



General Information

All dimensions in mm
 General tolerances: ±0.13mm
 Material: Stainless steel 303
 Pressure angle 20°
 Gleason system

Associated Products

Shafts
 Bearings
 Visit our online catalogue for associated products at: www.reliance.co.uk

Drawing dimension table

Part Number (pair)	Overall Length ±0.15		Outside Dia +0.00 / -0.05		Pitch Dia Gear ØE2	Hub Lengths ±0.25		Distance to Apex +0.00 / -0.03 Pinion A1
	Pinion L1	Gear L2	Pinion ØD1	Gear ØD2		Pinion C1	Gear C2	
M05N-1S	12.52	12.52	16.71	16.71	16.0	7.50	7.50	17.50
M05N-2S	11.80	11.49	17.20	32.29	32.0	7.00	6.00	24.00
M05N-3S	9.98	10.98	17.34	48.19	48.0	5.30	6.00	30.00
M05N-4S	10.03	10.70	17.39	64.14	64.0	5.50	6.00	38.00

Specifications table

Part Number (pair)	Ratio	Pitch (module)	Number of Teeth		Max. Tooth to Tooth Comp. Error (pair)	Max. Total Comp. Error (pair)
			Pinion	Gear		
M05N-1S	1:1	0.5	32	32	0.025	0.050
M05N-2S	2:1		32	64		
M05N-3S	3:1		32	96		
M05N-4S	4:1		32	128		