

# Orange colored WA Wheel

Used for grinding the hard and heat sensitive steels at light feed rates in surface and cylindrical grinding and general purpose grinding.

【Applications】 Grinding hardened steels



Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S050004	100	13	12.7	WA 60 K	33	20	
S050023	125	13	12.7	WA 60 K	33	20	
S050024	125	13	12.7	WA 80 K	33	20	
S050041	150	6.4	12.7	WA 60 K	33	20	
S050043	150	6.4	12.7	WA 80 K	33	20	
S050046	150	6.4	12.7	WA 120 K	33	20	
S050050	150	6.4	31.75	WA 80 K	33	20	
S050059	150	10	12.7	WA 80 I	33	20	
S050071	150	13	12.7	WA 60 K	33	20	
S050077	150	13	12.7	WA 80 K	33	20	
S050097	150	13	31.75	WA 60 J	33	20	
S050098	150	13	31.75	WA 60 K	33	20	
S050103	150	13	31.75	WA 80 K	33	20	
S050111	150	16	12.7	WA 60 K	33	20	
S050114	150	16	12.7	WA 80 K	33	20	
S050127	150	19	19.05	WA 46 H	33	20	
S050131	150	19	19.05	WA 60 K	33	20	
S050144	150	25	25.4	WA 46 K	33	20	
S051213	180	6.4	31.75	WA 46 J	40	20	
S051214	180	6.4	31.75	WA 46 K	40	20	
S050155	180	6.4	31.75	WA 60 J	40	20	
S050156	180	6.4	31.75	WA 60 K	40	20	
S050159	180	6.4	31.75	WA 80 J	40	20	
S050160	180	6.4	31.75	WA 80 K	40	20	
S050165	180	6.4	31.75	WA 100 J	40	20	
S050166	180	6.4	31.75	WA 100 K	40	20	
S050168	180	6.4	31.75	WA 120 J	40	20	
S050169	180	6.4	31.75	WA 120 K	40	20	
S050185	180	10	31.75	WA 46 J	40	20	
S051215	180	10	31.75	WA 46 K	40	20	
S051216	180	10	31.75	WA 60 J	40	20	
S050189	180	10	31.75	WA 60 K	40	20	
S050194	180	10	31.75	WA 80 K	40	20	
S050195	180	10	31.75	WA 100 J	40	20	
S050196	180	10	31.75	WA 100 K	40	20	
S050201	180	13	31.75	WA 46 H	40	20	
S051218	180	13	31.75	WA 46 I	40	20	
S050204	180	13	31.75	WA 46 J	40	20	
S050206	180	13	31.75	WA 46 K	40	20	
S050209	180	13	31.75	WA 60 H	40	20	
S051219	180	13	31.75	WA 60 I	40	20	
S050213	180	13	31.75	WA 60 J	40	20	
S050214	180	13	31.75	WA 60 K	40	20	
S050216	180	13	31.75	WA 80 H	40	20	
S050218	180	13	31.75	WA 80 J	40	20	
S050219	180	13	31.75	WA 80 K	40	20	
S050224	180	13	31.75	WA 100 K	40	20	
S050225	180	13	31.75	WA 120 H	40	20	
S050227	180	13	31.75	WA 120 K	40	20	
S050229	180	16	31.75	WA 46 J	40	20	
S050230	180	16	31.75	WA 46 K	40	20	
S050234	180	16	31.75	WA 60 J	40	20	
S050235	180	16	31.75	WA 60 K	40	20	
S050241	180	16	31.75	WA 80 K	40	20	
S051221	180	19	31.75	WA 46 H	40	20	
S051222	180	19	31.75	WA 46 I	40	20	
S050246	180	19	31.75	WA 46 J	40	20	
S050247	180	19	31.75	WA 46 K	40	20	
S050248	180	19	31.75	WA 60 H	40	20	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S051223	180	19	31.75	WA 60 I	40	20	
S050251	180	19	31.75	WA 60 J	40	20	
S050253	180	19	31.75	WA 60 K	40	20	
S050261	180	19	31.75	WA 80 K	40	20	
S050267	180	25	31.75	WA 60 J	40	10	
S050268	180	25	31.75	WA 60 K	40	10	
S050281	205	6.4	15.88	WA 80 K	40	20	
S050290	205	6.4	31.75	WA 60 J	40	20	
S050291	205	6.4	31.75	WA 60 K	40	20	
S050293	205	6.4	31.75	WA 80 J	40	20	
S050294	205	6.4	31.75	WA 80 K	40	20	
S050300	205	6.4	31.75	WA 100 K	40	20	
S050321	205	9.5	31.75	WA 80 K	40	20	
S050337	205	13	15.88	WA 60 K	40	20	
S050340	205	13	15.88	WA 80 K	40	20	
S050345	205	13	31.75	WA 46 H	40	20	
S051224	205	13	31.75	WA 46 I	40	20	
S050347	205	13	31.75	WA 46 J	40	20	
S050348	205	13	31.75	WA 46 K	40	20	
S050350	205	13	31.75	WA 60 H	40	20	
S051225	205	13	31.75	WA 60 I	40	20	
S050352	205	13	31.75	WA 60 J	40	20	
S050353	205	13	31.75	WA 60 K	40	20	
S050355	205	13	31.75	WA 80 H	40	20	
S050357	205	13	31.75	WA 80 J	40	20	
S050358	205	13	31.75	WA 80 K	40	20	
S050361	205	13	31.75	WA 100 J	40	20	
S050363	205	13	31.75	WA 100 K	40	20	
S050365	205	13	31.75	WA 120 J	40	20	
S050389	205	16	31.75	WA 46 K	40	20	
S050391	205	16	31.75	WA 60 J	40	20	
S050397	205	19	15.88	WA 46 K	40	10	
S050401	205	19	15.88	WA 60 J	40	10	
S050403	205	19	15.88	WA 60 K	40	10	
S050409	205	19	15.88	WA 80 J	40	10	
S050411	205	19	15.88	WA 80 K	40	10	
S050422	205	19	25.4	WA 46 K	40	10	
S050425	205	19	25.4	WA 60 K	40	10	
S050428	205	19	25.4	WA 80 K	40	10	
S050431	205	19	31.75	WA 46 H	40	10	
S050433	205	19	31.75	WA 46 I	40	10	
S050435	205	19	31.75	WA 46 J	40	10	
S050437	205	19	31.75	WA 46 K	40	10	
S050441	205	19	31.75	WA 60 H	40	10	
S050442	205	19	31.75	WA 60 I	40	10	
S050443	205	19	31.75	WA 60 J	40	10	
S050445	205	19	31.75	WA 60 K	40	10	
S050450	205	19	31.75	WA 80 H	40	10	
S051208	205	19	31.75	WA 80 I	40	10	
S050452	205	19	31.75	WA 80 J	40	10	
S050453	205	19	31.75	WA 80 K	40	10	
S050458	205	19	31.75	WA 100 K	40	10	
S051209	205	19	31.75	WA 120 K	40	10	
S050468	205	19	38.1	WA 80 J	40	10	
S050473	205	19	50.8	WA 46 H	40	10	
S050474	205	19	50.8	WA 46 I	40	10	
S050475	205	19	50.8	WA 46 J	40	10	
S050477	205	19	50.8	WA 46 K	40	10	
S051227	205	19	50.8	WA 60 H	40	10	
S050480	205	19	50.8	WA 60 I	40	10	
S050481	205	19	50.8	WA 60 J	40	10	
S050483	205	19	50.8	WA 60 K	40	10	
S051228	205	19	50.8	WA 80 H	40	10	
S050487	205	19	50.8	WA 80 J	40	10	
S050488	205	19	50.8	WA 80 K	40	10	

