

耐高冲击磨耗用焊丝 High Impact/Build-up Wires

产品型号 GORE 385-SPL

概述

奥氏体高锰钢焊丝。受冲击后迅速硬化。

用途

用于各种高锰钢表面的涂层焊接，以及高锰钢与碳钢低合金钢的连接用焊丝。

技术参数

抗拉强度: 135000 psi
延伸率: 30%
焊后硬度: HRC 15-20
工作硬度: HRC 50-55
规格: 1.2mm 1.6mm

GORE 385 is a high carbon, high alloy austenitic manganese welding alloy. Work-hardens rapidly under repeated impact.

GORE 385 can be used for joining and build-up or overlaying. It can be used with full confidence to build-up or join manganese steels, as well as manganese to carbon and low alloy steels.

Tensile strength: 135,000 psi
Elongation: 30%
Hardness: 15-20 Rc
Work-hardens: 50-55 Rc
Available Sizes: : 1.2mm 1.6mm

产品型号 GORE 3850-FCO

概述

增加了铬镍含量的奥氏体锰钢焊丝。

用途

主要用于各种高锰钢，耐磨部件的表面涂层堆焊及其他硬面焊丝的缓冲层。

技术参数

抗拉强度: 120000 psi
延伸率: 45%
焊后硬度: HRC 15-20
工作硬度: HRC 50-55
规格: 1.2mm 1.6mm

GORE 3850-FCO is a work-hardening austenitic manganese steel flux-cored wire alloyed with chromium and nickel to improve weld deposit properties.

It is designed for build-up and fabricating of manganese steel. Build-up of crusher jaws, cones and roll shells, gyratory crusher mantels, hammer mill hammers and impact breaker bars.

Tensile strength: 120,000 psi
Elongation: 45%
Hardness: 15-20 Rc
Work-hardens: 50-55 Rc
Available Sizes: 1.2mm 1.6mm

产品型号 GORE 3865-FCO

概述

奥氏体高铬锰钢焊丝。受冲击后迅速硬化。

用途

用于各种高锰钢，碳钢，低合金钢的表面涂层焊接，具有非常理想的综合性能。具有极佳的隔热性能。特别适用于重复维修。

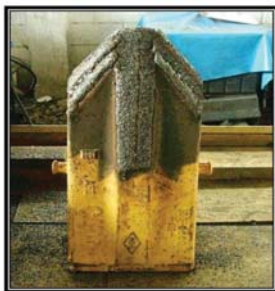
技术参数

抗拉强度: 122000 psi
延伸率: 40%
焊后硬度: HRC 15-20
工作硬度: HRC 50-55
规格: 1.2mm 1.6mm

GORE 3865-FCO is a high alloy, work-hardening austenitic manganese steel flux-cored, open-arc hardfacing alloy. Work-hardens rapidly under repeated impact.

It can be used equally well for joining and build-up/surfacing of carbon, low alloy and manganese steels. Weld deposits made with GORE 3865-FCO are a modified chromium-manganese chemistry providing an excellent combination of weld metal strength and ductility. Ideal as a cushioning or buffer layer on manganese steel parts that will be repeatedly rebuilt.

Tensile strength: 122,000 psi
Elongation: 40%
Hardness: 15-20 Rc
Work-hardens: 50-55 Rc
Available Sizes: 1.2mm 1.6mm



斗齿易磨损部位已经过耐磨处理



耐磨斗齿的加工过程



耐一般冲击高磨耗用焊丝 Impact/Abrasion Wires

产品型号 GORE 3834-SPL

概述

高铬碳化物硬面合金焊丝。

用途

主要用于承受严重的磨耗及适度的冲击的部件的表面涂层堆焊。

技术参数

焊后硬度: HRC 55-60
焊接厚度: 2-3 层
规格: 1.2mm 1.6mm

GORE 3834-SPL is achromium carbide forming alloy

GORE 3834-SPL is recommended for applications involving severe abrasion with mild to moderate impact.

