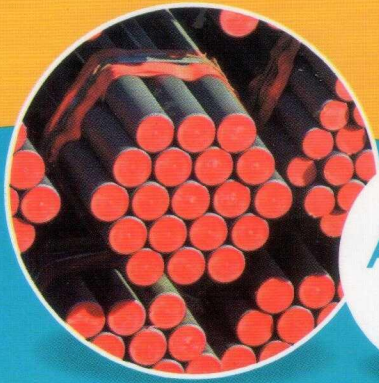




STORES SUPPLY (INDIA) AGENCY



ABOUT US

Stores Supply (India) Agency was incorporated in 1956 in the eastern city of Calcutta (now Kolkata) by Mr. Shyam Sundar Chowdhary. The company, since inception, has been into the business of import of Tool & Alloy Steels and prides itself as being a pioneer and a leading distributor of Tool Steel in the Indian market. Having commenced its activities in a controlled market regime, without any communication or information technology support, the company spread its wings fast with establishing offices at Delhi & Chennai and reaching out to customers with a pan Indian base.

The focus and thrust of the company has always been on quality imported products, thus helping customers meet international standards. The company prides itself in maintaining good relations with our customers by maintaining stocks as per their requirements and being able to satisfy them with timely deliveries and quality materials. We take the initiative in arranging direct interaction between the Manufacturer and the End User to enable both to understand each other's specific needs and quality parameters.

While striving to maintain the highest quality standards, we have also tried to strike a perfect balance on the cost front as well. In the course, we have built up a decent inventory of more than 2000 M/Ts. to cater to customers' needs off the shelf. This has resulted in customer backing us with regular and repeat orders over the years. We have developed our own cutting facility and adding few more machines for cutting of bigger sizes with higher accuracy. Our company has also tied up with some toolrooms for supplying material in machined condition as per customer's requirements.

Some of the most popular grades that we stock are:

- Hot Work Tool Speed - H-11, H-13, H-21, 1.2714, A-8MOD
- Cold Work Tool Steel (D-2, D-3, D-6, S-1, S-7, O-, SX105V)
- High Speed Steel - M-2, M-35, T-1, M-42
- Plastic Moulding Steel (1.2311, 1.2738, 1.2316, 1.2083ESR)
- Steel for Rolls for Cold Rolling (SAE 52100, K-310, 3% Chromium steel)
- Powder Metallurgy Grades (ASP-2023, ASP-2030)

This is obviously not an exhaustive list as several other products such as precipitation hardened grades like 17-4PH, newer generation D-2 grades like 1.2990 or QCM-8 etc. are also on offer.



**CHANNEL
PARTNERS**

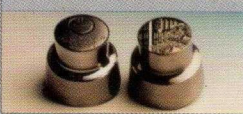
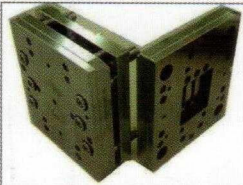
- Gloria Material Technology Corporation of Taiwan
- Sanyo Special Steel Co. Ltd. of Japan
- SeAH Metal Co. Ltd.
- Villares Metals
- Aichi Steel Corporation
- Hanwa Co. Ltd.
- Heye Special Steel Co. Ltd.



Cold work tool steels are normally used at room temperatures featuring good wear resistance, toughness and stability on dimensions. It is often seen that cold work tool steels often show dimensional bending after heat treatment.

The grades and their respective equivalents stocked by us are as below:

GRADES



American	W No.	JIS	Application
AISI D-2	1.2379	OCD-2	Sheet Metal Dies, Thread Rolling Dies, Tube Mill Rolls, Rolling Cutters, Punches, Knives
AISI D-3	1.2080		Stamping Dies, Blanking Dies, Tablet Dies, Rolling Cutters, Sheet Metal Dies, Tube Bending Dies
AISI O-1	1.2510		Tablet Dies, Gauges, Thermal Extrusion Dies, Paper Cutting Knives, Edible Punches
AISI O-7			High Resistant Paper Cutting Knives
AISI S-1	1.2550		Cutting Tools, Shearing Blades, Flat Cutters, Punches
AISI S-7	1.2355		Tablet Dies
SX105V	1.2108	HMD-5	High Application Sheet Metal Dies
		SKD-11	Thread Rolling Dies, Lamination Dies, Tube Bending Dies
	1.2767		
AISI D-6	1.2436		Roll Forming, Rolling Cutters

CHEMICAL COMPOSITION

Grades	C	Si	Mn	P	S	Cr	Mo	V	W	Co	Ni
AISI D-2	1.5	0.25	0.3	0.03max	0.03max	12.5	0.7	0.95			
AISI D-3	2.1	0.3	0.3	0.03max	0.03max	12.5					
AISI O-1	0.9	0.3	1.2	0.03max	0.03max	0.5		0.2	9.5		
AISI O-7	1.2	0.6	1	0.03max	0.03max	0.65	0.3	0.4	1.6		
AISI S-1	0.5	0.35	0.3	0.03max	0.03max	1.6	0.4	0.25	2.3		
AISI S-7	0.5	0.7	0.7	0.03max	0.03max	3.3	1.6	0.25			
SX105V	0.7	1	1			1.2	0.2				
SKD-11	1.5	0.3	0.5			12.5	1.2	0.4			
1.2767	0.43	0.26	0.35			1.35	0.2				4.1
AISI D-6	2.15	0.25	0.3			11.5			0.7		



HIGH SPEED STEEL

High Speed Steels are high-performance special steels offering high hardness at temperatures up to 500°C and high wear resistance, thanks to alloying elements like tungsten, molybdenum, vanadium and chromium which are able to form carbides. To improve hot hardness, cobalt may also be added.

