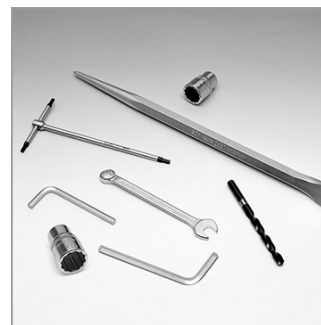


STEEL GRADE FOR TOOLS

ORI Martin produces special tool steels which are highly homogenous both in chemical composition and micro cleanliness, which enables the final customer to achieve a consistent and reliable tool performance.



Steel grade

Steel grade	Corresponding standard			Average chemical composition							
		Werkstoff	ORI Martin	C	Mn	Si	Cr	Ni	Mo	S	V
Cr	102Cr6	1.2067	K99C62	1,00	0,30	0,20	1,40	-	-	-	-
	125Cr2	1.2002	K125C2L	1,25	0,30	0,25	0,50	-	-	-	-
Cr V	38CrV3	/	B38X3	0,36	0,60	0,30	0,80	-	-	-	0,15
	51CrV4	1.2241	B50X4	0,50	0,90	0,25	1,00	-	-	-	0,15
	59CrV4	1.2242	B59X4	0,58	0,90	0,25	1,00	-	-	-	0,15
	115-130CrV3	1.2210	K115X	1,15	0,30	0,20	0,60	-	-	-	0,10
SiMo	55SiMo8	/	D55SM1	0,55	0,90	1,85	-	-	0,40	0,02	0,20
MoV	73MoV5	1.2381	B73DV1	0,74	0,50	1,15	-	-	0,55	-	0,20
Si Cr V	45SiCrV6	1.2249	D45F6	0,45	0,60	1,50	1,40	-	-	-	0,10
CrNiMo	34CrNiMo6	1.6582	B34H61	0,34	0,70	-	1,50	1,50	0,23	-	-
CrMoV	45CrMoV7	1.2328		0,45	0,90	-	1,80	-	0,27	-	0,05
	60CrMoV4	/	B60K41	0,63	0,90	0,25	1,05	-	0,20	-	0,15