

# IRON & STEEL INDUSTRY

	S.No.	APPLICATION	BASE METAL	WEAR / DAMAGE	UNI-ALLOY SOLUTION	FINWELD SOLUTION
BLAST FURNACE	1.	Sinter Breakage	Manganese Steel	Heat + Abrasion	HF 960	-
	2.	Hammer	Manganese Steel	Impact + Abrasion	HF 950	Hard V
	3.	Pallets	Cast Iron	Breakage	LH 410 + LH 480	-
	4.	Sinter Screens	Stainless Steel	Abrasion+Heat+Breakage	HF 960	-
	5.	Shafts	S. Steel/Alloy Steel	Friction + Breakage	LH 770/ LH 780 MGS	-
	6.	Crusher Jaws	Manganese Steel	Abrasion + Impact	HF 940	Hard II
	7.	Amall Bell	Manganese Steel	Abrasion + Impact	HF 940	Hard II
COKE OVEN & COAL WASHERY	8.	Air Compressor Body	Cast Iron	Breakage	LH 410 + LH 480	-
	9.	Motor Base Plate	Cast Iron	Breakage	LH 410 + LH 480	-
	10.	Chutes, Pipes Flanges	Stainless Steel	Breakage	LH 770	-
	11.	Crusher Jaws & Hammers	Manganese Steel	Abrasion	HF 940	Hard II
	12.	Lifting Blocks	Cast Iron	Impact + Breakage	LH 410 + LH 480	-
	13.	Loader Tips	Steel	Impact	HF 950	Hard V
MELTING SHOP	14.	Fumace Door	Cast Steel / S. Steel	Heat + Abrasion	LH 770 / LH 790	-
	15.	Pump Shafts	Cast Steel / S. Steel	Friction	LH 780 MGS/ LH 770	-
	16.	Kiln Shells	Carbon Steel	Fatigue	LH 760+LH 780 MGS	-
	17.	Ladle Trunnion	Cast Steel	Abrasion + Impact	HF 940 + HF 950	-
	18.	Crane Rails	Carbon Steel	Friction	Job Work	-
ROLLING MILLS	19.	Idlers	Cast Iron	Friction / Breakage	HF 940	Hard II
	20.	Housing	Cast Iron	Breakage	LH 410+LH 470/LH 480	-
	21.	Mill Guides	Steel	Heat + Friction	LH 760 + LH 770	-
	22.	Stripper Points	Alloy Steel	Heat	LH 770/ LH 780 MGS	-
	23.	Scrapper Blades	Wild Steel/Mn Steel	Abrasion	HF 950 / HF 980	Hard V
	24.	Feed Screw	Manganese Steel	Abrasion	HF 980	-
	25.	Casting Defects	Cast Iron	Blow Holes	LH 410 + LH 470	-
	26.	Casting Defects	Steels	Blow Holes	LH 760	-