# Orange colored WA Wheel

Item No.	Size (mm)			Spec.	M.O.S	Packing	Remarks
	O.D.	Thk.	Hole				
S050495	205	25	25.4	WA 46 K	40	10	
S050501	205	25	25.4	WA 60 J	40	10	
S050502	205	25	25.4	WA 60 K	40	10	
S050505	205	25	25.4	WA 80 J	40	10	
S051210	205	25	25.4	WA 80 K	40	10	
S050511	205	25	31.75	WA 46 J	40	10	
S050514	205	25	31.75	WA 60 I	40	10	
S050539	205	32	25.4	WA 60 K	40	10	
S050557	255	13	25.4	WA 60 K	33	10	
S050570	255	19	25.4	WA 60 K	33	10	
S051230	255	25	19.05	WA 60 K	33	5	
S051231	255	25	19.05	WA 80 K	33	5	
S050579	255	25	25.4	WA 46 J	33	5	
S050580	255	25	25.4	WA 46 K	33	5	
S050586	255	25	25.4	WA 60 J	33	5	
S050587	255	25	25.4	WA 60 K	33	5	
S050591	255	25	25.4	WA 80 J	33	5	
S050592	255	25	25.4	WA 80 K	33	5	
S050596	255	25	25.4	WA 120 K	33	5	
S050597	255	25	50.8	WA 46 H	33	5	
S050599	255	25	50.8	WA 46 J	33	5	
S050603	255	25	50.8	WA 60 J	33	5	
S050604	255	25	50.8	WA 60 K	33	5	
S050606	255	25	76.2	WA 46 H	33	5	
S050608	255	25	76.2	WA 46 J	33	5	
S050612	255	25	76.2	WA 60 K	33	5	
S050641	305	25	25.4	WA 60 K	33	5	
S050650	305	25	76.2	WA 46 H	33	5	
S050653	305	25	76.2	WA 46 J	33	5	
S051211	305	25	76.2	WA 60 J	33	5	
S050660	305	25	76.2	WA 60 K	33	5	
S050673	305	25	127	WA 60 J	33	5	
S050674	305	25	127	WA 60 K	33	5	
S050678	305	25	127	WA 80 K	33	5	
S050686	305	32	25.4	WA 46 K	33	3	
S050688	305	32	25.4	WA 46 M	33	3	
S050691	305	32	25.4	WA 60 K	33	3	
S050697	305	32	25.4	WA 80 K	33	3	
S050699	305	32	76.2	WA 46 H	33	3	
S050701	305	32	76.2	WA 46 I	33	3	
S050703	305	32	76.2	WA 46 J	33	3	
S050705	305	32	76.2	WA 46 K	33	3	
S050706	305	32	76.2	WA 60 H	33	3	
S050708	305	32	76.2	WA 60 I	33	3	
S050709	305	32	76.2	WA 60 J	33	3	
S050710	305	32	76.2	WA 60 K	33	3	
S050714	305	32	76.2	WA 80 K	33	3	
S050716	305	32	127	WA 46 H	33	3	
S050717	305	32	127	WA 46 I	33	3	
S050718	305	32	127	WA 46 J	33	3	
S050721	305	32	127	WA 60 H	33	3	
S050723	305	32	127	WA 60 J	33	3	
S050724	305	32	127	WA 60 K	33	3	
S050737	305	38	25.4	WA 60 K	33	3	
S050739	305	38	76.2	WA 46 H	33	3	
S050740	305	38	76.2	WA 46 I	33	3	
S050741	305	38	76.2	WA 46 J	33	3	
S050749	305	38	127	WA 46 H	33	3	
S050751	305	38	127	WA 46 I	33	3	
S050753	305	38	127	WA 46 J	33	3	
S050760	305	38	127	WA 60 H	33	3	
S050763	305	38	127	WA 60 J	33	3	
S050765	305	38	127	WA 60 K	33	3	
S050770	305	38	127	WA 80 J	33	3	
S050771	305	38	127	WA 80 K	33	3	

Item No.	Size (mm)			Spec.	M.O.S	Packing	Remarks
	O.D.	Thk.	Hole				
S050799	305	100	180	WA 80 L	33	1	
S050807	355	25	76.2	WA 46 H	33	3	
S050809	355	25	76.2	WA 46 J	33	3	
S050813	355	25	76.2	WA 60 J	33	3	
S050816	355	25	76.2	WA 80 K	33	3	
S050822	355	25	127	WA 60 J	33	3	
S050823	355	25	127	WA 60 K	33	3	
S050826	355	25	127	WA 80 J	33	3	
S050828	355	25	127	WA 80 L	33	3	
S050835	355	32	127	WA 46 H	33	2	
S050838	355	32	127	WA 60 J	33	2	
S050839	355	32	127	WA 60 K	33	2	
S050843	355	32	127	WA 80 K	33	2	
S050849	355	38	76.2	WA 46 H	33	2	
S050851	355	38	76.2	WA 46 J	33	2	
S050852	355	38	76.2	WA 46 K	33	2	
S050856	355	38	76.2	WA 60 K	33	2	
S050860	355	38	127	WA 46 H	33	2	
S050862	355	38	127	WA 46 I	33	2	
S050864	355	38	127	WA 46 J	33	2	
S050866	355	38	127	WA 46 K	33	2	
S050870	355	38	127	WA 60 H	33	2	
S050871	355	38	127	WA 60 I	33	2	
S050872	355	38	127	WA 60 J	33	2	
S050874	355	38	127	WA 60 K	33	2	
S050881	355	38	127	WA 80 K	33	2	
S050886	355	50	31.75	WA 60 K	33	2	
S050887	355	50	38.1	WA 46 K	33	2	
S050888	355	50	38.1	WA 60 K	33	2	
S050891	355	50	127	WA 46 H	33	2	
S050895	355	50	127	WA 46 J	33	2	
S050900	355	50	127	WA 60 J	33	2	
S050901	355	50	127	WA 60 K	33	2	
S050905	355	50	127	WA 80 K	33	2	
S050919	405	32	127	WA 60 K	33	2	
S050929	405	38	127	WA 60 K	33	2	
S050933	405	38	152.4	WA 60 K	33	2	
S050936	405	38	152.4	WA 80 K	33	2	
S050939	405	38	203.2	WA 60 K	33	2	
S050941	405	38	203.2	WA 80 K	33	2	
S050945	405	50	127	WA 46 H	33	2	
S050946	405	50	127	WA 46 K	33	2	
S051212	405	50	127	WA 60 K	33	2	
S050956	405	50	152.4	WA 60 K	33	2	
S050960	405	50	152.4	WA 80 K	33	2	
S050965	405	50	203.2	WA 60 K	33	2	
S050967	405	50	203.2	WA 80 K	33	2	
S050972	405	75	127	WA 60 K	33	1	
S050974	405	75	127	WA 80 K	33	1	
S050979	405	150	228.6	WA 60 K	33	1	
S050980	405	150	228.6	WA 60 L	33	1	
S050981	405	150	228.6	WA 80 K	33	1	
S050982	405	150	228.6	WA 80 L	33	1	
S051206	455	150	228.6	WA 60 L	33	1	
S051207	455	205	254	WA 60 L	33	1	
S050989	455	205	254	WA 80 L	33	1	
S050990	510	50	127	WA 46 H	33	1	
S050991	510	50	127	WA 46 I	33	1	
S050992	510	50	127	WA 46 J	33	1	
S051011	510	205	304.8	WA 60 L	33	1	

Depressed Center Wheel

Flexible Depressed Center Wheel

Cutting-off Wheel

Coated Abrasives/ Non-Woven Abrasives

Alumina Fiber Stones

Mounted Wheel

Straight Wheel

Other Shapes

Diamond /CBN Wheel

Truing & Dressing Tools

Grinding & Cutting Fluids

Filter

Safety Products

# White colored WA Wheel

A white colored WA wheel for grinding the hard and heat sensitive steels at light feed rates in surface and cylindrical grinding.

【Applications】 Grinding hardened steels.



Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S050099	150	13	31.75	WA(White) 60 K	33	20	
S050161	180	6.4	31.75	WA(White) 80 K	40	20	
S050167	180	6.4	31.75	WA(White) 100K	40	20	
S050170	180	6.4	31.75	WA(White) 120K	40	20	
S050203	180	13	31.75	WA(White) 46 I	40	20	
S050205	180	13	31.75	WA(White) 46 J	40	20	
S050404	205	19	15.88	WA(White) 60 K	40	10	
S050444	205	19	31.75	WA(White) 60 J	40	10	
S050446	205	19	31.75	WA(White) 60 K	40	10	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S050700	305	32	76.2	WA(White) 46 H	33	3	
S050704	305	32	76.2	WA(White) 46 J	33	3	
S050750	305	38	127	WA(White) 46 H	33	3	
S050752	305	38	127	WA(White) 46 I	33	3	
S050754	305	38	127	WA(White) 46 J	33	3	
S050764	305	38	127	WA(White) 60 J	33	3	
S050861	355	38	127	WA(White) 46 H	33	2	
S050863	355	38	127	WA(White) 46 I	33	2	
S050865	355	38	127	WA(White) 46 J	33	2	
S050867	355	38	127	WA(White) 46 K	33	2	
S050873	355	38	127	WA(White) 60 J	33	2	
S050892	355	50	127	WA(White) 46 H	33	2	

- Depressed Center Wheel
- Flexible Depressed Center Wheel
- Cutting-off Wheel
- Coated Abrasives/ Non-Woven Abrasives
- Alumina Fiber Stones
- Mounted Wheel
- Straight Wheel
- Other Shapes
- Diamond /CBN Wheel
- Truing & Dressing Tools
- Grinding & Cutting Fluids
- Filter
- Safety Products

# GC Wheel

GC is a sharp, green colored, and 99% silicon carbide abrasive.

