NORTHERN FABRICATORS



SHEET METAL CATALOG

51 Victor Heights Pkwy
Rochester, NY 14564

Phone: 585.426.0891
Fax: 585.429.9843
sales@northernfabricators.com

www.northernfabricators.com

About Us

Northern Fabricators is a Rochester, NY - based company specializing in custom sheet metal and structural steel fabrication. Our top priority is exceeding customer expectations through precision, quality, and service.

All of our work is completed in-house by highly skilled fabricators and welders who are proud to be members of the Local 46 Sheet Metal Workers Union. We offer a wide range of custom parts in various metal gauges, crafted with expert care and attention to detail.

Our services include custom welding, metal fabrication and unique, one-of-a-kind design solutions. Whether your project is large or small, our experienced team is ready to bring your vision to life.

Visit us at www.northernfabrications.com to learn more about how we can support your next sheet metal project.

Northern Fabricators is proud to be a part of the following associations:

Contact Us

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Victor, NY 14564

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Products

> All gauges conform to SMACNA standards

Spiral Pipe

> We stock 3" - 24" (see below) made from 26 gauge G90 Galvanized
> Custom sizes available up to 48"
> Custom available in Galvanized, Galvannealed, Aluminum, Stainless, Perforated & PVS
> Custom oval spiral pipe available
> Contact sales@northernfabricators.com for your custom quote

Spiral Pipe (26GA Galv) - Yellow Label	
Item Code	**Description**
101903-GA	3" Spiral Pipe GAL-10' Length
101904-GA	4" Spiral Pipe GAL-10' Length
101905-GA	5" Spiral Pipe GAL-10' Length
101906-GA	6" Spiral Pipe GAL-10' Length
101907-GA	7" Spiral Pipe GAL-10' Length
101908-GA	8" Spiral Pipe GAL-10' Length
101909-GA	9" Spiral Pipe GAL-10' Length
101910-GA	10" Spiral Pipe GAL-10' Length
101912-GA	12" Spiral Pipe GAL-10' Length
101914-GA	14" Spiral Pipe GAL-10' Length
101916-GA	16" Spiral Pipe GAL-10' Length
101918-GA	18" Spiral Pipe GAL-10' Length
101920-GA	20" Spiral Pipe GAL-10' Length
101922-GA	22" Spiral Pipe GAL-10' Length
101924-GA	24" Spiral Pipe GAL-10' Length



Sheet Metal Fittings

Couplings (small end/small end) - 22GA	
Item Code	**Description**
102003-GA	03" Galvanized Coupling
102004-GA	04" Galvanized Coupling
102005-GA	05" Galvanized Coupling
102006-GA	06" Galvanized Coupling
102007-GA	07" Galvanized Coupling
102008-GA	08" Galvanized Coupling
102009-GA	09" Galvanized Coupling
102010-GA	10" Galvanized Coupling
102012-GA	12" Galvanized Coupling
102014-GA	14" Galvanized Coupling
102016-GA	16" Galvanized Coupling
102018-GA	18" Galvanized Coupling
102020-GA	20" Galvanized Coupling
102022-GA	22" Galvanized Coupling
102024-GA	24" Galvanized Coupling



A-Collar	
Item Code	**Description**
102204	4" TAB COLLAR CRIMPED
102206	6" TAB COLLAR CRIMPED
102208	8" TAB COLLAR CRIMPED
102210	10" TAB COLLAR CRIMPED
102212	12" TAB COLLAR CRIMPED
102214	14" TAB COLLAR CRIMPED
102216	16" TAB COLLAR CRIMPED
102218	18" TAB COLLAR CRIMPED
102220	20" TAB COLLAR CRIMPED



Stamped 90° Elbows

Item Code	Description
1010039024	3" 90° 1.5 Stmpd Elbow-24 GA
1010049024	4" 90° 1.5 Stmpd Elbow-24 GA
1010059024	5" 90° 1.5 Stmpd Elbow 22GA
1010069024	6" 90° 1.5 Stmpd Elbow 22GA
1010079024	7" 90° 1.5 Stmpd Elbow 22GA
1010089022	8" 90° 1.5 Stmpd Elbow 22GA
1010099022	9" 90° 1.5 Stmpd Elbow 22GA
1010109022	10" 90° 1.5 Stmpd Elbow 22GA
1010129022	12" 90° 1.5 Stmpd Elbow 22GA



