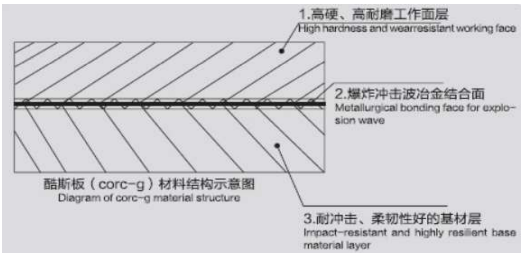
HOTION INTERNATIONAL TRADING CO., LIMITED
Add: No.5, Yinka Road, Dongling District, Shenyang, China.
Website: www.hotionxs.com

Compound wear plates (corc-g) select the high hardness and the high wear-resistant material as a face, the choice of high impact flexible material as a substrate preferably by explosive welding method, so that both properties dissimilar materials compound a new material, this new material not only has high hardness and wear resistance after heat treatment, but also has good flexibility and impact resistance.



Mechanical Property

Specification	Hardness (HRC)	Hard/Soft (thickness)	Instead of international material
Normal wear plate/HM-B	58-62	1/3	CORC-g Standard Corc-g
Stainless steel wear plate/HM-B-S	54-58	1/3	CORC-g Stainless CORC-g rostfrei

Chemical composition of HM-B(%)

HM-B	C	Mn	Cr	Si	S	P
				⩽		
hard metal	0.75-0.84	0.3-0.8		0.35	0.03	0.03
soft metal	0.12-0.20	0.3-0.7		0.3	0.02	0.02

Chemical composition of HM-B-S(%)

HM-B-S	C	Mn	Cr	Si	S	P
				⩽		
hard metal	0.25-0.34	<0.85	12-14	0.8	0.03	0.03
soft metal	0.12-0.20	0.3-0.7		0.3	0.02	0.02

Compound method: 100% metallurgical bond
The thickness of hard plates will be 4-6mm.
The normal working life of our compound wear plates will more than 60 months.
The longest working life of our compound wear plates is 9 years.

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Corc-g Wear Plates

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MAIN-METALL

MAIN-METALL

ALZEN 305K

Sliding liner main-metall