

Hot Working Tool Steels Hitachi

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~~Hot Work Tool Steel Hitachi Metals America offers three primary products designed to increase efficiency for Die Casting tooling applications for High Pressure Die Casting; DAC P Premium H13 Meeting NADCA Class B, our DAC P has higher-than-required impact values and third party laboratory testing validations.~~

~~Specialty & Tool Steel Tool Steels~~ ~~Hot Work Tool Steel ...~~

HOT WORKING TOOL STEELS DAC DAC3 DAC10 DAC40 DAC55 YEM-K MDC-K DAC45 YXR3 YXR33 DM FDAC SKD61 - - - - - SKT4 - General-purpose hot-working tool steel used in a wide range of applications. A hot-working tool steel which has improved hardenability and greater toughness than DAC, and helps avoid cracking in hot-working press dies, high-hardened Al extrusion dies.

~~HOT WORKING TOOL STEELS~~ ~~Hitachi Metals~~

Free cutting hot work tool steel (supplied in prehardened condition) for dies of small production use or dies associated parts requiring good machinability. Hot work tool steel with excellent toughness, used for hammer forging dies, Aluminium forge dies, forging bolsters and extrusion die backers, etc.

~~Hot Work Tool Steels~~ ~~Hitachi Metals~~

Steels For Hot Working. Steels For Hot Working. Overview. Hitachi Metals has an assortment of grades of steel for forging molds made from YSS hot work tool steel to cater to a wide range of customer needs. Products Catalogs (PDF file) YSS Hot Working Tool Steels(PDF :) Inquiries. Tool Steel & Roll Business Unit. Contact Information.

~~Steels For Hot Working~~ ~~Hitachi Metals~~

Hot work tool steel with higher toughness and strength at elevated temperature than SKD7 for forging die of mass production use such as hot former. High strength hot work tool steel with higher toughness than SKD8 for high heat load applications such as Cu extrusion and Cu alloy die casting dies.

~~Hot Work Tool Steels~~ ~~Hitachi Metals~~

Specialty & Tool Steel The latest equipment gives shape to traditional techniques. Hitachi Metals America's high-quality special steels are mass-produced from carefully selected materials utilizing state-of-the-art equipment and technologies in melting, refining, hot working, cold working and heat treatment.

~~Specialty & Tool Steel~~ ~~Hitachi~~

Plastic Mold Steel. HI-PM Magic™ - YSS Advanced Plastic Mold Steel - 40HRC Pre-hardened Steel. Hitachi Metals has developed HI-PM Magic with a view of total cost reduction of resin product manufacturing. HI-PM Magic has a high durability and excellent machinability. Plastic Mold Steels Brochure (PDF format, 1350.0 kBytes) CENA-V Brochure (PDF format, 3270.0 kBytes)

~~Specialty & Tool Steel Tool Steels~~ ~~Plastic Mold ...~~ ~~Hitachi~~

Cold work tool steels High speed tool steels P/M High speed tool steels Grade Characteristics Main Application High-performance cold work tool steel attaining both extended die life and easy die fabrication. Cold work dies for high-tensile steels, SUS, mass production, and general use. Cold work die steel with high abrasion resistance for general

~~General Catalog of TOOL STEELS~~ ~~Hitachi Metals~~

tool steels hitachi metals, ltd. cold working tool steels cold working tool steels sld magic hot working tool steels die steels for die casting dac series plastic mold steels hpm series plastic mold steels cena1 high speed tool steels. 1 cold working tool steels. cold work tool steels

~~TOOL STEELS~~ ~~General Catalog of~~

High strength hot work tool steel with higher toughness than SKD8 for high heat load applications such as Cu extrusion and Cu alloy die casting dies. FDAC: Free cutting hot work tool steel (supplied in prehardened condition) for dies of small production use or dies · associated parts requiring good machinability. YXR33: Matrix-type high speed steel with high toughness. Excellent strength and wear resistance at elevated temperature and excellent erosion resistance. Steel for warm · hot ...