**【Applications】** Grinding tungsten carbide, alloy cast iron, non-ferrous metals, and non-metal (such as rubber, and plastic).



Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S310010	100	25	15.88	GC 120 H	33	20	
S310013	125	13	12.7	GC 120 H	33	20	
S310035	150	13	12.7	GC 120 H	33	20	
S310037	150	13	31.75	GC 80 H	33	20	
S310041	150	16	12.7	GC 80 H	33	20	
S310043	150	16	12.7	GC 120 H	33	20	
S310390	150	19	12.7	GC 120 H	33	20	
S310051	150	19	19.05	GC 80 H	33	20	
S310389	150	19	19.05	GC 120 H	33	20	
S310070	180	13	31.75	GC 80 H	40	20	
S310071	180	13	31.75	GC 80 I	40	20	
S310074	180	13	31.75	GC 120 H	40	20	
S310076	180	16	31.75	GC 100 H	40	20	
S310083	205	6.4	15.88	GC 120 H	40	20	
S310086	205	6.4	25.4	GC 120 H	40	20	
S310096	205	13	15.88	GC 120 H	40	20	
S310097	205	13	15.88	GC 120 I	40	20	
S310099	205	13	31.75	GC 80 H	40	20	
S310104	205	13	31.75	GC 120 H	40	20	
S310112	205	16	15.88	GC 120 H	40	20	
S310116	205	19	15.88	GC 80 H	40	10	
S310119	205	19	15.88	GC 100 H	40	10	
S310120	205	19	15.88	GC 120 H	40	10	
S310121	205	19	15.88	GC 120 I	40	10	
S310123	205	19	19.05	GC 120 H	40	10	
S310124	205	19	25.4	GC 60 H	40	10	
S310126	205	19	25.4	GC 80 H	40	10	
S310128	205	19	25.4	GC 100 H	40	10	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S310131	205	19	25.4	GC 120 H	40	10	
S310132	205	19	25.4	GC 120 I	40	10	
S310133	205	19	25.4	GC 120 J	40	10	
S310139	205	19	31.75	GC 100 H	40	10	
S310158	205	25	25.4	GC 120 H	40	10	
S310178	255	19	25.4	GC 120 H	33	10	
S310182	255	25	19.05	GC 60 I	33	5	
S310185	255	25	19.05	GC 80 H	33	5	
S310192	255	25	19.05	GC 120 H	33	5	
S310196	255	25	25.4	GC 80 H	33	5	
S310198	255	25	25.4	GC 80 I	33	5	
S310200	255	25	25.4	GC 100 H	33	5	
S310202	255	25	25.4	GC 120 H	33	5	
S310203	255	25	25.4	GC 120 I	33	5	
S310221	305	19	25.4	GC 120 H	33	5	
S310225	305	25	25.4	GC 80 H	33	5	
S310230	305	25	25.4	GC 120 H	33	5	
S310240	305	32	25.4	GC 80 H	33	3	
S310241	305	32	25.4	GC 80 I	33	3	
S310244	305	32	25.4	GC 100 H	33	3	
S310247	305	32	25.4	GC 120 H	33	3	
S310248	305	32	25.4	GC 120 I	33	3	
S310263	305	38	25.4	GC 120 H	33	3	
S310264	305	38	127	GC 46 H	33	3	
S310282	355	25	127	GC 120 H	33	3	
S310291	355	38	31.75	GC 100 H	33	2	
S310292	355	38	31.75	GC 120 H	33	2	
S310296	355	38	127	GC 80 H	33	2	
S310301	355	50	31.75	GC 80 H	33	2	
S310305	355	50	31.75	GC 120 H	33	2	
S310388	355	50	38.1	GC 120 H	33	2	

Depressed Center Wheel

Flexible Depressed Center Wheel

Cutting-off Wheel

Coated Abrasives/ Non-Woven Abrasives

Alumina Fiber Stones

Mounted Wheel

Straight Wheel

Other Shapes

Diamond /CBN Wheel

Truing & Dressing Tools

Grinding & Cutting Fluids

Filter

Safety Products

# 85A Wheel

85A is a mono-crystalline alumina abrasive. It offers higher grinding performance than pink colored alundum abrasives. 85A wheel provides higher hardness, longer wheel life, and lower grinding force than pink colored wheel in surface grinding.

**[Applications]** Grinding hardened alloy steels, tool steels, and high carbon steels.



Depressed Center Wheel

Flexible Depressed Center Wheel

Cutting-off Wheel

Coated Abrasives/ Non-Woven Abrasives

Alumina Fiber Stones

Mounted Wheel

Straight Wheel

Other Shapes

Diamond /CBN Wheel

Truing & Dressing Tools

Grinding & Cutting Fluids

Filter

Safety Products

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S850001	180	6.4	31.75	85A 60 J	40	20	
S850002	180	6.4	31.75	85A 60 K	40	20	
S850003	180	6.4	31.75	85A 80 J	40	20	
S850004	180	6.4	31.75	85A 80 K	40	20	
S850005	180	6.4	31.75	85A 100 J	40	20	
S850006	180	6.4	31.75	85A 100 K	40	20	
S850007	180	6.4	31.75	85A 120 J	40	20	
S850008	180	6.4	31.75	85A 120 K	40	20	
S850018	180	10	31.75	85A 46 K	40	20	
S850019	180	10	31.75	85A 60 J	40	20	
S850020	180	10	31.75	85A 60 K	40	20	
S850021	180	10	31.75	85A 80 J	40	20	
S850022	180	10	31.75	85A 80 K	40	20	
S850023	180	10	31.75	85A 100 J	40	20	
S850024	180	10	31.75	85A 100 K	40	20	
S850025	180	13	31.75	85A 46 H	40	20	
S850026	180	13	31.75	85A 46 I	40	20	
S850027	180	13	31.75	85A 46 J	40	20	
S850028	180	13	31.75	85A 46 K	40	20	
S850029	180	13	31.75	85A 60 H	40	20	
S850030	180	13	31.75	85A 60 I	40	20	
S850031	180	13	31.75	85A 60 J	40	20	
S850032	180	13	31.75	85A 60 K	40	20	
S850033	180	13	31.75	85A 80 H	40	20	
S850035	180	13	31.75	85A 80 J	40	20	
S850036	180	13	31.75	85A 80 K	40	20	
S850037	180	13	31.75	85A 100 J	40	20	
S850038	180	13	31.75	85A 100 K	40	20	
S850039	180	16	31.75	85A 46 J	40	20	
S850042	180	16	31.75	85A 60 K	40	20	
S850043	180	16	31.75	85A 80 J	40	20	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S850045	180	19	31.75	85A 46 J	40	20	
S850047	180	19	31.75	85A 60 J	40	20	
S850049	180	19	31.75	85A 80 J	40	20	
S850050	180	19	31.75	85A 80 K	40	20	
S850051	205	6.4	31.75	85A 60 J	40	20	
S850052	205	6.4	31.75	85A 60 K	40	20	
S850053	205	6.4	31.75	85A 80 J	40	20	
S850054	205	6.4	31.75	85A 80 K	40	20	
S850055	205	6.4	31.75	85A 100 K	40	20	
S850056	205	13	31.75	85A 46 H	40	20	
S850057	205	13	31.75	85A 46 I	40	20	
S850058	205	13	31.75	85A 46 J	40	20	
S850059	205	13	31.75	85A 46 K	40	20	
S850060	205	13	31.75	85A 60 H	40	20	
S850062	205	13	31.75	85A 60 J	40	20	
S850064	205	13	31.75	85A 80 H	40	20	
S850065	205	13	31.75	85A 80 I	40	20	
S850066	205	13	31.75	85A 80 J	40	20	
S850067	205	13	31.75	85A 80 K	40	20	
S850068	205	19	31.75	85A 46 H	40	10	
S850069	205	19	31.75	85A 46 I	40	10	
S850070	205	19	31.75	85A 46 J	40	10	
S850072	205	19	31.75	85A 60 H	40	10	
S850073	205	19	31.75	85A 60 I	40	10	
S850075	205	19	31.75	85A 60 K	40	10	
S850076	205	19	31.75	85A 80 H	40	10	
S850077	205	19	31.75	85A 80 I	40	10	
S850078	205	19	31.75	85A 80 J	40	10	
S850079	205	19	31.75	85A 80 K	40	10	
S850080	205	19	50.8	85A 46 H	40	10	
S850082	205	19	50.8	85A 46 J	40	10	
S850084	205	19	50.8	85A 60 H	40	10	
S850085	205	19	50.8	85A 60 I	40	10	
S850086	205	19	50.8	85A 60 J	40	10	
S850089	205	19	50.8	85A 80 I	40	10	
S850090	205	19	50.8	85A 80 J	40	10	
S850091	205	19	50.8	85A 80 K	40	10	

