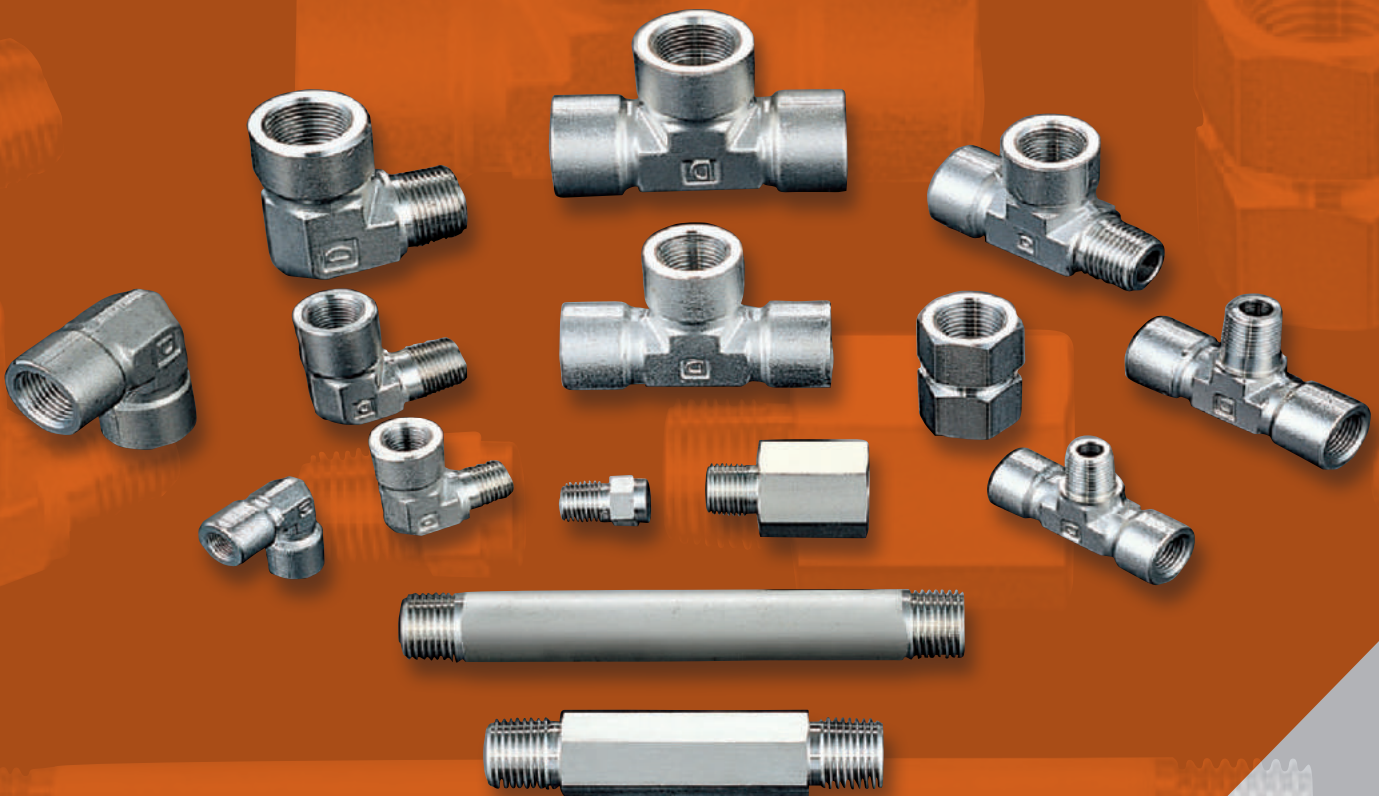


# DYCON INSTRUMENT PIPE FITTINGS



## Features

D-lok Pipe fittings have been specifically designed for use on instrumentation, process and control systems, equipment employed in chemical, petroleum, nuclear power generation, and pulp and paper plants. The D-lok Pipe fitting has also found extensive application in other fields where a very high quality Pipe fitting is required.

