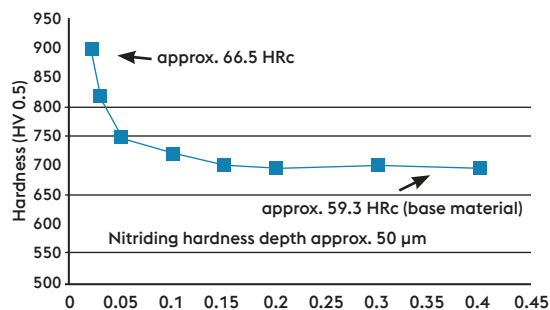


DUPLEX TREATMENT

The combination of a thermochemical process followed by deposition of an eifeler PVD coating is what we call "Duplex treatment".



Nitriding hardness, sample PN809, 1.2379

PRODUCT FEATURES

- » A higher supportive effect for the hard coating, e.g. 1.2379 with 900 – 1200 HV under the hard coating. High-gloss polished finishes are preserved.
- » The ability to withstand pressure loads is significantly increased. This is particularly an advantage when working high-strength sheet metals, for example.
- » Due to a coating temperature of under 500 °C, the tools retain their high dimensional accuracy.

APPLICATIONS

Forming	Tools are an application emphasis for which this procedure is now selected regularly and successfully for the forming of high-strength sheet metal materials. Duplex VARIANTIC and DUMATIC are typical examples.
----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DUPLEX – COMBINATIONS

- Duplex VARIANTIC
- Duplex CrCN
- Duplex TOPMATIC
- Duplex CROSAL®
- DUMATIC

