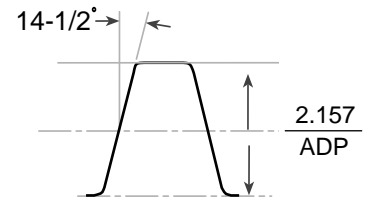
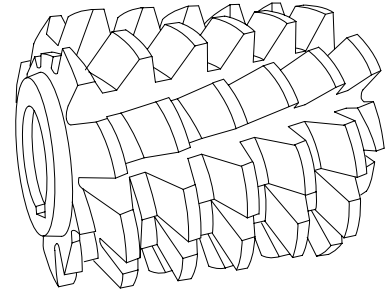


## HWS14 SERIES ADP, 14-1/2° PA

Axial Diam. Pitch	CP Equiv.	Worm P.D.	# of Threads	OD	Length	Bore	Specify Class A, B, C, D
3	1.0472	4	Single	4.97	4	1-1/4	HWS14-03-1
3	1.0472	4	Double	4.97	4	1-1/4	HWS14-03-2
3	1.0472	4	Triple	4.97	4	1-1/4	HWS14-03-3
4	.7854	3	Single	3.373	4-1/2	1-1/4	HWS14-04-1
4	.7854	3	Double	3.373	4-1/2	1-1/4	HWS14-04-2
4	.7854	3	Triple	3.373	4-1/2	1-1/4	HWS14-04-3
5	.6283	2.3	Single	2.88	3	1-1/4	HWS14-05-1
5	.6283	2.3	Double	2.88	3	1-1/4	HWS14-05-2
5	.6283	2.3	Triple	2.88	3	1-1/4	HWS14-05-3
5	.6283	2.3	Quad	2.88	3	1-1/4	HWS14-05-4
6	.5236	2	Single	2.49	3	3/4	HWS14-06-1
6	.5236	2	Double	2.49	3	3/4	HWS14-06-2
6	.5236	2	Triple	2.49	3	3/4	HWS14-06-3
6	.5236	2	Quad	2.49	3	3/4	HWS14-06-4
8	.3927	1-1/2	Single	1.878	2-1/2	3/4	HWS14-08-1
8	.3927	1-1/2	Double	1.878	2-1/2	3/4	HWS14-08-2
8	.3927	1-1/2	Triple	1.878	2-1/2	3/4	HWS14-08-3
8	.3927	1-1/2	Quad	1.878	2-1/2	3/4	HWS14-08-4
10	.3142	1-1/4	Single	1.555	2	1/2	HWS14-10-1
10	.3142	1-1/4	Double	1.555	2	1/2	HWS14-10-2
10	.3142	1-1/4	Triple	1.555	2	1/2	HWS14-10-3
10	.3142	1-1/4	Quad	1.555	2	1/2	HWS14-10-4
12	.2618	1	Single	1.285	1-3/4	1/2	HWS14-12-1
12	.2618	1	Double	1.285	1-3/4	1/2	HWS14-12-2
12	.2618	1	Triple	1.285	1-3/4	1/2	HWS14-12-3
12	.2618	1	Quad	1.285	1-3/4	1/2	HWS14-12-4
16	.1963	1-1/8	Single	1.385	1-3/4	1/2	HWS14-16-1

### Axial DP Worm Gear Hob Topping, Right Hand

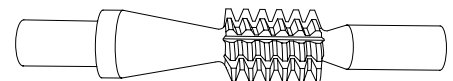


For left hand hob, inquire on HWSL14 Series.

## HWK14 SERIES ADP, 14-1/2° PA

Axial Diam. Pitch	CP Equiv.	Worm P.D.	Approx. OD	# of Threads	Specify Class A, B, C, D
8	.3927	1-1/2	1.890	Single	HWK14-08-1
8	.3927	1-1/2	1.890	Double	HWK14-08-2
8	.3927	1-1/2	1.890	Triple	HWK14-08-3
8	.3927	1-1/2	1.890	Quad	HWK14-08-4
10	.3142	1-1/4	.1570	Single	HWK14-10-1
10	.3142	1-1/4	.1570	Double	HWK14-10-2
10	.3142	1-1/4	.1570	Triple	HWK14-10-3
10	.3142	1-1/4	.1570	Quad	HWK14-10-4
12	.2618	1	1.285	Single	HWK14-12-1
12	.2618	1	1.285	Double	HWK14-12-2
12	.2618	1	1.285	Triple	HWK14-12-3
12	.2618	1	1.285	Quad	HWK14-12-4

### Axial DP Worm Gear Hob Shank Type, Topping Right Hand



20 DP & finer is 2.20/DP + .002

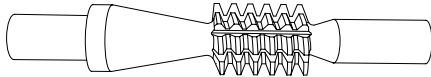
For left hand hob, inquire on HWKL14 Series.

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## HWK14 SERIES

### ADP, 14-1/2° PA (continued)

#### Axial DP Worm Gear Hob Shank Type, Topping Right Hand



20 DP & finer is 2.20/DP + .002

For left hand hob, inquire on HWKL14 Series.

**Premium Steel  
PM M45 & M42 In Stock!!**

Axial Diam. Pitch	CP Equiv.	Worm P.D.	Approx. OD	# of Threads	Specify Class A, B, C, D
14	.2243	13/16	1.128	Single	HWK14-14-1
14	.2243	13/16	1.128	Double	HWK14-14-2
16	.1963	5/8	.855	Single	HWK14-16-1
16	.1963	5/8	.855	Double	HWK14-16-2
16	.1963	5/8	.855	Triple	HWK14-16-3
16	.1963	5/8	.855	Quad	HWK14-16-4
16	.1963	1-1/8	1.355	Single	HWK14-16-1E
16	.1963	1-1/8	1.355	Double	HWK14-16-2E
20	.1571	9/16	.766	Single	HWK14-20-1
20	.1571	9/16	.766	Double	HWK14-20-2
24	.1309	1/2	.681	Single	HWK14-24-1
24	.1309	1/2	.681	Double	HWK14-24-2
32	.0982	7/16	.590	Single	HWK14-32-1
32	.0982	7/16	.590	Double	HWK14-32-2
48	.0654	1/3	.457	Single	HWK14-48-1
48	.0654	1/3	.457	Double	HWK14-48-2
64	.0491	5/16	.422	Single	HWK14-64-1
64	.0491	5/16	.422	Double	HWK14-64-2