



Ladle Flow Control Mechanism & Refractories



Tundish Flow Control Mechanism & Refractories

Interstop 1QC & 2QC slide gate refractories



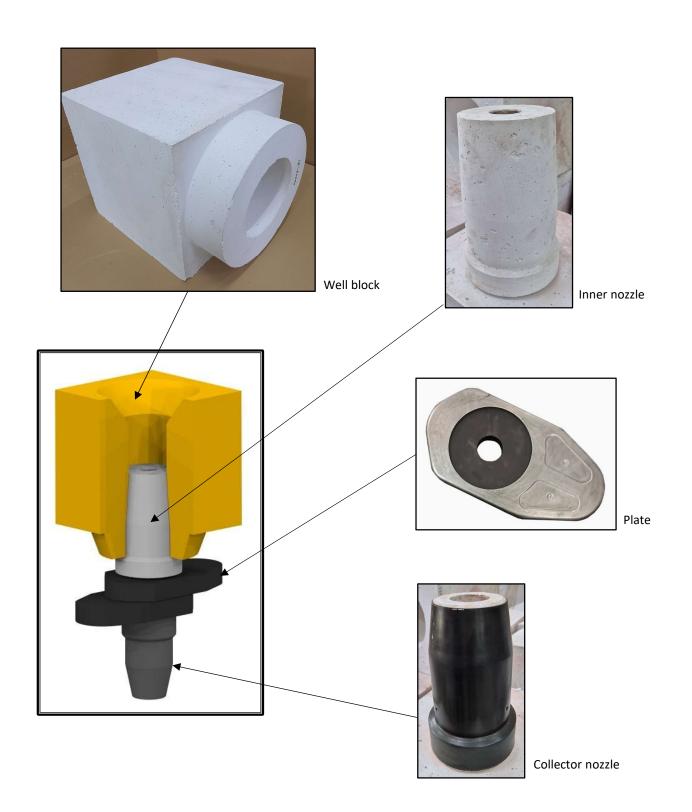
Interstop CS60 & CS80 slide gate refractories



