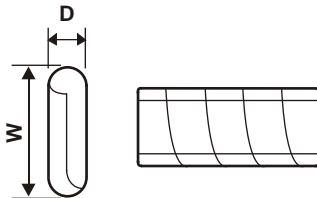




聯明LM[®] FLAT OVAL DUCT

聯明LM[®] Flat Oval Duct will easily in confined spaces. In addition, spiral duct installations are more efficient. Due to generally lower loss co-efficients of the round configuration versus square or rectangular duct and fittings of equal area. Also, the longer available lengths provide more efficiency due to the elimination of many of the field connections and resulting leakage found in conventional rectangular duct installations. A Complete line of fittings in 150 minor axis through 2385 major complete line of fittings are manufactured as required ot meet HVCA DW/144 Standard, base on major axis dimension.

FLAT OVAL DUCT



Sizes & Style
 Detail refer Flat Oval Duct chart
 0.8 to 1.2 mm thickness
 Galvanized
 Also Available in Aluminum, Stainless, upon request.

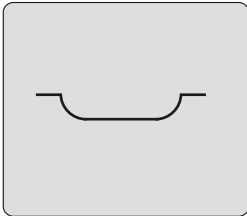


FLAT OVAL DUCT CHART

Nominal sheet thickness length	Depth of duct(minor axis-'D')-nominal									
	150	200	250	300	350	400	450	500		
0.8	mm	mm	mm	mm	mm	mm	mm	mm	mm	
			475	448	485	460	520	564	612	663
			550	520	572	543	600	640	625	700
			628	600	648	620	670	650	690	740
			705	682	727	700	680	720	740	820
			785	755	743	713	747	765	780	830
			799	770	805	780	795	797	847	983
			862	835	850	820	826	876	860	1135
1.0	mm	mm	913	880	885	855	910	895	1012	1305
			940	913	963	933	925	1040	1175	1455
			1018	990	983	955	1065	1199	1325	1490
			1040	1012	1125	1097	1227	1357	1476	1640
			1183	1154	1285	1252	1386	1505	1519	1695
1.2	mm	mm	1342	1313	1438	1410	1538	1548	1670	1770
			1495	1466	1600	1566	1576	1700	1726	1935
			1656	1620	1625	1604	1720	1755	1806	2085
			1689	1661	1780	1750	1783	1834	1962	2225
			1897	1869	1841	1812	1862	1996	2120	2385
			1976	1948	1920	1890	2015	2127	2256	
			2138	2110	2070	2052	2175	2290		

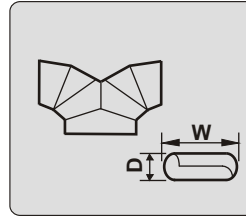


Hangers:



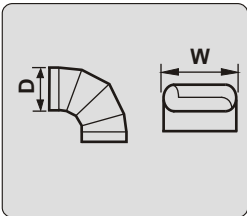
Sizes & Style
Detail refer Flat Oval Duct Chart

Segmented Twin Bend:



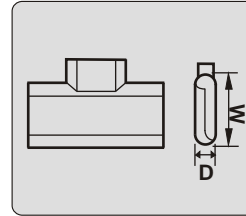
Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Also Available in Aluminum,
Stainless Steel, upon request.

90 Degree Segmented Bend:



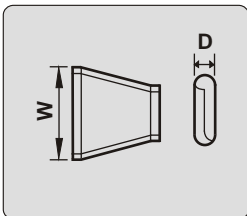
Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Other angles 60°, 45°, 30°
Also Available in Aluminum,
Stainless Steel, upon request.

Square Branch as illustrated:



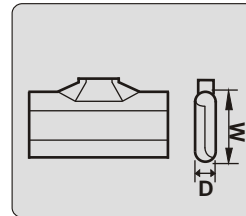
Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Also Available in Aluminum,
Stainless Steel, upon request.

Concentric Tapered Reducer:



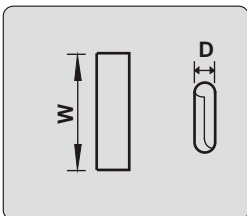
Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Eccentric also available
Also Available in Aluminum,
Stainless Steel, upon request.

Conical Branch:



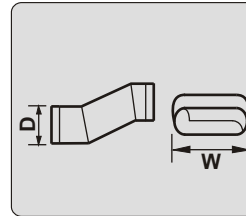
Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Also Available in Aluminum,
Stainless Steel, upon request.