Hardness: 55-60 Rc
Thickness: 2-3 layers
Available Sizes: 1.2mm 1.6mm

产品型号 GORE 3836-SPL

概述

高硬度的复合碳化物合金焊丝。

用途

用于承受严重磨损, 高应力磨损部件的表面修复, 在760 C (1400 F) 高温时能维持非常好的耐磨性能。

技术参数

焊后硬度: HRC 63-67
焊接厚度: 2 层
规格: 1.2mm 1.6mm

GORE 3836-SPL is a multi-carbide hardfacing wire containing Chromium, Tungsten, Vanadium, Columbium, Molybdenum and Carbon.

This high hardness multi-carbide system resists extreme abrasion, high stress grinding, low stress scratching and gouging abrasion at temperatures up to 1400°F (760°C)

Hardness: 63-67 Rc
Thickness: 2 layers
Available Sizes: 1.2mm 1.6mm

产品型号 GORE 399-SPL

概述

高钨碳化物合金焊丝。

用途

通过特殊的配方设计, 较一般的钨碳化物焊丝有更好的耐磨损性能。用于承受非常低的冲击的耐磨部件的修复焊接。

技术参数

焊后硬度: HV 2300
焊接厚度: 2 层
规格: 1.2mm 1.6mm

GORE 399-SPL is a tungsten carbide forming alloy

It is specially designed to have superior antiwearing performance than ordinary tungsten carbide alloy. It is recommended for applications involving wearing but mild impact.

Hardness: HV 2300
Thickness: 2 layers
Available Sizes: 1.2mm 1.6mm



耐磨锤头



掘进机钻头

金属间耐磨焊丝 Metal to Metal Wear Alloy Wires

产品型号 GORE 3826-SPL

概述

特殊成分设计的铁基硬面合金焊丝。

用途

主要用于承受严重的磨耗及适度的冲击的部件的表面涂层堆焊。

特别适用于盾构机刀盘等需要一定韧性同时又需要足够耐磨性的部件的耐磨堆焊

技术参数

焊后硬度: HRC 54-58

焊接厚度: 2-3 层

规格: 1.2mm 1.6mm

GORE 3826-SPL is a commonly used carbide forming alloy with high rate of chromium

GORE 3826-SPL is recommended for applications involving severe abrasion with mild to moderate impact.

Hardness: 54-58 Rc

Thickness: 2-3 layers

Available Sizes: 1.2mm 1.6mm

产品型号 GORE 3832-SPL

概述

高铬碳化物硬面合金焊丝。

用途

主要用于承受严重的磨耗及适度的冲击的部件的表面涂层堆焊。

技术参数

焊后硬度: HRC 55-60

焊接厚度: 1-2 层

规格: 1.2mm 1.6mm

GORE 3832-SPL is a commonly used carbide forming alloy with high rate of chromium

GORE 3832-SPL is recommended for applications involving severe abrasion with mild to moderate impact.

Hardness: 55-60 Rc

Thickness: 1-2 layers

Available Sizes: 1.2mm 1.6mm

产品型号 GORE 3100

概述

主要以铬, 钼及其它微量元素设计的铁基硬面合金焊丝。

用途

主要用于石油钻杆耐磨带的焊接, 焊后表面无裂纹, 适用于金属与土砂间的严重磨耗。

技术参数

焊后硬度: HRC 50-55

规格: 1.6mm

Alloy welding wire mainly made up of chromium, molybdenum and other microelements

Mainly used for the welding of petroleum drill pipe wearproof part. No crack on surface after welding makes it suitable for the welding of part serious worn by friction between metal and sand and stones.

Hardness: 55-55 Rc

Available Sizes: 1.6mm

产品型号 GORE 3300

概述

主要以铬, 钼及其它微量元素设计的铁基硬面合金焊丝。

用途

主要用于石油钻杆耐磨带的焊接, 焊后表面无裂纹, 适用于苛刻环境下金属与土砂间的严重磨耗

技术参数

焊后硬度: HRC57-62

规格: 1.6mm

Alloy welding wire mainly made up of chromium, molybdenum and other microelements

Mainly used for the welding of petroleum drill pipe wearproof part. No crack on surface after welding makes it suitable for the welding of part serious worn by friction between metal and sand and stones in harsh environment.

Hardness: 57-62 Rc

Available Sizes: 1.6mm



盾构机易磨损部位



石油钻杆耐磨带