

Screen Media



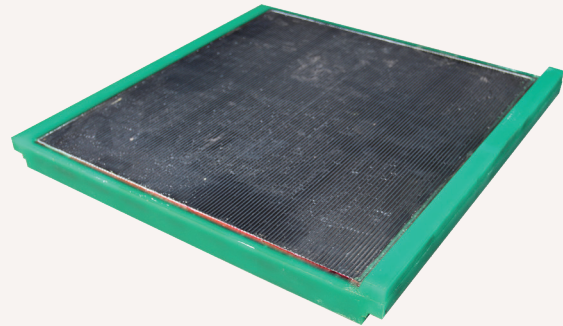
 **AURY**
AURY Australia Pty. Ltd.

Wedge Wire Screen Panel

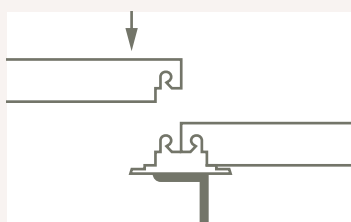
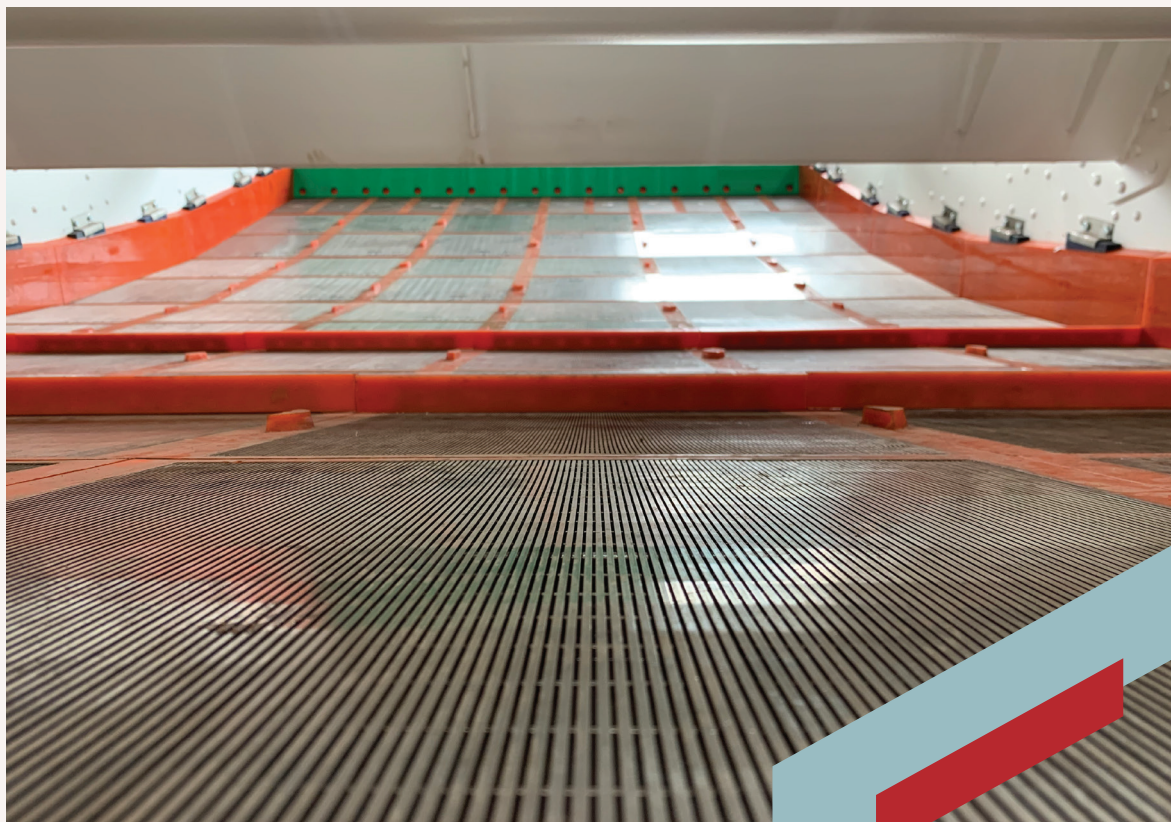
The wedge wire panel is widely used in coal preparation plants where recoveries are vital.