## Temperature Ratings

SS316	-325°F ~ 1200°F (-198°C ~ 648°C)
Brass	-325°F ~ 400°F (-198°C ~ 204°C)
Carbon steel	-20°F ~ 350°F (-29°C ~ 176°C)

PTFE tape apply to male threads limits the maximum temperature +450°F (232°C)

## Part Number Example & How to Order

### 1) ALL PORTS BOTH ENDS TYPE

DC	T	8N	SS316	DC	HRN	8	4N	BRASS
DYCON (Pipe Fitting)	Name of Fitting (DYCON TEE)	Pipe Thread Size	Material	DYCON (Pipe Fitting)	Name of Fitting (HEX REDUCING NIPLLE)	Pipe Thread Size	REDUCING Size	Material

### 3) ADAPTER TYPE

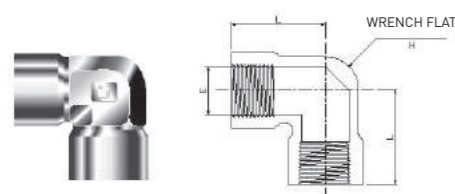
DC	RA	4	8N	STEEL
DYCON (Pipe Fitting)	Name of Fitting (REDUCING ADAPTER)	Female Pipe Thread	Pipe Thread	Material

## Pressure Ratings

Size Designator	PIPE Size	316 Stainless Steel				Brass				Carbon steel			
		Male		Female		Male		Female		Male		Female	
		Psig	bar	Psig	bar	Psig	bar	Psig	bar	Psig	bar	Psig	bar
2	1/8	10,000	689	6500	447	5000	344	3200	220	10,000	689	6500	447
4	1/4	8000	551	6600	454	4000	275	3300	227	8000	551	6600	454
6	3/8	7800	537	5300	365	3900	268	2600	179	7800	537	5300	365
8	1/2	7700	530	4900	337	3800	261	2400	165	7700	530	4900	337
12	3/4	7300	502	4600	316	3600	248	2300	158	7300	502	4600	316
16	1	5300	365	4400	303	2600	179	2200	151	5300	365	4400	303

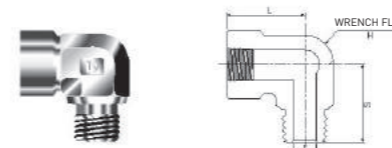
- Working pressures calculated are reference only
- Working pressures calculated as per process Piping Code ANSI B31.3 with allowable stress 20,000psi / SS316, 10,000psi / Brass, 20,000psi/Carbon steel and for working pressure in accordance with power Piping Code ANSI B31.1 simply calculate applying a factor of 94(94%) to above chart
- Due to larger outer diameter of female threads pressure ratings of female are lower than male threads
- To determine KPa, multiply psig by 6.89
- Pressure ratings of Hex Bushing(H-SHB) are not covered with this rating table therefore indicated in its dimensional table

### ELBOW (DCE) female NPT both ends.



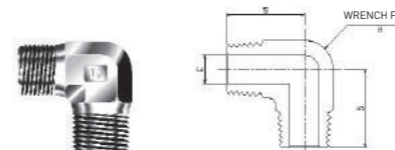
PART NO.	PIPE SIZE	L	E	WRENCH FLAT
DCE-2N	1/8	26.4	8.1	12.7
DCE-4N	1/4	28.9	10.6	17.46
DCE-6N	3/8	35.3	14.3	20.64
DCE-8N	1/2	38.8	17.5	25.4
DCE-12N	3/4	45.2	23.5	31.8
DCE-16N	1	48.52	29.7	42.9

### REDUCIGN STREET ELBOW (DCRSE) female to male NPT.



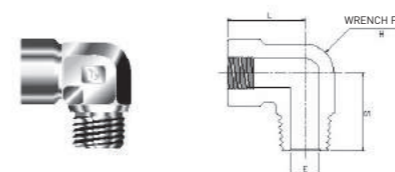
PART NO.	PIPE SIZE	MALE PIPE SIZE	L	S	E	WRENCH FLAT
DCRSE4-2N	1/4	1/8	29.0	22.4	4.8	17.46
DCRSE6-4N	3/8	1/4	34.5	28.2	7.1	20.64
DCRSE8-4N	1/2	1/4	37.0	30.5	7.1	25.4
DCRSE8-6N	1/2	3/8	37.0	30.5	9.6	25.4
DCRSE12-8N	3/4	1/2	46.5	39.6	11.9	31.8
DCRSE16-8N	1	1/2	48.8	44.5	11.9	42.9
DCRSE16-12N	1	3/4	48.8	44.5	15.7	42.9

