

Effects of Temperature on Modulus of Elasticity (Recommended values)

Profile	Material	Modulus of Elasticity (KN/mm2) at										
		20	100	200	300	400	500	600	700			
Standard Material	60Si2MnA	206	204	199								
	50CrV4	206	202	196								
Corrosion Resistant	SUS301	190	185	178								
	SUS304	190	185	178								
	SUS316	190	185	178								
	17-4PH	196	190	185								
	17-7PH	200	195	190								
	15-7PH	200	195	190								
Thermally Stable	30W4CrVA	206	202	196								
	H13	300				180						
	X22CrMoV12 1	209	205	200	193							
Anti-magnetic	CuBe2	135	131	126								
High Temperature	Inconel 718	200	196	190	186	179	172					
	Inconel 750	214	207	198	190	179	170					
	Nimonic 90	206	201	195	189	181	175	167	160			