MATERIAL SELECTION GUIDE

ONE STOP CUTTING SHOP

STAINLESS STEEL

Material	Thickness Range (mm)	Stocked by OSCS	General cut process	Comments	Common uses
Stainless 304 BA (Bright)	0.55, 0.7, 0.9, 1.2, 1.5, 2mm	✓	Laser	Bright shinny finish (looks like Chrome) corrosion resistant.	Decorative parts, signage and displays
Stainless 304 2B	0.55,0.7, 0.90, 1.2, 1.5, 2, 2.5, 3, 4, 5, 6mm (8mm available on request)	✓	Laser	An economical general purpose grade with a smooth finish for general applications, great formability and weldability, preferred choice for items that are polished after manufacture.	Food equipment, architectural components, machine parts, general sheet metal components that require corrosion resistance.
Stainless 304 #1	8, 10, 12, 16, 20mm*	✓	Laser	An economical general purpose grade with a mill finish for general applications, great formability and weldability.	Food equipment, architectural components, machine parts, general components that require corrosion resistance.
Stainless 304 #4 (Satin)	0.55, 0.70, 0.9, 1.2, 1.5, 2, 2.5, 3mm	✓	Laser	An economical general purpose grade with a brushed finish for general applications, great formability and weldability.	Signage, decorative panels, general components where a brushed finish is desirable.
Stainless 304 #8 (Super Mirror)	0.9, 1.5mm		Laser	A super mirror finish for decorative applications	Non-breakable mirrors shop fittings, signage and displays
Stainless 316 2B	0.55 to 6mm (8mm available on request)	✓	Laser	A grade with higher corrosion resistance often referred to as 'Marine Grade' smooth finish, great formability and weldability, preferred choice for items that are polished after manufacture	Marine fittings, outdoor signage, architectural components, machine components used in corrosive environments.
Stainless 316 #1	8mm to 20mm*	✓	Laser	A grade with higher corrosion resistance often referred to as 'Marine Grade' with a mill finish, great formability and weldability.	Marine fittings, architectural components, machine components used in corrosive environments
Stainless 316 #4 (Satin)	0.55 to 3mm	✓	Laser	A grade with higher corrosion resistance often referred to as 'Marine Grade' with a brushed finish, great formability and weldability	Signage, decorative panels in an outdoor environment, components where a brushed finish is desirable.

*Check availability and price

Disclaimer; the information above is for general information only. For specific properties and uses contact material suppliers directly.