



CS Wear Resource Ltd

Chromium Carbide Overlay Plates



Material Grade	Thickness (mm) Base+H/F layer	Composition of key elements(%)	Hardness (HRC)	Standard Size/mm	Remark
CSW-D60	4+4 (4 on 4)	Cr 27-35, C 3.5-5.0	58-63	1400*3000	-
	6+4 (4 on 6)	Cr 27-35, C 3.5-5.0	58-63	1400*3000	-
	6+6 (6 on 6)	Cr 27-37, C 3.5-5.0	58-63	1400*3500	-
	8+5 (5 on 8)	Cr 27-37, C 3.5-5.0	58-63	1400*3500	-
	8+6 (6 on 8)	Cr 27-37, C 3.5-5.0	58-63	1400*3500	-
	8+8 (8 on 8)	Cr 28-38, C 3.5-5.0	58-65	1400*3500	-
	10+9 (9 on 10)	Cr 30-40, C 4.0-5.5	58-65	1400*3500	-
				2100*3500	-
	10+10 (10 on 10)	Cr 30-40, C 4.0-5.5	58-65	1400*3500	-
				2100*3500	-
	12+7 (7 on 12)	Cr 28-38, C 3.5-5.0	58-65	1400*3500	-
				2100*3500	-
	12+8 (8 on 12)	Cr 28-38, C 3.5-5.0	58-65	1400*3500	-
				2100*3500	-
12+12 (12 on 12)	Cr 30-40, C 4.0-5.5	58-65	1400*3500	-	
			2100*3500	-	
CSW-D80	Available upon customer's request.				

Features:

- ① Submerged Arc welding plate and Open Arc welding plate for option
- ② Other Sizes and Thinkness also available upon request
- ③ Volume percent of Cr7C3 in Microstructure is more than 50%
- ④ Hardness as high as HRC 58-65, hardness equally distributed
- ⑤ Thickness of overlay material equally distributed, tolerance below 0.5 mm
- ⑥ Flatness below $\pm 3\text{mm/m}$
- ⑦ Welding channels along the length
- ⑧ Plates can cut into other sizes/shapes upon request. Studs, holes can be added or machined.