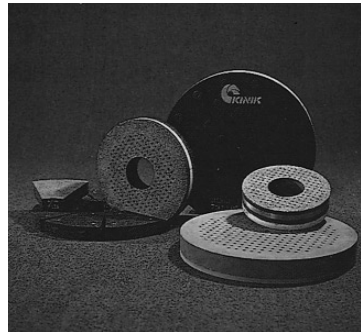
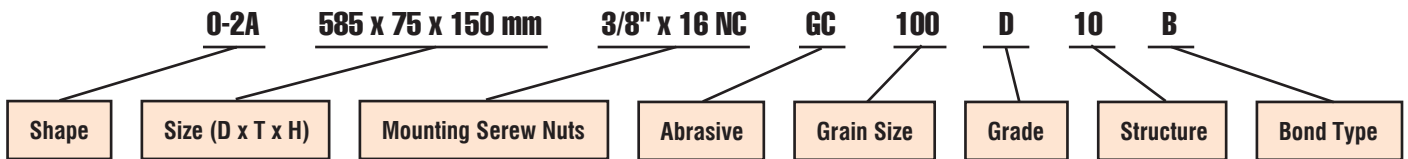


D.S.G Wheels are for machines which essentially grinds flat surfaces and mostly employ a pair of wheels called D.S.G. The wheels are mounted against steel machine plates so that the grinding is performed on the flat sides of the wheel.

D.S.G. have been developed into high production precision machine tools. Now, their use covers the entire range of grinding from snagging rough castings and forgings to extremely precise lapping.

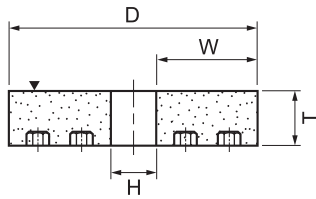


Designation of D.S.G. Wheels (Example):

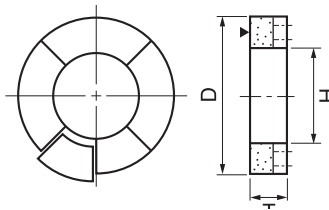


Standard Shape of D.S.G. Wheel

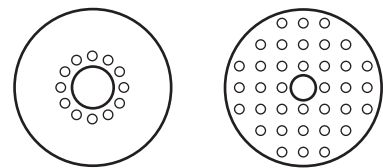
Shape: O-2A



Shape: O-3A/Segment type



Shape: O-4A Perforation

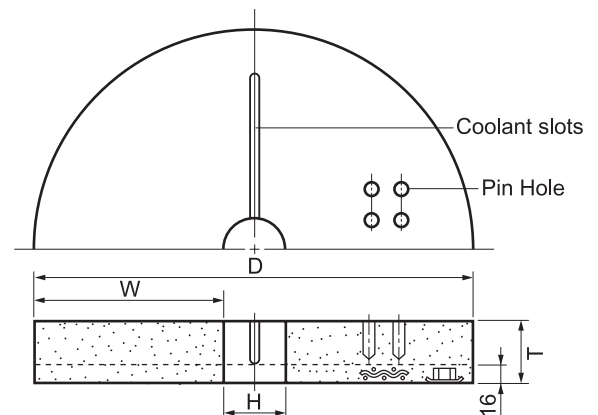
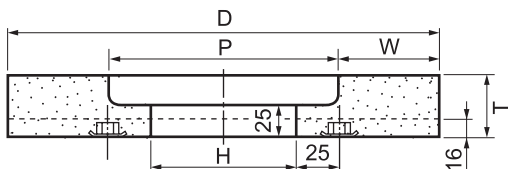


Note: 1. To improve chip disposal or cooling effect, perforation and coolant slots are available, on request.

2. For safety reasons, when nuts are close to the hole of a disc, it is recommended to design the disc as per the following drawing.

Shape: O-5A (Shape O-2A with Slots)

Shape: O-6A (Shape O-4A with Slots)



Recommendations

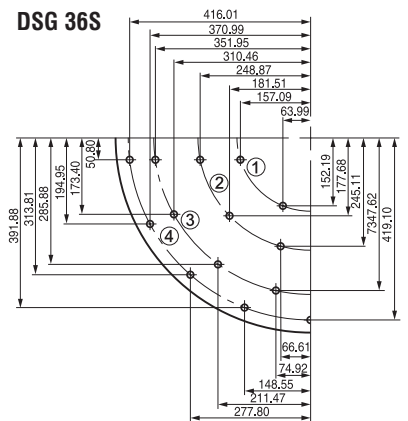
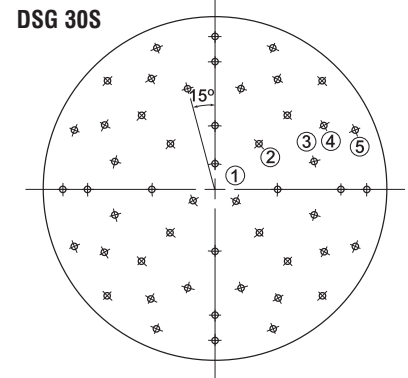
Applications	Standard Specification
Piston ring Roughing	C20NB, C24NB
Processing	C46LB, GC60HB
Finishing	GC80HB, GC120DB
Cast alnico	GC100EB
Ball bearing ring	SA80JB, 5KG46-DB