End Plug:



Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Also Available in Aluminum,
Stainless Steel, upon request.



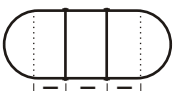
Offset:

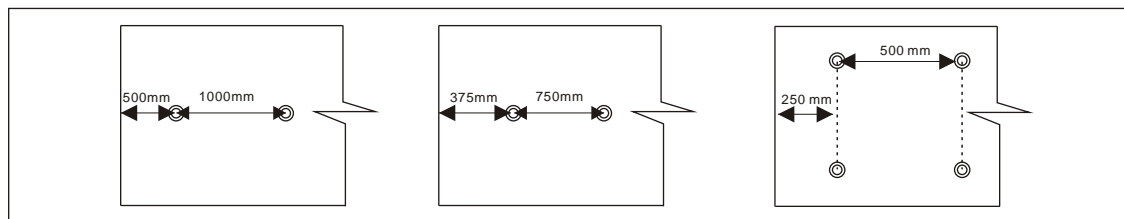


Sizes & Styles
Detail refer Flat Oval Duct Chart
Galvanized
Also Available in Aluminum,
Stainless Steel, upon request.



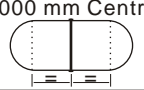
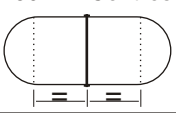
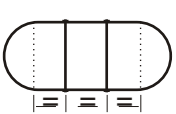
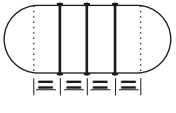
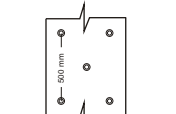

FLAT OVAL DUCTS - LOW & MEDIUM-PRESURURE - STIFFENING REQUIREMENTS

Tie Rods	Depth of duct(minor axis-'D')-nominal							
	150	200	250	300	350	400	450	500
Not Required	mm	mm	mm	mm	mm	mm	mm	mm
	475	448	485	460	520	564	612	663
	550	520	572	543	600	640	625	700
1000 mm Centres 	628	600	648	620	670	650	690	740
	705	682	727	700	680	720	740	820
	785	755	743	713	747	765	780	830
	799	770	805	780	795	797	847	983
750 mm Centres 	862	835	850	820	826	876	860	1135
	913	880	885	855	910	895	1012	1305
	940	913	963	933	925	1040	1175	1455
	1018	990	983	955	1065	1199	1325	1490
500 mm Centres 	1040	1012	1125	1097	1227	1357	1476	1640
	1183	1154	1285	1252	1386	1505	1519	1695
	1342	1313	1438	1410	1538	1548	1670	1770
	1495	1466	1600	1566	1576	1700	1726	1935
	1656	1620	1625	1604	1720	1755	1806	2085
	1689	1661	1780	1750	1783	1834	1962	2225
	1897	1869	1841	1812	1862	1996	2120	2385
1976	1948	1920	1890	2015	2127	2256		
2138	2110	2070	2052	2175	2290			





FLAT OVAL DUCTS - HIGH-PRESURURE - STIFFENING REQUIREMENTS

Tie Rods	Depth of duct(minor axis-'D')-nominal							
	150	200	250	300	350	400	450	500
Not Required	mm 475	mm 448	mm 485	mm 460	mm 520	mm 564	mm 612	mm 663
1000 mm Centres 	550	520	572	543	600	640	625	700
	628	600	648	620	670	650	690	740
750 mm Centres 	705	682	727	700	680	720	740	820
	785	755	743	713	747	765	780	830
	799	770	805	780	795	797	847	983
500 mm Centres 	862	835	850	820	826	876	860	1135
	913	880	885	855	910	895	1012	1305
	940	913	963	933	925	1040	1175	1455
  	1018	990	983	955	1065	1199	1325	1490
	1040	1012	1125	1097	1227	1357	1476	1640
	1183	1154	1285	1252	1386	1505	1519	1695
	1342	1313	1438	1410	1538	1548	1670	1770
	1495	1466	1600	1566	1576	1700	1726	1935
	1656	1620	1625	1604	1720	1755	1806	2085
	1689	1661	1780	1750	1783	1834	1962	2225
1897	1869	1841	1812	1862	1996	2120	2385	
1976	1948	1920	1890	2015	2127	2256		
2138	2110	2070	2052	2175	2290			

