

► GHFH SERIES HELICAL RACK (QUALITY Q10)



Type Code

Rack Series	Module	Length	Precision Grade
GHFH	- 20	- 10	- 10
Helical Teeth	15 = Mod 1.5	10 = 1 m (standard)	ISO 10
Right Hand Helix	20 = Mod 2		
Finish Milled	30 = Mod 3		
Induction Hardened	40 = Mod 4		

Part Numbers

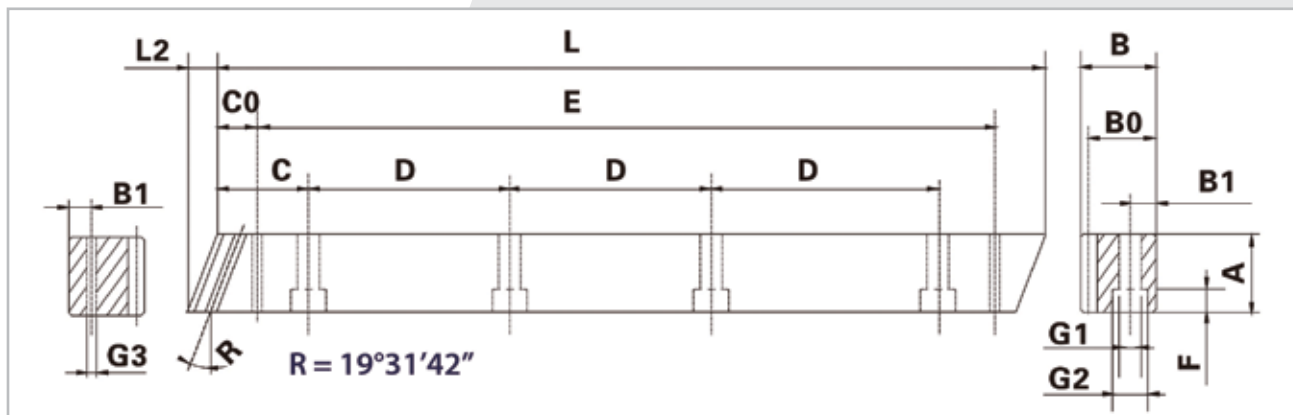
Module	1.5	2.0	3.0	4.0
Type Code	GHFH-15-10-10	GHFH-20-10-10	GHFH-30-10-10	GHFH-40-10-10
Part Number	84020012	84020005	84020006	84020007

Specifications

Quality	ISO Q10	Hardness	50 - 55 HRC
Helix Angle	Right Hand 19° 31' 42"	Teeth Finish	Finish Milled
Pressure Angle	20°	Side/End Finish	Finish Milled
Material	1045	Heat Treatment	Induction Hardened

Tolerance

Module	1.5	2.0	3.0	4.0
Tooth Thickness Tolerance (μm)	-124	-124	-124	-124
Single Pitch Error (μm)	≤37	≤37	≤39	≤43
Total Pitch Error (μm)	≤148	≤148	≤162	≤175



Dimensions (mm)

Type Code	Module	No. of Teeth	L	L2	A	B	B0	C	D	No of Holes	B1	G1	G2	F	C0	E	G3	Weight (kg)
GHFH-15-10-10	1.5	200	1000	6.00	17	17	15.5	62.50	125	8	8	6	9.5	7	31.7	936.60	5.7	2.6
GHFH-20-10-10	2	150	1000	8.50	24	24	22	62.50	125	8	8	7	11	7	31.7	936.60	5.7	4.1
GHFH-30-10-10	3	100	1000	10.30	29	29	26	62.50	125	8	9	10	15	9	35.0	930.00	7.7	6.0
GHFH-40-10-10	4	75	1000	13.80	39	39	35	62.50	125	8	12	10	15	9	33.3	933.40	7.7	10.8