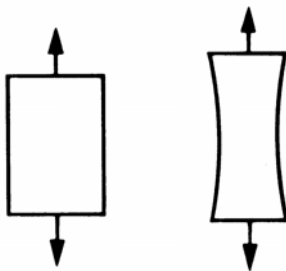
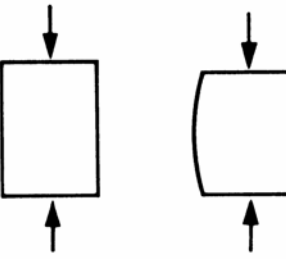
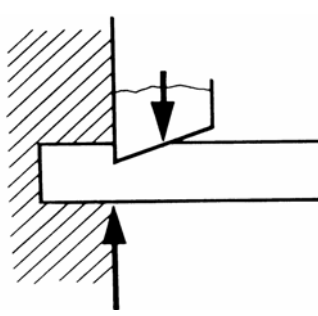


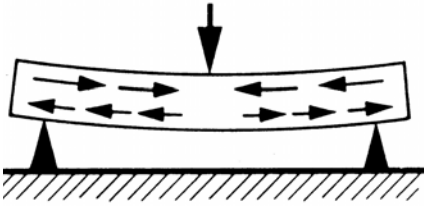
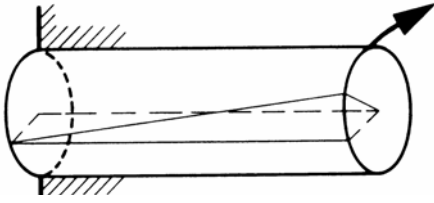
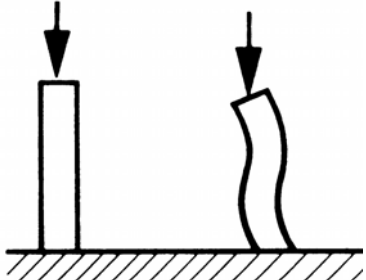
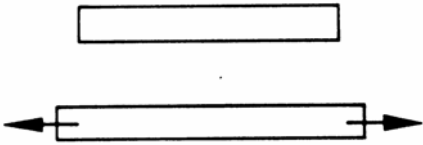
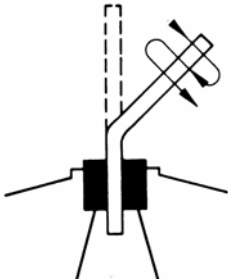
Eigenschaften von Werkstoffen

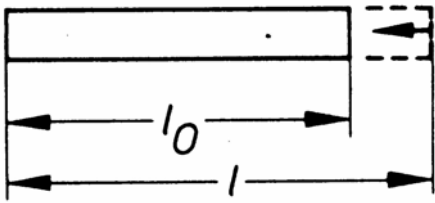
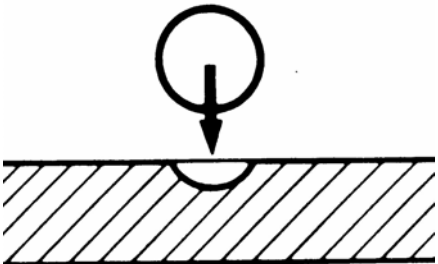
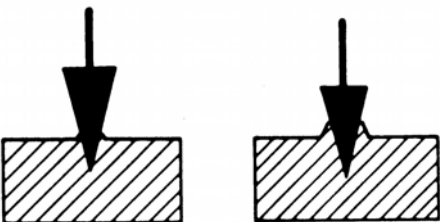
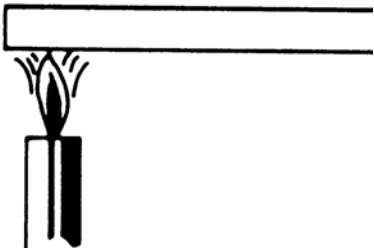
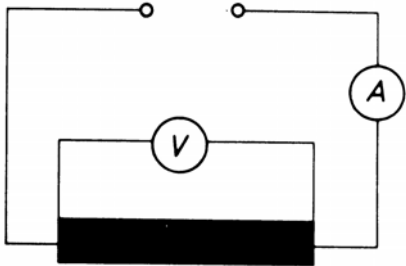
Begriffe zur Kennzeichnung der Werkstoffeigenschaften

