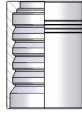


# Multispiral Tail

in!



**0019**

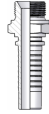


Swaged Ferrule (skive)

118



**0350M**



BSP Male Parallel 60° cone

118

**0050M**



BSP Female 60° cone Thrust Wire

119

**0150M**



BSP 90° Swept Elbow 60° cone Thrust Wire

119

**0250M**



BSP 45° Swept Elbow 60° cone Thrust Wire

120



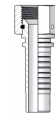
**0850M**



JIC Male 74° cone

120

**0900M**



JIC Female 74° cone Thrust Wire

121

**0950M**



JIC 90° Swept Elbow 74° cone Thrust Wire

121

**1000M**



JIC 45° Swept Elbow 74° cone Thrust Wire

122



**0370M**



NPTF Male 60° cone

122



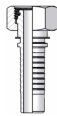
**0450M**



Metric Male 24° Seat Heavy

123

**0084M**



Metric Female 24° Seat Heavy

123

**0184M**



90° Metric Swept Elbow 24° Seat Heavy

124

**0284M**



45° Metric Swept Elbow 24° Seat Heavy

124



**1250M**



Straight SAE Flange 3000 PSI

125

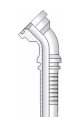
**1050M**



90° SAE Flange 3000 PSI

125

**1150M**



45° SAE Flange 3000 PSI

126

**1300M**



Straight SAE Flange 6000 PSI

126

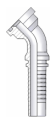
**1100M**



90° SAE Flange 6000 PSI

127

**1200M**



45° SAE Flange 6000 PSI

127



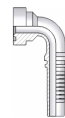
**130SM**



Straight 'CAT' Flange

128

**110SM**



90° 'CAT' Flange

128

**120SM**

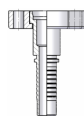


45° 'CAT' Flange

129



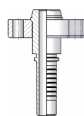
**F432M - F434M**



POCLAIN Male Flange

129

**F032M - F034M**



POCLAIN Female Flange

130

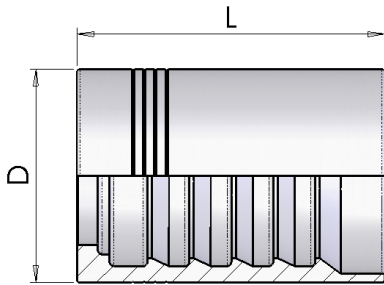
**F132M - F134M**



90°POCLAIN Female Flange

130

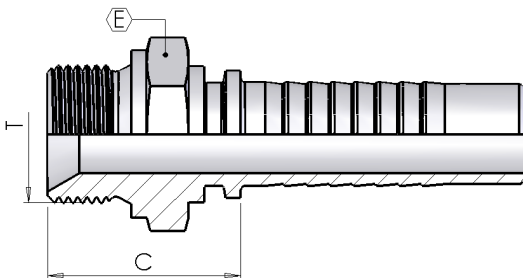
# 0019



## Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Length
0019-04	1/4	6.4	21	40	30
0019-06	3/8	9.5	25.4	43	31
0019-08	1/2	12.7	30	45	34
0019-10	5/8	15.9	33.4	50	38
0019-12	3/4	19.0	38	55	39
0019-16	1	25.4	46	75	56

# 0350M



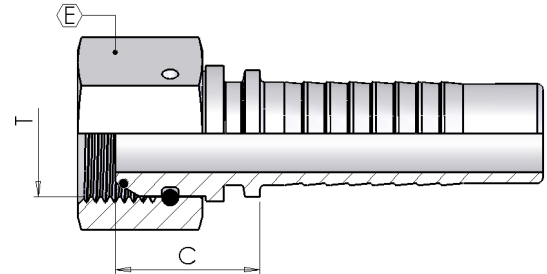
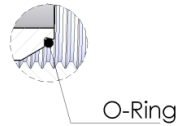
## BSP Male Parallel 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0350M04-04	1/4	6.4	04	1/4-19	19	28
0350M06-06	3/8	9.5	06	3/8-19	22	30
0350M08-08	1/2	12.7	08	1/2-14	27	33
0350M12-12	3/4	19.0	12	3/4-14	32	37
0350M16-16	1	25.4	16	1-11	41	42

