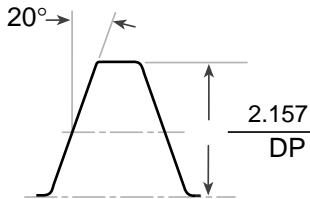
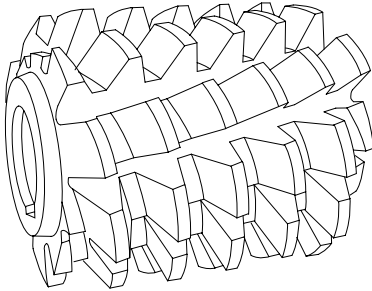


# HWS20 SERIES

## ADP, 20° PA

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



For left hand hob, inquire on HWSL20 Series.

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	HWS20-03-1
3	1.0472	4	Double	4.97	4	1-1/4	HWS20-03-2
3	1.0472	4	Triple	4.97	4	1-1/4	HWS20-03-3
4	.7854	3	Single	3.373	4-1/2	1-1/4	HWS20-04-1
4	.7854	3	Double	3.373	4-1/2	1-1/4	HWS20-04-2
4	.7854	3	Triple	3.373	4-1/2	1-1/4	HWS20-04-3
5	.6283	2.3	Single	2.88	3	1-1/4	HWS20-05-1
5	.6283	2.3	Double	2.88	3	1-1/4	HWS20-05-2
5	.6283	2.3	Triple	2.88	3	1-1/4	HWS20-05-3
5	.6283	2.3	Quad	2.88	3	1-1/4	HWS20-05-4
6	.5236	2	Single	2.49	3	3/4	HWS20-06-1
6	.5236	2	Double	2.49	3	3/4	HWS20-06-2
6	.5236	2	Triple	2.49	3	3/4	HWS20-06-3
6	.5236	2	Quad	2.49	3	3/4	HWS20-06-4
8	.3927	1-1/2	Single	1.878	2-1/2	3/4	HWS20-08-1
8	.3927	1-1/2	Double	1.878	2-1/2	3/4	HWS20-08-2
8	.3927	1-1/2	Triple	1.878	2-1/2	3/4	HWS20-08-3
8	.3927	1-1/2	Quad	1.878	2-1/2	3/4	HWS20-08-4
10	.3142	1-1/4	Single	1.555	2	1/2	HWS20-10-1
10	.3142	1-1/4	Double	1.555	2	1/2	HWS20-10-2
10	.3142	1-1/4	Triple	1.555	2	1/2	HWS20-10-3
10	.3142	1-1/4	Quad	1.555	2	1/2	HWS20-10-4
12	.2618	1	Single	1.285	1-3/4	1/2	HWS20-12-1
12	.2618	1	Double	1.285	1-3/4	1/2	HWS20-12-2
12	.2618	1	Triple	1.285	1-3/4	1/2	HWS20-12-3
12	.2618	1	Quad	1.285	1-3/4	1/2	HWS20-12-4

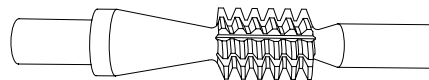
## DON'T SEE WHAT YOU WANT?

Sizes and configurations shown are the most popular. Other sizes and configurations available from stock, please call.

**HWK20 SERIES  
ADP, 20° 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	HWK20-08-1
8	.3927	1-1/2	1.890	Double	HWK20-08-2
8	.3927	1-1/2	1.890	Triple	HWK20-08-3
8	.3927	1-1/2	1.890	Quad	HWK20-08-4
10	.3142	1-1/4	1.570	Single	HWK20-10-1
10	.3142	1-1/4	1.570	Double	HWK20-10-2
10	.3142	1-1/4	1.570	Triple	HWK20-10-3
10	.3142	1-1/4	1.570	Quad	HWK20-10-4
12	.2618	1	1.285	Single	HWK20-12-1
12	.2618	1	1.285	Double	HWK20-12-2
12	.2618	1	1.285	Triple	HWK20-12-3
12	.2618	1	1.285	Quad	HWK20-12-4
14	.2243	13/16	1.128	Single	HWK20-14-1
14	.2243	13/16	1.128	Double	HWK20-14-2
14	.2243	13/16	1.128	Triple	HWK20-14-3
14	.2243	13/16	1.128	Quad	HWK20-14-4
16	.1963	5/8	.855	Single	HWK20-16-1
16	.1963	5/8	.855	Double	HWK20-16-2
16	.1963	5/8	.855	Triple	HWK20-16-3
16	.1963	5/8	.855	Quad	HWK20-16-4
20	.1571	9/16	.766	Single	HWK20-20-1
20	.1571	9/16	.766	Double	HWK20-20-2
20	.1571	9/16	.766	Triple	HWK20-20-3
20	.1571	9/16	.766	Quad	HWK20-20-4
24	.1309	1/2	.681	Single	HWK20-24-1
24	.1309	1/2	.681	Double	HWK20-24-2
24	.1309	1/2	.681	Triple	HWK20-24-3
24	.1309	1/2	.681	Quad	HWK20-24-4
32	.0982	7/16	.590	Single	HWK20-32-1
32	.0982	7/16	.590	Double	HWK20-32-2
32	.0982	7/16	.590	Triple	HWK20-32-3
32	.0982	7/16	.590	Quad	HWK20-32-4
48	.0654	1/3	.457	Double	HWK20-48-2
48	.0654	1/3	.457	Triple	HWK20-48-3
48	.0654	1/3	.457	Quad	HWK20-48-4
64	.0491	5/16	.422	Double	HWK20-64-2
64	.0491	5/16	.422	Triple	HWK20-64-3
64	.0491	5/16	.422	Quad	HWK20-64-4

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



20 DP & finer is 2.20/DP + .002

For left hand hob, inquire on HWKL20 Series.

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

**TYPICAL SHANK DIMENSIONS**

For Shank Type Hobs on The Next Page

