

Kinetic studies by the present authors^{4,19} evaluate effects of pressure, temperature, displacive shearing stresses and even of minute traces of moisture in several solid-state reactions involving amorphous or crystalline compounds. The use of displacive shearing stresses have helped resolve the polymorphic relations in ThSiO₄.²⁰

Densification of glasses²¹ and crystallisation of glasses²² under pressure have received considerable attention.

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APPENDIX

66 HS	Molybdenum high-speed steel, Type 6-5-4-2. AISI-SAE Designation M-2 Source—Bethlehem Steel Co.	Stellite-25	A cobalt-base alloy with good high-temperature properties Source—Haynes Stellite
Speed Star	Also an M-2 steel Source—Carpenter Steel Co.	Titanium carbide	Nickel cemented titanium carbide in various compositions as Kennatanium, by Kennametal Inc.
TK	Tungsten base—9%, hot work type. AISI-SAE Designation H21 Source—Carpenter Steel Co.	Tungsten carbide	Cobalt cemented tungsten carbide in various compositions Source—General Electric; Kennametal
Rene' 41	Also known as Alloy R-41 Vacuum melted, nickel base alloy with high strength in the 650—980° range Source—General Electric; Haynes Stellite	Tungsten	Special shapes made by Metallwerk Plansee, Tirol, Austria