



AT250N



AT250T



OMNITEST



HTD4000



HTD9000S



Umwertungstabelle auf Rockwell B un C Basis

● Kugel - Bille - Sfera - Ball

△ Kegel - Cône - Cono - Cone

▲ Pyramide - Piramide

Z Zugfestigkeit - Résistance à la traction - Resistenza alla trazione - Max. stress

VICKERS		Δ diam.		mod. D American Standard		per calandro - FOR ROLLS		ROCKWELL C		Δ Diam.		150 kg					
Nichteisen Met. - métaux non ferreux		metalli non ferrosi - NO IRON MET		500 kg		100 kg		ROCKWELL D		Δ Diam.		100 kg					
BRINELL D° 5		● 10 mm		5 mm		120 kg		ROCKWELL E		● 1/8"		60 kg					
ROCKWELL F		● 1/8"		150 kg		ROCKWELL K		● 1/4"		150 kg		ROCKWELL L		● 1/4"		150 kg	
ROCKWELL M		● 1/4"		150 kg		ROCKWELL N		● 1/2"		150 kg		ROCKWELL O		● 1/2"		150 kg	
ROCKWELL P		● 1/2"		150 kg		ROCKWELL Q		● 3/4"		150 kg		ROCKWELL R		● 3/4"		150 kg	
ROCKWELL S		● 3/4"		150 kg		ROCKWELL T		● 1"		150 kg		ROCKWELL U		● 1"		150 kg	
ROCKWELL V		● 1"		150 kg		ROCKWELL W		● 1 1/8"		150 kg		ROCKWELL X		● 1 1/8"		150 kg	
ROCKWELL Y		● 1 1/8"		150 kg		ROCKWELL Z		● 1 1/2"		150 kg		ROCKWELL AA		● 1 1/2"		150 kg	
ROCKWELL AB		● 1 1/2"		150 kg		ROCKWELL AC		● 1 3/4"		150 kg		ROCKWELL AD		● 1 3/4"		150 kg	
ROCKWELL AE		● 1 3/4"		150 kg		ROCKWELL AF		● 2"		150 kg		ROCKWELL AG		● 2"		150 kg	
ROCKWELL AH		● 2"		150 kg		ROCKWELL AI		● 2 1/8"		150 kg		ROCKWELL AJ		● 2 1/8"		150 kg	
ROCKWELL AK		● 2 1/8"		150 kg		ROCKWELL AL		● 2 1/4"		150 kg		ROCKWELL AM		● 2 1/4"		150 kg	
ROCKWELL AN		● 2 1/4"		150 kg		ROCKWELL AO		● 2 3/8"		150 kg		ROCKWELL AP		● 2 3/8"		150 kg	
ROCKWELL AQ		● 2 3/8"		150 kg		ROCKWELL AR		● 2 1/2"		150 kg		ROCKWELL AS		● 2 1/2"		150 kg	
ROCKWELL AT		● 2 1/2"		150 kg		ROCKWELL AU		● 2 5/8"		150 kg		ROCKWELL AV		● 2 5/8"		150 kg	
ROCKWELL AW		● 2 5/8"		150 kg		ROCKWELL AX		● 3"		150 kg		ROCKWELL AY		● 3"		150 kg	
ROCKWELL AZ		● 3"		150 kg		ROCKWELL BA		● 3 1/8"		150 kg		ROCKWELL BB		● 3 1/8"		150 kg	
ROCKWELL BB		● 3 1/8"		150 kg		ROCKWELL BC		● 3 1/4"		150 kg		ROCKWELL BD		● 3 1/4"		150 kg	
ROCKWELL BE		● 3 1/4"		150 kg		ROCKWELL BF		● 3 3/8"		150 kg		ROCKWELL BG		● 3 3/8"		150 kg	
ROCKWELL BH		● 3 3/8"		150 kg		ROCKWELL BI		● 3 1/2"		150 kg		ROCKWELL BJ		● 3 1/2"		150 kg	
ROCKWELL BK		● 3 1/2"		150 kg		ROCKWELL BL		● 3 5/8"		150 kg		ROCKWELL BM		● 3 5/8"		150 kg	
ROCKWELL BN		● 3 5/8"		150 kg		ROCKWELL BO		● 4"		150 kg		ROCKWELL BP		● 4"		150 kg	
ROCKWELL BQ		● 4"		150 kg		ROCKWELL BR		● 4 1/8"		150 kg		ROCKWELL BS		● 4 1/8"		150 kg	