# 0050M

## BSP Female 60° Cone - Thrust Wire

(\*)- BSP female with O-Ring



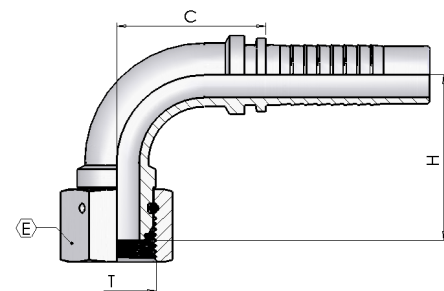
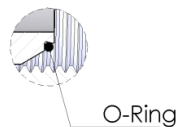
Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0050M04-04	1/4	6.4	04	1/4-19	19	20
0050M06-06	3/8	9.5	06	3/8-19	22	21
0050M08-08	1/2	12.7	08	1/2-14	27	23
0050M12-12	3/4	19.0	12	3/4-14	32	27
0050M16-16	1	25.4	16	1-11	38	30

(\*)

# 0150M

## BSP 90° Swept Elbow 60° Cone - Thrust Wire

(\*)- BSP female with O-Ring

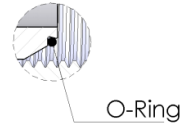
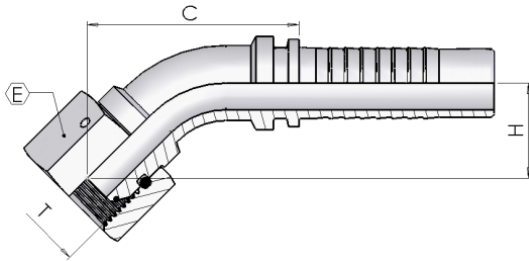


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0150M04-04	1/4	6.4	04	1/4-19	19	28	26
0150M06-06	3/8	9.5	06	3/8-19	22	34	35
0150M08-08	1/2	12.7	08	1/2-14	27	40	40
0150M10-10	5/8	15.9	10	5/8-14	30	46	46
0150M12-12	3/4	19.0	12	3/4-14	32	56	58
0150M16-16	1	25.4	16	1-11	38	68	72

(\*)

# 0250M

## BSP 45° Swept Elbow 60° Cone - Thrust Wire

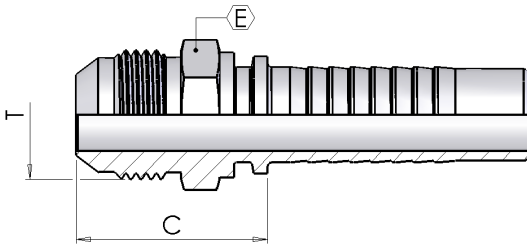


(\*)- BSP female with O-Ring

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0250M04-04	1/4	6.4	04	1/4-19	19	16	43
0250M06-06	3/8	9.5	06	3/8-19	22	19	54
0250M08-08	1/2	12.7	08	1/2-14	27	23	67
0250M10-10	5/8	15.9	10	5/8-14	30	24	70
0250M12-12	3/4	19.0	12	3/4-14	32	29	87
(*) 0250M16-16	1	25.4	16	1-11	38	35	108

