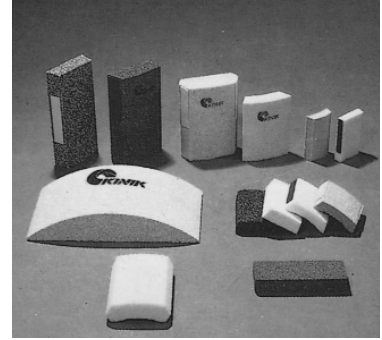
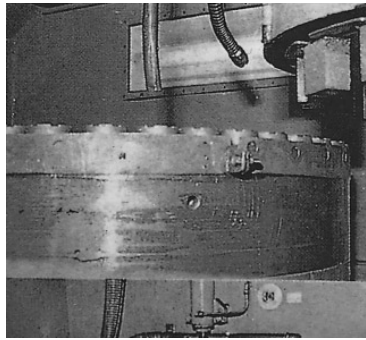


Segments are used for surface grinding and achieve: free cutting, (better discharge of chips and penetration of coolant) more stock removal, better grinding results (better dimensional accuracy, flatness, and surface finish)



Standard Segment marking (Example):

Shape No.	SG11
Specification	C24-K8V
Dimensions	56 x 16 x 100
Lot No.	H108-V81011

Note: In order to selection the proper type of segment, please consider the following point:

1. Type and size of grinding machine.
2. Material of workpiece.
3. Required metal removal rate and surface finish.
4. Operating speed and coolant used.

Recommendations

Material	Standard	Free Cutting	Long Life
Cast Iron	C30-J8V	C24-I8V	FSA30-J8V
Mild Steel	FSA30-J8V	WA24-I8V	FA30-J8V
Hardened Steel	WA36-H8V	WA30-H12V	PSA36-I8V
Stainless Steel	WA30-I8V	WA30-H12V	WA36-I8V

- Note: 1. Select free cutting segment for broader contact grinding.
 2. Select long life segment for narrow contact or interrupted grinding.
 3. Select standard specification for general purpose.







Standard Shapes & Sizes

No.	SHAPE	No.	SHAPE	No.	SHAPE	No.	SHAPE
SG-01 (SD)	 A x B x C x A ₁ x D	SG-08	 A x B x C x A ₁ x D	SG-21	 A x B x C x B ₁ x D	SG-31 (SF)	 A x B x C x A ₁ x D
SG-02 (SG)	 A x B x C x A ₁ x B ₁ x A ₂ x D	SG-10 (SA)	 A x B x C	SG-22	 A x B x C x A ₁ x B ₁ x A ₂ x B ₂ x D	SG-32 (RO)	 A x B x C x A ₁ x B ₁ x A ₂ x D
SG-03	 A x B x C x A ₁ x B ₁ x A ₂ x D	SG-11 (SO)	 A x B x C x A ₁	SG-23 (SB)	 A x B x C x A ₁ x D	SG-35	 A x B x C x R ₁ x R ₂
SG-04 (BL)	 A x B x C x D x R ₁	SG-12	 A x B x C x A ₁ x B ₁	SG-24 (SC)	 A x B x C x A ₁ x B ₁ x D	SG-36 (STG)	 A x B x C x A ₁ x D
SG-05 (CD)	 A x B x C x B ₁ x D	SG-13	 A x B x C x A ₁ x R	SG-25	 A x B x C x A ₁ x B ₁ x B ₂ x D	SG-37 (SE)	 A x B x C x A ₁ x D
SG-07	 A x B x C x A ₁ x B ₁ x A ₂	SG-14 (SA)	 A x B x C x A ₁ x B ₁ x A ₂	SG-26	 A x B x C x B ₁ x D	SG-38 (SEI)	 A x B x C x A ₁ x D

- Note: 1. C: Height D: Chuck diameter
 2. Please place order according to dimensions marked in above drawing.
 3. Please inform the numbers of segments per set in your order.

4. Additional shapes are available or request.
 5. For further information, please contact **KINIK** sales representatives.