ROCKWELL BT		● 4 1/8"		150 kg		ROCKWELL BU		● 4 1/4"		150 kg		ROCKWELL BV		● 4 1/4"		150 kg	
ROCKWELL BV		● 4 1/4"		150 kg		ROCKWELL BW		● 4 3/8"		150 kg		ROCKWELL BX		● 4 3/8"		150 kg	
ROCKWELL BX		● 4 3/8"		150 kg		ROCKWELL BY		● 4 1/2"		150 kg		ROCKWELL BZ		● 4 1/2"		150 kg	
ROCKWELL CA		● 4 1/2"		150 kg		ROCKWELL CB		● 4 5/8"		150 kg		ROCKWELL CC		● 4 5/8"		150 kg	
ROCKWELL CD		● 4 5/8"		150 kg		ROCKWELL CE		● 5"		150 kg		ROCKWELL CF		● 5"		150 kg	
ROCKWELL CH		● 5"		150 kg		ROCKWELL CI		● 5 1/8"		150 kg		ROCKWELL CJ		● 5 1/8"		150 kg	
ROCKWELL CK		● 5 1/8"		150 kg		ROCKWELL CL		● 5 1/4"		150 kg		ROCKWELL CM		● 5 1/4"		150 kg	
ROCKWELL CN		● 5 1/4"		150 kg		ROCKWELL CO		● 5 3/8"		150 kg		ROCKWELL CP		● 5 3/8"		150 kg	
ROCKWELL CQ		● 5 3/8"		150 kg		ROCKWELL CR		● 5 1/2"		150 kg		ROCKWELL CS		● 5 1/2"		150 kg	
ROCKWELL CT		● 5 1/2"		150 kg		ROCKWELL CU		● 5 5/8"		150 kg		ROCKWELL CV		● 5 5/8"		150 kg	
ROCKWELL CV		● 5 5/8"		150 kg		ROCKWELL CW		● 6"		150 kg		ROCKWELL CX		● 6"		150 kg	
ROCKWELL CX		● 6"		150 kg		ROCKWELL CY		● 6 1/8"		150 kg		ROCKWELL CZ		● 6 1/8"		150 kg	
ROCKWELL DA		● 6 1/8"		150 kg		ROCKWELL DB		● 6 1/4"		150 kg		ROCKWELL DC		● 6 1/4"		150 kg	
ROCKWELL DB		● 6 1/4"		150 kg		ROCKWELL DD		● 6 3/8"		150 kg		ROCKWELL DE		● 6 3/8"		150 kg	
ROCKWELL DE		● 6 3/8"		150 kg		ROCKWELL DF		● 6 1/2"		150 kg		ROCKWELL DG		● 6 1/2"		150 kg	
ROCKWELL DF		● 6 1/2"		150 kg		ROCKWELL DH		● 6 5/8"		150 kg		ROCKWELL DI		● 6 5/8"		150 kg	
ROCKWELL DH		● 6 5/8"		150 kg		ROCKWELL DJ		● 7"		150 kg		ROCKWELL DK		● 7"		150 kg	
ROCKWELL DJ		● 7"		150 kg		ROCKWELL DL		● 7 1/8"		150 kg		ROCKWELL DM		● 7 1/8"		150 kg	
ROCKWELL DL		● 7 1/8"		150 kg		ROCKWELL DN		● 7 1/4"		150 kg		ROCKWELL DO		● 7 1/4"		150 kg	
ROCKWELL DN		● 7 1/4"		150 kg		ROCKWELL DP		● 7 3/8"		150 kg		ROCKWELL DQ		● 7 3/8"		150 kg	
ROCKWELL DQ		● 7 3/8"		150 kg		ROCKWELL DR		● 7 1/2"		150 kg		ROCKWELL DS		● 7 1/2"		150 kg	
ROCKWELL DR		● 7 1/2"		150 kg		ROCKWELL DU		● 7 5/8"		150 kg		ROCKWELL DV		● 7 5/8"		150 kg	
ROCKWELL DU		● 7 5/8"		150 kg		ROCKWELL DV		● 8"		150 kg		ROCKWELL DW		● 8"		150 kg	
ROCKWELL DV		● 8"		150 kg		ROCKWELL DX		● 8 1/8"		150 kg		ROCKWELL DY		● 8 1/8"		150 kg	
ROCKWELL DX		● 8 1/8"		150 kg		ROCKWELL DY		● 8 1/4"		150 kg		ROCKWELL DZ		● 8 1/4"		150 kg	
ROCKWELL DZ		● 8 1/4"		150 kg		ROCKWELL EA		● 8 3/8"		150 kg		ROCKWELL EB		● 8 3/8"		150 kg	