### MALE ELBOW (DCME) male NPT bot ends.



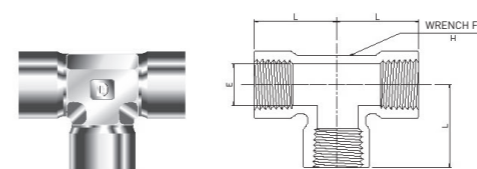
PART NO.	PIPE SIZE	S	E	WRENCH FLAT
DCME-2N	1/8	19.1	4.83	12.7
DCME-4N	1/4	27.0	7.11	15.8
DCME-6N	3/8	27.0	9.5	17.46
DCME-8N	1/2	34.2	11.9	20.64
DCME-12N	3/4	35.3	15.7	25.4
DCME-16N	1	44.5	22.4	31.8

### STREET ELBOW (DCSE) female to male NPT.



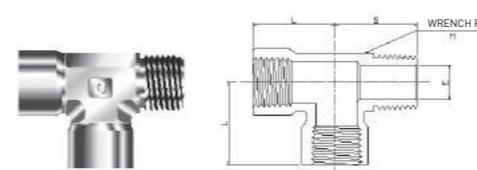
PART NO.	PIPE SIZE	L	S	E	WRENCH FLAT
DCSE-2N	1/8	26.4	19.8	4.8	12.7
DCSE-4N	1/4	28.9	28.9	7.11	17.46
DCSE-6N	3/8	35.3	33.0	9.45	20.64
DCSE-8N	1/2	38.8	35.3	11.94	25.4
DCSE-12N	3/4	45.2	42.8	15.7	31.8
DCSE-16N	1	48.5	49.3	22.4	42.9

### TEE (DCT) female NPT all ports.



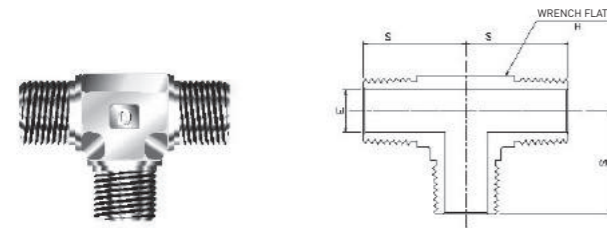
PART NO.	PIPE SIZE	L	E	WRENCH FLAT
DCT-2N	1/8	23.4	8.0	12.7
DCT-4N	1/4	28.9	10.6	17.46
DCT-6N	3/8	35.3	14.3	20.64
DCT-8N	1/2	35.8	17.4	25.4
DCT-12N	3/4	46.5	23.5	31.8
DCT-16N	1	48.5	29.7	42.9

### STREET TEE (DCST) female to male NPT.



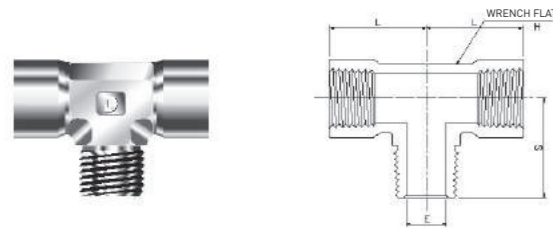
PART NO.	PIPE SIZE	L	S	E	WRENCH FLAT
DCST-2N	1/8	23.4	19.6	4.83	12.7
DCST-4N	1/4	28.9	28.9	7.11	17.46
DCST-6N	3/8	35.3	28.2	9.45	20.64
DCST-8N	1/2	35.8	35.3	11.94	25.4
DCST-12N	3/4	46.5	39.6	15.7	31.8
DCST-16N	1	48.8	49.3	22.4	42.9

MALE TEE (DCTM) male NPT all ports.



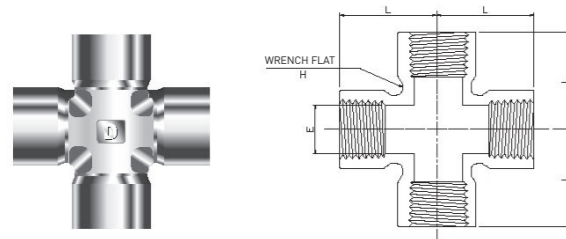
PART NO.	PIPE SIZE	S	E	WRENCH FLAT
DCTM-2N	1/8	19.1	4.83	12.7
DCTM-4N	1/4	25.4	7.11	15.8
DCTM-6N	3/8	26.7	9.65	17.46
DCTM-8N	1/2	33.3	11.9	20.64
DCTM-12N	3/4	35.3	15.7	25.4
DCTM-16N	1	44.5	22.4	31.8

BRANCN TEE (DCBT) female to female to male NPT.



