




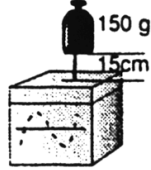
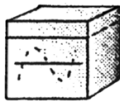

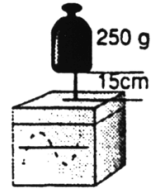
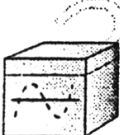

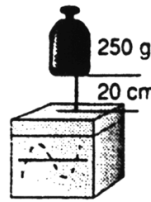
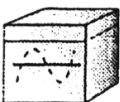

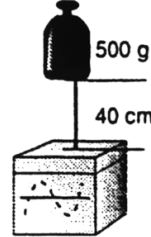
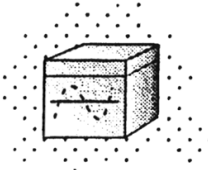
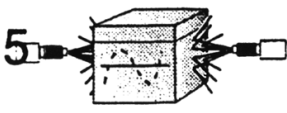
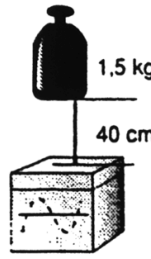
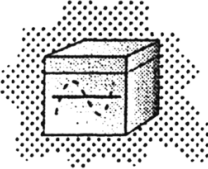
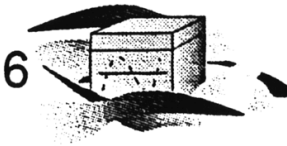
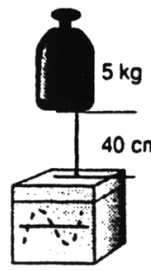
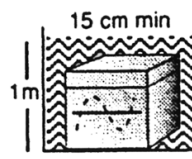



FIRST NUMBER Protection against solid objects		SECOND NUMBER Protection against liquids		THIRD NUMBER Protection against mechanical impacts	
IP	TEST	IP	TEST	IP	TEST
0	 no protection	0	 no protection	0	 no protection
1	 protected against solid objects up to 50 mm e.g. accidental touch by hands.	1	 protected against vertically falling drops of water.	1	 impact 0,225 joule
2	 protected against solid objects up to 12 mm e.g. fingers.	2	 protected against direct sprays of water up to 15° from the vertical.	2	 impact 0,375 joule
3	 protected against solid objects over 2,5 mm (tools+ small wires).	3	 protected against sprays to 60° from the vertical.	3	 impact 0,50 joule
4	 protected against solid objects over 1mm (tools+ small wires).	4	 protected against water sprayed from all directions - limited ingress permitted.	5	 impact 2,00 joule
5	 protected against dust - limited ingress permitted (no harmful deposit).	5	 protected against low pressure jets of water from all directions - limited ingress permitted.	6	 impact 6,00 joule
6	 totally protected against dust.	6	 protected against strong jets of water e.g. for use on shipdecks - limited ingress permitted.	7	 impact 20,000 joule
		7	 protected against the affects of immersion between 15 cm and 1 m.		
		8	 protected against long periods of immersion under pressure.		