# 32A Wheel

32A is an exceedingly tough, sharp mono-crystalline abrasive, and is suitable for grinding hardened heat sensitive steels. It grinds with exceptional cool, free-cutting, and good corner holding, which contributes to long wheel life.

**[Applications]** Grinding tungsten carbide, alloy cast iron, non-ferrous metals, and non-metal (such as rubber, and plastic).



Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S120005	150	13	31.75	32A 60 J	33	20	
S120014	180	6.4	31.75	32A 60 J	40	20	
S120020	180	6.4	31.75	32A 80 K	40	20	
S120024	180	6.4	31.75	32A 100 K	40	20	
S120572	180	6.4	31.75	32A 120 K	40	20	
S120054	180	10	31.75	32A 46 J	40	20	
S120059	180	10	31.75	32A 60 I	40	20	
S120061	180	10	31.75	32A 60 J	40	20	
S120065	180	10	31.75	32A 80 J	40	20	
S120075	180	13	31.75	32A 46 H	40	20	
S120077	180	13	31.75	32A 46 I	40	20	
S120079	180	13	31.75	32A 46 J	40	20	
S120081	180	13	31.75	32A 46 K	40	20	
S120088	180	13	31.75	32A 60 J	40	20	
S120181	205	13	31.75	32A 46 H	40	20	
S120184	205	13	31.75	32A 46 J	40	20	
S120187	205	13	31.75	32A 60 I	40	20	
S120188	205	13	31.75	32A 60 J	40	20	
S120192	205	13	31.75	32A 80 J	40	20	
S120194	205	13	31.75	32A 80 K	40	20	
S120202	205	13	31.75	32A 120 J	40	20	
S120239	205	19	31.75	32A 46 H	40	10	
S120243	205	19	31.75	32A 46 J	40	10	
S120247	205	19	31.75	32A 60 H	40	10	
S120249	205	19	31.75	32A 60 I	40	10	
S120250	205	19	31.75	32A 60 J	40	10	
S120254	205	19	31.75	32A 80 H	40	10	
S120257	205	19	31.75	32A 80 J	40	10	
S120269	205	19	50.8	32A 46 H	40	10	
S120271	205	19	50.8	32A 46 I	40	10	
S120272	205	19	50.8	32A 46 J	40	10	
S120274	205	19	50.8	32A 60 H	40	10	
S120275	205	19	50.8	32A 60 I	40	10	
S120277	205	19	50.8	32A 60 J	40	10	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
S120283	205	19	50.8	32A 80 K	40	10	
S120319	305	25	76.2	32A 46 H	33	5	
S120322	305	25	76.2	32A 46 J	33	5	
S120345	305	32	76.2	32A 46 H	33	3	
S120347	305	32	76.2	32A 46 I	33	3	
S120349	305	32	76.2	32A 46 J	33	3	
S120353	305	32	76.2	32A 60 I	33	3	
S120354	305	32	76.2	32A 60 J	33	3	
S120359	305	32	127	32A 46 H	33	3	
S120366	305	32	127	32A 60 J	33	3	
S120375	305	38	76.2	32A 46 H	33	3	
S120381	305	38	76.2	32A 60 J	33	3	
S120388	305	38	127	32A 46 H	33	3	
S120392	305	38	127	32A 46 J	33	3	
S120394	305	38	127	32A 60 H	33	3	
S120398	305	38	127	32A 60 J	33	3	
S120410	305	50	127	32A 46 H	33	2	
S120411	305	50	127	32A 46 I	33	2	
S120426	355	25	76.2	32A 46 H	33	3	
S120438	355	32	127	32A 60 J	33	2	
S120441	355	38	76.2	32A 46 H	33	2	
S120443	355	38	76.2	32A 46 J	33	2	
S120444	355	38	76.2	32A 60 J	33	2	
S120447	355	38	127	32A 46 H	33	2	
S120449	355	38	127	32A 46 I	33	2	
S120451	355	38	127	32A 46 J	33	2	
S120453	355	38	127	32A 46 K	33	2	
S120457	355	38	127	32A 60 H	33	2	
S120459	355	38	127	32A 60 I	33	2	
S120461	355	38	127	32A 60 J	33	2	
S120463	355	38	127	32A 60 K	33	2	
S120467	355	38	127	32A 80 J	33	2	
S120473	355	50	127	32A 46 H	33	2	
S120477	355	50	127	32A 46 J	33	2	
S120480	355	50	127	32A 60 H	33	2	
S120484	355	50	127	32A 60 J	33	2	
S120499	405	50	127	32A 60 J	33	2	
S120503	405	50	127	32A 80 I	33	2	
S120509	405	50	152.4	32A 60 J	33	2	
S120519	510	50	127	32A 46 H	33	1	

Depressed Center Wheel

Flexible Depressed Center Wheel

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Filter

Safety Products



# SG Wheel

SG abrasive is a polycrystalline alumina abrasive with a submicron crystalline structure. It gives higher grinding performance than the conventional fused alumina abrasives, because its cutting edge is fractured microscopically and superior cutting ability is maintained in surface and cylindrical grinding.

**[Applications]** Precision grinding for unhardened and hardened steels, such as cast iron, carbon steels, alloy steels, and tool steels, etc.



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Other Shapes

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Truing & Dressing Tools

Grinding & Cutting Fluids

Filter

Safety Products

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
SG00536	75	13	12.7	3SG 60 J	33	20	
SG00537	125	13	12.7	3SG 80 J	40	5	
SG00190	150	6.4	32	5SG 220 I	40	5	
SG00191	150	6.4	32	5SG 220 J	40	5	
SG00189	150	6.4	32	5SG 220 K	40	5	
SG00539	150	13	12.7	3SG 80 J	40	5	
SG00285	150	13	12.7	5SG 60 K	40	5	
SG00286	150	13	12.7	5SG 80 K	40	5	
SG00540	150	13	31.75	5SG 60 J	40	5	
SG00287	150	13	31.75	5SG 60 K	40	5	
SG00288	150	13	31.75	5SG 80 K	40	5	
SG00542	150	13	31.75	5SG 100 J	40	5	
SG00543	150	16	12.7	3SG 80 J	40	5	
SG00090	180	6.4	31.75	5SG 46 K	40	5	
SG00547	180	6.4	31.75	5SG 60 I	40	5	
SG00091	180	6.4	31.75	5SG 60 J	40	5	
SG00021	180	6.4	31.75	5SG 60 K	40	5	
SG00092	180	6.4	31.75	5SG 80 J	40	5	
SG00022	180	6.4	31.75	5SG 80 K	40	5	
SG00093	180	6.4	31.75	5SG 100 J	40	5	
SG00023	180	6.4	31.75	5SG 100 K	40	5	
SG00094	180	6.4	31.75	5SG 120 J	40	5	
SG00024	180	6.4	31.75	5SG 120 K	40	5	
SG00193	180	6.4	31.75	5SG 150 J	40	3	
SG00192	180	6.4	31.75	5SG 150 K	40	3	
SG00195	180	6.4	31.75	5SG 180 I	40	3	
SG00194	180	6.4	31.75	5SG 180 J	40	3	
SG00196	180	6.4	31.75	5SG 180 K	40	3	
SG00199	180	6.4	31.75	5SG 220 I	40	3	
SG00198	180	6.4	31.75	5SG 220 J	40	3	
SG00197	180	6.4	31.75	5SG 220 K	40	3	
SG00066	180	10	31.75	5SG 46 J	40	5	
SG00025	180	10	31.75	5SG 46 K	40	5	
SG00552	180	10	31.75	5SG 60 I	40	5	
SG00095	180	10	31.75	5SG 60 J	40	5	
SG00026	180	10	31.75	5SG 60 K	40	5	

