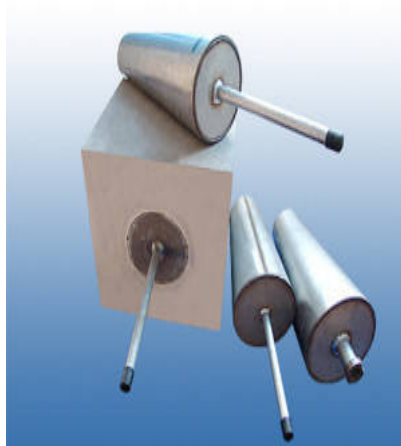


Ladle Purging Plugs



HST series of purging plugs

Made from high-purity, high-density, high-strength corundum based materials and matrix-adjusted system(MAS), HST series of purging plugs, with the unique radiated through-slots structure, show the features of stable structure, high and adjustable gas-flow, high purging rate, good corrosion/erosion resistance and long service life etc.

HS 'Ceram' series of purging plugs

Made from high-technology ceramic and high-performance castables and with the traditional through-slots as gas channel, HS 'Ceram' series of purging plugs, as new generation of ceramic-clad purging plugs, not only succeed the advantages of HS series of purging plugs, but also show higher purging rate as result of adopting high-temperature ceramic as gas channel.

Typical product characteristics tables :

HST series of purging plugs				
Item	HST-1	HST-2	HST-3	HST-4
Al ₂ O ₃ + Cr ₂ O ₃ % Min.	94	93	92	
Al ₂ O ₃ + Cr ₂ O ₃ % Min.				92
Bulk Density g/cm ³ 1500□x3h Min.	3.00	3.10	3.20	3.10
Cold Crushing Strength MPa 1500□x3h Min.	80	80	100	80
Modulus of rupture MPa 1500□x3h Min.	12	15	20	18

HS 'Ceram' series of purging plugs			
	HSC-1	HSC-1	HSC-1
Al ₂ O ₃ + MgO + ZrO ₂ % Min.	99	98	98
Bulk Density g/cm ³ 1750□x3h Min.	3.30	3.00	3.40
Apparent Porosity % 1750□x3h Max.	10	15	10