



Die Casting



Shot Sleeve

Shot sleeve - MULTIX

MULTIX is an improved quality shot sleeve with novel Passive Thermal Regulation system. The result is improved temperature homogeneity in sleeve cross-section preventing excessive ovalization of the bore hole, axial bending of the sleeve, and excessive temperatures in the pour zone. This is especially helpful in long shot sleeves for high volume production.

MULTIX shot sleeves are only available on demand.

Technical characteristics

MULTIX with Passive Thermal Regulation system improves temperature homogeneity over the sleeve circumference. Main benefits are:

- significant reduction of axial sleeve bending
- prevented excessive ovalization of the bore hole
- reduced temperatures in the surface beneath the pour zone, thus improving resistance to erosion and washing failure.
- MULTIX comes without cooling channels



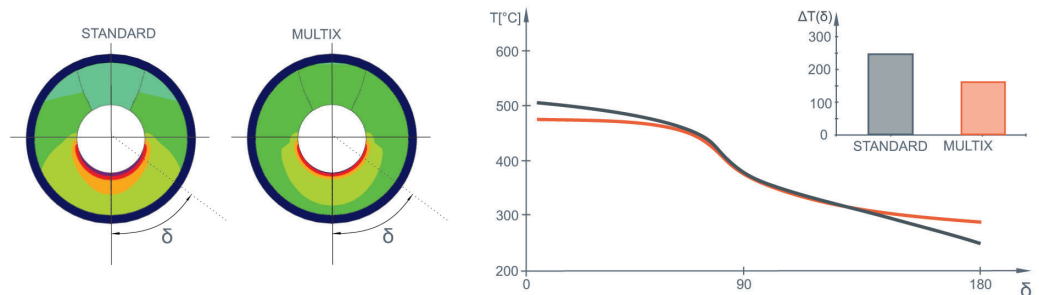
Recommended application

- extreme exposure to thermal fatigue loading
- long shot sleeves in high volume production. It also assures prolonged in-service life of casting pistons
- reduces costs of production downtime and maintenance, thus assuring good price to performance ratio

MULTIX solves important technical shot sleeve problems.

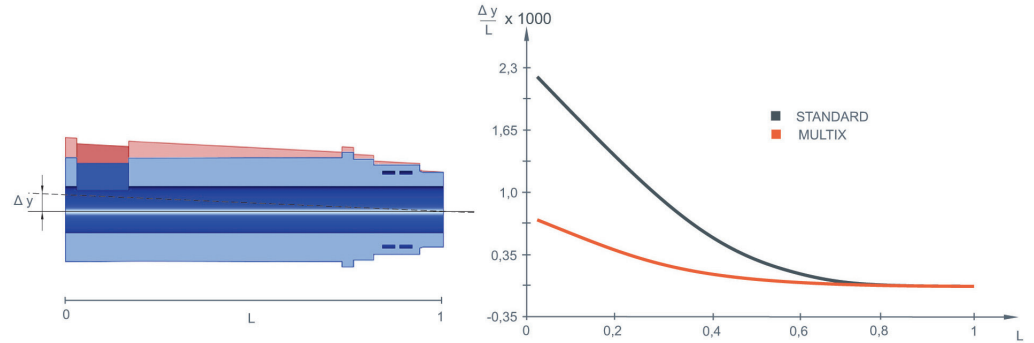
Improved temperature homogeneity over the sleeve circumference and reduced temperatures in the surface beneath the pour zone-results in:

(a) improved resistance to erosion and washing failure



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(b) significant reduction of axial sleeve bending, and



(c) prevented excessive ovalization of the bore hole