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
SG00096	180	10	31.75	5SG 80 J	40	5	
SG00027	180	10	31.75	5SG 80 K	40	5	
SG00553	180	10	31.75	5SG 100 I	40	5	
SG00028	180	10	31.75	5SG 100 K	40	5	
SG00097	180	10	31.75	5SG 120 K	40	5	
SG00029	180	13	31.75	5SG 46 H	40	5	
SG00030	180	13	31.75	5SG 46 I	40	5	
SG00031	180	13	31.75	5SG 46 J	40	5	
SG00032	180	13	31.75	5SG 46 K	40	5	
SG00033	180	13	31.75	5SG 60 H	40	5	
SG00034	180	13	31.75	5SG 60 I	40	5	
SG00035	180	13	31.75	5SG 60 J	40	5	
SG00036	180	13	31.75	5SG 60 K	40	5	
SG00098	180	13	31.75	5SG 80 H	40	5	
SG00099	180	13	31.75	5SG 80 I	40	5	
SG00037	180	13	31.75	5SG 80 J	40	5	
SG00038	180	13	31.75	5SG 80 K	40	5	
SG00100	180	13	31.75	5SG 100 J	40	5	
SG00101	180	13	31.75	5SG 100 K	40	5	
SG00102	180	13	31.75	5SG 120 K	40	5	
SG00039	180	16	31.75	5SG 46 J	40	5	
SG00040	180	16	31.75	5SG 46 K	40	5	
SG00103	180	16	31.75	5SG 60 J	40	5	
SG00041	180	16	31.75	5SG 60 K	40	5	
SG00104	180	16	31.75	5SG 80 K	40	5	
SG00555	180	19	31.75	3SG 60 G	40	5	Porous
SG00554	180	19	31.75	5SG 46 I	40	5	
SG00042	180	19	31.75	5SG 46 J	40	5	
SG00043	180	19	31.75	5SG 46 K	40	5	
SG00105	180	19	31.75	5SG 60 J	40	5	
SG00044	180	19	31.75	5SG 60 K	40	5	
SG00106	180	19	31.75	5SG 80 K	40	5	
SG00045	205	6.4	31.75	5SG 60 K	40	5	
SG00046	205	6.4	31.75	5SG 80 K	40	5	
SG00556	205	6.4	31.75	5SG 100 J	40	5	
SG00047	205	6.4	31.75	5SG 100 K	40	5	
SG00107	205	6.4	31.75	5SG 120 K	40	5	
SG00200	205	6.4	31.75	5SG 150 K	40	2	
SG00202	205	6.4	31.75	5SG 220 J	40	2	
SG00201	205	6.4	31.75	5SG 220 K	40	2	
SG00558	205	10	50.8	5SG 100 J	40	5	
SG00108	205	13	31.75	5SG 46 H	40	5	
SG00109	205	13	31.75	5SG 46 I	40	5	
SG00048	205	13	31.75	5SG 46 J	40	5	

# SG Wheel

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
SG00049	205	13	31.75	5SG 46 K	40	5	
SG00110	205	13	31.75	5SG 60 H	40	5	
SG00111	205	13	31.75	5SG 60 I	40	5	
SG00050	205	13	31.75	5SG 60 J	40	5	
SG00051	205	13	31.75	5SG 60 K	40	5	
SG00112	205	13	31.75	5SG 80 H	40	5	
SG00113	205	13	31.75	5SG 80 I	40	5	
SG00052	205	13	31.75	5SG 80 J	40	5	
SG00053	205	13	31.75	5SG 80 K	40	5	
SG00114	205	13	31.75	5SG 100 J	40	5	
SG00115	205	13	31.75	5SG 100 K	40	5	
SG00116	205	13	31.75	5SG 120 J	40	5	
SG00117	205	13	31.75	5SG 120 K	40	5	
SG00562	205	16	31.75	3SG 46 J	40	5	
SG00565	205	16	31.75	5SG 60 K	40	5	
SG00564	205	16	31.75	5SG 80 J	40	5	
SG00118	205	19	31.75	5SG 46 H	40	5	
SG00119	205	19	31.75	5SG 46 I	40	5	
SG00054	205	19	31.75	5SG 46 J	40	5	
SG00055	205	19	31.75	5SG 46 K	40	5	
SG00120	205	19	31.75	5SG 60 H	40	5	
SG00121	205	19	31.75	5SG 60 I	40	5	
SG00056	205	19	31.75	5SG 60 J	40	5	
SG00057	205	19	31.75	5SG 60 K	40	5	
SG00122	205	19	31.75	5SG 80 H	40	5	
SG00123	205	19	31.75	5SG 80 I	40	5	
SG00058	205	19	31.75	5SG 80 J	40	5	
SG00059	205	19	31.75	5SG 80 K	40	5	
SG00124	205	19	31.75	5SG 100 K	40	5	
SG00125	205	19	31.75	5SG 120 K	40	5	
SG00060	205	19	50.8	5SG 46 H	40	5	
SG00061	205	19	50.8	5SG 46 I	40	5	
SG00062	205	19	50.8	5SG 46 J	40	5	
SG00063	205	19	50.8	5SG 46 K	40	5	
SG00126	205	19	50.8	5SG 60 H	40	5	
SG00127	205	19	50.8	5SG 60 I	40	5	
SG00064	205	19	50.8	5SG 60 J	40	5	
SG00065	205	19	50.8	5SG 60 K	40	5	
SG00128	205	19	50.8	5SG 80 J	40	5	
SG00129	205	19	50.8	5SG 80 K	40	5	
SG00574	205	25	50.8	3SG 46 J	40	5	Porous
SG00575	205	25	50.8	3SG 60 J	40	5	Porous
SG00582	255	19	25.4	3SG 60 H	33	5	
SG00589	255	25	50.8	3SG 46 I	33	5	Porous

Item No.	Size (mm)			Spec.	M.O.S.	Packing	Remarks
	O.D.	Thk.	Hole				
SG00594	305	25	76.2	3SG 60 I	33	2	Porous
SG00595	305	25	76.2	3SG 60 J	33	2	Porous
SG00592	305	25	76.2	5SG 46 G	33	2	Porous
SG00593	305	25	76.2	5SG 46 I	33	2	Porous
SG00596	305	25	127	3SG 60 J	33	2	Porous
SG00597	305	25	127	3SG 80 J	33	2	Porous
SG00605	305	32	76.2	3SG 46 I	33	1	Porous
SG00607	305	32	76.2	3SG 46 J	33	1	Porous
SG00608	305	32	76.2	3SG 60 G	33	1	Porous
SG00610	305	32	76.2	3SG 60 I	33	1	Porous
SG00611	305	32	76.2	3SG 60 J	33	1	Porous
SG00604	305	32	76.2	5SG 46 I	33	1	
SG00612	305	32	127	3SG 46 G	33	1	Porous
SG00615	305	32	127	3SG 46 J	33	1	Porous
SG00616	305	32	127	3SG 60 G	33	1	Porous
SG00619	305	38	76.2	3SG 46 G	33	1	Porous
SG00620	305	38	76.2	3SG 46 J	33	1	Porous
SG00621	305	38	76.2	3SG 60 I	33	1	Porous
SG00622	305	38	127	3SG 46 G	33	1	Porous
SG00623	305	38	127	3SG 46 H	33	1	Porous
SG00624	305	38	127	3SG 46 I	33	1	Porous
SG00625	305	38	127	3SG 60 G	33	1	Porous
SG00317	305	38	127	3SG 60 H	40	1	Porous
SG00319	305	38	127	3SG 60 I	40	1	Porous
SG00626	305	38	127	3SG 60 J	33	1	Porous
SG00628	305	38	127	3SG 80 H	33	1	Porous
SG00629	305	38	127	3SG 80 J	33	1	Porous
SG00632	355	25	127	3SG 60 J	33	2	
SG00633	355	25	127	3SG 80 J	33	2	
SG00634	355	38	127	3SG 46 G	33	1	Porous
SG00636	355	38	127	3SG 46 H	33	1	Porous
SG00637	355	38	127	3SG 46 I	33	1	Porous
SG00638	355	38	127	3SG 46 J	33	1	Porous
SG00635	355	38	127	3SG 60 G	33	1	Porous
SG00321	355	38	127	3SG 60 H	40	1	Porous
SG00322	355	38	127	3SG 60 I	40	1	Porous
SG00641	355	38	127	3SG 60 J	33	1	Porous
SG00645	355	50	127	3SG 46 G	33	1	Porous
SG00649	355	50	127	3SG 46 I	33	1	Porous
SG00651	355	50	127	3SG 60 J	33	1	
SG00653	355	50	127	3SG 60 J	33	1	Porous
SG00655	355	50	127	3SG 80 J	33	1	
SG00731	510	50	127	3SG 46 H	40	1	Porous
SG00732	510	50	127	3SG 60 H	40	1	Porous