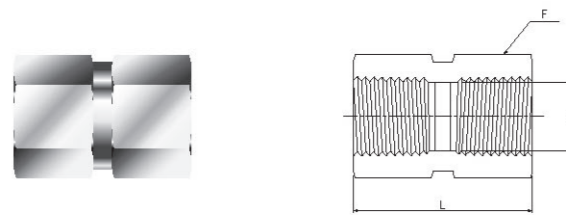
PART NO.	PIPE SIZE	L	S	E	WRENCH FLAT
DCBT-2N	1/8	23.4	19.6	4.83	12.7
DCBT-4N	1/4	28.9	28.9	7.11	17.46
DCBT-6N	3/8	35.3	30.2	9.4	20.64
DCBT-8N	1/2	35.8	35.3	11.94	25.4
DCBT-12N	3/4	46.5	39.6	15.7	31.8
DCBT-16N	1	48.5	49.3	22.4	42.9

CROSS (DCCS) female NPT all ports.



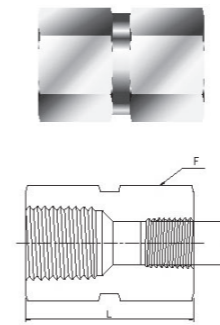
PART NO.	PIPE SIZE	L	E	WRENCH FLAT
DCCS-2N	1/8	26.4	8.3	12.7
DCCS-4N	1/4	28.9	10.7	17.46
DCCS-6N	3/8	35.3	14.1	20.64
DCCS-8N	1/2	38.8	18.2	25.4
DCCS-12N	3/4	46.5	23.5	31.8
DCCS-16N	1	48.5	29.7	42.9

HEX COUPLING (DCHCG) female NPT both ends.



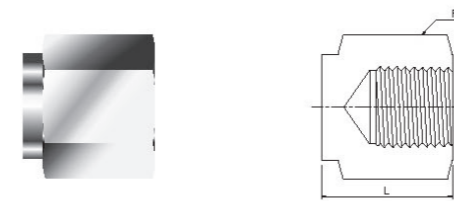
PART NO.	PIPE SIZE	L	E	F HEX
DCHCG-2N	1/8	20.3	8.6	14.28
DCHCG-4N	1/4	30.2	10.6	19.05
DCHCG-6N	3/8	33.2	14.3	22.22
DCHCG-8N	1/2	39.6	17.4	26.98
DCHCG-12N	3/4	41.1	22.7	31.75
DCHCG-16N	1	50.8	28.4	41.28

HEX REDUCING COUPLING (DCHRCG) female NPT to reduced female NPT.



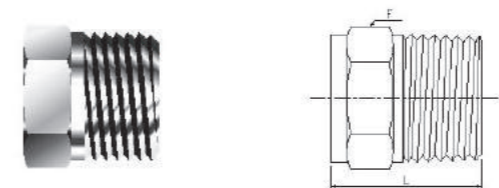
PART NO.	PIPE SIZE	REDUCED PIPE SIZE	L	E	F HEX
DCHRCG 4-2N	1/4	1/8	30.9	8.0	19.05
DCHRCG 6-N	3/8	1/4	35.1	11.4	22.22
DCHRCG 8-2N	1/2	1/8	39.4	8.64	26.98
DCHRCG 8-4N	1/2	1/4	44.4	10.6	26.98
DCHRCG 8-6N	1/2	3/8	45.2	14.1	26.98
DCHRCG 12-4N	3/4	1/4	45.7	11.4	31.75
DCHRCG 12-8N	1	1/2	50.8	11.4	41.28
DCHRCG 16-4N	1	1/4	55.6	18.5	41.28
DCHRCG 16-8N	1	1/2	57.2	23.8	41.28

PIPE CAP (DCC) female NPT.



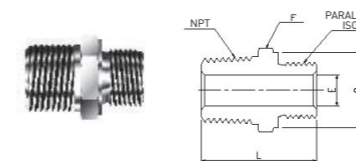
PART NO.	PIPE SIZE	L	F HEX
DCC-2N	1/8	19.1	14.28
DCC-4N	1/4	23.1	19.5
DCC-6N	3/8	26.2	22.22
DCC-8N	1/2	34.0	26.98
DCC-12N	3/4	36.6	31.8
DCC-16N	1	41.2	41.28

PIPE PLUG (DCP) male NPT.



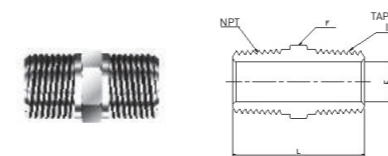
PART NO.	PIPE SIZE	L	F HEX
DCP-2N	1/8	19.1	11.11
DCP-4N	1/4	24.4	14.28
DCP-6N	3/8	25.2	17.46
DCP-8N	1/2	30.7	22.22
DCP-12N	3/4	30.7	26.98
DCP-16N	1	38.1	34.92

HEX NIPPLE (DCHN) male NPT to male ISO parallel.