The grades and their respective equivalents stocked by us are as below:

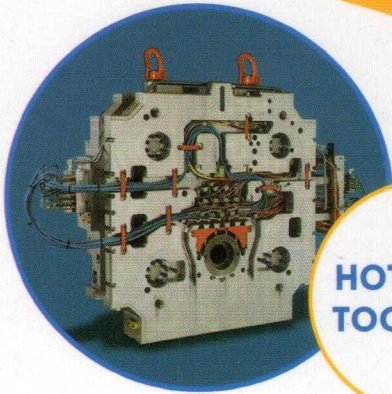


GRADES

American	W No.	JIS	Application
AISI M-2	1.3343	SKH 51	Reamers, Drills, Taps, Punches, Hob cutters, Broaches, Cold Forging Die, saw blades
AISI M-35	1.3243	SKH 55	Gear Shaving Cutters, Hob Cutters, Reamers, Drills, end mills, milling cutters
AISI M-42	1.3247	SKH 59	Cold Heading Dies, Punches, Saw Blades, KO Pins, Reamers, Drills
AISI T-1	1.3355	SKH 2	Hand Tool Industries, lathe tools, knurling tools, milling cutters, reamers, thread cutting tool
ASP 2023	1.3395	SKH 52	Broaches, Cold Forging Die, Punches, Blanking Dies, Stamping Dies,
ASP 2030	1.3294	SKH 56	Gear Shaving Cutters, Reamers, Taps, Hob Cutters, Broaches, Stamping Dies, Drills

CHEMICAL COMPOSITION

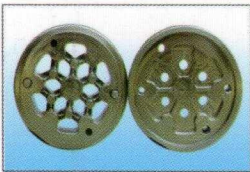
Grades	C	Si	Mn	P	S	Cr	Mo	V	W	Co	Ni
AISI M-2	0.9	0.45	0.4			4.1	5	1.9	6.4		
AISI M-35	0.92	0.45	0.4			4.1	5	1.9	6.4	4.8	
AISI M-42	1.05	0.75	0.38			3.95	9.3	1.25	1.45	8	
AISI T-1	0.8	0.5	0.35			4.05		1.05	17.9		
ASP 2023	1.2	0.75	0.5			4	4.7	2.7	6.1	1	
ASP 2030	1.2	0.75	0.5			4	4.7	2.95	6.1	8.2	



HOT WORK TOOL STEEL

Hot Work Tool Steels include tool steels which adopt a constant temperature about 200°C during application. Consequently, hot work applications involve the usual stresses which tool steels are subjected to, plus thermal stresses due to the contact between tools and hot materials during forming.

The grades and their respective equivalents stocked by us are as below:



GRADES

American	W No.	JIS	Application
AISI H-13	1.2344	SKD 61	Aluminium Extrusion Dies, PDC Dies, HDPC Dies, GDC Dies, Hot shearing cutters,
AISI H-11	1.2343	SKD 6	Brass & Copper Extrusion Dies, Hot Forging Dies
AISI H-21	1.2581	SKD 5	Brass & Copper Extrusion Dies, Hot Forging Dies, Complicated Forging Tools
AISI L-6	1.2714		Hot Forging Dies, Pressing Dies
AISI A-8	1.2362		Hot shearing blades, Chipper knives

CHEMICAL COMPOSITION

Grades	C	Si	Mn	P	S	Cr	Mo	V	W	Co	Ni
AISI H-13	0.45	1	0.4			5.2	1.35	0.9			
AISI H-11	0.4	1.1	0.45			5	1.2	0.4			
AISI H-21	0.35	0.25	0.27			2.7		0.35	8.7		
AISI H-12	0.35	1.1	0.5			5.2	1.6	0.4	1.7		
AISI L-6	0.5	0.27	0.8			1.05	0.5	0.1			1.6
AISI A-8	0.78	0.9	0.55			5.3	1.3	0.5	1.1		0.25



PLASTIC MOULDING STEEL

Pre-hardened plastic mould steels are widely used for manufacturing mould for plastic because of their four main properties and characteristics:

- Wear Resistance
- Corrosion Resistance
- Mirror Finishability
- Surface Workability

These steels are quenched and tempered before being manufactured into mould for plastic, therefore the deformation and cracking of mould resulted from heat treatment can be avoided.

The grades and their respective equivalents stocked by us are as below:



GRADES

American	W No.	JIS	Application
AISI P-20	1.2311		Die holder, shoe blocks, recipient sleeves, pressure casting moulds, plastic mould frame
AISI P-20+Ni	1.2738		High strength mould plate, large scale mould, Mould for semitransparent & glossy products Moulds working in humid conditions, high wear resistance moulds, medical component mould
	1.2083		
	1.2316		Extrusion tools, moulding of corrosive material, die-casting moulds, pet preform moulds

CHEMICAL COMPOSITION

Grades	C	Si	Mn	P	S	Cr	Mo	V	W	Co	Ni
1.2311	0.42	0.3	1.55			2	0.25				
1.2738	0.42	0.3	1.55			2	0.25				1
1.2316	0.4	1.05	1.1			15.8	1.2				1
1.2083	0.45	1.05	0.95	13.5							



STORES SUPPLY (INDIA) AGENCY

705, Akashdeep Building,
26-A, Barakhamba Road,
New Delhi-110 001

PH : +91 - 11 - 23753390 - 91 / 23738542 / 43528793

FAX : +91 - 11-23713706

E-MAIL : info@storessupply.com / sales@storessupply.com

WEBSITE : www.storessupply.com