Depressed Center Wheel

Flexible Depressed Center Wheel

Cutting-off Wheel

Coated Abrasives/ Non-Woven Abrasives

Alumina Fiber Stones

Mounted Wheel

Straight Wheel

Other Shapes

Diamond /CBN Wheel

Truing & Dressing Tools

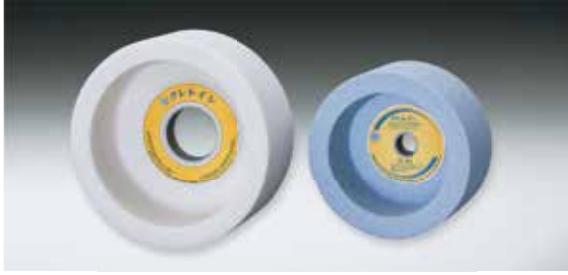
Grinding & Cutting Fluids

Filter

Safety Products



# Type 6, Straight Cup Wheel

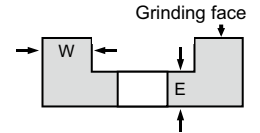


## 【Applications】

- For grinding hardened tool steels, such as alloy tool steels, and high speed tool steels

## 【Features & Benefits】

- Straight cup wheels for tool and toolroom
- Abrasive: SG and white colored WA



M.O.S.: 30 m/s

Item No.	Size (mm)					Spec.	Packing	Remarks
	O.D.	Thk.	Hole	W	E			
NX00601	100	50	12.7	13	13	WA(White) 60 K	5	
NX00602	100	50	12.7	13	13	WA(White) 80 K	5	
SG00130	100	50	12.7	13	13	5SG 60 I	5	
SG00175	125	38	31.75	13	13	5SG 60 J	5	
SG00177	125	45	63.5	16	16	5SG 60 J	5	
SG00176	125	45	63.5	16	16	5SG 60 K	5	
SG00178	125	45	76.2	13	13	5SG 60 J	5	
NX00603	125	50	31.75	13	13	WA(White) 60 J	5	
NX00605	125	50	31.75	13	13	WA(White) 60 K	5	
NX00606	125	50	31.75	13	13	WA(White) 80 J	5	
NX00607	125	50	31.75	13	13	WA(White) 80 K	5	
SG00136	125	50	31.75	13	13	5SG 60 J	5	
SG00137	125	50	31.75	13	13	5SG 60 K	5	
SG00139	125	50	31.75	13	13	5SG 80 J	5	
SG00140	125	50	31.75	13	13	5SG 80 K	5	
NX00610	150	50	88.9	16	16	WA(White) 60 I	4	
SG00142	150	50	88.9	16	16	5SG 60 J	4	
NX00609	205	100	25.4	25	25	WA(White) 46 J	4	

# Type 39, Double Hubbed Wheel

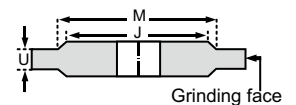


## 【Applications】

- For grinding hardened steels, alloy steels, and tool steels

## 【Features & Benefits】

- Type 39, duplex hubbed, pink colored 85A wheel, is used for groove grinding of mold.



M.O.S.: 40 m/s

Item No.	Size (mm)						Spec.	Packing	Remarks
	O.D.	Thk.	Hole	M	J	U			
S850009	180	6.4	31.75	125	115	3.2	85A 60 J	20	
S850011	180	6.4	31.75	125	115	3.2	85A 80 J	20	
S850012	180	6.4	31.75	125	115	3.2	85A 80 K	20	
S850013	180	6.4	31.75	125	115	3.2	85A 100 J	20	
S850014	180	6.4	31.75	125	115	3.2	85A 100 K	20	
S850015	180	6.4	31.75	125	115	3.2	85A 120 J	20	
S850016	180	6.4	31.75	125	115	3.2	85A 120 K	20	

# Type 11 Tapered Cup Wheel

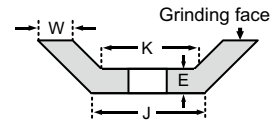


## 【Applications】

- Grinding hardened tool steels, such as alloy tool steels, and high speed tool steels.

## 【Features & Benefits】

- Tapered cup wheels for tool and toolroom.
- Abrasive: SG and WA



M.O.S.: 30 m/s

Item No.	Size (mm)								Spec.	Packing	Remarks
	O.D.	Thk.	Hole	W	E	J	K				
NX00101	90	38	31.75	6	10	70	55	WA(White) 60 J	5		
NX00102	90	38	31.75	6	10	70	55	WA(White) 60 K	5		
SG00145	90	38	31.75	8	10	70	55	5SG 60 J	5		
SG00146	90	38	31.75	6	10	70	55	5SG 60 K	5		
SG00148	90	38	31.75	6	10	70	55	5SG 80 J	5		
SG00149	90	38	31.75	6	10	70	55	5SG 80 K	5		
NX00104	100	50	31.75	10	13	75	60	WA(White) 60 J	5		
SG00172	100	50	31.75	10	13	75	60	5SG 60 J	5		
SG00171	100	50	31.75	10	13	75	60	5SG 60 K	5		
SG00173	100	50	31.75	10	13	75	60	5SG 80 J	5		
SG00174	100	50	31.75	10	13	75	60	5SG 80 K	5		
SG00179	125	50	31.75	13	13	95	70	5SG 60 J	5		
SG00180	125	50	31.75	13	13	95	70	5SG 60 K	5		
SG00181	125	50	31.75	13	13	95	70	5SG 80 J	5		
SG00182	125	50	31.75	13	13	95	70	5SG 80 K	5		

# Type 12, Dish Wheel

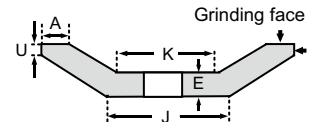


## 【Applications】

- Grinding hardened tool steels, such as alloy tool steels, and high speed tool steels.