Stamped 45° Elbows

Item Code	Description
1010034524	3" 45° 1.5 Stmpd Elbow-24 GA
1010044524	4" 45° 1.5 Stmpd Elbow-24 GA
1010054524	5" 45° 1.5 Stmpd Elbow 22GA
1010064524	6" 45° 1.5 Stmpd Elbow 22GA
1010074524	7" 45° 1.5 Stmpd Elbow 22GA
1010084524	8" 45° 1.5 Stmpd Elbow 22GA
1010094524	9" 45° 1.5 Stmpd Elbow 22GA
1010104522	10" 45° 1.5 Stmpd Elbow 22GA
1010124522	12" 45° 1.5 Stmpd Elbow 22GA



Gored 45° Elbows (24GA)

Item Code	Description
10141445-GA	14" 45° Gored Elbow
10141645-GA	16" 45° Gored Elbow
10141845-GA	18" 45° Gored Elbow
10142045-GA	20" 45° Gored Elbow
10142245-GA	22" 45° Gored Elbow
10142445-GA	24" 45° Gored Elbow



Gored 90° Elbows (24GA)

Item Code	Description
10141490-GA	14" 90° Gored Elbow
10141690-GA	16" 90° Gored Elbow
10141890-GA	18" 90° Gored Elbow
10142090-GA	20" 90° Gored Elbow
10142290-GA	22" 90° Gored Elbow
10142490-GA	24" 90° Gored Elbow



Adjustable Elbow (26GA)

Item Code	Description
101304	4" Adjustable Elbow
101306	6" Adjustable Elbow
101308	8" Adjustable Elbow
101310	10" Adjustable Elbow
101312	12" Adjustable Elbow
101314	14" Adjustable Elbow
101316	16" Adjustable Elbow
101318	18" Adjustable Elbow
101320	20" Adjustable Elbow
101322	22" Adjustable Elbow
101324	24" Adjustable Elbow



Round off Round Tap w/ Damper (ATDRP)	
Item Code	**Description**
101804	4" Round off Round Tap
101806	6" Round off Round Tap
101808	8" Round off Round Tap
101810	10" Round off Round Tap
101812	12" Round off Round Tap
101814	14" Round off Round Tap



Round off Flat Tap w/ Damper (ATD)	
Item Code	**Description**
102304	4" Round off Flat Tap
102306	6" Round off Flat Tap
102308	8" Round off Flat Tap
102310	10" Round off Flat Tap
102312	12" Round off Flat Tap
102314	14" Round off Flat Tap



High Efficiency Take Off (HETO)	
Item Code	**Description**
101204	4" High Efficiency Take Off (HETO)
101206	6" High Efficiency Take Off (HETO)
101208	8" High Efficiency Take Off (HETO)
101210	10" High Efficiency Take Off (HETO)
101212	12" High Efficiency Take Off (HETO)
101214	14" High Efficiency Take Off (HETO)



Heavy Duty High Efficiency Take Off w/ Damper (HD HETO)	
Item Code	**Description**
101204OS	4" HD High Efficiency Take Off w/ Damper
101206OS	6" HD High Efficiency Take Off w/ Damper
101208OS	8" HD High Efficiency Take Off w/ Damper
101210OS	10" HD High Efficiency Take Off w/ Damper
101212OS	12" HD High Efficiency Take Off w/ Damper
101214OS	14" HD High Efficiency Take Off w/ Damper



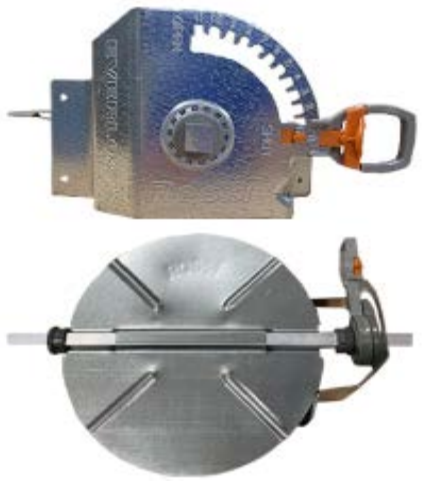
Sweep Tap With Volume Damper	
Item Code	**Description**
10150608VD	6" on 8" Sweep Tap w/ Damper
10150610VD	6" on 10" Sweep Tap w/ Damper
10150810VD	8" on 10" Sweep tap w/ Damper
10150812VD	8" on 12" Sweep Tap w/ Damper
10151012VD	10" on 12" Sweep Tap w/ Damper
10151014VD	10" on 14" Sweep Tap w/ Damper
10151214VD	12" on 14" Sweep Tap w/ Damper



