

## TOOL STEELS FOR VACUUM HARDENING

HOT WORK TOOL STEELS				
BÖHLER	W.Nr.	DIN	MAX HARDNESS* [HRC]	DIMENSIONS
W300	1.2343	X38CrMoV5 1	54	all
W302	1.2344	X40CrMoV5 1	54	"
W303	1.2367	X40CrMoV5 3	55	"
W320	1.2365	X32CrMoV3 3	48	"
W321	1.2885	X32CrMoCoV333	53	"
W403 VMR	1.2367	X38NiCrMoV5 3	56	"
W500	1.2714	56NiCrMoV7	56	"
W720	1.2779	X2NiCoMo18 9 5	54	"

COLD WORK TOOL STEELS				
BÖHLER	W.Nr.	DIN	MAX HARDNESS* [HRC]	DIMENSIONS
K107	1.2436	X210CrW12	64	Ø 100 mm
K110	1.2379	X155CrVMo12 1	64	all
K190 Microclean	1.2380	X220CrVMo13 4	65	"
K305	1.2363	X100CrMoV5 1	63	"
K306	1.2345	X50CrVMo5 1	59	"
K329	--	--	62	"
K340	--	--	62	"
K360 Isodur	--	--	64	"
K455	1.2550	60WCrV7	59	up to Ø 40 mm
K460	1.2510	100MnCrW4	60	up to Ø 20 mm
K600	1.2767	X45NiCrMo4	56	all
K605	1.2721	50NiCr13	57	"

PLASTIC MOULD STEELS				
BÖHLER	W.Nr.	DIN	MAX HARDNESS* [HRC]	DIMENSIONS
M310	1.2083	X42Cr13	54	all
M340	--	--	55	"
M333	--	--	54	"
M390 Microclean	--	--	64	"

\* Max hardness means hardness after quenching.

Additionally, we can heat-treat all high speed steel grades to 65 HRC, all PM-steel grades and stainless steel grades starting from BÖHLER N320.