

PVA Elastic Polishing Media

This product is an elastic polishing round media produced using our PVA manufacturing technology.

Our PVA grinding wheel is an elastic and scratch-resistant product. It is more suitable for fine finishing and mirror polishing compared with resinoid and vitrified grinding wheels; therefore, it is used to polish non-ferrous metals including aluminum, stainless steel, titanium, copper, silver, etc.

Being ball-shaped, it is particularly expected to be used as an elastic media for fluid polishing, barrel polishing and blast polishing.

■ Product types and properties (standard values) :

Product type	Media size	Abrasive grit size	Workpiece	Purpose
SPM-1000	2mmΦ	#1000	Non-ferrous metal	Glossy finish, Mirror finish
SPM-3000	2mmΦ	#3000	Non-ferrous metal	Glossy finish, Mirror finish

Appearance



SEM x60



■ Working example : Wet polishing test (Rotational number:2200rpm, Time:10min)

Product type : SPM-3000

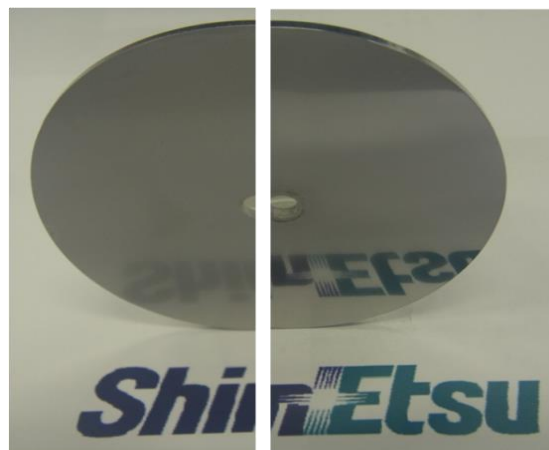
Workpiece : SUS304

Rotating



Before polishing

After polishing



Surface roughness (Ra) : 0.23μm → 0.11μm
 Glossiness : 70 → 470