

## SS 304 COMMERCIAL KITCHEN DRAIN CHANNEL

LOAD CLASS D400



## **APPLICATIONS OF STAINLESS STEEL**

Road Carriageways (not transversal) **Hard Shoulders** Lay-bys with thick & Heavy-goods traffic **Petrol Stations** 



## TECHNICAL DATA SHEET FOR SS 304 COMMERCIAL KITCHEN DRAIN CHANNEL

	CODE	MATERIAL	DIMENTIONS
0	M 41	SS 304 COMMERCIAL KITCHEN DRAIN	1000 MM X 50 MM X 50 MM
	M 42	SS 304 COMMERCIAL KITCHEN DRAIN	1000 MM X 200 MM X 50 MM
	M 43	SS 304 COMMERCIAL KITCHEN DRAIN	1000 MM X 250 MM X customized
	M 44	SS 304 COMMERCIAL KITCHEN DRAIN	1000 MM X 300 MM X customized

	Snec	ification: IS 2062:2011 E250	Δ	(PLE	ASE RI						s Licen ILS OF		IFICAT	ION RE	QUIR	EMEN	TS)							—
	Орос	. 10 2002.2011 2200			C %	Mn %	s %	Р%	Si %	AI %	N ppm	B ppm	Nb %	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing	T	
Specification Requirements				Min						0.020										)		Ť	]	
				Max	0.230	1.500	0.045	0.045	0.400		120									)	0.420			
Cast / Heat No.	Coil No. / Packet No.	Nominal Size (mm)	Pcs	Qty. MT	7. Test Results																			
4400850	2440085009	2.00 x 1250 x C		20.420	0.0540	0.457	0.0060	0.016	0.054	0.053	54		0.006	0.032			6		0.004	0.038	0.1304			
	Total weig	ht in Metric Tonnes		20.420		Gran	d total	of coil	ls / pac	kets		1				K A								
	Spec	oification : IS 2062:2011 E250	4										N	lechanical	Proper	ties								
					Tensile	YS	UTS	GL	EI	YS/UTS	Bend	Bend	Bend	CVN Impa	ct CVN	Impact	CVN Impact	Hardnes	s Hardnes	s GS	IR	HER	ECV	SET
4 0					direction	MPa	MPa	mm	%	ratio	direction	dia,. mm	result	direction	tem	р,. <sup>о</sup> С а	vg.energy .	J HV 10	HRb	No.		%	mm	
Specification Requirements Mir				Min	Т	250.0	410.0		23.0		т					L								ĺ
				Max																				<u></u>
ast /	Coil No. /	Nominal Size (mm)	Pcs	Qty.										Test R	esults									
leat No.	Packet No.	TXWXL		MT											_									
	2440085009	2.00 x 1250 x C	1	20,420	l -	202 00	437.00	Le ceco	10400	0.876	l -	2.0t	Ok	I	1			1	1	1	1	1	1	1

:7106572013 Billing Doc No. :23DO2700337381 Invoice No. Mode of transport :Truck :MH06BD1851

Process Route : CONARC-LHF-CSP

Legends: CONARC = ConArc Furnance, LHF = Laddle Heating Furance, CSP = Compact Strip Production

T x W x L = Thickness x Width x Length

Chemical analysis = Laddle sample analysis, 1 MPa = 1N/mm2

Chemical analysis = Ladoue sample analysis, 1 Mira = 1 N/mm2

(B. = Gauge Length, VS = Yield Strength, LTS = Ultimate Tensile Strength, EI = Total elongation on standard GL,

CVN = Charpy V-notch, L = Longitudinal, T = Transverse, <sup>C</sup>C = Degree Centrigrade, CS = ASTM Crain Size,

IR = Inclusion Stalling, ECV = Erichsen Cupping Value, SET = Strainage Embrittlement Test,

MAE = Micro Alloying Elements, C Eq% = Carbon Equivalent= [C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15]

HER = Hole Expansion Ratio, RoHS = Restriction of Hazardous Substances

The material supplied conforms to the specified dimensions and tolerances.

We certify that material comply the certification as per EN 10204-2004 type 3.1.

Pankaj Khasne Deputy General Manager Quality and System For JSW Steel Ltd.



<sup>2-</sup> Classifications according American Standard ASTM 5- Classification according to Standard EN 10111 (2008) & symbolic designation according to EN 10027-1 (-2) (2006)

<sup>8-</sup> Hooking System between the gratings through hooks and holes.

N.B.Sizes and weights are subject to usual manufacturing tolerance values.