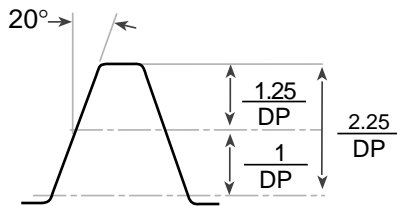
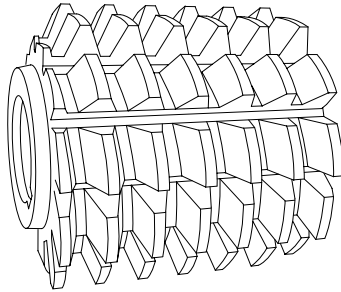


## HD20 & HLD20 SERIES DP, 20° PA

**Finishing, Single Thread  
Right Hand & Left Hand  
Non-Topping**



*This HD20 Series Hob will cut exactly the same tooth profile as the HS20 Series on the preceding pages, but will leave more clearance - like a shaper cutter, e.g., 2.25/DP.*

Diam. Pitch	O.D.	Length	Bore	Whole Depth	Specify Class AA, A, B, C, D	
					Right Hand	Left Hand
3/4	13	16	2-1/2	3.000	HD20-075	-
7/8	11-1/2	15-1/2	2-1/2	2.571	HD20-087	-
1	10-3/4	15	2-1/2	2.250	HD20-100	-
1-1/4	8-3/4	12	2	1.800	HD20-125	HLD20-125
1-1/2	8	10	2	1.500	HD20-150	HLD20-150
1-3/4	7-1/4	9	2	1.2857	HD20-175	HLD20-175
2	5-3/4	8	1-1/2	1.125	HD20-200	HLD20-200
2-1/4	5-1/2	7-1/2	1-1/2	1.000	HD20-225	HLD20-225
2-1/2	5	7	1-1/2	.900	HD20-250	HLD20-250
2-3/4	5	6	1-1/2	.8182	HD20-275	HLD20-275
3	4-1/2	5	1-1/4	.750	HD20-300	HLD20-300
3-1/2	4-1/4	4-3/4	1-1/4	.6429	HD20-350	HLD20-350
4	4	4	1-1/4	.5625	HD20-400	HLD20-400
4-1/2	3-1/2	3-1/2	1-1/4	.500	HD20-450	HLD20-450
5	3-1/2	3-1/2	1-1/4	.450	HD20-500	HLD20-500
5-1/2	3-1/2	3-1/2	1-1/4	.4091	HD20-550	HLD20-550
6	3-1/2	3-1/2	1-1/4	.375	HD20-600	HLD20-600
6-1/2	3-1/4	3-1/4	1-1/4	.3462	HD20-650	HLD20-650
7	3	3	1-1/4	.3214	HD20-700	HLD20-700
8	1-7/8	1-7/8	3/4	.2813	HD20-800S	HLD20-800S
8	3	3	1-1/4	.2813	HD20-800	HLD20-800
8-1/2	3	3	1-1/4	.2647	HD20-850	-
9	3	3	1-1/4	.250	HD20-900	HLD20-900
10	1-7/8	1-7/8	3/4	.225	HD20-010S	HLD20-010S
10	3	3	1-1/4	.225	HD20-010	HLD20-010
12	1-7/8	1-7/8	3/4	.1875	HD20-012S	HLD20-012S
12	2-3/4	2-3/4	1-1/4	.1875	HD20-012	HLD20-012
14	1-7/8	1-7/8	3/4	.1607	HD20-014S	HLD20-014S
14	2-1/2	2-1/2	1-1/4	.1607	HD20-014	HLD20-014
16	1-7/8	1-7/8	3/4	.1406	HD20-016S	HLD20-016S
16	2-1/2	2-1/2	1-1/4	.1406	HD20-016	HLD20-016
18	1-7/8	1-7/8	3/4	.125	HD20-018S	HLD20-018S
18	2-1/2	2	1-1/4	.125	HD20-018	HLD20-018

## CHD20 & CHLD20 SERIES DP, 20° PA

**“Cut Down” Size**

*Same tooth form as the HD20 Series above. The CHD20 Series is smaller in physical size, thus more economical for a short run requirement, and may fit on smaller capacity machines.*

Diam. Pitch	O.D.	Length	Bore	Whole Depth	Specify Class A, B, C, D	
					Right Hand	Left Hand
1	10-1/2	12-1/2	2	2.250	CHD20-100	CHLD20-100
1-1/4	8-1/2	10-3/4	1-1/2	1.800	CHD20-125	CHLD20-125
1-1/2	7-1/2	8	1-1/2	1.500	CHD20-150	CHLD20-150
1-3/4	6-3/4	8	1-1/2	1.2857	CHD20-175	CHLD20-175
2	5-1/2	6	1-1/4	1.125	CHD20-200	CHLD20-200
2-1/4	5-1/4	6	1-1/4	1.000	CHD20-225	CHLD20-225
2-1/2	4-3/4	5	1-1/4	.900	CHD20-250	CHLD20-250
2-3/4	4-3/4	4-3/4	1-1/4	.8182	CHD20-275	CHLD20-275
3	4	4	1-1/4	.750	CHD20-300	CHLD20-300