



Latrobe Specialty Steel Distribution

Products &
Services

**CPM® HIGH PERFORMANCE
POWDER METALLURGY
STEEL FROM CRUCIBLE
INDUSTRIES**

TOOL STEEL ROUNDS

**TOOL STEEL PLATE, FLATS
AND SQUARES**

**HIGH SPEED AND TOOL
STEEL SHEET**

HIGH SPEED ROUNDS

ALLOY STEEL

CARBON STEEL

MOLD STEEL



**Latrobe Specialty
Steel Distribution**

Latrobe Specialty Steel Distribution continues to service North America's tooling needs with the most comprehensive value-added processing capabilities, extensive inventories, consistent high-quality materials, reliable deliveries from stock and nationwide coverage from our regional warehouses and independent Distributor-Partners.

Latrobe Specialty Steel Distribution provides unmatched access to steel making expertise to assure you the highest quality material. The Aerospace Alloys Technologies and Tool Steel know-how of Latrobe Specialty Steel are at your service to help you solve the most challenging metallurgical problem, or assist you in more routine application inquiries.

Latrobe Specialty Steel Distribution and Crucible Industries signed a partnership agreement in 2010 to market Crucible's legendary CPM® high-performance powder metallurgy steels throughout North America.

Crucible brings 40 years of CPM® product development and manufacturing expertise to the new endeavor. Latrobe Distribution will leverage its distribution system, extensive sawing and machining capabilities, and nationwide network of independent Distributor-Partners to provide the broadest available inventories, technical support, and value-added services.

Whether you need higher quality steels, value-added processing or technical help, we'll be here. At Latrobe Specialty Steel Distribution, our only business is adding value to yours.

LATROBE SPECIALTY STEEL DISTRIBUTION CAPABILITIES

NORTH AMERICAN COVERAGE



Over 500,000 square feet of warehousing and value-added processing from five regional loca-

tions and nationwide independent Distributor-Partners.

VALUE-ADDED SERVICES

Latrobe Specialty Steel Distribution is committed to providing you with the widest range of value-added services.

Sawing

More than 100 cut-off saws, up to 52 inch diameter to handle any cutting requirement.

CNC Production Sawing

High productivity, close tolerance, high surface finish sawing with our Nishijimax NCH-150 and NCH-120.

Plate Sawing

25 plate saws, including 16 cold saws for high accuracy and the highest surface finish.

Hollow Bar

Three engine lathes, eight turret lathes, five CNC lathes, and trepanning to service your O.D. and I.D. requirements.



CNC Machining

Computer-controlled machining and turning to supply close tolerance, semi-finished products to save you time and money. Milling, grinding, heat treating, and JIT services are also available



Tool Steel, Alloy, and Stainless Steel Plate and Sheet

Grade	Minimum Thickness	Maximum Thickness
A2	0.032	10.000
A7 (A7Mod)	0.060	2.500
A8	0.500	4.000
A10 "Graph Air"	0.500	4.000
Chipper Knife	0.375	2.000
D2	0.036	12.000
H13	0.250	12.000
L6	0.375	4.000
O1	0.045	6.000
O6 "Graph-Mo"	0.500	4.000
S5	0.375	3.000
S7	0.138	8.000
Vertex	0.500	10.000
4140 Annealed	0.250	6.000
4142 Heat Treated	0.250	6.000
420ESR SS	0.500	12.000
440C SS	0.065	2.125

Cold Work Tool Steel Rounds

Grade	Minimum Diameter	Maximum Diameter
A2	0.125	28.000
A2 ESR	8.000	24.000
A6	0.500	12.000
A8 Mod "Chipper"	6.000	20.000
A8 "MGR"	0.500	5.000
A9	0.750	8.500
A10 "Graph Air"	0.375	12.000
D2	0.250	34.000
D3	0.500	8.000
D7	0.500	7.000
L6	0.500	16.000
O1	0.250	26.000
O6 "Graph-Mo"	0.250	20.000
PGK/Lescowear	0.500	8.000
S5	0.375	18.000
S7	0.250	24.000
Vertex	0.500	8.000

Powder Metallurgy and High Speed Plate and Sheet

Grade	Minimum Thickness	Maximum Thickness
CPM 10V	0.042	8.500
M2	0.031	4.000
CPM M4	0.500	8.500
CPM REX 76	0.625	2.000
CPM 9V	0.750	5.187
CPM 3V	0.500	5.000
CPM T15	0.500	4.000
CPM 1V	1.000	5.000
CPM 15V	0.500	5.000
CPM S90V	1.000	5.000

Powder Metallurgy and High Speed Steel Rounds

Grade	Minimum Diameter	Maximum Diameter
CPM 10V	0.250	15.000
M2	0.125	10.125
CPM M4	0.250	15.000
CPM 9V	0.500	15.000
CPM 3V	0.500	15.000
CPM T15	0.250	15.000
CPM 1V	1.000	15.000
CPM REX 45	0.265	7.125
CPM REX 76	0.500	6.562
CPM 15V	0.500	8.125
CPM S90V	0.750	10.125

Hot Work, Mold and Stainless Steel Rounds

Grade	Minimum Diameter	Maximum Diameter
H10M (2% Cobalt)	2.500	8.500
H13	0.250	34.000
H13 ESR	4.500	14.500
P20	1.000	12.000
Viscount 44	0.500	10.000
420 ESR SS	0.500	14.500
440C SS	1.000	6.250
17-4 SS	1.000	7.000
2367	1.500	14.000
2714 Heat Treated	3.500	26.000

Alloy and Carbon Rounds

Grade	Minimum Diameter	Maximum Diameter
Hot Rolled		
4140 Heat Treated	1.000	7.000
4140 Annealed	1.000	7.000
Smooth Turned		
4140 HT (Brake Die)	1.000	7.000
Rough Turned		
2714 Heat Treated (38/42HRC)	2.500	26.000
4150 Annealed	6.000	34.000
4150 Heat Treated	8.000	34.000
4340 Annealed	5.000	32.000
4340 Heat Treated	8.000	32.000
8620 Annealed	8.000	24.000