Standard Shaps & Sizes

Shape	Size (mm)				Size (inch)				KINIK Drawing No.	Code NO.	Remark			
	A	B	C	A1	A	B	C	A1						
	SG01	60	16	100	42	2-3/8"	0.63"	4"	1-21/32"	M11-01-022	SG01-017			
		68	24	100	38	2-11/16"	15/16"	4"	1-1/2"	M11-01-066	SG01-029			
		75	19	97	52	3"	3/4"	3-3/4"	2"	M11-00-002	SG01-044			
		75	25	112	46	3"	1"	4-7/16"	1-13/16"	M11-01-072	SG01-054			
		95	25	120	73	3-3/4"	1"	4-3/4"	2-27/32"	M11-01-105	SG01-119	Gockel		
		115	30	180	80	4-1/2"	1-3/16"	7"	3-5/32"	M11-01-048	SG01-160			
		127	38	180	97	5"	1-1/2"	7"	3-3/4"	M11-01-023	SG01-178			
		268	92.5	180	225	10-9/64"	3-5/8"	7"	8-7/8"	M11-01-045	SG01-212			
		75	20	140	54	3"	25/32"	5-33/64"	2-1/8"	M11-01-088	SG01-050			
		75	24	127	52	3"	15/16"	5"	2-3/64"	M11-01-008	SG01-051			
		75	25	100	65	3"	1"	4"	2-1/16"	M11-01-035	SG01-053			
		76	20	106	46	3"	25/32"	4-11/64"	1-13/16"	M11-01-004	SG01-063			
		84	25	120	79	3-5/16"	1"	4-47/64"	2-27/32"	M11-01-056	SG01-087			
		95	30	120	67	3-3/4"	1-3/16"	4-47/64"	2-41/64"	M11-01-019	SG01-124			
		103	25	150	78.5	4-1/16"	1"	6"	3-3/32"	M11-01-007	SG01-133			
		125	35.5	150	84	5"	1-13/32"	6"	3-5/16"	M11-01-025	SG01-168			
		185	40.5	202	143	7-9/32"	1-19/32"	8"	5-5/8"	M11-02-005	SG01-203			
		128	35	200	93	5"	8"	8"	3-31/32"	M11-02-012	SG01-180			
		103	25	200	78.5	4-1/16"	8"	8"	3-3/32"	M11-01-099	SG01-134			
	SG02	97	32	125	80	3-13/16"	1-1/4"	5"	3-5/32"	M11-01-051	SG02-004			
		117.5	45	152	95	4-5/8"	1-3/4"	6"	3-3/4"	M11-01-067	SG02-011			
		127	38.1	152	113.5	5"	1-1/2"	6"	4-15/32"	M11-01-006	SG02-018			
	SG03	141	32	127	95	5-9/16"	1-1/4"	5"	3-3/4"	M11-01-507	SG03-003			
		173	38	150	132	6-27/32"	1-1/2"	6"	5-3/16"	M11-01-517	SG03-004			
		186.5	38	127	136	7-11/32"	1-1/2"	5"	5-11/32"	M11-01-001	SG03-006			
		186.5	38	157	136	7-11/32"	1-1/2"	6-1/4"	5-11/32"	M11-01-003	SG03-007			
		186.5	38	125	136	7-11/32"	1-1/2"	5"	5-11/32"	M11-01-002	SG03-008			
	SG04	145	50	150		5-11/16"	2"	6"		M11-01-058	SG04-003			
		159	32	153		6-1/4"	1-1/4"	6"		M11-01-040	SG04-004	Blanchard		
		159	32	159		6-1/4"	1-1/4"	6-1/4"		M11-01-012	SG04-007			
		180	44.5	152		7-1/16"	1-3/4"	6"		M11-01-013	SG04-014			
	SG05	70	15	150		2-3/4"	19/32"	6"		M11-01-522	SG05-005			
		70.5	17	150		2-13/16"	41/64"	6"		M11-01-525				
		230	75	67		9"	3"	2-5/8"		M11-00-004	SG05-029			
		286	57.2	152		11-1/4"	2-1/4"	6"		M11-01-020	SG05-033	Blanchard		
		286	76	205		11-1/4"	3"	8"		M11-02-004	SG05-048	Blanchard		
	286	57.2	205		11-1/4"	2-1/4"	8"		M11-02-022					
	SG07	184	39	140	19.5R	7-1/4"	1-17/32"	49/64"	3/4"R	M11-01-032	SG07-001			




