

As-Cast & Finished Blanks and Liners

- Alloys for the full range of process environments.
- Wear solutions in complex to general purpose applications.
- Maximum component life and optimum production.



Semi-finished & straight barrel blanks and liners: Semi-finished blanks are used most often for the manufacture of new single bore barrels. Liners may be used for the fabrication of new twin or single bore cylinders along with repair of barrels and feed sections. Semi-finished Liners and blanks are supplied cast with the specified wear protection. They then are finish machined to specified dimensions & lengths, straightened and inspected for shipment. Wexco spun cast alloys are often used to manufacture barrels that are marketed under various private trade names.

As-cast blanks and liners: As-cast blanks and liners are used in the manufacture and repair of bimetallic barrels, cylinders and feed sections. The As-cast product is supplied in the as-cast rough hone state with extra stock at the inner and outer diameters along with extra length so that the cylinder may be custom cut and finished to job requirements. The As-cast liner is often utilized as the replacement sleeve used for the relining of injection barrels.

Wexco Inlay	Wear Environments							
555	Medium corrosion and moderate abrasion.							
666	General purpose –abrasion and mild corrosion.							
777- Durocast	Heavy duty abrasion and medium corrosion in glass filled resin applications.							
Inlay Material	Hardness	Primary composition elements						
555™	50-55 Rc	Ni	Cr	Co	C	Si	B	Mn
666™	60-63 Rc	Ni	Cr	Fe	C	Si	B	Mn
777 Durocast™	65-70 Rc	Ni	Cr	WC	Co	Si	B	Mn

Backing materials

JP38 Micro Alloy, 4140, 1020, 1026, 316, Alloy 20CB3

Custom engineered liners, blanks or semi - finished cylinders and special backing alloys quoted per request.

Service. Expertise. Quality.