Aury supply the wedge wire as either hard chromed or non-hard chromed and in various wire profiles and aperture combinations.

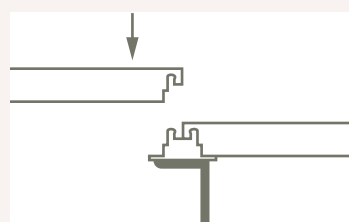
Additional enhancements are available such as full length divertors that allow for longer panel life and better screening and universal cast-on dams allowing for a single dam panel to become a centre, left hand or right hand part with an easy and quick modification.



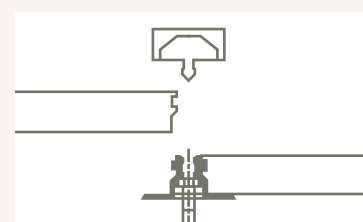
610 x 610 Wedge Wire Panel



Aury 3G



Aury PIPO2



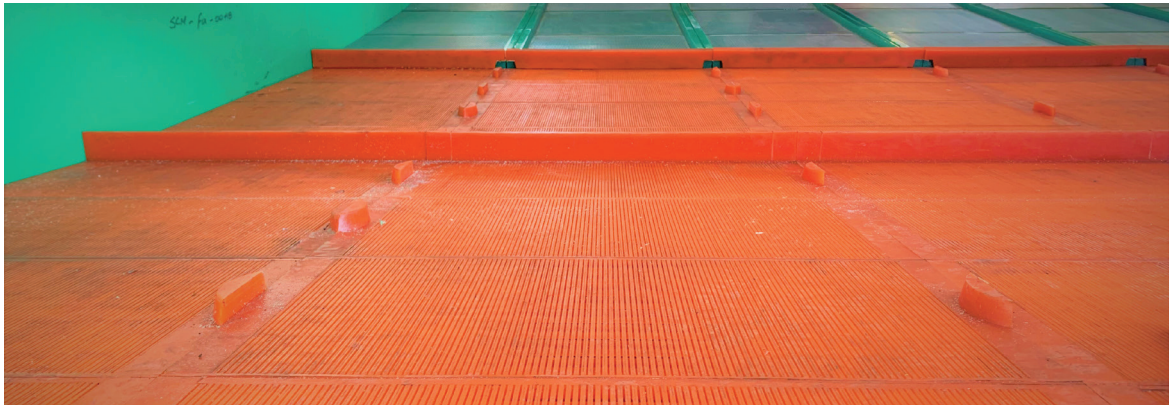
Aury Elok

Poly Screen Media

Aury Australia manufactures polyurethane screen media using high quality urethane raw polymers that provide high abrasion resistance resulting in longer service life.

Our vast aperture library allows us to provide the best solution to your screening needs. We can offer some of the highest open area available in fine apertures while maintaining wear life.

Polyurethane Sizing Screen Panels offers a light weight modular system providing ease of maintenance, low noise and high wear resistance. The relief angle in each aperture resists pegging and increases effective open area.



Standard Slot

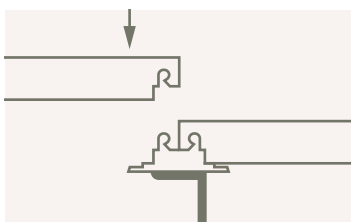


Polyurethane Conslot

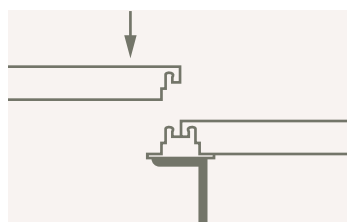
Hardness Shore A

90-94 A

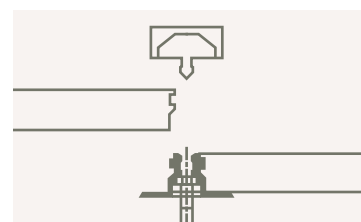
Tensile Strength	29
Elongation at Breaking Point	430
KN/cm Tear (without Nick)	98
Resilience %	29
Abrasion mm	30



