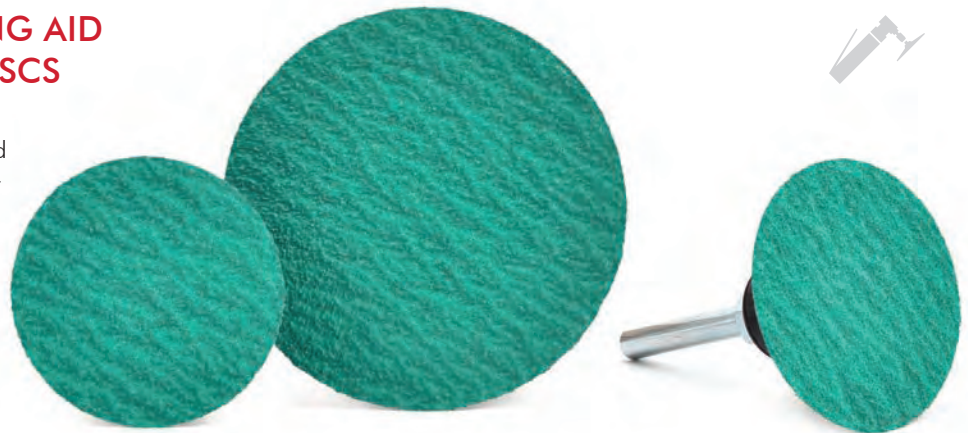
▶ Superior Support

Silicon carbide is ideal for aerospace operations in which iron contamination from other abrasive grains is of concern.

Zr ZIRCONIA GRINDING AID QUICK CHANGE DISCS

Long lasting, durable grains and sharp cutting action with additional grinding aid to reduce heat generation. Cooler cut reduces friction and premature breakdown of grains and backing.

- ▶ Extended stock removal with low heat generation
- ▶ Aggressive grinding on stainless steel
- ▶ Hybrid grain exposes fresh cutting edge during use



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	50	60	80	120
Type S	1-1/2"	30,000	13,000	100	36665	36666	36667	36668	36669	36670
	2"	30,000	10,500	100	36677	36678	36679	36680	36681	36682
	3"	20,000	7,000	50	36689	36690	36691	36692	36693	36694
Type R	1-1/2"	30,000	13,000	100	36671	36672	36673	36674	36675	36676
	2"	30,000	10,500	100	36683	36684	36685	36686	36687	36688
	3"	20,000	7,000	50	36695	36696	36697	36698	36699	36700

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Z ZIRCONIA A QUICK CHANGE DISCS

Dense grains continually generate new cutting edges, ideal for long lasting stock removal. Sharp grains reduce heat and friction in high pressure applications.

- ▶ Aggressive stock removal on hard metals and alloys
- ▶ Sharp cut reduces heat, friction and loading
- ▶ High pressure applications



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	40	50	60	80	120
Type S	2"	30,000	10,500	100	11155	11156	11157	11158	11159	11161
	3"	20,000	7,000	50	11162	11163	11164	11165	11166	11168
Type R	2"	30,000	10,500	100	11258	11259	11260	11261	11262	11264
	3"	20,000	7,000	50	11265	11266	11267	11268	11269	11271

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A ALUMINUM OXIDE GRINDING AID A QUICK CHANGE DISCS

Reduced heat, general purpose grinding action on a variety of materials. Ideal for stock removal, shaping and deburring. Specially applied grinding aid reduces heat in aggressive, high pressure applications, extending cutting life.

- ▶ Additional heat dissipation non-ferrous metals
- ▶ Cool cutting action and extended life
- ▶ Efficient grinding and shaping on aircraft grade aluminum



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	50	60	80	120
Type S	2"	30,000	10,500	100	16827	16829	16830	16831	16833
	3"	20,000	7,000	50	21344	26668	22391	26825	32018
Type R	2"	30,000	10,500	100	32050	32049	32048	32047	32045
	3"	20,000	7,000	50	32044	32043	32042	32041	32039

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A^o ALUMINUM OXIDE QUICK CHANGE DISCS

Dense, blocky grain well suited for general purpose grinding and stock removal. Durable use on ferrous, non-ferrous, stainless steels, alloys and non-metallics.