## 【Features & Benefits】

- Dish wheels for tool and toolroom
- Abrasives : SG and WA



M.O.S.: 33 m/s

Item No.	Size (mm)									Spec.	Packing	Remarks
	O.D.	Thk.	Hole	J	K	E	U	A				
SG00521	100	13	12.7	50	50	8	2.5	5	5SG 80 K	5		
NX00203	100	13	12.7	50	50	10	2.5	5	WA(White) 80 K	10		
NX00205	125	13	12.7	65	65	8	3	6	WA(White) 80 K	10		
SG00522	125	13	12.7	65	65	8	3	6	5SG 80 J	5		
SG00523	125	13	12.7	65	65	8	3	6	5SG 80 K	5		
SG00157	125	13	31.75	65	65	8	3	6	5SG 60 K	5		
SG00158	125	13	31.75	65	65	8	3	6	5SG 80 K	5		
NX00206	150	13	12.7	75	75	8	3	10	WA(White) 60 J	10		
NX00207	150	13	12.7	75	75	8	3	10	WA(White) 60 K	10		
NX00208	150	13	12.7	75	75	8	3	10	WA(White) 80 K	10		
SG00067	150	13	12.7	75	75	8	3	10	5SG 60 J	5		
SG00068	150	13	12.7	75	75	8	3	10	5SG 60 K	5		
SG00159	150	13	12.7	75	75	8	3	10	5SG 80 J	5		
SG00069	150	13	12.7	75	75	8	3	10	5SG 80 K	5		
SG00525	150	13	12.7	75	75	8	3	10	5SG 80 L	5		
NX00212	150	13	15.88	75	75	8	3	10	WA(White) 60 K	10		
NX00214	150	13	31.75	75	75	8	3	10	WA(White) 60 J	10		
NX00215	150	13	31.75	75	75	8	3	10	WA(White) 60 K	10		
NX00216	150	13	31.75	75	75	8	3	10	WA(White) 80 J	10		
NX00217	150	13	31.75	75	75	8	3	10	WA(White) 80 K	10		
SG00070	150	13	31.75	75	75	8	3	10	5SG 60 J	5		
SG00071	150	13	31.75	75	75	8	3	10	5SG 60 K	5		
SG00527	150	13	31.75	75	75	8	3	10	5SG 80 J	5		
SG00072	150	13	31.75	75	75	8	3	10	5SG 80 K	5		
NX00222	150	19	31.75	75	75	10	3	6	WA(White) 60 J	10		
NX00220	150	19	31.75	75	75	10	3	10	WA(White) 60 J	10		
NX00221	150	19	31.75	75	75	10	3	10	WA(White) 80 K	10		
SG00073	150	19	31.75	75	75	10	3	10	5SG 60 J	5		
SG00528	150	19	31.75	75	75	10	3	10	5SG 60 K	5		
SG00161	150	19	31.75	75	75	10	3	10	5SG 80 J	5		
NX00223	205	19	15.88	100	100	13	3	8	WA(White) 80 K	10		

Depressed Center Wheel

Flexible Depressed Center Wheel

Cutting-off Wheel

Coated Abrasives/ Non-Woven Abrasives

Alumina Fiber Stones

Mounted Wheel

Straight Wheel

Other Shapes

Diamond /CBN Wheel

Truing & Dressing Tools

Grinding & Cutting Fluids

Filter

Safety Products

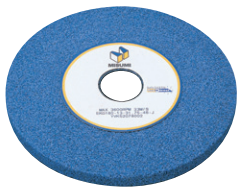
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MISUMI C-VALUE

平面研削用砥石

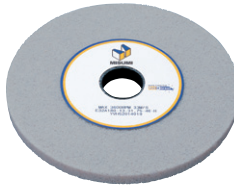
お買得

EKG



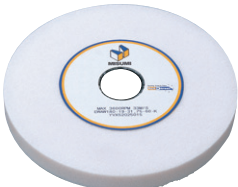
■砥粒  
 外径(180~205mm) : 5KG (KG50%、WA50%)  
 外径(305~355mm) : 3KG (KG30%、WA70%)  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

E32A



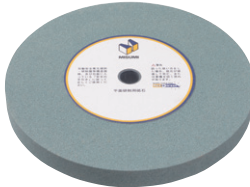
■砥粒 32A  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

EWAW



■砥粒 WA  
 ■最高使用周速度  
 150≦外径≦355 : 30m/s(2,000m/min)

EGC



■砥粒 GC  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

被削材に対する砥石の選定目安はP.277

1枚単位

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚	
				46	60	80	100	120		220
				結合度(選択)						
EKG	180	6.4	31.75		J			K	K	2,020
		10			J					2,070
		13		H JK	JK	J			K	2,490
	205	19		J	J					3,270
		6.4						K		2,490
		13		H J	J					3,000
19			I J	H J			K		3,890	
305	38	127		H JK	H J				K	3,720
					HI					13,340
										18,600

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚		
				46	60	80	100	120			
				結合度(選択)							
EWAW	150	13	12.7					K		730	
			31.75							620	
		16	12.7					K		780	
	180	6.4	31.75					K	K	K	780
		13			JK	JK	JK				870
		16			K						940
205	19						K			1,080	
	6.4									1,000	
	13						K			1,090	
	19		15.88							1,280	
305	32	76.2								4,070	
					31.75	J	K			1,280	
					50.8		K			1,280	
355	38	127		H J	JK				6,190		

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)				¥通常単価 1~2枚		
				46	60	80	100			
				結合度(選択)						
E32A	180	6.4	31.75				K	K	960	
		13					J			1,090
	205	19	50.8						1,540	
		25							4,130	
	305	32	76.2							5,120
355	38	127						5,910		
									7,870	

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目)	¥通常単価 1~2枚
				120	
				結合度	
EGC	150	16	12.7		910
	180	13	31.75	H	1,120
	205	19	15.88		1,360
25.4				1,360	



Order 注文例

E32A 180 - 6.4 - 31.75 - 60 - J  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度

EGC 180 - 13 - 31.75 - 120 - H  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度



Delivery 出荷日

在庫品



Price 価格

数量スライド価格 (1円未満切捨て)

数量	1~2	3~4	5~9	10~19	20~
値引率			3%	5%	10%
価格表					

お見積り

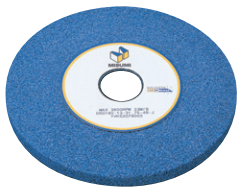
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MISUMI C-VALUE

平面研削用砥石

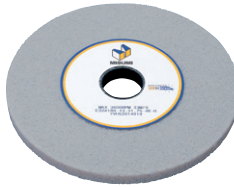
お買得

EKG



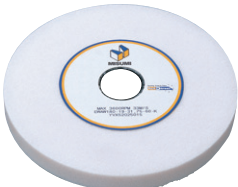
■砥粒  
 外径(180~205mm) : 5KG (KG50%、WA50%)  
 外径(305~355mm) : 3KG (KG30%、WA70%)  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

E32A



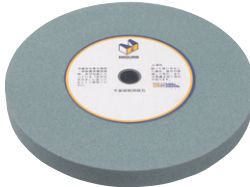
■砥粒 32A  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

EWAW



■砥粒 WA  
 ■最高使用周速度  
 150≦外径≦355 : 30m/s(2,000m/min)

EGC



■砥粒 GC  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

被削材に対する砥石の選定目安はP.277

1枚単位

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚	
				46	60	80	100	120		220
				結合度(選択)						
EKG	180	6.4	31.75		J			K	K	2,020
		10			J					2,070
		13		H JK	JK	J			K	2,490
	205	19		J	J					3,270
		6.4						K		2,490
		13		H J	J					3,000
19			I J	H J			K		3,890	
305	38	127		H JK	H J				3,720	
					HI				13,340	
									18,600	

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚
				46	60	80	100	120	
				結合度(選択)					
EWAW	150	13	12.7				K		730
			31.75						620
			12.7			K			780
180	6.4	31.75				K	K	K	780
			13	JK	JK	JK			870
			16	K					940
			19			K			1,080
			6.4					K	
205	13	15.88							1,090
						K			1,280
									1,280
						K			1,280
305	32	76.2				J			4,070
									6,190

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)				¥通常単価 1~2枚	
				46	60	80	100		
				結合度(選択)					
E32A	180	6.4	31.75				K	K	960
		13				J			1,090
	205	19	50.8	H J					1,540
		25	76.2	H					4,130
	305	32	127						5,120
355	38		H J					5,910	
								7,870	

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目)		¥通常単価 1~2枚
				120	結合度	
				結合度		
EGC	150	16	12.7			910
	180	13	31.75		H	1,120
	205	19	15.88			1,360
25.4					1,360	



Order 注文例

E32A 180 - 6.4 - 31.75 - 60 - J  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度

EGC 180 - 13 - 31.75 - 120 - H  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度



Delivery 出荷日

在庫品



Price 価格

数量スライド価格 (1円未満切捨て)

数量	1~2	3~4	5~9	10~19	20~
値引率			3%	5%	10%
価格表					

お見積り

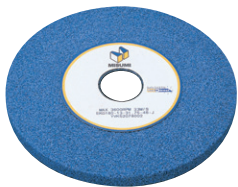
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C-VALUE

平面研削用砥石

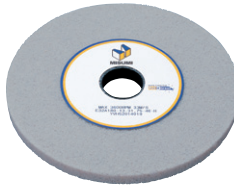
お買得

EKG



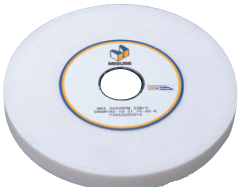
■砥粒  
 外径(180~205mm) : 5KG (KG50%、WA50%)  
 外径(305~355mm) : 3KG (KG30%、WA70%)  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

