

# The right material at the right place.

Material code	Material type	Through-hard	PM-HIP	Nitrided	High ductility	Notch impact energy	Kerbschlagarbeit	Used for:	
								Segments	Barrels / Liners
maXX-ion50+N	nitrided steel			yes	950 HV1	yes	>35 J	yes	
maXX-ion19+N	nitrided steel			yes	>700 HV1	yes	>35 J		yes
maXX-ion 18+N	nitrided special steel			yes	850 HV0,5	yes	>80 J	yes	
maXX-corr22	stainless chrome steel	yes			46-48 HRC	yes	>14 J	yes	
maXX-star12	stainless chrome steel	yes			53-55 HRC			yes	yes
maXX-star39	stainless chrome-vanadium steel	yes	yes		58-60 HRC			yes	
maXX-star26	stainless chrome-vanadium steel	yes	yes		60-62 HRC			yes	yes
maXX-wear79	chrome-toolsteel	yes			56-58 HRC			yes	yes
maXX-wear10	vanadium-toolsteel	yes	yes		58-60 HRC			yes	
maXX-ductile08	special toolsteel	yes			55-57 HRC	yes	...	yes	
maXX-treme	special toolsteel (natural hardness)	yes	yes		62 HRC				yes
maXX-clad	hardfacing / crest welding				46-52 HRC	yes	>40 J	yes	yes