

Get high-strength · high-wear resistance special copper alloys
by quick delivery even in small lots !

Aluminum Bronze Alloys HRW-1



Yamato Gokin Co.,Ltd.

The specialist for
special copper alloys

<https://www.yamatogokin.com/english/index-e.html>



1. Product

Aluminum bronze alloys HRW-1 (High Resistance Wear-1) are special copper alloys having both excellent mechanical properties (tensile strength of over 640MPa, elasticity of over 15%, hardness of over 180HBW (30/1000)) and excellent wear resistance. As a material for sliding parts that require a high load, weight reduction and miniaturization, HRW-1 is the most suitable material for worm gears, bearings, liners, bushes, joints, wipers, etc.

2. Performance

- Prolonging lives of various parts by excellent wear resistance.
- Processing of cutting conditions as same as special high-strength brass and aluminum bronze alloys other than HRW-1 is available.
- Available to the requests on small lots and quick delivery because of our integrated production.
- High quality ; HRW-1 is used in landing gears of airplanes of major aircraft manufacturer.

Please watch the video
of company introduction →



3. Expected Partners and Customers

Local agents and trading companies dealing with companies of industrial machinery, automobiles, construction machinery and shipbuilding.



Please send your inquiry to: Tokyo SME Support Center
TEL +81-3-5822-7241 FAX +81-3-5822-7240 E-mail ttc@tokyo-kosha.or.jp
URL <https://www.tokyo-kosha.or.jp/TTC/en/>
Tokyo SME Support Center is founded by Tokyo Metropolitan Government to assist SMEs in Tokyo.

高強度・高耐摩耗性の特殊銅合金を、少ロット・短納期で！

アルミニウム青銅 HRW-1



特殊銅合金 一筋

大和合金株式会社

<https://www.yamatogokin.co.jp>



1. 製品について

アルミニウム青銅 HRW-1(High Resistance Wear-1) は、優れた機械的性質（引張強さ 640MPa 以上、伸び 15% 以上、硬さ HBW(30/1000)180 以上）と、高い耐摩耗性を兼ね備えた特殊銅合金です。高荷重、軽量化および小型化が求められる摺動部材（ウォームギア、軸受け、ライナー、ブッシュ、ジョイント、ワイパー等）に最適な材料です。

2. 特長

- ・優れている耐摩耗性により、部品の長寿命化を実現
- ・高力黄銅や他のアルミニウム青銅と同程度の切削条件で加工が可能
- ・自社一貫生産により、少ロット・短納期対応が可能
- ・高い品質：大手航空機メーカーの飛行機に使用（ランディング・ギアの軸受け）

会社説明の動画を
ご覧いただけます →



3. 求める販売先・パートナー

産業・建設機械、自動車、造船会社に販路のある現地代理店および商社。