













Rockwell and superficial rockwell	Table 6.5a Rockwell Hardness Scales		
	Scale Symbol	Indenter	Major Load (kg)
 No major sample damage 	А	Diamond	60
 Each scale runs to 130 but only 	В	h in. ball	100
	С	Diamond	150
useful in range 20-100.	D	Diamond	100
 Minor load 10 kg 	E	$\frac{1}{8}$ in. ball	100
8	F	$\frac{1}{16}$ in. ball	60
 Major load 60 (A), 100 (B) & 	G	16 in. ball	150
	H	$\frac{1}{8}$ in. ball	60
150 (C) kg	K	$\frac{1}{8}$ in. ball	150
ΘA = diamond, B = 1/16 in. ball C = diamond	Table 6.5b S	iuperficial Rockwe	ll Hardness Scale
- Examples:	Scale Symbol	Indenter	Major Load (kg)
Examples:	15N	Diamond	15
SURDE OUDSOW	30N	Diamond	30
80HRB,60 HR30W	45N	Diamond	45
	15T	📩 in. ball	15
□ 20 <hardness<100< td=""><td>30T</td><td>h in. ball</td><td>30</td></hardness<100<>	30T	h in. ball	30
	45T	1 in. ball	45
	15W	‡ in. ball	15
	30W	🗼 in. ball	30
	45W	1 in, ball	45