ROCKWELL EA		● 8 3/8"		150 kg		ROCKWELL EB		● 8 1/2"		150 kg		ROCKWELL EC		● 8 1/2"		150 kg	
ROCKWELL EB		● 8 1/2"		150 kg		ROCKWELL EC		● 8 5/8"		150 kg		ROCKWELL ED		● 8 5/8"		150 kg	
ROCKWELL EC		● 8 5/8"		150 kg		ROCKWELL ED		● 9"		150 kg		ROCKWELL EE		● 9"		150 kg	
ROCKWELL ED		● 9"		150 kg		ROCKWELL EE		● 9 1/8"		150 kg		ROCKWELL EF		● 9 1/8"		150 kg	
ROCKWELL EF		● 9 1/8"		150 kg		ROCKWELL EF		● 9 1/4"		150 kg		ROCKWELL EG		● 9 1/4"		150 kg	
ROCKWELL EF		● 9 1/4"		150 kg		ROCKWELL EG		● 9 3/8"		150 kg		ROCKWELL EH		● 9 3/8"		150 kg	
ROCKWELL EG		● 9 3/8"		150 kg		ROCKWELL EH		● 9 1/2"		150 kg		ROCKWELL EI		● 9 1/2"		150 kg	
ROCKWELL EH		● 9 1/2"		150 kg		ROCKWELL EI		● 9 5/8"		150 kg		ROCKWELL EJ		● 9 5/8"		150 kg	
ROCKWELL EI		● 9 5/8"		150 kg		ROCKWELL EJ		● 10"		150 kg		ROCKWELL EK		● 10"		150 kg	
ROCKWELL EJ		● 10"		150 kg		ROCKWELL EK		● 10 1/8"		150 kg		ROCKWELL EL		● 10 1/8"		150 kg	
ROCKWELL EK		● 10 1/8"		150 kg		ROCKWELL EL		● 10 1/4"		150 kg		ROCKWELL EM		● 10 1/4"		150 kg	
ROCKWELL EL		● 10 1/4"		150 kg		ROCKWELL EM		● 10 3/8"		150 kg		ROCKWELL EN		● 10 3/8"		150 kg	
ROCKWELL EN		● 10 3/8"		150 kg		ROCKWELL EN		● 10 1/2"		150 kg		ROCKWELL EO		● 10 1/2"		150 kg	
ROCKWELL EN		● 10 1/2"		150 kg		ROCKWELL EO		● 10 5/8"		150 kg		ROCKWELL EP		● 10 5/8"		150 kg	
ROCKWELL EO		● 10 5/8"		150 kg		ROCKWELL EP		● 11"		150 kg		ROCKWELL EQ		● 11"		150 kg	
ROCKWELL EQ		● 11"		150 kg		ROCKWELL EQ		● 11 1/8"		150 kg		ROCKWELL ER		● 11 1/8"		150 kg	
ROCKWELL EQ		● 11 1/8"		150 kg		ROCKWELL ER		● 11 1/4"		150 kg		ROCKWELL ES		● 11 1/4"		150 kg	
ROCKWELL ER		● 11 1/4"		150 kg		ROCKWELL ES		● 11 3/8"		150 kg		ROCKWELL ET		● 11 3/8"		150 kg	
ROCKWELL ER		● 11 3/8"		150 kg		ROCKWELL ET		● 11 1/2"		150 kg		ROCKWELL EU		● 11 1/2"		150 kg	
ROCKWELL ER		● 11 1/2"		150 kg		ROCKWELL EU		● 11 5/8"		150 kg		ROCKWELL EV		● 11 5/8"		150 kg	
ROCKWELL ER		● 11 5/8"		150 kg		ROCKWELL EV		● 12"		150 kg		ROCKWELL EW		● 12"		150 kg	
ROCKWELL ER		● 12"		150 kg		ROCKWELL EW		● 12 1/8"		150 kg		ROCKWELL EX		● 12 1/8"		150 kg	
ROCKWELL ER		● 12 1/8"		150 kg		ROCKWELL EX		● 12 1/4"		150 kg		ROCKWELL EY		● 12 1/4"		150 kg	
ROCKWELL ER		● 12 1/4"		150 kg		ROCKWELL EY		● 12 3/8"		150 kg		ROCKWELL EZ		● 12 3/8"		150 kg	
ROCKWELL ER		● 12 3/8"		150 kg		ROCKWELL EZ		● 12 1/2"		150 kg		ROCKWELL FA		● 12 1/2"		150 kg	
ROCKWELL ER		● 12 1/2"		150 kg		ROCKWELL FA		● 12 5/8"		150 kg		ROCKWELL FB		● 12 5/8"		150 kg	
