

Vickers Hardness (HV/DPH) / Brown & Sharpe #'s Hard / Temper Scale

HV	14KY#4 (non-heat-treatable)	14KY #112 (heat treatable)	14KW #85	HV	1/20 14K GF		HV	AG925												
	B&S (#'s Hard)	B&S (#'s Hard)	B&S (#'s Hard)		Temper	B&S (#'s Hard)		HV	Temper	B&S (#'s Hard)	Cold work									
											Wire	Strip								
50	Dead Soft	Dead Soft	Dead Soft	50	Annealed	0	50													
77				77			77													
80				80			80					Soft	0	0	0					
90				90			90													
91				Soft	Dead Soft	Dead Soft	91	1/4	1#	91	1/4	1#	20.7%	11.0%						
100							100	100	100											
101							101	101	1/2	2#					101					
107							107	107												
110							#1 Hard	Dead Soft	Dead Soft	110	3/4	3#	110	1/2	2#	37.1%	20.7%			
115										115			115					115		
116										116			116					116		
119										119			119							
122										#2 Hard	Dead Soft	Dead Soft	122	Full	4#	122	3/4	3#	50.1%	29.4%
124													124			124				
125	125	125	125																	
130	130	130																		
131	#3 Hard	Dead Soft	Dead Soft										131	Full	4#	131	Full	4#	60.5%	37.1%
137													137			137				
139				139	139	139														
140				140	140	140														
146				#4 Hard	Dead Soft	Dead Soft							146	Full	4#	146	Spring	8#	84.4%	60.5%
147													147			147				
150							150	150	150											
151							151	151	151											
152							#5 Hard	Dead Soft	Dead Soft				152	Full	4#	152	Spring	8#	84.4%	60.5%
158													158			158				
159										159	159	159								
160										160	160	160								
161										#6 Hard	Dead Soft	Dead Soft	161	Full	4#	161	Spring	8#	84.4%	60.5%
164													164			164				
165	165	165	165																	
167	167	167	167																	
169	#7 Hard	Dead Soft	Dead Soft										169	Full	4#	169	Spring	8#	84.4%	60.5%
170													170			170				
173				173	173	173														
175				175	175	175														
179				#8 Hard	Dead Soft	Dead Soft							179	Full	4#	179	Spring	8#	84.4%	60.5%
180													180			180				
189							189	189	189											
190							190	190	190											
195							#9 Hard	Dead Soft	Dead Soft				195	Full	4#	195	Spring	8#	84.4%	60.5%
196													196			196				
199										199	199	199								
200										200	200	200								
209										#10 Hard	Dead Soft	Dead Soft	209	Full	4#	209	Spring	8#	84.4%	60.5%
210													210			210				
220	220	220	220																	
221	221	221	221																	
229	#11 Hard	Dead Soft	Dead Soft										229	Full	4#	229	Spring	8#	84.4%	60.5%
230													230			230				
239				239	239	239														
240				240	240	240														
250				#12 Hard	Dead Soft	Dead Soft							250	Full	4#	250	Spring	8#	84.4%	60.5%
260													260			260				