# 0850M

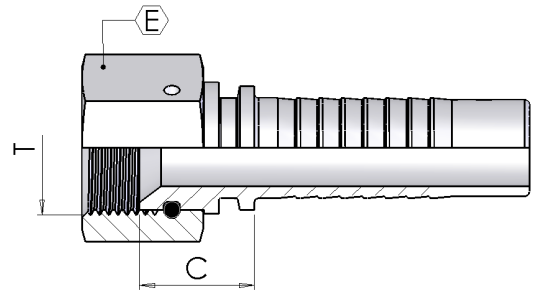
## JIC Male 74° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0850M04-04	1/4	6.4	04	7/16-20	12	28
0850M06-06	3/8	9.5	06	9/16-18	15	28
0850M06-08	3/8	9.5	06	3/4-16	19	32
0850M08-08	1/2	12.7	08	3/4-16	19	32
0850M08-10	1/2	12.7	08	7/8-14	24	36
0850M10-10	5/8	15.9	10	7/8-14	24	36
0850M10-12	5/8	15.9	10	1.1/16-12	27	40
0850M12-12	3/4	19.0	12	1.1/16-12	27	40
0850M12-16	1	25.4	16	1.5/16-12	34	43
0850M16-16	1	25.4	16	1.5/16-12	34	45

## 0900M

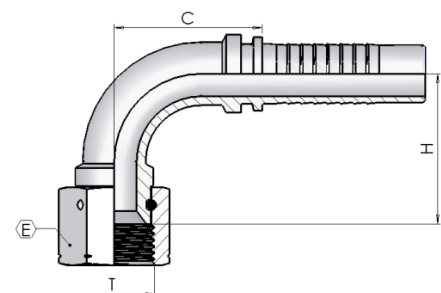
### JIC Female 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0900M04-04	1/4	6.4	04	7/16-20	17	16
0900M06-06	3/8	9.5	06	9/16-18	19	18
0900M08-08	1/2	12.7	08	3/4-16	24	20
0900M08-10	1/2	12.7	08	7/8-14	27	21
0900M10-10	5/8	15.9	10	7/8-14	27	21
0900M10-12	5/8	15.9	10	1.1/16-12	32	22
0900M12-12	3/4	19.0	12	1.1/16-12	32	23
0900M12-16	3/4	19.0	12	1.5/16-12	41	26
0900M16-16	1	25.4	16	1.5/16-12	41	27

## 0950M

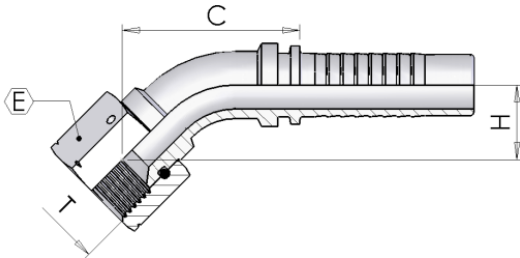
### JIC 90° Swept Elbow 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0950M04-04	1/4	6.4	04	7/16-20	17	26	26
0950M06-06	3/8	9.5	06	9/16-18	19	33	35
0950M08-08	1/2	12.7	08	3/4-16	24	39	40
0950M08-10	1/2	12.7	08	7/8-14	27	41	40
0950M10-10	5/8	15.9	10	7/8-14	27	45	46
0950M12-12	3/4	19.0	12	1.1/16-12	32	54	58
0950M16-16	1	25.4	16	1.5/16-12	41	68	72

# 1000M

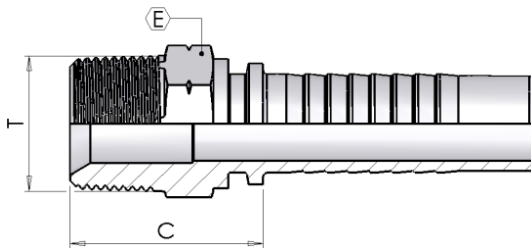
## JIC 45° Swept Elbow 74° Cone-Thrust Wire



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
1000M04-04	1/4	6.4	04	7/16-20	17	15	42
1000M06-06	3/8	9.5	06	9/16-18	19	18	53
1000M08-08	1/2	12.7	08	3/4-16	24	23	66
1000M08-10	1/2	12.7	08	7/8-14	27	23	67
1000M10-10	5/8	15.9	10	7/8-14	27	23	69
1000M12-12	3/4	19.0	12	1.1/16-12	32	28	85
1000M16-16	1	25.4	16	1.5/16-12	41	36	109