- ▶ General stock removal and shaping on most metals
- ▶ Spot weld removal or rough blending
- ▶ Leveling or blending imperfections



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	24	36	40	50	60	80	100	120	150	180	240	320
Type S	1"	40,000	20,000	100	54308	11087	11088	11089	11090	11091	11092	11093	50911	11095	11096	11097
	1-1/2"	30,000	13,000	100	11098	11099	11100	11101	11102	11103	11104	11105	11106	11107	11108	11109
	2"	30,000	10,500	100	11110	11111	11112	11113	11114	11115	11116	11117	11118	11119	11120	11121
	3"	20,000	7,000	50	11122	11123	11124	11125	11126	11127	11128	11129	11130	11131	11132	11133
Type R	1"	40,000	20,000	100	-	35361	42716	34998	11193	11194	38037	11196	-	11198	11199	39121
	1-1/2"	30,000	13,000	100	11201	11202	11203	11204	11205	11206	11207	11208	43491	11210	11211	33983
	2"	30,000	10,500	100	11213	11214	11215	11216	11217	11218	11219	11220	34463	11222	11223	11224
	3"	20,000	7,000	50	11225	11226	11227	11228	11229	11230	11231	11232	11233	11234	11235	11236

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A^o ALUMINUM OXIDE COMPACT GRAIN QUICK CHANGE DISCS

Clusters of aluminum oxide grains wear away to reveal fresh grains to maintain cutting rate and consistency, substantially extending disc life. Ideal for consistent surface finishes and stock removal rates.

- ▶ Consistent performance and extended wear rate
- ▶ Moderate pressure to evenly break down grain clusters
- ▶ Consistently polishing multiple heat sensitive parts

Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	80	120	180	240	320
Type S	2"	30,000	10,500	100	40270	40271	40272	40273	40274
	3"	20,000	7,000	50	40277	40278	40279	40280	40281
Type R	2"	30,000	10,500	100	40291	40292	40293	40294	40295
	3"	20,000	7,000	50	40298	40299	40300	40301	40302

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CA RIGID KUT CERAMIC QUICK CHANGE DISCS

Specialized backing for aggressive grinding and high-pressure applications on hard alloys and other metals. Rigid backing and improved grain retention transfer more pressure to properly breakdown ceramic grains, exposing new, sharp cutting edges.

- ▶ Self-sharpening grains permit cooler cut
- ▶ Better edge wear than fiber backings
- ▶ Apply higher pressure than standard backings



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	50	60	80	100	120
Type S	2"	30,000	10,500	100	47801	47802	47803	47804	47805	47806
	3"	20,000	7,000	50	47807	47808	47809	47810	47811	47812
Type R	2"	30,000	10,500	100	47813	47814	47815	47816	47817	47818
	3"	20,000	7,000	50	47819	47820	47821	47822	47823	47824

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AO RIGID KUT ALUMINUM OXIDE QUICK CHANGE DISCS

Stiff backing keeps grains in place during aggressive, general purpose applications. High edge retention resists shredding during sharp deburring applications. Dense aluminum oxide grains suitable for most metals and general applications.

- ▶ Dense grains ideal for stock removal
- ▶ Highly resistant to shredding
- ▶ Heavy deburring and edge applications



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	36	50	60	80	100	120
Type S	2"	30,000	10,500	100	46853	46854	46855	46856	46857	46858
	3"	20,000	7,000	50	46859	46860	46861	46862	46863	46864
Type R	2"	30,000	10,500	100	46871	46872	46873	46874	46875	46876
	3"	20,000	7,000	50	46877	46878	46879	46880	46881	46882

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QUICK CHANGE DISC HOLDERS



Type	Diameter	Shank	Max RPM	Std. Pkg.	SOFT	MEDIUM	FIRM
Type S	3/4"	1/4"	40,000	1	-	11169	-
	1"	1/4"	40,000	1	-	11170	-
	1-1/2"	1/4"	30,000	1	50257	11171	46310
	2"	1/4"	30,000	1	11172	11173	11174
	3"	1/4"	20,000	1	11175	11176	11177
	4"	1/4"	12,000	1	-	11178	-
Type R	3/4"	1/4"	40,000	1	-	40564	-
	1"	1/4"	40,000	1	-	11273	-
	1-1/2"	1/4"	30,000	1	50258	11274	51082
	2"	1/4"	30,000	1	50254	11275	40821
	3"	1/4"	20,000	1	50420	11276	38308
	4"	1/4"	12,000	1	-	34992	-