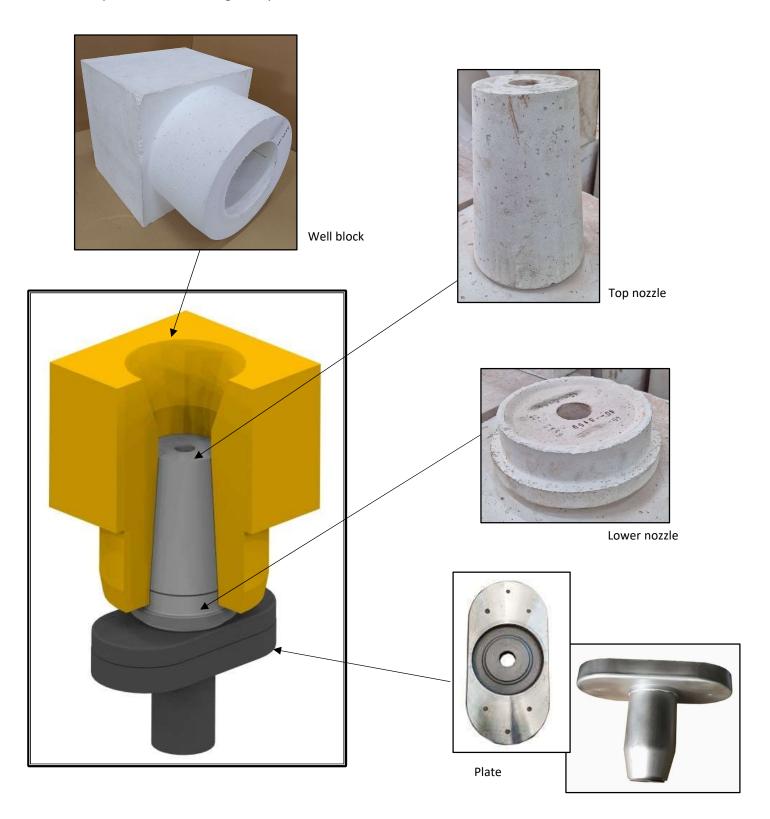
Interstop LS70 slide gate refractories



• LG21, LG22, LG24, LG31, LG34 slide gate refractories



FLOCON 4200 & 6300 slide gate refractories



Qualities for ladle slide gate refractories

Well block

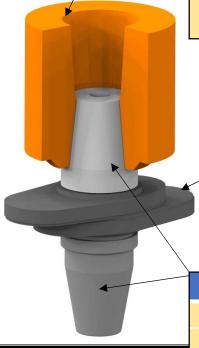
Brand name	Grain size	Chemical Analysis (%)			Explanation
		Al_2O_3	CaO	MgO	
SERCAST-PCE38/97	(0-10mm)	97.0	2.0		Tabular alumina based, low cement castable mix
SERCAST-PCE38/97 SW	(0-10mm)	97.0	2.0		Tabular alumina based, low cement castable mix. Reinfoced with stainless steel wire
SERCAST-PCE38/97 SS	(0-10mm)	94.0	2.0	4.0	Tabular alumina based, low cement castable mix. MgO.Al ₂ O ₃ sinter spinel is added to increase refractoriness



Brand name	Chemical Analysis (%)				
	Al ₂ O ₃	С	ZrO ₂		
Al-Zr-C	75	6	5		

Inner&collector nozzle

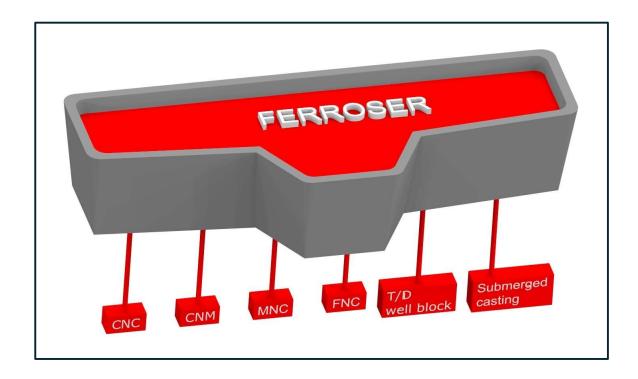
1	Brand name	Grain size	Chemical Analysis (%)			Explanation
			Al_2O_3	CaO	MgO	
	SERFLOW-PCE38/97	(0-5mm)	97.0	2.0		Tabular alumina based, low cement, self-flow castable mix
	SERCAST-PCE38/97	(0-6mm)	98.0	1.4		Tabular alumina based, low cement castable mix
	SERCAST-PCE38/97 SS	(0-6mm)	94.0	1.6	4.0	Tabular alumina based, low cement castable mix. MgO.Al ₂ O ₃ sinter spinel is added to increase refractoriness



- LG21 slide gate mechanism and its spare parts are available from our own production
- FL4200 slide gate mechanism and its spare parts are available from our own production







- Refractories of CNC, CNM, MNC, FNC are available from our own production programme
- T/D well block with zirconia insert and submerged casting refractories are provided from our global partners.



CNC nozzle changer system

'CNC upper, flying, blank nozzle and mechanism are provided from our own production programme'



• CNM nozzle changer system

'CNM flying & blank nozzles are provided from our own production programme. CNM stationary nozzle is offered from our global partner'





• MNC nozzle changer system

'MNC flying & blank nozzles are provided from our own production programme. MNC stationary nozzle is offered from our global partner'



• FNC nozzle changer system

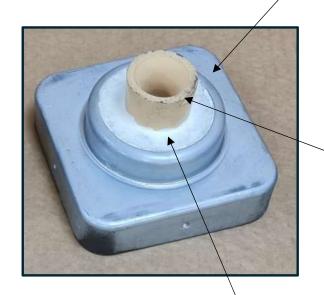
'FNC stationary nozzle & zirconia insert for metallic flying nozzle are offered from our global partner'



• Qualities for tundish nozzles



Manufactured from galvanized sheet metal





Zirconia insert: ZrO₂: 95.5 % MgO: 2.5-3 %

Density: 5.35 gr/cm³ Porosity: 4-6 %

Brand name	Grain size	Chemic	al Analys	is (%)	Explanation
		Al_2O_3	CaO	MgO	
SERFLOW-PCE38/97	(0-5mm)	97.0	2.0		Tabular alumina based, low cement, self-flow castable mix