# 0370M

## NPTF Male 60° Cone

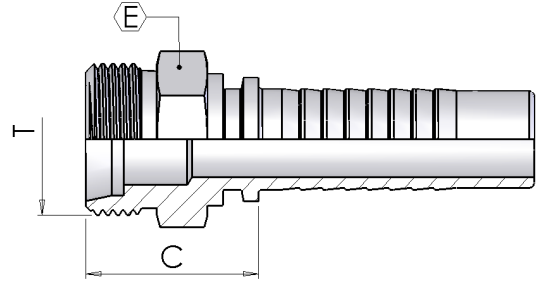


Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0370M04-04	1/4	6.4	04	1/4-18	15	29
0370M04-06	1/4	6.4	04	3/8-18	19	29
0370M06-06	3/8	9.5	06	3/8-18	19	29
0370M08-08	1/2	12.7	08	1/2-14	22	35
0370M12-12	3/4	19.0	12	3/4-14	27	39
0370M16-16	1	25.4	16	1-11.1/2	36	46



# 0450M

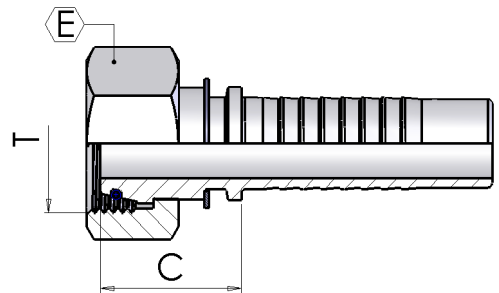
## Metric Male 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0450M08-24	1/2	12.7	08	M24-1.5	16	24	32
0450M10-30	5/8	15.9	10	M30-2	20	30	34
0450M12-30	3/4	19.0	12	M30-2	20	36	36
0450M12-36	3/4	19.0	12	M36-2	25	36	40
0450M16-42	1	25.4	16	M42-2	30	46	44

# 0084M

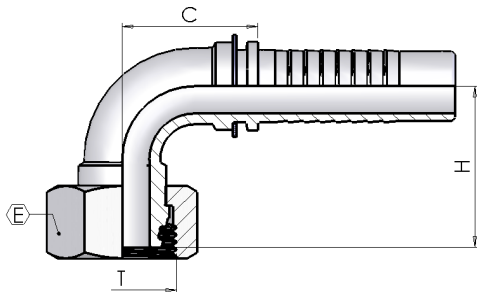
## Metric Female 24° -Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0084M04-16	1/4	6.4	04	M16-1.5	8	19	27
0084M06-20	3/8	9.5	06	M20-1.5	12	24	25
0084M08-24	1/2	12.7	08	M24-1.5	16	30	29
0084M10-30	5/8	15.9	10	M30-2	20	36	34
0084M12-30	3/4	19.0	12	M30-2	20	36	35
0084M12-36	3/4	19.0	12	M36-2	25	46	41
0084M16-36	1	25.4	16	M36-2	25	46	43
0084M16-42	1	25.4	16	M42-2	30	50	45

# 0184M

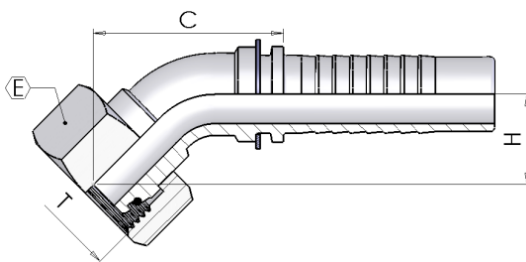
## 90° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0184M04-16	1/4	6.4	04	M16-1.5	8	19	26	28
0184M06-20	3/8	9.5	06	M20-1.5	12	24	33	35
0184M08-24	1/2	12.7	08	M24-1.5	16	30	38	42
0184M10-30	5/8	15.9	10	M30-2	20	36	50	47
0184M12-30	3/4	19.0	12	M30-2	20	36	56	59
0184M12-36	3/4	19.0	12	M36-2	25	46	59	58
0184M16-42	1	25.4	16	M42-2	30	50	67	74