Standard Shaps & Sizes

Shape	Size (mm)				Size (inch)				KINIK Drawing No.	Code NO.	Remark			
	A	B	C	A1	A	B	C	A1						
SG10	48.5	25	120		1-29/32"	1"	4-23/32"			SG10-005	Ichikawa			
	49	25	150		1-15/16"	1"	6"			SG10-005				
	49.5	25	125		1-61/64"	1"	5"		M12-01-218	SG10-007	Ichikawa			
	51	51	201		2"	2"	8"		M12-02-025	SG10-014	Miscellaneous			
	66	40	230		2-5/8"	1-9/16"	9"		M11-02-011	SG10-020				
	76	25	152		3"	1"	6"			SG10-029	Schneider			
	76	25	178		3"	1"	7"			SG10-030	Podasky			
	76	35	178		3"	1-3/8"	7"			SG10-031	Miscellaneous			
	77	50.8	114		3-1/32"	2"	4-1/2"		M11-01-093	SG10-032				
	79	24	152		3-1/8"	15/16"	6"		M12-01-023	SG10-033	Schneider			
	79	25	152		3-1/8"	1"	6"			SG10-034	T.O.S.			
	79.5	30.5	180		3-1/8"	1-13/64"	7-1/8"		M11-01-080	SG10-035				
	80	25	150		3-5/32"	1"	6"		M12-01-023	SG10-036	Reform			
	81	19	152		3-3/16"	3/4"	6"			SG10-041	Billeter			
	81	25	152		3-3/16"	1"	6"			SG10-042	Billeter			
	86	22	152		3-3/8"	7/8"	6"			SG10-044	Praehomawerk			
	90	35	200		2-9/16"	1-13/32"	8"		M11-02-014	SG10-050				
	90	37	197		3-9/16"	1-7/16"	7-3/4"			SG10-052	Gockel			
	91	35.5	155		3-19/32"	1-13/32"	6-3/32"		M11-01-075	SG10-053				
	108	40	160		4-1/4"	1-9/16"	6-5/16"			SG10-056	Schneider			
110	40	160		4-11/32"	1-9/16"	6-5/16"			SG10-059	Gockel				
120	30	180		4-23/32"	1-3/16"	7"			SG10-064	Miscellaneous				
120	35	180		4-23/32"	1-3/4"	7"			SG10-065	Miscellaneous				
120	40	180		4-23/32"	1-9/16"	7"		M11-01-078	SG10-066	Naxos				
SG11	50	25	110	44	2"	1"	4-11/32"	1-11/16"	M11-01-074	SG11-012				
	51	16	108	48	2"	5/8"	4-1/4"	1-7/8"	M11-01-071	SG11-011				
	55	15	90	50	2-11/64"	19/32"	3-17/32"	2"	M11-00-013	SG11-017	Miscellaneous			
	56	16	100	45	2-13/64"	5/8"	4"	1-25/32"	M11-01-029	SG11-024	AMC-Berco			
	58	20	115	49	2-9/32"	3/4"	4-9/16"	1-15/16"	M11-01-511	SG11-027	Alpha			
	60	20	120	49	2-3/8"	3/4"	4-23/32"	1-15/16"	M11-01-039					
	60	22	110	54	2-3/8"	7/8"	4-3/8"	2-1/8"	M11-01-028	SG11-033	Albant			
	65	20	60	60	2-9/16"	3/4"	2-3/8"	2-3/8"	M11-00-009	SG11-041	Zanrosso			
	65	20	100	45	2-9/16"	3/4"	4"	1-3/4"	M11-01-027	SG11-042	Cimar			
	65	20	100	48	2-9/16"	3/4"	4"	1-7/8"	M11-01-090	SG11-043	Matra			
	68	20	105	61	2-21/32"	3/4"	4-1/4"	2-13/32"	M11-00-022					
	70	25	110	64	2-3/4"	1"	4-3/8"	2-9/16"	M11-01-097	SG11-048				
	70	25	152	64	2-3/4"	1"	6"	2-9/16"	M11-01-081	SG11-050	Gockel			
	90	30	160	80	3-17/32"	1-3/16"	6-5/16"	3-5/32"	M11-01-016	SG11-060				
	90	30.5	190	80	3-17/32"	1-13/64"	7-1/2"	3-5/32"	M11-01-079	SG11-062				
	90	35	210	80	3-17/32"	1-3/4"	8-1/4"	3-5/32"	M11-02-009	SG11-064				
	92	30	190	83	3-5/8"	1-3/16"	6"	3-9/32"	M11-01-084	SG11-066				
	100	35	150	85	4"	1-3/4"	6"	3-7/32"	M11-01-089	SG11-068				
	102	34	203	90	4"	1-11/32"	8"	3-17/32"	M11-01-076	SG11-070				
	102	41	125	82	4"	1-5/8"	5"	3-11/32"	M11-01-029	SG11-073				
103	38	180	94	4-1/16"	1-1/2"	7"	3-11/16"	M11-00-508	SG11-075	Reform				
103	38	200	94	4-1/16"	1-1/2"	8"	3-11/16"	M11-02-016	SG11-076					
106	64	160	95	4-11/64"	2-1/2"	6-5/16"	3-3/4"	M11-01-018	SG11-078					
120	41	250	106	4-23/32"	1-5/8"	9-7/8"	4-11/64"	M11-01-094	SG11-080					
120	45	115	76	4-23/32"	1-3/4"	4-9/16"	3"	M11-01-085	SG11-082					
151	63	200	135	6"	2-1/2"	8"	5-5/16"	M11-02-015						