ROCKWELL ER		● 12 5/8"		150 kg		ROCKWELL FB		● 13"		150 kg		ROCKWELL FC		● 13"		150 kg	
ROCKWELL ER		● 13"		150 kg		ROCKWELL FC		● 13 1/8"		150 kg		ROCKWELL FD		● 13 1/8"		150 kg	
ROCKWELL ER		● 13 1/8"		150 kg		ROCKWELL FD		● 13 1/4"		150 kg		ROCKWELL FE		● 13 1/4"		150 kg	
ROCKWELL ER		● 13 1/4"		150 kg		ROCKWELL FE		● 13 3/8"		150 kg		ROCKWELL FF		● 13 3/8"		150 kg	
ROCKWELL ER		● 13 3/8"		150 kg		ROCKWELL FF		● 13 1/2"		150 kg		ROCKWELL FG		● 13 1/2"		150 kg	
ROCKWELL ER		● 13 1/2"		150 kg		ROCKWELL FG		● 13 5/8"		150 kg		ROCKWELL FH		● 13 5/8"		150 kg	
ROCKWELL ER		● 13 5/8"		150 kg		ROCKWELL FH		● 14"		150 kg		ROCKWELL FI		● 14"		150 kg	
ROCKWELL ER		● 14"		150 kg		ROCKWELL FI		● 14 1/8"		150 kg		ROCKWELL FJ		● 14 1/8"		150 kg	
ROCKWELL ER		● 14 1/8"		150 kg		ROCKWELL FJ		● 14 1/4"		150 kg		ROCKWELL FK		● 14 1/4"		150 kg	
ROCKWELL ER		● 14 1/4"		150 kg		ROCKWELL FK		● 14 3/8"		150 kg		ROCKWELL FL		● 14 3/8"		150 kg	
ROCKWELL ER		● 14 3/8"		150 kg		ROCKWELL FL		● 14 1/2"		150 kg		ROCKWELL FM		● 14 1/2"		150 kg	
ROCKWELL ER		● 14 1/2"		150 kg		ROCKWELL FM		● 14 5/8"		150 kg		ROCKWELL FN		● 14 5/8"		150 kg	
ROCKWELL ER		● 14 5/8"		150 kg		ROCKWELL FN		● 15"		150 kg		ROCKWELL FO		● 15"		150 kg	
ROCKWELL ER		● 15"		150 kg		ROCKWELL FO		● 15 1/8"		150 kg		ROCKWELL FP		● 15 1/8"		150 kg	
ROCKWELL ER		● 15 1/8"		150 kg		ROCKWELL FP		● 15 1/4"		150 kg		ROCKWELL FQ		● 15 1/4"		150 kg	
ROCKWELL ER		● 15 1/4"		150 kg		ROCKWELL FQ		● 15 3/8"		150 kg		ROCKWELL FR		● 15 3/8"		150 kg	
ROCKWELL ER		● 15 3/8"		150 kg		ROCKWELL FR		● 15 1/2"		150 kg		ROCKWELL FS		● 15 1/2"		150 kg	
ROCKWELL ER		● 15 1/2"		150 kg		ROCKWELL FS		● 15 5/8"		150 kg		ROCKWELL FT		● 15 5/8"		150 kg	
ROCKWELL ER		● 15 5/8"		150 kg		ROCKWELL FT		● 16"		150 kg		ROCKWELL FU		● 16"		150 kg	
ROCKWELL ER		● 16"		150 kg		ROCKWELL FU		● 16 1/8"		150 kg		ROCKWELL FV		● 16 1/8"		150 kg	
ROCKWELL ER		● 16 1/8"		150 kg		ROCKWELL FV		● 16 1/4"		150 kg		ROCKWELL FW		● 16 1/4"		150 kg	
ROCKWELL ER		● 16 1/4"		150 kg		ROCKWELL FW		● 16 3/8"		150 kg		ROCKWELL FX		● 16 3/8"		150 kg	
ROCKWELL ER		● 16 3/8"		150 kg		ROCKWELL FX		● 16 1/2"		150 kg		ROCKWELL FY		● 16 1/2"		150 kg	
ROCKWELL ER		● 16 1/2"		150 kg		ROCKWELL FY		● 16 5/8"		150 kg		ROCKWELL FZ		● 16 5/8"		150 kg	
ROCKWELL ER		● 16 5/8"		150 kg		ROCKWELL FZ		● 17"		150 kg		ROCKWELL GA		● 17"		150 kg	
ROCKWELL ER		● 1															