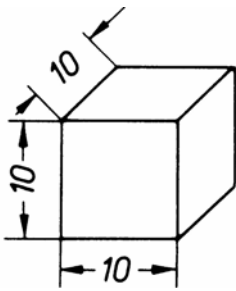
Physikalisch	Technologisch	Chemisch
Festigkeit Dehnbarkeit Zähigkeit Härte Temperaturverhalten Dichte Schmelzpunkt	Giessbarkeit Warmverformbarkeit Kaltverformbarkeit Schweissbarkeit Zerspanbarkeit Härtefähigkeit	Korrosionsbeständigkeit Hitzebeständigkeit

Physikalische Eigenschaften

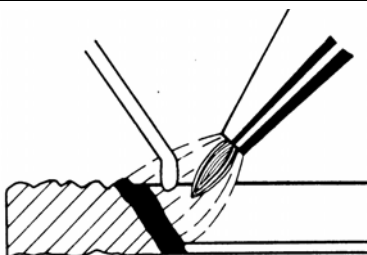
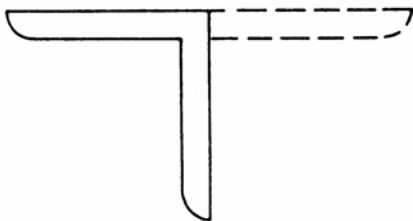
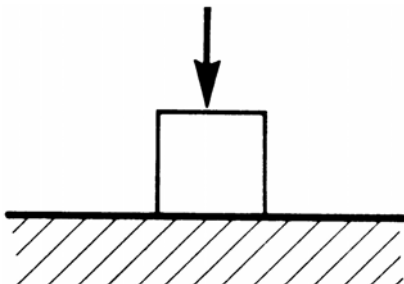
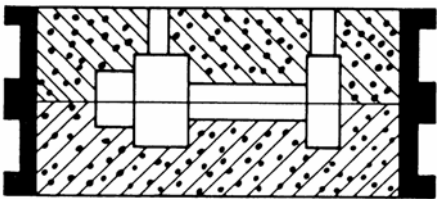
	
	
	

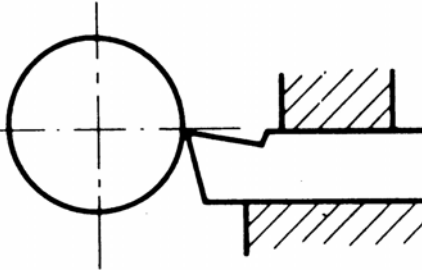
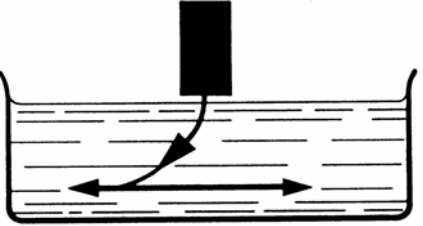
	
	
	
	
	

 <p>A schematic diagram of a cylindrical specimen. The original length is labeled l_0 and the total length after deformation is labeled l. Dashed lines indicate the original position of the end of the specimen.</p>	
 <p>A diagram showing a spherical indenter (represented by a circle with a downward arrow) pressing into a surface (represented by a hatched area). A semi-circular indentation is formed on the surface.</p>	
 <p>Two diagrams showing indenter tips (represented by triangles) pressing into a surface (represented by hatched areas). The left diagram shows a sharp tip, and the right diagram shows a blunter tip.</p>	
 <p>A diagram showing a horizontal specimen being heated from below by a flame. The flame is represented by wavy lines and a central vertical line.</p>	
 <p>A circuit diagram showing a battery (represented by a black rectangle) connected to a voltmeter (V) and an ammeter (A). The voltmeter is connected in parallel across the battery, and the ammeter is connected in series in the circuit.</p>	



Technologische Eigenschaften



Chemische Eigenschaften

Begriffe aus der Festigkeitslehre**Spannung**

Berechnungsformeln

Definition:

Sicherheitsfaktor:

Berechnungsformel

Definition

Dehnung:

Berechnungsformel

Definition

Elastizitätsmodul:

Berechnungsformel

Definition (inklusive Kraft-Verlängerungsdiagramm)