



「硬鉻銼-900系列」是壺三獨創的製品，同時適用於軟質材料和硬質材料。特別是不易積屑。具有耐磨性，耐久性，良好排屑等卓越性能。

由於在銼刀素材上採用了壺三獨創的光亮鍍層技術，其表面硬度實現了革新。

#### 特長

- 較之普通銼刀其耐久性提高了3-6倍。  
(因被切削材料而異)
- 防銹，防腐蝕性能卓越。能有效改善因海洋及多濕環境導致銼刀銹蝕而劣化的狀況。
- 剝離切削粉性能卓越，杜絕銼刀積屑現象發生。因為能去除切削粉，故能持續進行順暢的切削作業。

#### 用途

- HV900 (HRC67) 的卓越表面硬度實現了用一支銼刀可以處理從木工製品，蠟，塑膠製品，鋁材，模具鋼，不銹鋼，陶瓷等軟質材料和硬質材料。

#### Use

By TSUBOSAN original technology of the Hard Coating, "BRIGHT-900 Series" raised its function of Steel Files up to the superior status which could be used for the wide range between Soft- Metal and Hard-Metal.

"BRIGHT-900 Series" resist against its own defacement, corrosion and clog (3 characters).

The File surface of "BRIGHT-900 Series" has HV900(HRC67) hardness, so the File life would be expanded in 3~6 times longer than non-coating Steel File.

For example,

"BRIGHT-900 Series" are availed on Wood, Plastic, Soft-Metal(AI・Cu…), Stainless Steel, Mold-Die Steel, Ceramic, Glass, etc..

## 硬鉻銼-900鉗工銼 BRIGHT-900 (ENGINEER'S TYPE) 650

### 規格表 STANDARD TABLE

INCH	mm	SHAPE	DIMEN-SION	扁	半圓	圓
				HAND	HALF ROUND	ROUND
				W × T mm	W mm	W mm
6	150	W × T		16 × 4	16 × 4.5	φ6
		kg-do <sub>z</sub>		0.82	0.74	0.46
		BOX pcs		12	12	12
		ITEM No.		BRHI 150*	BRHA 150*	BRMA 150*
8	200	W × T		21 × 5	21 × 6	φ8
		kg-do <sub>z</sub>		1.72	1.82	1.00
		BOX pcs		6	6	6
		ITEM No.		BRHI 200*	BRHA 200*	BRMA 200*
10	250	W × T		25 × 6	25 × 7	φ10
		kg-do <sub>z</sub>		3.22	3.00	1.88
		BOX pcs		6	6	6
		ITEM No.		BRHI 250*	BRHA 250*	BRMA 250*

ITEM No.\*  
assorted

齒紋粗度 ROUGHNESS	*
中齒 Second	2
細齒 Smooth	3

## 硬鉻銼-900什錦銼 BRIGHT-900 (DIE SINKERS TYPE) 660

### 規格表 STANDARD TABLE

DIMEN-SION	套裝 SET	扁	半圓	圓	方	三角	
		HAND	HALF ROUND	ROUND	SQUARE	TRIANGULAR	
TYPE	mm	W × T mm	W × T mm	W mm	W mm	W mm	
5支裝 5-PCS	215L 110 l	—	11 × 3.5	12 × 3.8	φ5.5	5.5	9.0
	kg-25pcs	1.38	1.48	1.43	1.13	1.30	1.44
	No./1set	5 (each 1)	5	5	5	5	5
	ITEM No.	BRST 505*	BRHI 505*	BRHA 505*	BRMA 505*	BRKA 505*	BRSA 505*

● 1套5支裝。

● 和鉗工銼類，什錦銼類一樣，可根據客戶要求定制不同形狀，不同尺寸和齒紋粗度的銼刀。