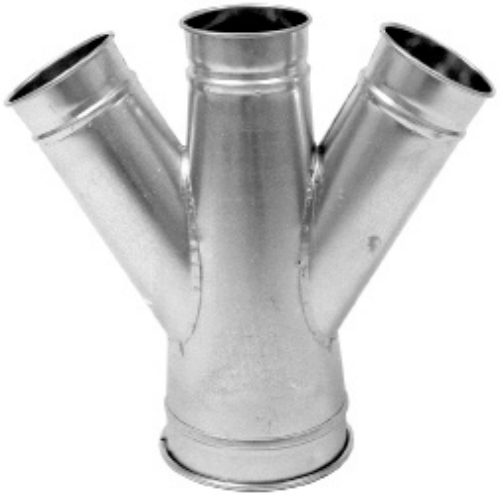
QF Double Branch
3226

TECHNICAL DATA

Size *In.*	Rolled Edge *(nom. in.)*	Length	Weight *Lbs*	Galvanized Steel				304SS (or 316SS)		
				22ga	20ga	18ga	16ga	22ga	20ga	18ga
3	0.2	QF or Raw ends: Length = B X 2 + 9" To manufacture, A - B must be greater to or equal to B - C and B must be greater than or equal to D (see illustration at lower right)	2.32	Std		Optional	Optional	Std		Optional
4	0.2		3.00							
5	0.2		3.75							
6	0.2		4.25							
7	0.3		5.00							
8	0.3		6.00							
9	0.3		7.25							
10	0.3		8.50							
11	0.3		9.25							
12	0.4		10.75							
13	0.4		11.40		Std				Std	
14	0.4		13.50							
15	0.4		15.60							
16	0.4		17.56							
17	0.4		19.00							
18	0.4		21.00							
19	0.4		25.00							
20	0.4		30.00							
21	0.4		35.00							
22	0.4		39.50							
23	0.4		47.00							
24	0.4		53.50							
25	Angle Flange (AF)	Angle Flange or Flat Flange ends: Length = B X 2 + 15" To manufacture, A - B must be greater to or equal to B - C and B must be greater than or equal to D	63.00			Std				Std
26	AF		74.00							
27	AF		81.00							
28	AF		98.00							
29	AF		107.00							
30	AF		117.05							
31	AF		121.00							
32	AF		125.94							
33	AF		130.00							
34	AF		134.83							
35	AF		138.00							
36	AF		142.78							
37	AF		148.00							
38	AF		153.47							
39	AF		158.00							
40	AF		162.81							



Note:
Reference Nordfab QF Machine Adapter Technical Data sheet for actual ID and OD dimensions of collars.

Construction
Seam: longitudinal seam is lapped, spot welded, and caulked.
Collars: located on the exterior side of each port and considered as air flow non-directional. Collars have a laser welded longitudinal seam. If air flow directional product is required, requirement must be stated on the PO and additional cost may be incurred. A raised lap seam and spot weld are used for attaching the collar to the body and no caulking is used. If caulking is required, additional cost may be incurred.

Ends
Standard QF end can be changed to Raw ID (RAWID), Raw OD (RAWOD), No Fitting (NF), Hose Adapter (RAWFLEX), Flat Flange (FFL), Angle Flange (ANGFL), or Van Stone (VANSTONE).

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TECHNICAL DATA

Temperature Rating of Product Components						
° F	QF Dougle Branch		Sealants			
1100°		**Optional** - 304SS				
500°					**Optional** - Red Devil HVAC/R High Temperature Silicone Sealant	
390°	Galvanized Steel					
250°			3M Scotch Seal Metal Sealant 2084	**Optional** - Rock River Silicone Sealant		**Optional** - Epoxy - 3M DP 125 Gray Sealant
194°						
0°						
-40°						
-60°						

Additional Notes
At temperatures ranging between 390° F and 480° F, the zinc-iron alloy layers in galvanized steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is 390° F.
Rock River Silicone Sealant and Red Devil HVAC/R High Temperature Silicone Sealant are not paintable
304SS: bluing may occur at 800° F and above

Compliance / Rating of Product Components		
Product	**Material**	**Compliance / Rating**
QF Double Branch	Galvanized	ASTM A653 with a G-90 rating
	304SS	Finish meets ASTM A240
	316SS	Finish meets ASTM A240
3M Scotch Seal Metal Sealant 2084	Acetone blend	AAMA Specification 801.1
Rock River Sealant	100% Silicone	ASTM C920 Class 25, TT-S-00230C Class A and TT-S-001543A, FDA No 421 CFR 117.2600, conforms to FDA requirements
Red Devil HVAC/R High Temperature Sealant	Silicone	ASTM C920 Class 25, TT-S-00230C Class A and TT-S-001543A, CEBTP 432.6 140-2, Mil Spec 46106A, CGSB 19C9-9B, DIN 18540 Part 2, OREX 150031-2