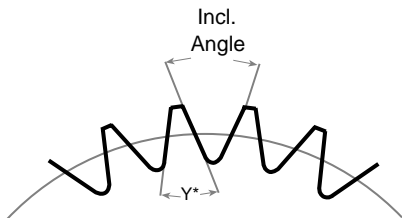
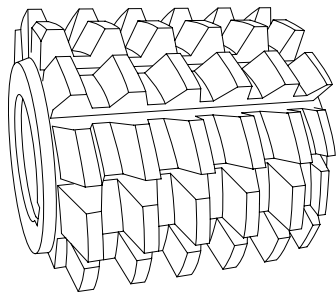


# HM81 SERIES

## 60° & 55° INCLUDED ANGLES

### DIN 5481 Serration Straight-Sided



*This DIN 5481 standard was originally developed for the German aircraft industry. Many applications of this standard are still being used.*

*Our thanks to Dathan Tool & Gauge Co., Ltd. for their technical assistance on this standard.*

Nom. Dia. in MM	No. Teeth in Part	OD	Length	Bore	Approx. Whole Depth	Specify Class B, C, D					
<b>60° INCLUDED ANGLES</b>											
8 x 7	28	1-1/8	1-1/8	1/2	.0197	HM81-8-28H					
10 x 8	28	1-1/8	1-1/8	1/2	.0305	HM81-10-28H					
12 x 10	30	1-1/8	1-1/8	1/2	.0297	HM81-12-30H					
14 x 12	31	1-1/8	1-1/8	1/2	.0364	HM81-14-31H					
17 x 15	32	1-1/8	1-1/8	1/2	.0394	HM81-17-32H					
20 x 17	33	1-7/8	1-1/2	3/4	.0459	HM81-20-33S					
24 x 21	34	1-7/8	1-1/2	3/4	.0559	HM81-24-34S					
30 x 26	35	1-7/8	1-1/2	3/4	.0650	HM81-30-35S					
34 x 30	36	1-7/8	1-1/2	3/4	.0652	HM81-34-36S					
40 x 36	37	1-7/8	1-7/8	3/4	.0717	HM81-40-37S					
44 x 40	38	1-7/8	1-7/8	3/4	.078	HM81-44-38S					
50 x 45	39	1-7/8	1-7/8	3/4	.0927	HM81-50-39S					
50 x 45	39	2-1/2	2	1-1/4	.0927	HM81-50-39					
55 x 50	40	1-7/8	1-7/8	3/4	.0953	HM81-55-40S					
55 x 50	40	2-1/2	2	1-1/4	.0953	HM81-55-40					
60 x 55	42	1-7/8	1-7/8	3/4	.0965	HM81-60-42S					
60 x 55	42	2-1/2	2	1-1/4	.0965	HM81-60-42					
<b>55° INCLUDED ANGLES</b>											
65 x 60	41										
70 x 65	45										
75 x 70	48										
80 x 75	51										
85 x 80	55										
90 x 85	58						1-7/8	1-7/8	3/4	.0984	HM81-65-125S
95 x 90	61						2-1/2	2	1-1/4	.0984	HM81-65-125
100 x 95	65										
105x100	68										
110x105	71										
115x110	75										
120x115	78										
125x120	81										

The above hob will cut the complete upper range: 65mm – 125mm

Previously known as HM60 & HM55 Series.