

Materials	Hareness System	Impact Device	
		D	DL
Steel and cast steel	HRC	17.9~68.5	20.6~68.2
	HRB	59.6~99.6	37.0~99.9
	HRA	59.1~85.8	
	HB	127~651	81~646
	HV	83~976	80~950
	HS	32.2~99.5	30.6~96.8
Steel	HB	143~650	
CTT、ST	HRC	20.4~67.1	
	HV	80~898	
Stainless steel	HRB	46.5~101.7	
	HB	85~655	
	HV	85~802	
GC. IRON	HRC		
	HB	93~334	
	HV		
NC、IRON	HRC		
	HB	131~ 387	
	HV		
C. ALUM	HB	19~164	
	HRB	23.8~84.6	
BRASS	HB	40~173	
	HRB	13.5~95.3	
BRONZE	HB	60~290	
COPPER	HB	45~315	