~~YASUGI SPECIALTY STEEL | Products | Materials for tools ...~~

According to the present invention, there are provided a tool steel for hot working containing, in weight percent, from 0.25 to 0.60% carbon, not more than 0.6% silicon, from 0.50 to 1.50% manganese, from 0.50 to 1.50% nickel, from 1.50 to 3.50% chromium, from 2.00 to 4.50% molybdenum, from 1.20 to 3.00% vanadium, from 0.50 to 5.00% cobalt, balance essentially iron and impurities; and a tool steel containing, in weight percent, from 0.25 to 0.60% carbon, not more than 0.60% silicon, from 0 ...

~~Tool steel for hot working~~ ~~HITACHI METALS, LTD.~~

File Type PDF Hot Working Tool Steels Hitachi Hot work tool steel with higher toughness and strength at elevated temperature than SKD7 for forging die of mass production use such as hot former. High strength hot work tool steel with higher toughness than SKD8 for high heat load applications such as Cu extrusion and Cu alloy die casting dies. Page 10/31

~~Hot Working Tool Steels Hitachi~~ ~~Orris~~

High-performance cold work tool steel attaining both extended die life and easy die fabrication. Cold work dies for high-tensile steels, SUS, mass production, and general use. Cold work die steel with high abrasion resistance for general use, excellent harden-ability and minimal quench stress. Cold work dies for general use, forming roll, shear ...

~~Cold Work Tool Steels~~ ~~Hitachi Metals~~

Diehl Tool Steel Inc. has always processed custom centerless ground and hollow bar steel products. Non-standard sizes and special tolerances are our specialties. In today ' s busy manufacturing environment tool shops and machine shops are routinely challenged with very demanding schedules and lead times.

~~Diehl Tool Steel, Inc. | Tool Steel & Hitachi Specialty ...~~

Hot Work Tool Steels - Hitachi Metals Free cutting hot work tool steel (supplied in prehardened condition) for dies of small production use or dies associated parts requiring good machinability. Hot work tool steel with excellent toughness, used for hammer forging dies, Aluminium forge dies, forging bolsters and extrusion die backers, etc. Page 6/11

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HOT WORKING TOOL STEELS - Hitachi Metals Hot Work Tool Steel Hitachi Metals America offers three primary products designed to increase efficiency for Die Casting tooling applications for High Pressure Die Casting; DAC P Premium H13 Meeting NADCA Class B, our DAC P has higher-than-required impact values and third party laboratory testing validations.

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Tool steel comparison chart, compare difference maker and standard. plastic mould steel, hot work steel, cold work steel, DIN, JIS, AISI, Assab, Bohler, Thyssen, Hitachi

~~Tool Steel grade equivalent table | Hot work steel | plastic ...~~

Tool Black® Liquid is formulated to be applied at room temperature and for most steels the room temperature process works great. Heating the product (to 130 degrees F max.) may help in the blackening of high speed steels. Can hot parts be immersed in Tool Black® Liquid? Normally, it is not recommended.

~~Tool Black®~~ ~~Precision Brand Products, Inc.~~

For processing heavy metal. tools with high toughness and stength at elevated temperatures HSS with very high toughness and strength and wear resistance at high temperatures for warm and precision forgings. Higher toughness than H13 for hot forging and Al extrusion Processing heavy metal alloys. Very high strength hot working steels.

~~TOOL STEEL~~ ~~MATERIAL SELECTION GUIDE~~

Hot Work Tool Steel (H10 – H42) Dept. of Metallurgy and Materials FTUI University of Indonesia →Sifat Hot Hardness baik →memiliki elemen paduan pembentuk carbida yang stabil dan keras (tahan terhadap softening pada temp tinggi) → Total Kandungan Cr, Mo dan W = min. 5 % →Chromium Hot Work Tool Steel →Digunakan untuk logam dengan TL rendah ...