

STAINLESS STEELS

Grade	Description	Supplied Hardness HRC	Polishability	Corrosion Resistance	Wear Resistance	Toughness	Machinability
PREHARDENED STAINLESS STEELS							
RoyAlloy®	400 series stainless, excellent machinability and dimensional stability.	~32	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
UltraChem®	Resulfurized 15-5 stainless, high machinability and corrosion resistance.	~38	★★★★☆	★★★★★	★★★★☆	★★★★☆	★★★★★
EDRO400®	400 series stainless, excellent dimensional stability and polishability.	~38	★★★★★	★★★★☆	★★★★☆	★★★★☆	★★★★☆
BÖHLER M303	Modified DIN 1.2316, high polishability and dimensional stability.	~38	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆

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HARDENABLE STAINLESS STEELS							
BÖHLER M310 ISOPLAST	AISI 420 ESR stainless.	~52*	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆
BÖHLER M333 ISOPLAST	Modified 420 ESR Stainless, superior toughness, excellent thermal conductivity.	~48*	★★★★★	★★★★☆	★★★★☆	★★★★☆	★★★★☆
BÖHLER M340 ISOPLAST	Modified 440B stainless, remelted. High wear resistance.	~54*	★★★★☆	★★★★☆	★★★★★	★★★★☆	★★★★☆
BÖHLER M368 MICROCLEAN	Powder Metallurgical modified 440B stainless for high toughness.	~54*	★★★★☆	★★★★☆	★★★★★	★★★★☆	★★★★☆
BÖHLER M390 MICROCLEAN	Powder Metallurgical stainless grade, extremely high wear resistance.	~60*	★★★★☆	★★★★☆	★★★★★	★★★★☆	★★★★☆