# 0284M

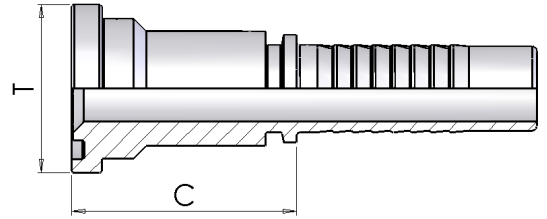
## 45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0284M04-16	1/4	6.4	04	M16-1.5	8	19	15	38
0284M06-20	3/8	9.5	06	M20-1.5	12	24	19	45
0284M08-24	1/2	12.7	08	M24-1.5	16	30	21	64
0284M10-30	5/8	15.9	10	M30-2	20	36	29	74
0284M12-30	3/4	19.0	12	M30-2	20	36	30	91
0284M12-36	3/4	19.0	12	M36-2	25	46	31	91
0284M16-42	1	25.4	16	M42-2	30	50	33	107

# 1250M

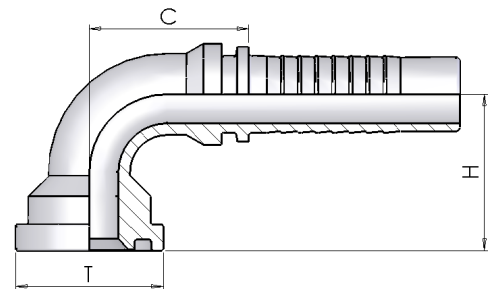
## Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1250M08-08	1/2	12.7	08	1/2	30,2	46
1250M12-12	3/4	19.0	12	3/4	38.1	51
1250M12-16	3/4	19.0	12	1	44.5	54
1250M16-16	1	25.4	16	1	44.5	56
1250M16-20	1	25.4	16	1.1/4	50.8	59

# 1050M

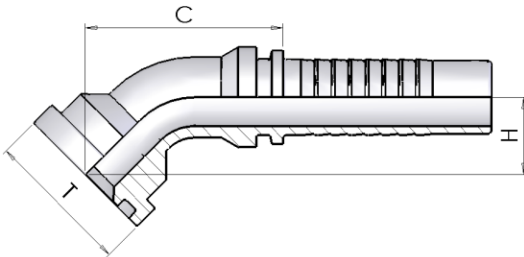
## 90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1050M08-08	1/2	12.7	08	1/2	30,2	39	40
1050M12-12	3/4	19.0	12	3/4	38.1	53	58
1050M12-16	3/4	19.0	12	1	44.5	58	58
1050M16-16	1	25.4	16	1	44.5	65	72
1050M16-20	1	25.4	16	1.1/4	50.8	70	72

# 1150M

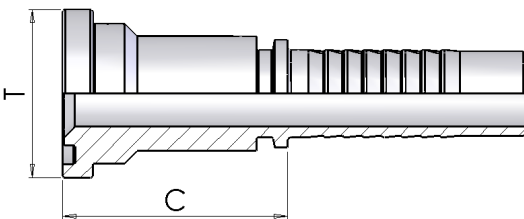
## 45° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1150M08-08	1/2	12.7	08	1/2	30,2	22	63
1150M12-12	3/4	19.0	12	3/4	38.1	27	84
1150M12-16	3/4	19.0	12	1	44.5	30	88
1150M16-16	1	25.4	16	1	44.5	33	106
1150M16-20	1	25.4	16	1.1/4	50.8	37	110

