

NICKEL & COBALT BASED ALLOYS FOR HARDSURFACING AND HIGH TEMPERATURE BRAZING APPLICATION SYSTEMS, ACCESSORIES, THERMAL AND METALS PROCESSING

PRODUCT DATA SHEET WALLEX BUSHINGS FOR GALVANISING LINES

The process of continuous hot-dip galvanising of steel strip puts a high demand on the hardware used in terms of the need for corrosion and wear resistance. The use of Wallex® bushes and sleeves on the roll journals and support arms helps to significantly increase the life of the pot gear, up to 4-5 times compared to unprotected gear.

Components are cast in the selected Wallex® alloy (see table below) and supplied in the finish machined condition along with full certification. Wall Colmonoy can supply all wear components required for the sink rolls, stabilising rolls and support arms of the major rig designs currently being used. Depending on customer requirements parts can be delivered on an ex-stock basis or to pre-agreed delivery schedules.

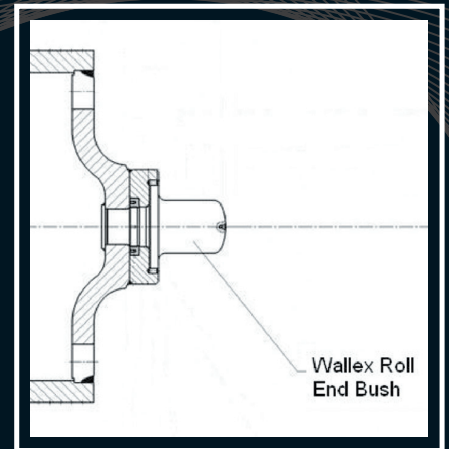


TABLE I - WALLEX RANGE

WALLEX RANGE	C	Cr	W	Si	Mo	Co	HRC
Wallex 3	2.3	31	13	0.75		Bal	51-55
Wallex 4	1	30	14	0.5		Bal	45-50
Wallex 6	1	29	4.5	1.25		Bal	38-42
Wallex 180	0.08	13		2.7	28	Bal	50-55

Figure 1 – Steel Industry



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PLEASE CALL OR EMAIL US - WE'RE READY TO HELP.

WALL COLMONOY



“ MAKING METALS WORK HARDER FOR OVER 70 YEARS ”

Wall Colmonoy is a leading provider of solutions for wear based problems including abrasion, corrosion, impact, heat & galling.

Solutions can be offered as powder for hardfacing or precision castings.



COMPONENT MANUFACTURE

Wall Colmonoy has a state of the art precision casting and machining facility which operates at the very cutting edge of modern technology.

The Foundry casts nickel chrome boron (Colmonoy) and cobalt tungsten chromium (Wallex) alloys using either investment, centrifugal or sand casting processes to produce required components.



Wax press



Machine shop

ACCREDITATION

Wall Colmonoy's on site modern laboratory and test facilities are fully approved and can certify goods to customers specific requirements.

Approvals held include:

CAA
Rolls Royce SABRe
ISO 9001:2000



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