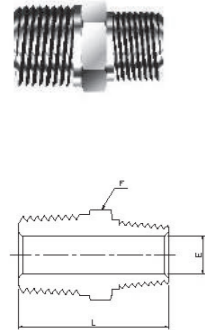
PART NO.	NPT THREAD SIZE	BSP/ISO THREAD SIZE	L	C	E	F HEX
DCHN-2NG	1/8	1/8-28 228/1	27.4	13.7	4.06	14.28
DCHN-4NG	1/4	1/4-19 228/1	36.8	18.5	5.8	19.05
DCHN-6NG	3/8	3/8-19 228/1	37.3	21.8	7.87	22.22
DCHN-8NG	1/2	1/2-14 228/1	46.7	26.7	11.9	26.98
DCHN-12NG	3/4	3/4-14 228/1	49.5	31.8	15.7	33.3
DCHN-16NG	1	1-11 228/1	57.9	39.6	19.8	41.28

HEX NIPPLE (DCHN) male NPT to male ISO tapered.



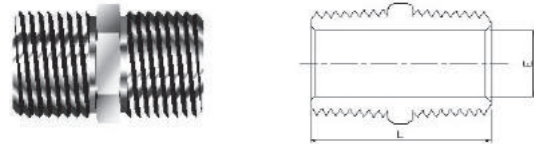
PART NO.	NPT THREAD SIZE	BSP/ISO THREAD SIZE	L	E	F HEX
DCHN-2NR	1/8	1/8-28 7/1	24.6	4.06	11.11
DCHN-4NR	1/4	1/4-19 7/1	35.3	7.11	14.28
DCHN-6NR	3/8	3/8-19 7/1	35.5	9.65	17.4
DCHN-8NR	1/2	1/2-14 7/1	46.7	11.9	22.22
DCHN-12NR	3/4	3/4-14 7/1	50.0	15.7	26.98
DCHN-16NR	1	1-11 7/1	58.7	22.4	34.92

HEX REDUCING NIPPLE (DCHR) male NPT to reduced male NPT.



PART NO.	PIPE SIZE	REDUCED PIPE SIZE	L	E	F HEX
DCHR 4-2N	1/4	1/8	30.9	4.83	14.28
DCHR 6-2N	3/8	1/8	32.0	4.83	17.46
DCHR 6-4N	3/8	1/4	35.7	7.11	17.46
DCHR 8-2N	1/2	1/8	37.3	4.83	22.22
DCHR 8-4N	1/2	1/4	41.3	7.11	22.22
DCHR 8-6N	1/2	3/8	41.3	9.5	22.22
DCHR 12-4N	3/4	1/4	46.4	7.11	26.98
DCHR 12-8N	3/4	1/2	46.1	11.9	26.98
DCHR 16-4N	1	1/4	49.3	7.11	34.92
DCHR 16-8N	1	1/2	54.1	11.9	34.92
DCHR 16-12N	1	3/4	54.1	15.7	34.92

CLOSE NIPPLE (DCCN) male NPT both ends.



PART NO.	PIPE SIZE	L	E
DCCN-2N	1/8	19.1	4.83
DCCN-4N	1/4	28.5	7.11
DCCN-6N	3/8	28.5	9.65
DCCN-8N	1/2	31.8	11.9
DCCN-12N	3/4	31.8	15.7
DCCN-16N	1	47.8	22.4

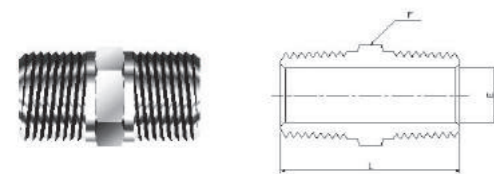
HEX LONG NIPPLE (DCHLN) male NPT both ends.



PART NO.	PIPE SIZE	L	E	F HEX
DCHLN-2N	1/8		4.1	11.11
DCHLN-4N	1/4		7.11	14.28
DCHLN-6N	3/8		9.65	17.46
DCHLN-8N	1/2		11.9	22.22
DCHLN-12N	3/4		15.7	26.98
DCHLN-16N	1		22.4	34.92

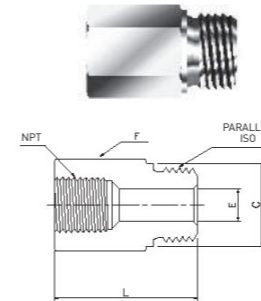
\*Specified length to be shown as designator in part number.  
Example : DCHLN-4N-2.00(2.00=2"length)

HEX NIPPLE (DCHN) male NPT both ends.