Aury 3G



Aury PIPO2

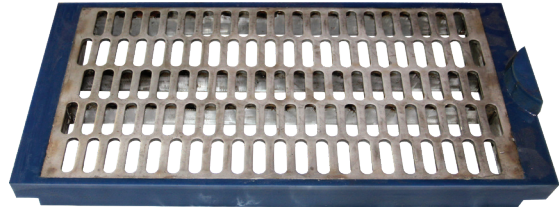


Aury Elok

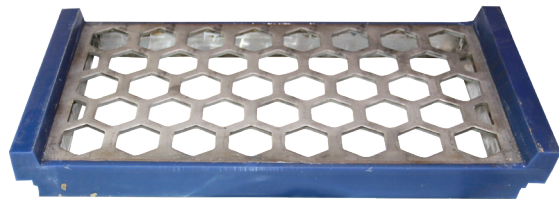
Modular Perforated Plate Screen Media

Modular Perforated Plate delivers high open area along with impact resistance while offering all the benefits of a modular fixing system, such as reduced down time and reduction in operation cost. This product delivers significant benefit in primary and secondary classifying applications.

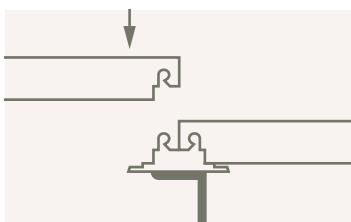
Available in materials such as 3CR12, Bisalloy and Hardox.



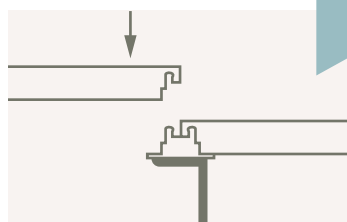
Stainless Steel Perforated Plate



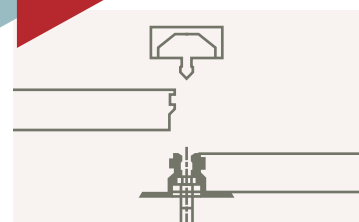
Stainless Steel Perforated Plate



Aury 3G



Aury PIPO2

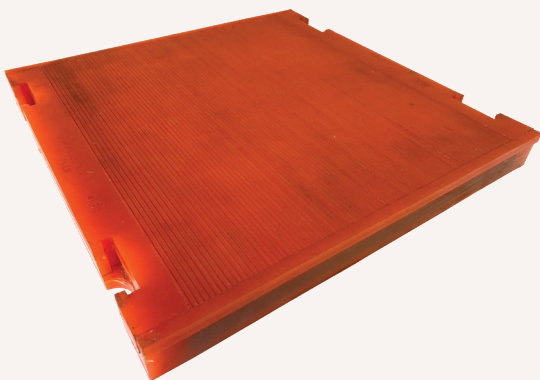
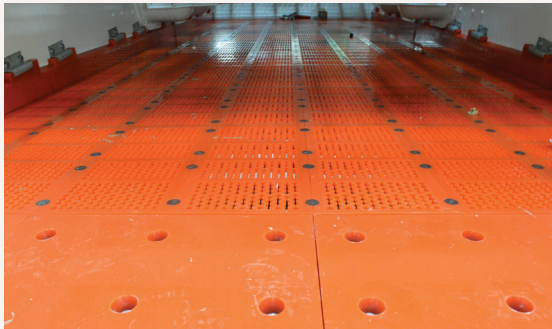


Aury Elok

Modular Pin Fixing

Rubber

Aury Pin Fixing rubber screen media is manufactured in natural or FRAS rubber. It is available in a range of hardness's ranging from 40A duro to 65A duro. The screen panels can have impact zones and rider bars for high impact areas. Supplying the screen panels in 305x305 panel size allows for greater thickness while not overburdening installers with high panel mass. The 305 x 610 is popular due to its increased open area.

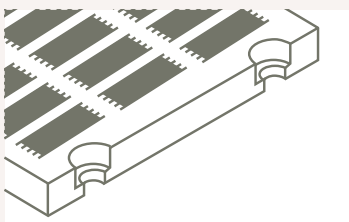


Polyurethane

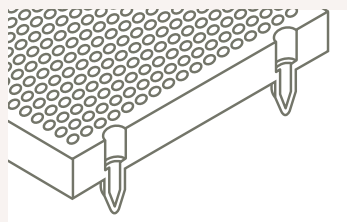
The Aury pin fixing polyurethane screen media is an injection moulded screen panel.

