

UP-X

碳化铬析出硬化型
复合耐磨板



简介

UP-X为UP Plate开发之典型复合耐磨板，双合金结构同时具有耐磨与可加工两大优点，赋予UP-X更高的实用性及操作方便性。采用明弧堆焊工法，耐磨板表面呈现均一方向性且平整的焊道型态，适用于一般常见的磨耗环境。

成分・性质

C	Cr	Fe	其他	硬度 (HRC)	ASTM G65 条件 A
≥ 4.0	≥ 21	余量	-	≥ 58	≤ 0.19

说明：硬面厚度>6mm之数据（成分单位 wt%）

规格

项目	说明
标准厚度* (mm) (母材 + 硬面)	3+3, 4+4, 6+4, 6+6, 8+5, 8+6, 10+10, 12+12, 12+25
标准尺寸* (mm)	1,200 × 2,400 1,500 × 3,000 2,200 × 3,000
建议使用温度 (°C)	≤ 450
加工性能	线切割, 等离子切割, 雷射切割 植钉, 沉孔, 气刨
折弯性能	R ≥ 125 (6+6 耐磨板硬面层朝内的折弯数据)
母材材质*	Q235B (SS400, S235JR)



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*可客制化生产

UP-X

Chromium carbide
precipitation hardening type

Composite Wear Plate

UP
Plate



Brief introduction

UP-X is a typical composite wear plate developed by M/s UP Plate, with a double-alloy structure that combines the advantages of wear resistance and machinability, making UP-X even more practical and user-friendly. It adopts the open-arc surfacing process method, the surface of the wear plate shows a uniformly oriented and flat weld channel pattern, which is suitable for various abrasive situations.

Chemical composition and properties

C	Cr	Fe	Others	Hardness(HRC)	ASTM G65 Condition A
≥ 4.0	≥ 21	Balance	-	≥ 58	≤ 0.19

Specification

Item	Specifications
Standard thickness*(mm) (Base material+hard surface)	3+3, 4+4, 6+4, 6+6, 8+5, 8+6, 10+10, 12+12, 12+25
Standard size*(mm)	1,200 × 2,400 1,500 × 3,000 2,200 × 3,000
Recommended operation temperature()	≤ 450
Processing performance	Wire Cutting, Plasma Cutting, Laser Cutting, Staple Embedding, Countersinking, Pneumatic Planing
Bending performance	R ≥ 125 Inward bending data of 6+6 wear-resistant plate with hard facing layer
Base material*	Q235B (SS400, S235JR)



*Can be customized production.