Table de conversion sur la base de Rockwell B et C

Tabella di conversione in base a Rockwell B e C

Conversion table on the basis of Rockwell B and C



ERNST HÄRTEPRÜFER SA



ROCKWELL						
P kg	20	30	40	50	60	70
15	0.41	0.33	0.26	0.19	0.14	0.09
30	0.69	0.58	0.47	0.36	0.26	0.17
45	0.91	0.77	0.63	0.50	0.37	0.25
60	1.0	0.9	0.8	0.7	0.6	0.5
150	1.8	1.6	1.4	1.2	1.0	0.8
ernst computest	0.38	0.32	0.26	0.20	0.14	0.08

VICKERS									
P kg	20	50	100	200	300	400	600	800	1000
0.200	0.19	0.12	0.09	0.06	0.05	0.04	0.04	0.03	0.03
1	0.43	0.28	0.19	0.14	0.12	0.10	0.09	0.07	0.06
2	0.62	0.39	0.28	0.19	0.16	0.14	0.12	0.10	0.09
5	1.0	0.62	0.44	0.31	0.25	0.22	0.18	0.15	0.14
10	1.4	0.87	0.62	0.43	0.36	0.31	0.25	0.22	0.19
ernst computest	Skala 200-1000		0.37	0.32	0.26	0.17	0.12	0.08	

BRINELL									
mm	P kg	40	60	80	100	150	200	300	400
2.5	187.5	HB/30			2.40	1.60	1.20	0.80	0.60
5	125	2.0	1.3	1.0	0.80	0.53			HB/5
10	1000	8.0	5.3	4.0	3.2	2.1	1.6		HB/10
10	3000	HB/30			9.6	6.3	4.8	3.2	2.4
ernst computest	Skala 80-500		0.63	0.53	0.42	0.32	0.22	0.16	0.10
			0.53	0.42	0.32	0.27	0.15	0.10	Skala 40-200

MTR X-SERIES

