Dominial Tool steels

Die Forging

As one of the leading manufacturers of tool steels we offer hot work steels of special development quality under the brand name DOMINIAL.

These special products are the result of a close cooperation with our customers. The hot work tool steels have outstanding thermal and mechanical features and exceed demanding for the individual requirements of the die forging industries.

Overview of hot working tool steels

Analysis in %

Material	DIN	C	Si	Mn	Cr	Mo	Ni	V
USN 1.2343 (H11)	X 38 Cr Mo V 5-1	0,38	1,00	0,40	5,20	1,30		0,40
USD 1.2344 (H13)	X 40 Cr Mo V 5-1	0,40	1,00	0,40	5,20	1,30		1,00
RP 1.2365 (H10)	X 32 Cr Mo V 3-3	0,32	0,40	0,40	3,00	2,80		0,60
RPU 1.2367	X 38 Cr Mo V 5-3	0,38	0,40	0,40	5,00	2,80		0,60
Q10	KIND & CO Development	0,36	0,25	0,40	5,20	1,90		0,55
CR7V-L	KIND & CO Development	0,42	0,50	0,40	6,50	1,30		0,80
PWM 1.2714 (~L6)	56 Ni Cr Mo V 7	0,55	0,30	0,80	1,10	0,50	1,70	0,10
GSF	KIND & CO Development	0,28	0,30	0,70	2,80	0,60	1.00	0,40

Flexible delivery

Rough forged	Premachined	Finish machined
• annealed • heat treated	• annealed • heat treated	according to your needs

KIND&CO EDELSTAHLWERK

Traditional hot working tool steels and developments of KIND & CO

Die Forging

The main hot working tool steels

Tool steels used for forging presses:

Material	Toughness	High temperature strength	High temperature resistance
USN 1.2343 (H11)			
USD 1.2344 (H13)			
RP 1.2365 (H10)			
RPU 1.2367			
Q10			
CR7V-L			

Tool steels used for forging hammers:

Material	Toughness	High temperature strength	High temperature resistance
PWM 1.2714 (~L6)			
GSF			

MORE VALUE

- Innovative tool steels to guarantee a solid foundation
- Proprietary nitriding to optimize wear resistance
- Heat treatment technology to ensure the highest quality
- Application experience and machining services to provide the total package

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