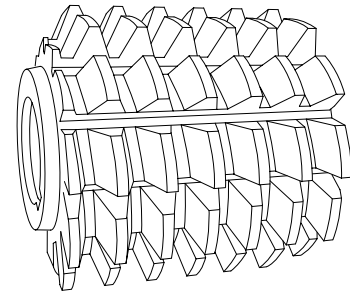


# HTD45-14 & HTD45-20 SERIES

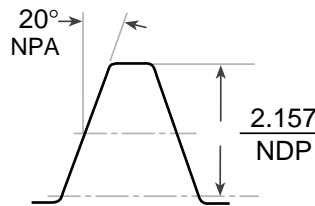
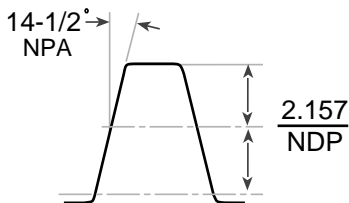
## TDP, 45° HELICAL

### Trans. DP & Normal. PA , Finishing Single Thread, Right Hand



Previously HTD-14-45 & HTD20-45 Series.

Transverse DP	Normal DP	OD	Length	Bore	Whole Depth	Specify Class B, C, D	
						14-1/2° NPA	20° NPA
2	2.828	5-3/4	6-1/2	1-1/2	.7627	HTD45-14-200	HTD45-20-200
2-1/2	3.536	5	6	1-1/2	.610	HTD45-14-250	HTD45-20-250
3	4.243	4-1/2	5	1-1/4	.5084	HTD45-14-300	HTD45-20-300
4	5.657	4	4	1-1/4	.3813	HTD45-14-400	HTD45-20-400
4-1/2	6.364	3-1/2	3-1/2	1-1/4	.3389	HTD45-14-450	HTD45-20-450
5	7.071	3-1/2	3-1/2	1-1/4	.3050	HTD45-14-500	HTD45-20-500
6	8.485	3	3	1-1/4	.2542	HTD45-14-600	HTD45-20-600
7	9.900	3	3	1-1/4	.2179	HTD45-14-700	HTD45-20-700
8	11.313	1-7/8	1-7/8	3/4	.1907	HTD45-14-800S	HTD45-20-800S
8	11.313	2-3/4	2-3/4	1-1/4	.1907	HTD45-14-800	HTD45-20-800
9	12.728	2-3/4	2-3/4	1-1/4	.1695	HTD45-14-900	HTD45-20-900
10	14.142	1-7/8	1-7/8	3/4	.1525	HTD45-14-010S	HTD45-20-010S
10	14.142	2-1/2	2-1/2	1-1/4	.1525	HTD45-14-010	HTD45-20-010
12	16.970	1-7/8	1-7/8	3/4	.1271	HTD45-14-012S	HTD45-20-012S
12	16.970	2-1/2	2-1/2	1-1/4	.1271	HTD45-14-012	HTD45-20-012
14	19.7990	2-1/2	2-1/2	1-1/4	.1089	HTD45-14-014	HTD45-20-014
16	22.627	1-7/8	1-7/8	3/4	.0953	HTD45-14-016S	HTD45-20-016S
16	22.627	2-1/2	2-1/2	1-1/4	.0953	HTD45-14-016	HTD45-20-016
18	25.4558	1-7/8	1-7/8	3/4	.0847	HTD45-14-018S	HTD45-20-018S
20	28.28	1-7/8	1-7/8	3/4	.0798	HTD45-14-020S	HTD45-20-020S
24	33.94	1-7/8	1-7/8	3/4	.0668	HTD45-14-024S	HTD45-20-024S
28	39.598	1-7/8	1-7/8	3/4	.0576	HTD45-14-028S	HTD45-20-028S
32	45.2548	1-7/8	1-7/8	3/4	.0506	HTD45-14-032S	HTD45-20-032S



20 NDP & finer WD is 2.20/NDP + .002

For 14-1/2° NPA left hand hob, inquire on HTDL45-14 Series.

For 20° NPA left hand hob, inquire on HTDL45-20 Series.

For 45°, 14-1/2° NPA = 20.0895° TPA = (20° 5'22")

20° NPA = 27.2363° TPA = (27° 14'11")