Standard Shaps & Sizes

Shape	Size (mm)				Size (inch)				KINIK Drawing No.	Code				Remark
	A	B	C	A1	A	B	C	A1						
 SG14	110	45	140	83	4-21/64"	1-3/4"	5-1/2"	3-17/64"	M11-01-069	SG14-002-				
	112	45	150	87.5	4-1/2"	1-3/4"	6"	3-7/16"	M11-01-042	SG14-003-				
	117	45	152	89	4-5/8"	1-3/4"	6"	3-1/2'	M11-01-064	SG14-008-				Snow
 SG22	65	20	65	61	2-9/16"	25/32"	2-9/16"	2-13/32"	M11-00-010	SG22-002-				
	65	20.5	80	61	2-9/16"	13/16"	3-5/32"	2-13/32"	M11-00-011	SG22-003-				
	85	32	100	85	3-11/32"	1-1/4"	4"	3-11/32"	M11-01-061	SG22-005-				
 SG23	65	24	80	55	2-9/16"	61/64"	3-5/32"	2-5/32"	M11-01-086	SG23-018-				
	65	25	105	57	2-9/16"	1"	4-1/8"	2-1/4"	M10-01-096	SG23-019-				Berco, Zanrosso
	66	25.4	150	58	2-9/16"	1"	6"	2-9/32"	M11-01-087	SG23-021-				Miscellaneous
	68	27	112	57	2-43/64"	1-1/16"	4-13/32"	2-1/4"	M11-01-510	SG23-025-				
	70	29	111	56	2-3/4"	1-9/64"	4-3/8"	2-9/32"	M11-01-026	SG23-030-				
	71	28.5	150	65	2-51/64"	1-1/8"	6"	2-9/16"	M11-01-073	SG23-032-				
	76.2	32	127	63.5	3"	1-1/4"	5"	2-1/2"	M11-01-044	SG23-035-				
	80	32	150	63	3-5/32"	1-1/4"	6"	2-1/2"	M11-01-516	SG23-037-				
	87	30	130	77	3-27/64"	1-3/16"	5-1/8"	3-1/32"	M11-01-054	SG23-040-				
	90	29.6	127	76.2	3-35/64"	1-11/64"	5"	3"	M11-01-010	SG23-042-				Berco, Zanrosso
	100	38	150	82	4"	1-1/2"	6"	3-15/64"	M11-01-098	SG23-045-				
	103	38	153	84	4-1/16"	1-1/2"	6"	3-25/64"	M11-01-059	SG23-051-				Churchill
	103	38	180	84	4-1/16"	1-1/2"	7"	3-25/64"	M11-01-043	SG23-054-				Churchill
	103	38	203	84	4-1/16"	1-1/2"	8"	3-25/64"	M11-02-007	SG23-056-				Churchill
	103	38	205	84	4-1/16"	1-1/2"	8"	3-5/16"	M11-02-013	SG23-057-				
	103	38	228	84	4-1/16"	1-1/2"	9"	3-5/16'	M11-02-003	SG23-059-				Churchill
106	40	150	87	4-11/64"	1-37/64"	6"	3-27/64"	M11-01-041	SG23-061-					
 SG24	106	44.5	150	87	4-3/16"	1-3/4"	6"	3-27/64"	M11-01-015	SG24-016-				
	117	44	151	79	4-5/8"	1-47/64"	6"	3-7/64"	M11-01-077	SG24-029-				Lumsden
	117	44	206	79	4-5/8"	1-47/64"	8"	3-7/64"	M11-02-002	SG24-030-				Lumsden
	168	57	231	114	6-5/8"	2-1/4"	9-3/32"	4-31/64"	M11-02-010	SG24-041-				Lumsden
 SG25	55	28	120	10	2-11/64"	1-7/64"	4-47/64"	25/64"	M11-01-091	SG25-001-				
	55	28	150	10	2-11/64"	1-7/64"	6"	25/64"	M11-01-092	SG25-003-				
	84	34	150	14	3-5/16"	1-11/32"	6"	35/64"	M11-01-082	SG25-008-				
	110	45	150	27	4-21/64"	1-49/64"	6"	1-1/16"	M11-01-050	SG25-010-				
	112	44	150	80	4-13/32"	1-47/64"	6"	3-5/32"	M11-01-053	SG25-012-				
	113.5	45	135	77	4-15/32"	1-49/64"	5-5/16'	3-1/32"	M11-01-037	SG25-014-				
 SG32	105	32	108	96	4-1/8"	1-1/4"	4-1/4"	3-25/32"	M11-01-021	SG32-007-				Rogers
	50	15.5	50	48	2"		2"		M11-00-016					