Polyurethane Sizing Screen Panels offers a light weight modular system providing ease of maintenance, low noise and high wear resistance. The relief angle in each aperture resists pegging and increases effective open area.

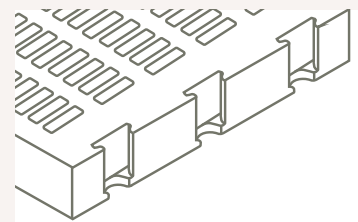
The Aury pin fixing polyurethane screen media is an injection moulded screen panel. Normally supplied in 305x305 sized panels, they can be supplied with standard industry fixing types.



Aury Round Pin and Sleeve



Aury Round Pin and Leg



Aury 'H' Pin and Sleeve

Punch Plate - Bolted

Bolted punched plate screen panels are the ideal solution to high impact primary screening. While being semi modular, they provide the best balance between cost and wear life. Manufactured in 3CR12, Bisalloy or Hardox.

The fixing method is also simple. A locking strip with protection for bolt heads allows for easy installation.

Typically the deck utilises the side clamp fixing found on other modular screen media decks.



Trommel Screens

Trommel panels can be manufactured in polyurethane or rubber and are designed to suit the trommel frame currently installed.

They have internal steel frames that allow for accurate rolled radii.

Fixing methods are designed to suit the installation. Normally bolted, other designs such as snap-lock or pin and sleeve fixings can be provided.

The trommel panel can incorporate a spiral and blanked sections such as feed zones.

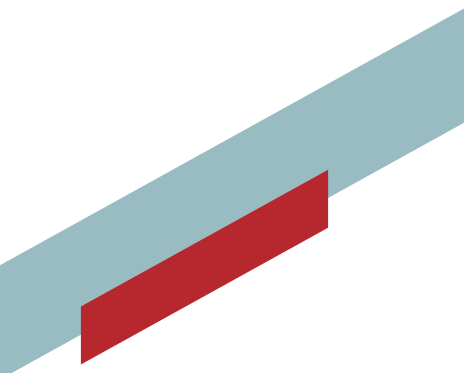
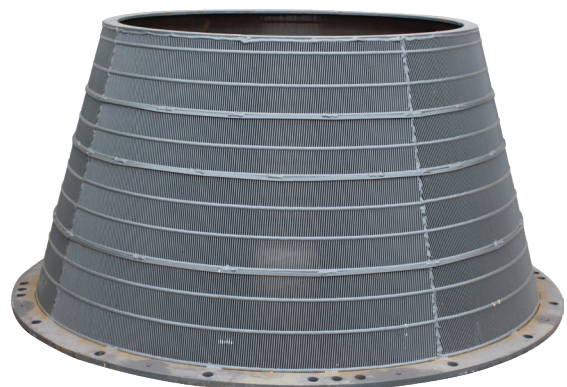


Centrifuge Baskets

Centrifuge baskets manufactured by Aury Australia are the perfect screening solution to the Aury centrifuge machine, but they are designed to fit most centrifuge machines.

They are available in various wedge wire profiles and aperture combination and include accessories such as accelerator bars - full and half length, feed zones with hard face welding on angle changes and dam rings.

Combine the Aury centrifuge basket with basket carriers, backing plates and scrolls.



