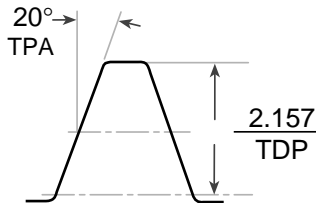
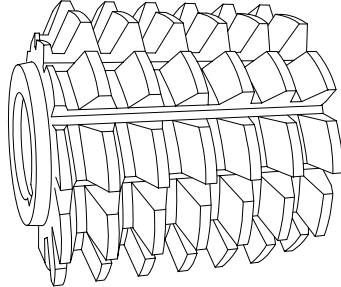


## HTD20 SERIES TDP, 20° TPA

**20° Helical  
Trans. DP & Trans. PA  
Finishing, Single Thread  
Right Hand**



20 DP & finer, WD = 2.2/TDP + .002  
20° TPA = 18.8817° NPA = (18° 52'54")

For left hand hob, inquire on HTDL20 Series.

Transverse DP	Norm. DP	OD	Length	Bore	Whole Depth	Specify Class B, C, D
1	1.064	10-1/4	13-1/2	2	2.157	HTD20-100
1-1/4	1.330	8-1/4	9	1-1/2	1.7256	HTD20-125
1-1/2	1.596	7	8	1-1/2	1.438	HTD20-150
1-3/4	1.862	6-1/4	7	1-1/2	1.2326	HTD20-175
2	2.1284	5-3/4	6-1/2	1-1/2	1.0786	HTD20-200
2-1/2	2.6604	5	6	1-1/2	.8628	HTD20-250
3	3.1925	4-1/2	5	1-1/4	.719	HTD20-300
3-1/2	3.7246	4	4	1-1/4	.6163	HTD20-350
4	4.257	4	4	1-1/4	.5393	HTD20-400
4-1/2	4.789	3-1/2	3-1/2	1-1/4	.4793	HTD20-450
5	5.321	3-1/2	3-1/2	1-1/4	.4314	HTD20-500
6	6.385	3-1/4	3-1/4	1-1/4	.3595	HTD20-600
7	7.449	3	3	1-1/4	.3082	HTD20-700
8	8.513	3	3	1-1/4	.2696	HTD20-800
9	9.578	2-3/4	2-3/4	1-1/4	.2397	HTD20-900
10	10.642	1-7/8	1-7/8	3/4	.2157	HTD20-010S
10	10.642	2-3/4	2-3/4	1-1/4	.2157	HTD20-010
12	12.770	1-7/8	1-7/8	3/4	.1798	HTD20-012S
12	12.770	2-1/2	2-1/2	1-1/4	.1798	HTD20-012
16	17.027	1-7/8	1-7/8	3/4	.1348	HTD20-016S
16	17.027	2-1/2	2-1/2	1-1/4	.1348	HTD20-016
18	19.1552	1-7/8	1-7/8	3/4	.1198	HTD20-018S
20	21.2836	1-7/8	1-7/8	3/4	.112	HTD20-020S
24	25.5403	1-7/8	1-7/8	3/4	.0937	HTD20-024S
28	29.7970	1-7/8	1-7/8	3/4	.0806	HTD20-028S
32	34.0537	1-7/8	1-7/8	3/4	.0708	HTD20-032S

## HTS20 SERIES TDP, 20° TPA

**20° Helical  
Trans. DP & PA, Stub  
Finishing, Single Thread  
Right Hand**

WD = 1.800/TDP  
20° TPA = 18.8817° NPA = (18° 52'54")

For left hand hob, inquire on HTSL20 Series.

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

Transverse DP	Norm. DP	OD	Length	Bore	Whole Depth	Specify Class B, C, D
1	1.064	10	12-1/2	2	1.800	HTS20-100
1-1/4	1.330	7-1/2	9-1/2	1-1/2	1.440	HTS20-125
1-1/2	1.596	7	8	1-1/2	1.200	HTS20-150
1-3/4	1.862	6-1/4	7-1/4	1-1/2	1.0286	HTS20-175
2	2.1284	5	6	1-1/4	.900	HTS20-200
2-1/2	2.6604	4-1/2	5-1/2	1-1/4	.720	HTS20-250
3	3.1925	4-1/4	4-1/4	1-1/4	.600	HTS20-300
3-1/2	3.7246	4	4	1-1/4	.5143	HTS20-350
4	4.257	4	4	1-1/4	.450	HTS20-400

### DON'T SEE WHAT YOU WANT?

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