# 1300M

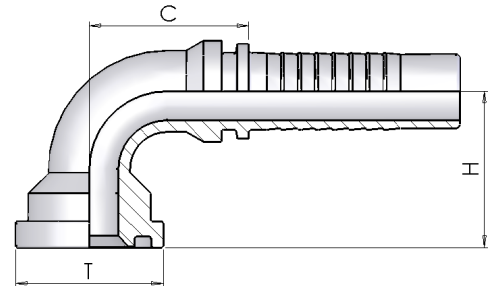
## Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1300M08-08	1/2	12.7	08	1/2	31,8	47
1300M10-12	5/8	15.9	10	3/4	41.3	54
1300M12-12	3/4	19.0	12	3/4	41.3	55
1300M12-16	3/4	19.0	12	1	47.6	61
1300M16-16	1	25.4	16	1	47.6	63
1300M16-20	1	25.4	16	1.1/4	54	70

## 1100M

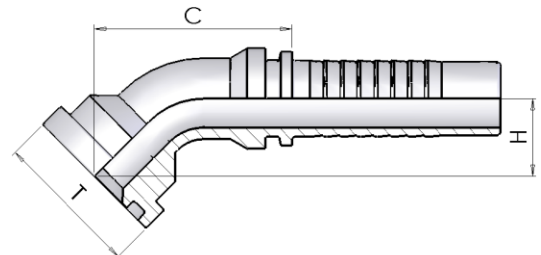
### 90° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1100M08-08	1/2	12.7	08	1/2	31,8	39	40
1100M10-12	5/8	15.9	10	3/4	41.3	51	46
1100M12-12	3/4	19.0	12	3/4	41.3	57	58
1100M12-16	3/4	19.0	12	1	47.6	63	56
1100M16-16	1	25.4	16	1	47.6	69	72
1100M16-20	1	25.4	16	1.1/4	54	77	72

## 1200M

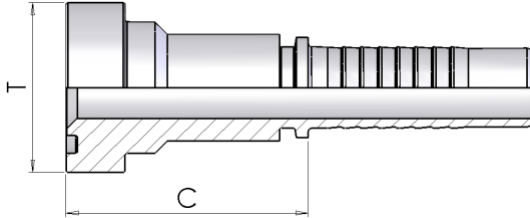
### 45° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1200M08-08	1/2	12.7	08	1/2	31,8	22	66
1200M10-12	5/8	15.9	10	3/4	41.3	27	73
1200M12-12	3/4	19.0	12	3/4	41.3	30	87
1200M12-16	3/4	19.0	12	1	47.6	34	94
1200M16-16	1	25.4	16	1	47.6	37	109
1200M16-20	1	25.4	16	1.1/4	54	41	115

# 130SM

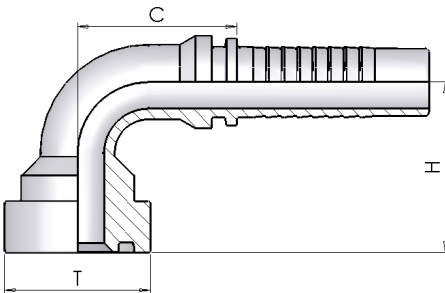
## Straight 'CAT' Flange



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
130SM12-12	3/4	19.0	12	3/4	41	59
130SM12-16	3/4	19.0	12	1	48	66
130SM16-16	1	25.4	16	1	48	67
130SM16-20	1	25.4	16	1.1/4	54	75

# 110SM

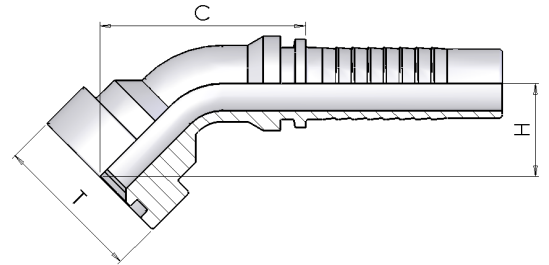
## 90° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
110SM12-12	3/4	19.0	12	3/4	41	60	58
110SM12-16	3/4	19.0	12	1	48	67	58
110SM16-16	1	25.4	16	1	48	74	80
110SM16-20	1	25.4	16	1.1/4	54	80	79