Applications	Standard Specifications
Coil springs	ø13 (1/2") ø25 (1") ø50 (2")
Leaf spring eyes	19A20MB
Connecting rods	WA46NV, WA24MMG, 64A36MB WA36MV, WA24PB, 64A24LB 19A24MV, WA20PB 19A20MB WA60JB, 32A60IB

KINIK D.S.G.Wheels Mounting Pattern Blueprints

KINIK B/P No.	No. of nut inserted & B.C.				
	Row (1)	Row (2)	Row (3)	Row (4)	Row (5)
DSG12S	3 on 120° 120.65 B.C.	6 on 60° 266.70 B.C.			
DSG14S	4 on 90° 177.80 B.C.	8 on 45° 304.80 B.C.			
DSG15S	5 on 72° 190.50 B.C.	10 on 36° 323.85 B.C.			
DSG16S	5 on 72° 190.50 B.C.	10 on 36° 323.85 B.C.			
DSG18S	3 on 120° 101.60 B.C.	5 on 72° 203.20 B.C.	5 on 72° 279.40 B.C.	10 on 36° 374.65 B.C.	
DSG20S	3 on 120° 107.95 B.C.	6 on 60° 203.20 B.C.	6 on 60° 304.80 B.C.	12 on 30° 431.80 B.C.	
DSG22S	3 on 120° 133.35 B.C.	7 on 51° 25.7' 285.75 B.C.	7 on 51° 25.7' 381.01 B.C.	14 on 25° 4.28' 508.00 B.C.	
DSG23S	3 on 120° 133.35 B.C.	7 on 51° 25.7' 285.75 B.C.	7 on 51° 25.7' 381.01 B.C.	14 on 25° 42.8' 508.00 B.C.	
DSG24S	6 on 60° 203.20 B.C.	6 on 60° 330.20 B.C.	6 on 60° 457.20 B.C.	12 on 30° 558.80 B.C.	
DSG26S	3 on 120° 107.75 B.C.	7 on 51° 25.7' 215.90 B.C.	7 on 51° 25.7' 381.00 B.C.	7 on 51° 25.7' 425.45 B.C.	14 on 25° 42.8' 571.50 B.C.
DSG30S	3 on 120° 107.95 B.C.	8 on 45° 279.40 B.C.	12 on 30° 457.20 B.C.	12 on 30° 558.80 B.C.	16 on 22° 30' 673.10 B.C.
DSG36S	8 on 330.20 B.C.	12 on 508.00 B.C.	16 on 711.20 B.C.	18 on 838.20 B.C.	

(Examples)



Standard Sizes

Size D x T x H	B/P No.	Size D x T x H	B/P No.	Size D x T x H	B/P No.
305 x 65 x 20		510 x 75 x 305		610 x 75 x 75	
305 x 65 x 125		510 x 65 x 355		610 x 90 x 75	
305 x 85 x 125		560 x 55 x 25.4		610 x 90 x 135	
355 x 65 x 125		560 x 40 x 90		610 x 75 x 242	
355 x 65 x 150		560 x 90 x 200		658 x 65 x 25.4	
380 x 70 x 12		585 x 75 x 12		660 x 65 x 25.4	
380 x 70 x 150		585 x 75 x 19		660 x 100 x 150	
400 x 75 x 60		585 x 55 x 100		660 x 110 x 150	
400 x 75 x 90		585 x 80 x 100		660 x 65 x 220	
400 x 75 x 125		585 x 65 x 150		660 x 75 x 305	
400 x 75 x 140		585 x 75 x 160		660 x 75 x 405	
400 x 85 x 140		585 x 65 x 195		750 x 75 x 19.05	
400 x 75 x 170		585 x 75 x 195		760 x 75 x 19.05	
400 x 75 x 215		585 x 70 x 255		760 x 60 x 25	
455 x 50 x 255		585 x 75 x 255		760 x 80 x 25	
455 x 75 x 255		585 x 90 x 255		760 x 65 x 285	
455 x 65 x 296		600 x 90 x 0		760 x 75 x 306	
458 x 65 x 25.4		600 x 75 x 20		760 x 75 x 330	
458 x 65 x 70		600 x 90 x 75		790 x 70 x 300	
458 x 65 x 150		600 x 75 x 100		800 x 70 x 295	
500 x 60 x 127		600 x 90 x 135		915 x 120 x 200	
510 x 75 x 295		600 x 75 x 150			