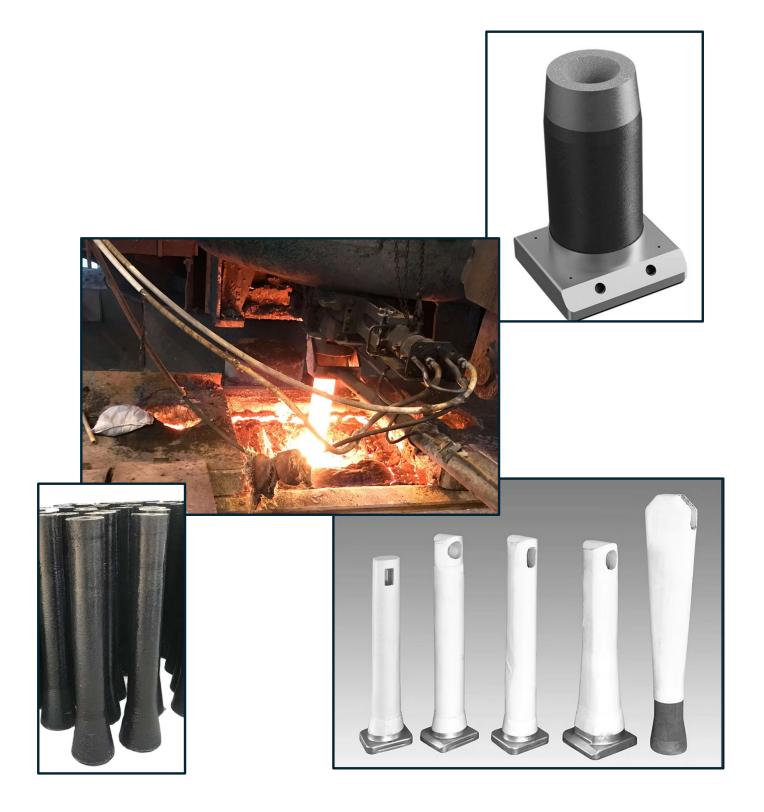
• Tundish well block with zirconia insert

'Tundish well block with zirconia insert is offered from our global partner'



• Submerged nozzles

'Isostatic pressed nozzles are offered from our global partners'



PRODUCTION CAPACITY

'1000 tons/year of ladle slide gate system refractories and 250,000 pc.s/year tundish nozzles are provided from our own production.







REFERENCES

Customer	ltem		
Çebitaş / Aliağa	Ladle flow mechanism and spare parts		
Ege Çelik / Aliağa	Ladle & tundish flow control refractories		
Habaş / Aliağa	Tundish flow control mechanism and its spare parts&refractories		
İzmir D. Ç. / Aliağa	Tundish flow control mechanism and its spare parts&refractories		
Kılıçlar D. Ç. / Aliaga	Tundish & ladle flow control refractories		
Özkan D. Ç. / Aliağa	Tundih & ladle flow control refractories		
Kroman / Çayırova	Tundish flow control refractories		
Çolakoğlu / Dilovası	Tundish flow control refractories		
Diler / Dilovası	Tundish flow control refractories		
Sıddık Kardeşler / Dilovası	Tundish flow control mechanism and its spare parts & refractories. Spare part of ladle flow control mechanism		
Ekinciler / İskenderun	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
İsdemir / İskenderun	Tundish flow control refractories		
Kardemir / Karabük	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
Kaptan D.Ç. / Marmara Ereğlisi	Tundish & ladle flow control refractories		
Tosyalı Metalurji / Osmaniye	Tundish & ladle flow control refractories		
Koç Metalurji / Osmaniye	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
Tosçelik / Osmaniye	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
Yeşilyurt DÇ. / Samsun	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
Kürüm/Arnavutluk	Tundish flow control refractories. Ladle flow mechanism and spare parts		
Baku Steel/Azerbaijan	Tundish flow control mechanism and its spare parts & refractories.		
Özmert / Algeria	Tundish flow control mechanism and its spare parts & refractories. Ladle flow control refractories		
Van Steel / Iraq	Ladle & tundish flow control refractories		