

Material	JCPDS or ICDD	ICSD	COD ID	Materials Project ID	Crystal system	Space Group	Phase Group	Phase
Cobalt	00-005-0727							Co
Cobalt	00-015-0806, 1-089-7093		9011619				M	α -Co
Cobalt	01-089-7094, 01-071-4239		9011617				M	ϵ -Co
Tungsten	00-001-1204						M	W
Chromium carbide	36-1482, 01-089-7244		1009019	mp-1196316	Hexagonal	P6 ₃ mc	M7C3	Cr7C3
Chromium carbide	71-0552, 03-065-3132		2107332	mp-723	Cubic	Fm $\bar{3}$ m	M23C6	Cr23C6
Chromium carbide	03-065-0897		9009906	?mp-20937			M3C2	Cr3C2
Tungsten carbide	27-1125, 00-023-0939, 00-027-1125, 01-078-4940	166747		mp-1192636	Cubic	Fd $\bar{3}$ m	M6C	Co3W3C
Tungsten carbide				mp-640163	Cubic	Fd $\bar{3}$ m	M6C	Co2W4C
Tungsten carbide							M6C	Co4W2C
Tungsten carbide								Co2W6C2
Tungsten carbide	00-006-0616 16-5459, 01-078-3752, 00-023-0939	16888	1528857	mp-1226205	Hexagonal	P6 ₃ /mmc	M12C	Co3W9C4
Tungsten carbide		165459	1533704				M12C	Co6W6C
Tungsten carbide				mp-1199098	Hexagonal	P6 ₃ /mmc		Co3W10C4
Tungsten carbide	00-03-1096						MC	WC
Tungsten carbide	03-065-4539		2102265	mp-1894	hexagonal		MC	WC
Tungsten carbide	03-065-4539			mp-1008635	cubic		MC	WC
Tungsten carbide	00-002-1134		1539792	mp-1008625	trigonal		M2C	W2C
Molybdenum Carbide			1523320	mp-2305	hexagonal		MC	γ -MoC
Molybdenum Carbide			1539154	mp-567925	hexagonal		MC	γ' -MoC
Molybdenum Carbide				mp-1552	orthorhombic		M2C	Mo2C
Cobalt-tungsten intermetallic			1524836	mp-2157	hexagonal			Co3W
Cobalt-tungsten intermetallic	00-002-1091		1524837					Co7W6
Cobalt carbide			1528415	mp-22488	orthorhombic			Co2C
Cobalt carbide				mp-2157	hexagonal			Co3C
Tungsten oxide	01-083-0948		1521534					α W03
Tungsten oxide	00-043-1035							β W03
Tungsten oxide	00-032-1394							γ W03
Tungsten oxide	00-015-0867		1573867	mp-19092	monoclinic			CoW04
Tungsten oxide			9014038	mp-1178760 mp-1178754				W207
Tungsten oxide			1527783	mp-705284	tetragonal			W5014
Cobalt oxide	78-0431		1541662	mp-22408	cubic			CoO
Cobalt oxide	78-1969		5910031	mp-18748	cubic			Co304