E32A



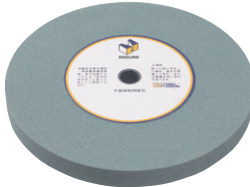
■砥粒 32A  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

EWAW



■砥粒 WA  
 ■最高使用周速度  
 150≦外径≦355 : 30m/s(2,000m/min)

EGC



■砥粒 GC  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

被削材に対する砥石の選定目安はP.277

1枚単位

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚
				46	60	100	120	220	
				結合度(選択)					
EKG	180	6.4	31.75		J		K	K	2,020
		10			J		K		2,070
		13		H JK	JK	J		K	2,490
		19		J	J	K			3,270
	205	6.4	50.8		J			K	2,490
		13		H J	J				3,000
		19		I J	H J			K	3,890
		305		H JK	H J	K			3,720
355	38	127		HI				13,340	
								18,600	

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚	
				46	60	80	100	120		
				結合度(選択)						
EWAW	150	13	12.7				K		730	
			31.75						620	
		16	12.7			K			780	
	180	6.4	31.75				K	K	K	780
		13		JK	JK	JK			870	
		16		K					940	
		19				K			1,080	
	205	6.4	50.8							1,000
		13				K			1,090	
		19		15.88						1,280
32		31.75		J	K			1,280		
305	32	76.2	J					4,070		
355	38	127	H J	JK				6,190		

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)				¥通常単価 1~2枚	
				46	60	80	100		
				結合度(選択)					
E32A	180	6.4	31.75				K	K	960
		13				J			1,090
	205	19	50.8	H J					1,540
		25	76.2	H					4,130
	305	32	127	H J					5,120
		32		H J					5,120
	355	38		H					5,910
				H J					7,870

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目)		¥通常単価 1~2枚
				120	結合度	
				結合度		
EGC	150	16	12.7			910
	180	13	31.75		H	1,120
	205	19	15.88			1,360
25.4					1,360	



Order 注文例

E32A 180 - 6.4 - 31.75 - 60 - J

型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度

EGC 180 - 13 - 31.75 - 120 - H

型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度



Delivery 出荷日

在庫品



Price 価格

数量スライド価格 (1円未満切捨て)

数量	1~2	3~4	5~9	10~19	20~
値引率			3%	5%	10%
価格表					

お見積り



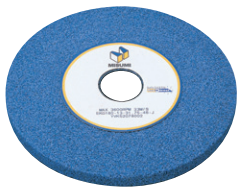
ミスミ

MISUMI C-VALUE

平面研削用砥石

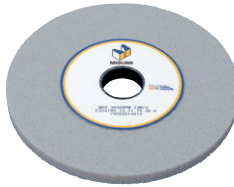
お買得

EKG



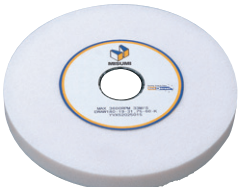
■砥粒  
 外径(180~205mm) : 5KG (KG50%、WA50%)  
 外径(305~355mm) : 3KG (KG30%、WA70%)  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

E32A



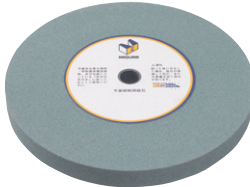
■砥粒 32A  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

EWAW



■砥粒 WA  
 ■最高使用周速度  
 150≦外径≦355 : 30m/s(2,000m/min)

EGC



■砥粒 GC  
 ■最高使用周速度  
 180≦外径≦355 : 30m/s(2,000m/min)

被削材に対する砥石の選定目安はP.277

1枚単位

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚
				46	60	100	120	220	
				結合度(選択)					
EKG	180	6.4	31.75		J		K	K	2,020
		10			J		K		2,070
		13		H JK	JK	J		K	2,490
	205	6.4	50.8		J	K			3,270
		13		H J	J				3,000
		19		I J	H J			K	3,890
305	38	127		H JK	H J	K		3,720	
					HI				13,340
								18,600	

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)					¥通常単価 1~2枚	
				46	60	80	100	120		
				結合度(選択)						
EWAW	150	13	12.7				K		730	
			31.75						620	
			12.7			K			780	
	180	6.4	31.75				K	K	K	780
		13			JK	JK	JK			870
		16			K					940
205	6.4	50.8				K			1,080	
	13						K		1,000	
	19								1,280	
305	32	76.2				J			1,280	
							K			1,280
										4,070
								6,190		

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目) (選択)				¥通常単価 1~2枚	
				46	60	80	100		
				結合度(選択)					
E32A	180	6.4	31.75				K	K	960
		13				J			1,090
	205	19	50.8						1,540
		25				H			4,130
	305	32	76.2						5,120
							H J		
355	38	127						5,910	
						H J			7,870

結合度は各該当欄のH・J・Kよりひとつを選択してください。  
 (A軟 → Z硬)

型番	外径	厚さ	穴径	粒度(目)	¥通常単価 1~2枚
				120	
				結合度	
EGC	150	16	12.7		910
	180	13	31.75	H	1,120
	205	19	15.88		1,360
25.4				1,360	



Order 注文例

E32A 180 - 6.4 - 31.75 - 60 - J  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度

EGC 180 - 13 - 31.75 - 120 - H  
 型番 外径(D) 厚さ(T) 穴径(H) 粒度(目) 結合度



Delivery 出荷日

在庫品



Price 価格

数量スライド価格 (1円未満切捨て)

数量	1~2	3~4	5~9	10~19	20~
値引率		3%	5%	10%	
価格表					

お見積り



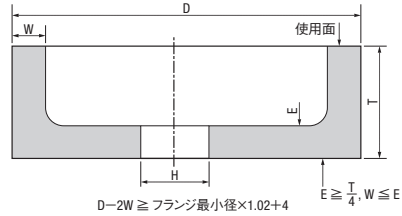
ノリタケカンパニー

GC砥石 ストレートカップ形

ビトリファイドを使ったストレートカップ形の研削盤用砥石です

3 日日出荷

- 仕様
- 砥粒：GC
- 最高使用周速度(m/s)：30
- 結合剤：V81R



1個単位

型番	外径 D	厚さ T	穴径 H	E	W	粒度 (#)	硬度	¥通常単価
1000E11470	100	50	31.75	13	10	120	H	3,340
1000E11480	125			16	13			4,570
1000E11490	125	65				100	G	5,580

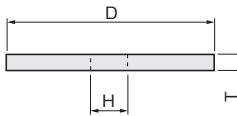
チロリット

精密平面研削用砥石

タイプ1



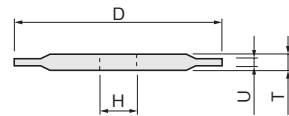
■最高使用周速度  
40m/s(2,400m/min)



タイプ10



■最高使用周速度  
40m/s(2,400m/min)



1枚単位

型番	タイプ	粒度 (#) (選択)							外径D	厚さT	穴径H	端厚U	砥粒の種類	砥粒の特長	¥通常単価 1~2枚			
		100	120	150	180	220	320	400										
89A	1	—	—	—	—	I	I	—	180	6.4	31.75	—	白色A	成形重視	4,360			
	10	—	—	—	—	I	I	I				3.2			4,880			
*90A	1	J	J	J	J	—	—	—				—	—	—	—	単結晶	切れ味重視	3,980
	10	J	J	K	—	—	—	—				3.2	5,890					
9GB	1	J	—	—	—	—	—	—				—	—	—	—	スペシャルグレード	オールマイティ	7,600
	10	—	—	K	—	—	—	—				3.2	8,400					
TY-C	—	—	—	—	—	—	J	—	—	—	—	—	グリーンカーボン(GC)	仕上性重視	5,910			

※製品ラベルの表示について

\*90Aの場合、製品のラベルには97A等のメーカーの製造管理番号が表示されておりますが、製品は90Aとなります(メーカーの製造管理番号は生産ロットにより96A等の違う番号に変わる場合があります)。



Order  
注文例

90A 10 - 100 - J  
型番 タイプ 粒度 (#) 結合度



Delivery  
出荷日

5 日日出荷



Price  
価格

■数量スライド価格(◎1円未満切捨て)

数量	1~2	3~4	5~9	10~19	20~
値引率			3%	5%	10%
価格表					お見積り

5が特長!

- 粒子の大きさが国内製品に比べて均一性が高く安定した切れ味を特長としており、精密研削加工に最適です。
- 砥石の成形がしやすく、リードフレーム型などの細溝の加工に最適です。