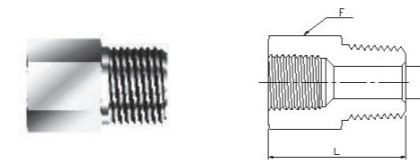
PART NO.	PIPE SIZE	L	E	F HEX
DCHN-2N	1/8	24.6	4.06	11.11
DCHN-4N	1/4	35.5	7.11	14.28
DCHN-6N	3/8	35.5	9.65	17.46
DCHN-8N	1/2	46.7	11.9	22.22
DCHN-12N	3/4	46.7	15.7	26.98
DCHN-16N	1	58.7	22.4	34.92

ADAPTER (DCA) female NPT to male ISO parallel.



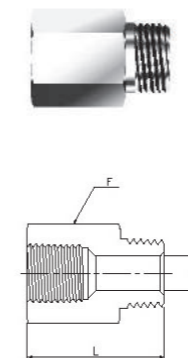
PART NO.	NPT THREAD SIZE	BSP/ISO THREAD SIZE	L	C	E	F HEX
DCA-2GN	1/8	1/8-28 228/1	24.9	13.7	4.06	14.2
DCA-4GN	1/4	1/4-19 228/1	33.3	17.8	5.8	19.05
DCA-6GN	3/8	3/8-19 228/1	37.8	21.8	7.87	22.22
DCA-8GN	1/2	1/2-14 228/1	43.9	26.1	11.9	26.9
DCA-12GN	3/4	3/4-14 228/1	50.8	31.5	15.7	33.3
DCA-16GN	1	1-11 228/1	53.1	38.9	19.8	41.28

ADAPTER (DCA) female NPT to same size male NPT.



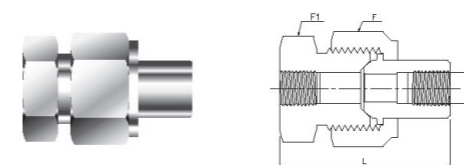
PART NO.	NPT THREAD SIZE	L	E	F HEX
DCA-2N	1/8	27.4	4.83	14.2
DCA-4N	1/4	35.6	7.11	19.05
DCA-6N	3/8	38.1	9.65	22.22
DCA-8N	1/2	49.3	11.4	26.9
DCA-12N	3/4	51.1	15.7	33.3
DCA-16N	1	57.9	22.4	41.28

REDUCING ADAPTER (DCRA) female NPT to reduced male NPT.



PART NO.	FEMALE PIPE SIZE	MALE PIPE SIZE	L	E	F HEX
DCRA4-2N	1/4	1/8	30.9	3.05	19.05
DCRA6-2N	3/8	1/8	33.4	4.06	22.22
DCRA6-4N	3/8	1/4	38.1	7.11	22.22
DCRA8-2N	1/2	1/8	40.1	4.83	26.98
DCRA8-4N	1/2	1/4	44.7	7.11	26.98
DCRA8-6N	1/2	3/8	44.7	9.65	26.98
DCRA12-4N	3/4	1/4	46.1	7.11	33.33
DCRA12-6N	3/4	3/8	46.1	9.65	33.33
DCRA12-8N	3/4	1/2	50.8	11.4	33.33
DCRA16-4N	1	1/4	48.3	7.11	41.28
DCRA16-8N	1	1/2	53.1	11.4	41.28
DCRA16-12N	1	3/4	53.1	15.7	41.28

UNION BALL JOINT (DCUBT) female NPT both ends.



PART NO.	PIPE SIZE	L	E	F HEX	F1 HEX
DCUBT-2N	1/8	45.7	6.86	1 1/8	15/16
DCUBT-4N	1/4	59.4	9.14	1 3/8	1 3/16
DCUBT-6N	3/8	63.5	13.2	1 1/2	1 5/16
DCUBT-8N	1/2	68.6	15.7	1 3/4	1 5/8
DCUBT-12N	3/4	79.2	22.4	2	1 7/8
DCUBT-16N	1	90.4	26.2	2 1/2	2 3/8

**D-lok**<sup>®</sup>

D-LOK CORPORATION

[www.d-lok.com](http://www.d-lok.com)