# 120SM

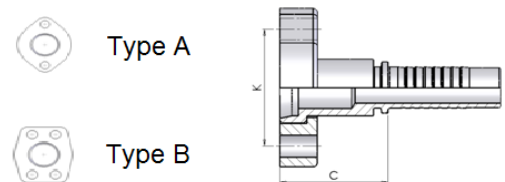
## 45° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
120SM12-12	3/4	19.0	12	3/4	41	32	90
120SM12-16	3/4	19.0	12	1	48	33	97
120SM16-16	1	25.4	16	1	48	40	121
120SM16-20	1	25.4	16	1.1/4	54	44	124

# F432M - F434M

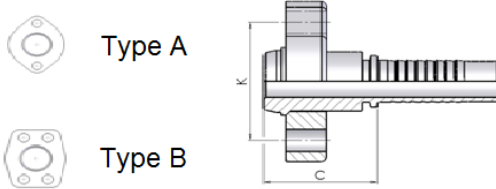
## POCLAIN Male Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	N° screws	Cut-Off C	K
F432M08-08	1/2	12.7	08	1/2	A	41	44
F432M10-10	5/8	15.9	10	5/8	A	41	44
F432M12-12	3/4	19.0	12	3/4	A	52	56
F432M16-16	1	25.4	16	1	A	64	64
F432M20-20	1.1/4	31.8	20	1.1/4	A	70	74
F434M08-08	1/2	12.7	08	1/2	B	41	40
F434M10-10	5/8	15.9	10	5/8	B	41	40
F434M12-12	3/4	19.0	12	3/4	B	52	51
F434M16-16	1	25.4	16	1	B	64	57
F434M20-20	1.1/4	31.8	20	1.1/4	B	70	67

## F032M - F034M

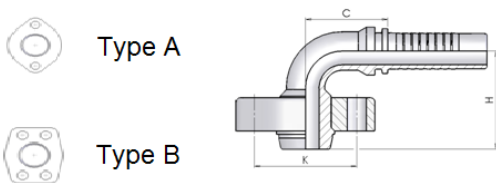
### POCLAIN Female Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	N° screws	Cut-Off C	K
F032M08-08	1/2	12.7	08	1/2	A	45	44
F032M10-10	5/8	15.9	10	5/8	A	44	44
F032M12-12	3/4	19.0	12	3/4	A	51	56
F032M16-16	1	25.4	16	1	A	62	64
F032M20-20	1.1/4	31.8	20	1.1/4	A	70	67
F034M08-08	1/2	12.7	08	1/2	B	45	40
F034M10-10	5/8	15.9	10	5/8	B	44	40
F034M12-12	3/4	19.0	12	3/4	B	51	51
F034M16-16	1	25.4	16	1	B	62	57
F034M20-20	1.1/4	31.8	20	1.1/4	B	82	67

## F132M - F134M

### 90°POCLAIN Female Flange



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Flange T	Drop H	N° screws	Cut-Off C	K
F132M08-08	1/2	12.7	08	1/2	50	A	40	44
F132M10-10	5/8	15.9	10	5/8	52	A	48	44
F132M12-12	3/4	19.0	12	3/4	62	A	63	56
F132M16-16	1	25.4	16	1	81	A	80	64
F132M20-20	1.1/4	31.8	20	1.1/4	96	A	98	74
F134M08-08	1/2	12.7	08	1/2	50	B	40	40
F134M10-10	5/8	15.9	10	5/8	52	B	48	40
F134M12-12	3/4	19.0	12	3/4	62	B	63	51
F134M16-16	1	25.4	16	1	81	B	80	57
F134M20-20	1.1/4	31.8	20	1.1/4	96	B	98	67