

Material Grade	Density g/cm3	Hardness (HRA)	T.R.S. (MPa)	Comp.S. (Mpa)	Application
RSF05	14.4	93	2,750	6,300	Powder Molding, Drawing Tool for Light Impact, Wire Drawing Die, Nozzle, etc.
RSF20	14.1	92	3,340	6,170	Powder Molding, Drawing Tool, Punching Tool for Light Impact, Core, Nozzle, Wire Drawing Die, etc.
RSF25	13.8	91	3,630	5,350	Tie Bar Cut, Cutting Tool, Punch, Wire Drawing Die, Nozzle, Plug, Drawing Tool, Blade Chip, Cutting Tool, Powder Molding, Core, etc.
RSF30	13.6	90.5	3,920	5,100	
RSF-X	13	87.7	4,020	4,160	

RSF type (Corrosion Resistant Super Fine Grain Tungsten Carbide)

Alloys featuring in that the binder phase of the SF type is reinforced so that excellent characteristics of the SF type are further improved. Since the Co binder phase that may cause corrosion is reinforced, electrolytic corrosion due to wire cut and corrosion after polishing are prevented.