

JIS B 4054:2020 Grades Classification method

1st digit of Classification symbol

Mark	Binder phase
V	Co
R	Co-Ni
N	Ni

2nd digit of Classification symbol

Mark	WC grain size (μm)
F	less than 1.0
M	1.0 or more and less than 2.5
C	2.5 or more and less than 5.0
U	more than 5.0

4th and 5th digit of Classification symbol

Mark	Hardness (HRA)
10	93 or more
20	92 or more and less than 93
30	91 or more and less than 92
40	89 or more and less than 91
50	87 or more and less than 89
60	85 or more and less than 87
70	82 or more and less than 85
80	less than 82