Standard Shaps & Sizes

Shape	Size (mm)				Size (inch)				KINIK Drawing No.	Code				Remark	
	A	B	C	A1	A	B	C	A1							
 SG36	135	32	100	108	5-5/16"	1-1/4"	4"	4-1/4"	M11-01-060	SG36-004-					
	150	31.5	127	110	6"	1-1/4"	5"	4-21/64"	M11-01-031	SG36-011-					
	168	38	155	142	6-37/64"	1-1/2"	6"	5-19/32"	M11-01-515	SG36-014-					
 SG37	49	22.5	110	44	1-15/16"	57/64"	4-21/64"	1-47/64"	M11-00-008	SG37-008-					
	50	16	90	45	2"	5/8"	3-35/64"	1-49/64"	M11-00-007	SG37-017-				Comec	
	50	16	100	45	2"	5/8"	4"	1-49/64"	M11-00-505	SG37-018-				Albant	
	53.5	16	110	47	2-7/64"	5/8"	4-21/64"	1-27/32"	M11-01-009	SG37-028-				Misal	
	85	28.5	150	75	3-11/12"	1-1/8"	6"	3"	M11-01-047	SG37-049-					
	49	16	100	45	1-15/16"	5/8"	4"	1-49/64"	M11-01-024						
 SG38	50	15	50	48	2"	0.59"	2"	1-57/64"	M11-00-018	SG38-005-				Zanrosso	
	78	21	80	70	1-5/64"	53/64"	3-5/32"	2-3/4"	M11-00-001	SG38-010-					
	77	20	100	70	3-1/32"	25/32"	4"	2-3/4"	M11-01-065	SG38-016-					
	77	22	80	70	3-1/32"	7/8"	3-5/32"	2-3/4"	M11-00-005	SG38-017-					
	77	22	100	70	3-1/32"	7/8"	4"	2-3/4"	M11-01-034	SG38-018-					
	79	21	102	70	3-7/64"	53/64"	4"	2-3/4"	M11-01-070	SG38-019-					
	79	21	140	70	3-7/64"	53/64"	5-1/2"	2-3/4"	M11-01-055	SG38-021-					
	80	19	80	73	3-5/32"	3/4"	3-5/32"	2-7/8"	M11-00-012	SG38-022-					Berco
	80	20	70	70	3-5/32"	25/32"	2-3/4"	2-3/4"	M11-00-006	SG38-023-					Scledum
	80	20	80	70	3-5/32"	25/32"	3-5/32"	2-3/4"	M11-00-019	SG38-024-					
	84	25	120	79	3-5/16"	1"	4-23/32"	3-7/64"	M11-01-057	SG38-025-					