Spun Reducer	
Item Code	**Description**
10270604	6" x 4" Spun Reducer
10270804	8" x 4" Spun Reducer
10270806	8" x 6" Spun Reducer
10271006	10" x 6" Spun Reducer
10271008	10" x 8" Spun Reducer
10271208	12" x 8" Spun Reducer
10271210	12" x 10" Spun Reducer
10271410	14" x 10" Spun Reducer
10271412	14" x 12" Spun Reducer
10271612	16" x 12" Spun Reducer
10271614	16" x 14" Spun Reducer
10271814	18" x 14" Spun Reducer
10271816	18" x 16" Spun Reducer
10272016	20" x 16" Spun Reducer
10272018	20" x 18" Spun Reducer
10272218	22" x 18" Spun Reducer
10272220	22" x 20" Spun Reducer
10272420	24" x 20" Spun Reducer
10272422	24" x 22" Spun Reducer



Volume Dampers	
Item Code	**Description**
101704HD	4" Volume Damper
101706HD	6" Volume Damper
101708HD	8" Volume Damper
101710HD	10" Volume Damper
101712HD	12" Volume Damper
101714HD	14" Volume Damper
101716HD	16" Volume Damper



End Caps	
Item Code	**Description**
101104	4" End Cap
101106	6" End Cap
101108	8" End Cap
101110	10" End Cap
101112	12" End Cap
101114	14" End Cap
101116	16" End Cap
101118	18" End Cap
101120	20" End Cap
101122	22" End Cap
101124	24" End Cap



Additional Items we carry:

As a distrubutor for Gripple, we have access to all Gripple products.

We keep the following in stock:

#2 - 5' Loop End - Express
#2 - 10' Loop End - Express
#2 - 15' Loop End - Express
#2 - 20' Loop End - Express
#2 - 30' Loop End - Express
****Other styles available with a standard 5-day lead time*
Check out www.Gripple.com for more information

Hanger Strap Bundles

1" x 5' 22GA Galv Hanger Strap Bundles
1" x 10' 18GA Galv Hanger Strap Bundles

Blast Gates, Angle Rings, Accuflanges, Duct Seal & much more!

Services Offered:

Custom Sheet Metal & Duct Fabrication
Sub-Assembly
Oval Duct
Double-Wall Duct
Field Measuring
BIM Coordination Drawings

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GAUGE & WEIGHT CHART

GAUGE	SHEET STEEL		GALANIZED STEEL		STAINLESS STEEL		ALUMINUM	
	Gauge Decimal	Lbs. per Sqft	Gauge Decimal	Lbs. per Sqft	Gauge Decimal	Lbs. per Sqft	Gauge Decimal	Lbs. per Sqft
30	0.0120	0.500	0.016	0.656			0.0100	0.141
29	0.0135	0.563	0.017	0.719			0.0113	0.160
28	0.0149	0.625	0.019	0.781			0.0126	0.178
27	0.0164	0.688	0.020	0.844			0.0142	0.200
26	0.0179	0.750	0.022	0.906	0.0180	0.7560	0.0159	0.224
25	0.0209	0.875	0.025	1.031			0.0179	0.253
24	0.0239	1.000	0.028	1.156	0.0240	1.0080	0.0201	0.284
23	0.0269	1.125	0.031	1.281			0.0226	0.319
22	0.0299	1.250	0.034	1.406	0.0300	1.2600	0.0253	0.357
21	0.0329	1.375	0.037	1.531			0.0285	0.402
20	0.0359	1.500	0.040	1.656	0.0360	1.5120	0.0320	0.452
19	0.0418	1.750	0.046	1.906			0.0359	0.507
18	0.0478	2.000	0.052	2.156	0.0480	2.0160	0.0406	0.569
17	0.0538	2.250	0.058	2.406			0.0453	0.639
16	0.0598	2.500	0.064	2.656	0.0600	2.5200	0.0508	0.717
15	0.0673	2.813	0.071	2.969			0.0571	0.806
14	0.0747	3.125	0.079	3.281	0.0750	3.1500	0.0641	0.905
13	0.0897	3.750	0.093	3.906			0.0720	1.016
12	0.1046	4.375	0.108	4.531	0.1050	4.4100	0.0808	1.140
11	0.1196	5.000	0.123	5.156	0.1200	5.0400	0.0907	1.280
10	0.1345	5.625	0.138	5.781	0.1350	5.6700	0.1019	1.438
9	0.1495	6.250	0.153	6.406			0.1144	1.614
8	0.1644	6.875	0.168	7.031	0.1650	6.9300	0.1285	1.813
7	0.1793	7.500			0.1874	7.8710	0.1443	2.036
6	0.1943	8.125					0.1620	2.286
5	0.2092	8.750						
4	0.2242	9.375						
3	0.2391	10.000						