

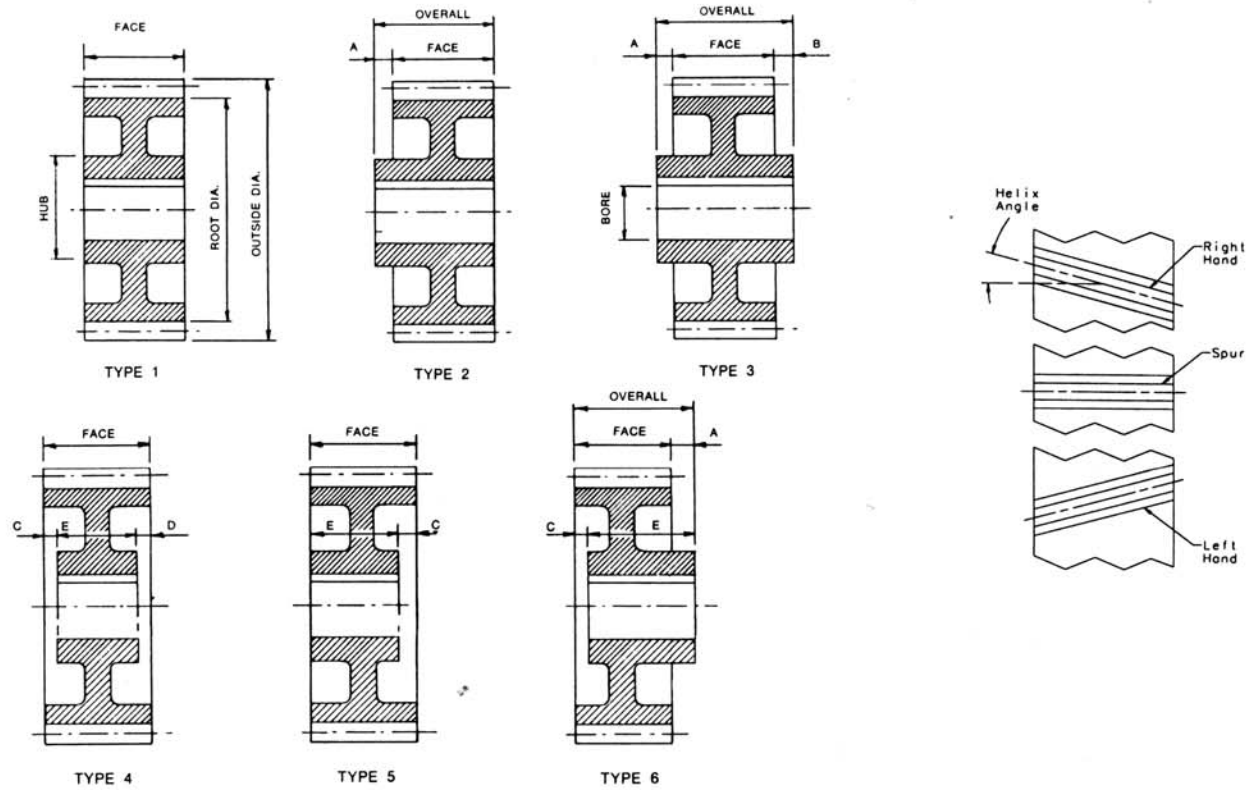


spur & helical gears

Company: _____

Location: _____

Submitted by: _____ Date: _____



Type	Number of Teeth	Pitch ^{1,5}	Pressure Angle ²	Face	Outside Diameter	Root Diameter	Bore ³

Keyway ⁴	Overall	Hub Diameter	A	B	C	D	E	Helix Angle ⁵	Hand of Helix ⁵

- List pitch and transverse or normal plane. Obtain span measurements over three consecutive teeth (min.)
- Label pressure angle and transverse or normal plane.
- Specify if the bore is straight or tapered. If tapered, give taper per foot and specify if the keyway is parallel to the bore or centerline. Also, give bore size at the large end and its relationship to hub extensions.
- Specify if the keyway is straight or tapered. If tapered, give taper per foot and location of the deep end.
- For helical gears, obtain a rub impression of OD teeth, including edge of teeth, and label hand of helix. For all gears, obtain a rub of the profile.
- Give catalog number, part number, and application.
Catalog # _____ Part # _____ Application _____
- Mating info: Specify number of teeth in mate: _____; center distance with mate: _____; part number of mate: _____
- Specify tooth hardness _____
- Additional remarks: _____