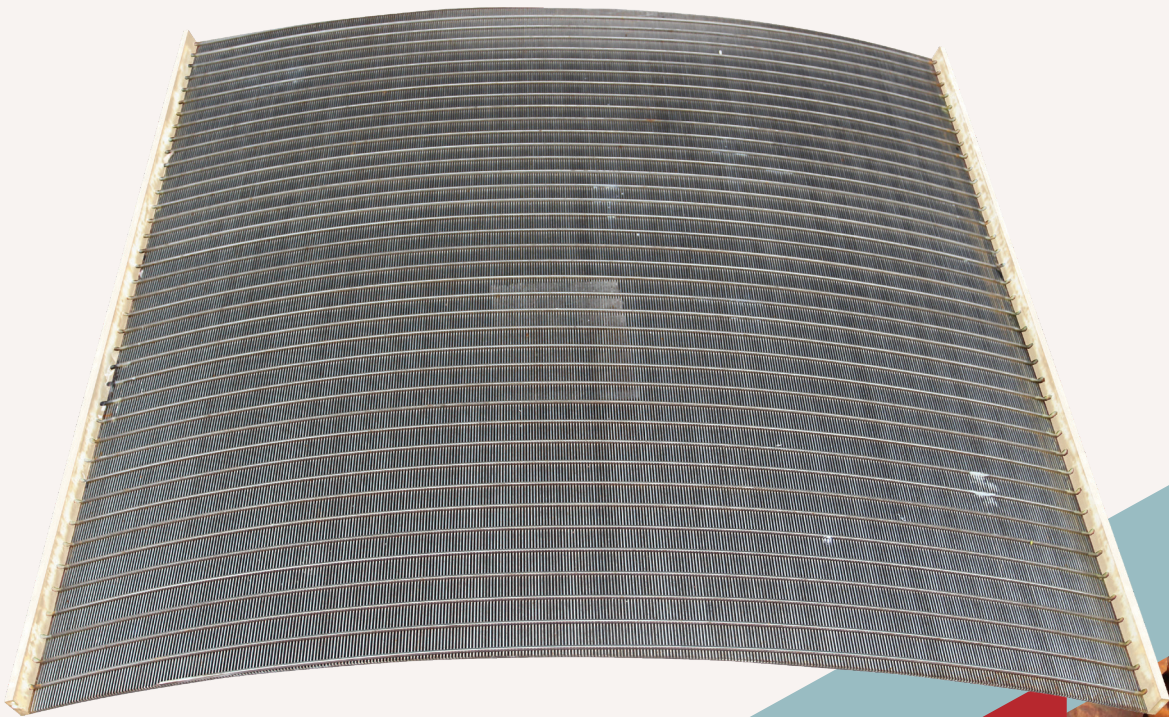
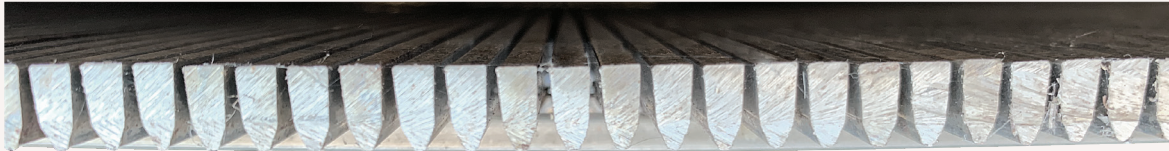
Sieve Bend and Static Screens

Aury manufacture sieve bend screens using in-house drawn wedge wire and support bars.

The sieve bend is designed to provide fine dewatering due to its across flow wedge wire design, fine aperture size and radius.

The static screen is similar to the sieve bend but without the radius. Generally used on larger areas where they are used as a "safety" screen. Apertures and wire profile are generally coarser.

Both screens have a simple steel frame and can be supplied in 304ss or 316ss.

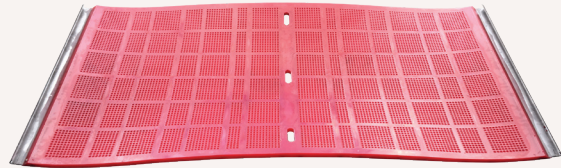


Cross Tensioned Screens

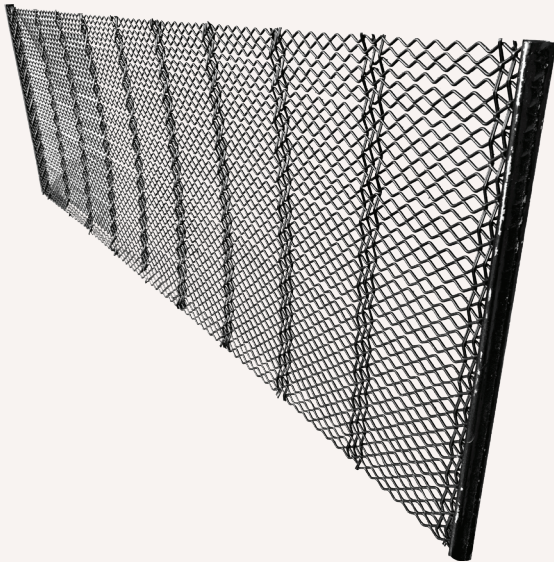
Aury has a cross tensioned screen to suit most applications. We manufacture them in polyurethane, woven wire and rubber.

