

MATERIAL	FEATURES	APLICATIONS
1.1730	Unalloyed tool steel good machinability.	Die, mold and tool making.
1.2083 NEW	Steel for through hardening low corrosion, high-alloy max. 240 HB (\approx max. 800 N/mm ²).	Cavity plates and inserts for the processing of plastics, mainly for the processing of corrosive plastics.
1.2085	Corrosion resistant steel for molds with high sulfur content. Very good machinability properties.	Mold holders and mold accessories used in plastic injection tools.
1.2311	Hardened and tempered mold steel.	Mold plates and inserts for plastics injection. Good polishing properties, good EDM properties.
1.2312	Hardened and tempered mold steel.	Conditionally suitable for core parts for pressing and injection dies without special surface requirements and low mechanical stress. Mould fittings, mould frames subject low stress. Not recommended because of poor toughness.
1.2344	Hot working steel.	Extruder tools including pipe extruders. Plastics and die casting molds.
1.2379 NEW	Steel for through hardening wear-resistant, high-alloy cold-work steel . max. 255 HB (\approx max. 860 N/mm ²)	Cavity plates and inserts as well as wear plates and cutting dies with increased wear resistance.
1.2714 HH NEW	55 NiCrMoV 7 /Steel for through hardening hardened and tempered; good high-temperature resistance and toughness. 38 -43 HRC (\approx 1300 - 1450 N/mm ²)	Mould inserts, cores and slides for injection moulds.
1.2738 SHH NEW	Steel for plastic moulds bonified, hardened and tempered; good polishability and excellent grainability; high thermal conductivity and wear resistance. 38 - 42 HRC (\approx 1200 - 1300 N/mm ²)	Cavity plates without dimension restrictions, with deep cavities and high core load.
1.2510 NEW	100MnCrW4 / Cold work steel, for through hardening. High dimensional stability and toughness. Working hardness 57-62 HRC max 230 HB	Cavity plates and inserts as well as wear plates and cutting dies through hardened.