PSB22 - Premium ESR Tool Steel

Electro Slag Remelt (ESR) refines tool steel composition.

Conventional production

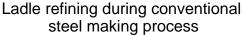


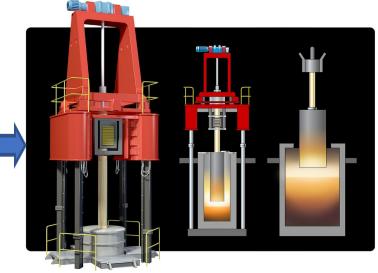
Remelting process removes sulfide and inclusions.



Resulting in high quality ingots

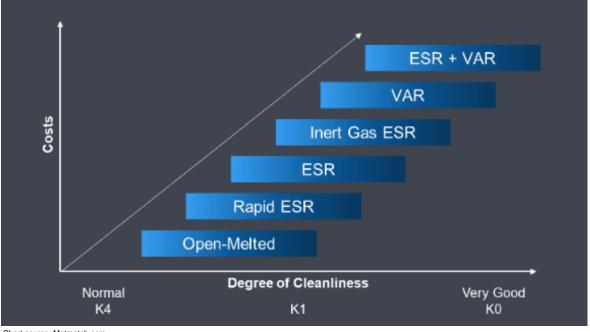






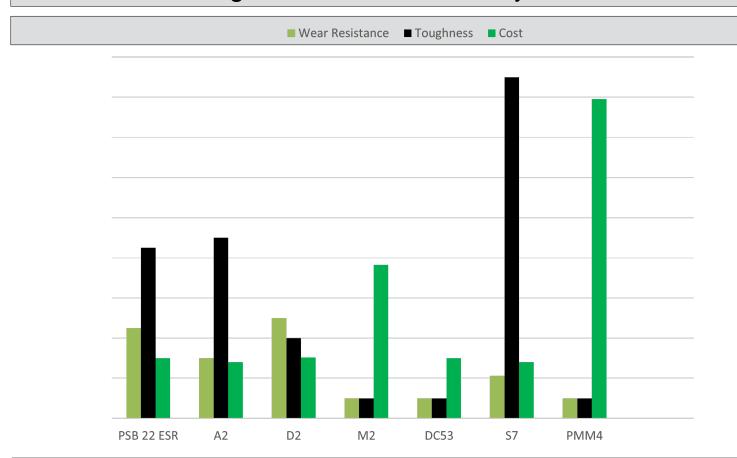
Electro Slag Remelting process

ESR is a lower cost alternative to Vacuum Arc Remelting (VAR)



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Total Tooling CostFind your balance



PSB22 ESR should be considered for the following applications.

Application to consider PSB22 ESR	Replaces	Reason to consider replacing	
Thread rolling and header tooling, form roll knurls and knurling tool holders, rolling dies, extrusion dies, automotive stamping dies.	A2 and D2	Extended wear at a good price. Higher tempering temp allows coatings that require high temp.	
extrusion dies, automotive stamping dies.	M2	Lower cost	
	PMM4	Lower cost and more availability.	
Punches and dies.	DC53	To get ESR quality, more availability, lower cost	
Tire Shredders and shredding equipment.	D2, A2	Longer tooling life.	
Thread and Form rolls.			
Slitter knives			

Flats:	0.082" thru 0.265" Thick	Hardness Range:	Т
Rounds:	0.75" thru 12" Diameter	Heat Trea:t	Sames as D2