

SHUR-BRITE® Surface Conditioning

Surface Conditioning Quick Change Discs

The smaller diameters of quick change discs allow easy access to tighter areas of intricate workpieces, while maintaining a higher speed for aggressive material removal or blending. Used on right angle die grinders, quick change discs can be finessed and easily controlled for precision material removal, shaping or blending applications. Worn discs can be replaced without additional tooling, minimizing production downtime, and easing progressive finishing steps.

Features

- ▶ Smaller footprint for intricate parts and hard to reach work areas
- ▶ Fast product changeover with no additional tooling
- ▶ High speed operation for fast results
- ▶ Can be used with oils & lubricants to further reduce heat or smearing
- ▶ Free of metallic ingredients



X^E HIGH PERFORMANCE QUICK CHANGE DISCS

For aggressive applications requiring fast material removal, or lasting performance on harder metals. Exceptional contact pressure in small, flat areas.

- ▶ Aggressive blending & removal
- ▶ Firm cutting action for flat surfaces
- ▶ Heavy deburring
- ▶ Scale removal
- ▶ Rough shaping of soft materials
- ▶ Fastest initial stock removal



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	CRS	MED
Type S	1-1/2"	30,000	8,500	100	40412	40413
	2"	30,000	7,000	50	40414	40415
	3"	20,000	4,500	25	40416	40417
Type R	1-1/2"	30,000	8,500	100	40418	40419
	2"	30,000	7,000	50	40420	40421
	3"	20,000	4,500	25	40422	40423
	4"	12,000	3,500	25	41383	41384

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

▶ Superior Support

Each button type is associated with the corresponding holder and are not interchangeable.



E^P EXTENDED PERFORMANCE QUICK CHANGE DISCS

Aggressive, consistent finishing on hard, contoured surfaces. Durable edge retention and less smearing when used at tighter angles.

- ▶ Heavy blending & deburring
- ▶ High edge endurance
- ▶ Aggressive action on contours
- ▶ Consistent, heavy finishing
- ▶ Reduced heat on hard metals

Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	CRS	MED
Type S	1-1/2"	30,000	8,500	100	52332	52339
	2"	30,000	7,000	50	50760	50761
	3"	20,000	4,500	25	50762	50763
Type R	1-1/2"	30,000	8,500	100	52338	52340
	2"	30,000	7,000	50	50764	50765
	3"	20,000	4,500	25	50758	50766
	4"	12,000	3,500	25	51811	52290

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

▶ Superior Support

Material grades are determined by the size of abrasive grains, not the density or flexibility of the product. Using the same grain size within higher fiber or resin content will produce different, and sometimes unexpected results.

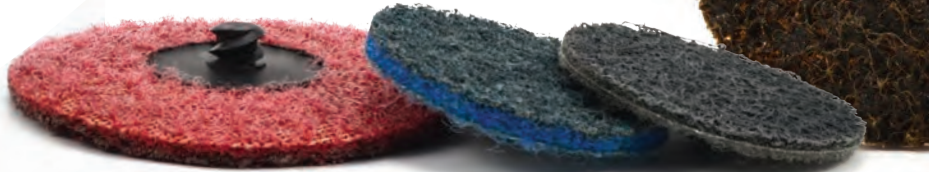
SHUR-BRITE® Surface Conditioning

GD GRIND DUTY QUICK CHANGE DISCS



A balanced density of grains and resin offer a controlled cut rate on harder metals and less loading on softer materials. Moderate cushion and flexibility reduces gouging or marring on all flat surfaces and contours.

- ▶ Blending coated scratch patterns
- ▶ Equal performance on flat or contoured surfaces
- ▶ Reduced risk of gouging softer materials
- ▶ Consistent performance
- ▶ Several grades available for progressive finishing



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	CRS	MED	VFN	SFN
Type S	1-1/2"	30,000	8,500	100	10541B	10542B	10543B	38456B
	2"	30,000	7,000	50	10544B	10545B	10546B	38457B
	3"	20,000	4,500	25	10547B	10548B	10549B	38458B
Type R	1-1/2"	30,000	8,500	100	10550B	10551B	10552B	38459B
	2"	30,000	7,000	50	10553B	10554B	10555B	38460B
	3"	20,000	4,500	25	10556B	10557B	10558B	38461B
	4"	12,000	3,500	25	32120B	18354B	18353B	41382B

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

FD FINISH DUTY QUICK CHANGE DISCS



Primarily used for surface finishing and preparation, FD quick change discs provide a consistent cutting rate and repeatable finish on stainless steels and non-ferrous metals. Cooler temperatures are maintained, resulting in longer life for uninterrupted application.

- ▶ Achieve required surface finishes
- ▶ Progressive scratch removal
- ▶ Surface treatment & preparation
- ▶ Added flexibility



Type	Diameter	Max RPM	Optimal RPM	Std. Pkg.	CRS	MED	VFN	SFN
Type S	1-1/2"	30,000	8,500	100	10541	10542	10543	38456
	2"	30,000	7,000	50	10544	10545	10546	38457
	3"	20,000	4,500	25	10547	10548	10549	38458
Type R	1-1/2"	30,000	8,500	100	10550	10551	10552	38459
	2"	30,000	7,000	50	10553	10554	10555	38460
	3"	20,000	4,500	25	10556	10557	10558	38461
	4"	12,000	3,500	25	32120	18354	18353	41382

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



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	-

► Superior Support

For added flexibility on inside contours, try using an undersized holder. Pressure and aggression will be compromised, but you may reach tighter areas.