They are individually designed to suit the site which allows for higher open area or longer service life.

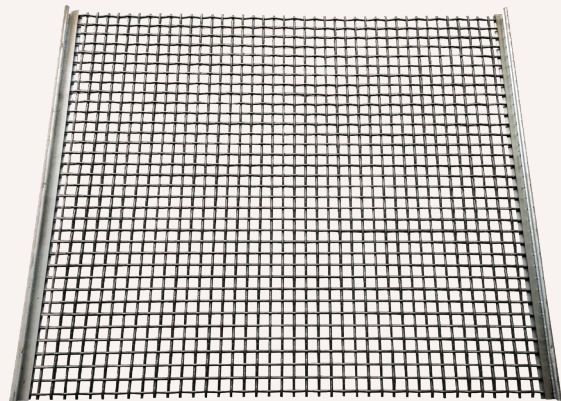
Available in various aperture sizes and thicknesses/wire diameters. We can supply various types of hooks including 45 degree standard to 180 degree reversed.



Standard Poly Panel



Vibe Woven Wire Screen

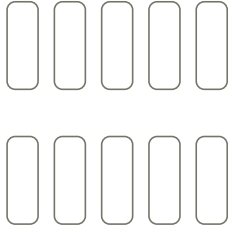


Woven Wire Screen



Aperture Types

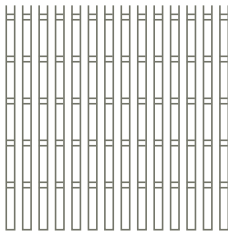
Rectangular Slot



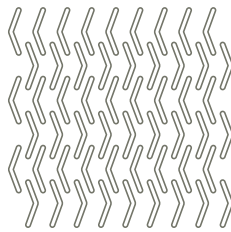
The slotted apertures provide our customers with maximum available screen efficiency. Typically installed on a multi-slope screen, the slot allows for accurate sizing while preventing pegging.

They are also used on trommel screens to provide higher open area and accurate sizing.

Continuous Slot



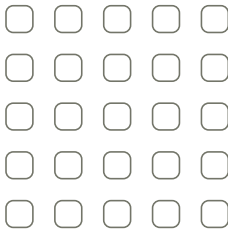
Boomerang



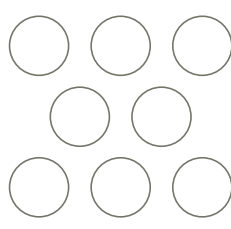
Aury have two options for economical and highly efficient rinse sections of your screen. The conslot and boomerang apertures are supplied in polyurethane meaning lower cost. They are designed to provide the highest possible open area over similar sized polyurethane screen panels but with the added advantage of de-pegging and de-blinding.

The boomerang can be supplied in more coarse aperture sizes and used where blinding is an issue.

Square

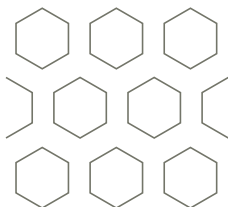


Round



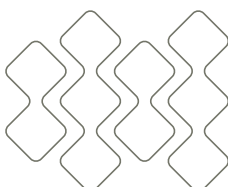
The Aury square and round apertures are used for very fine sizing requirements. They don't have as great open area compared to slots but will provide a very accurate screen sizing.

Hexagonal



Our hexagonal apertures are the mainstay of punched plate type screen panels. Typically used in primary screens, they provide good sizing capabilities and can be designed to provide higher open area or higher wear life.

VR



Our VR apertures are used on our pin fixing type panels and widely used in hard rock applications. They provide a good solution to blinding issues.



Get in Touch

Looking to get in touch? Aury Australia head office is based in Rutherford, which is part of the prosperous Hunter Region of New South Wales, Australia.

NEWCASTLE OFFICE

📍 108 Mustang Drive
RUTHERFORD NSW 2320
Australia

☎ +61 2 4937 6935

✉ sales@aryaustralia.com.au

MACKAY OFFICE

📍 6 Progress Drive
PAGET, MACKAY QLD 4740
Australia

☎ +61 7 4952 2622

✉ sales@aryaustralia.com.au

PERTH OFFICE

📍 27 Purser Loop,
Bassendean WA 6054
Australia

☎ +61 436 347 216

✉ sales@aryaustralia.com.au



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