

CATALOGUE HOSE FITTINGS AND FERRULE

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FERRUL

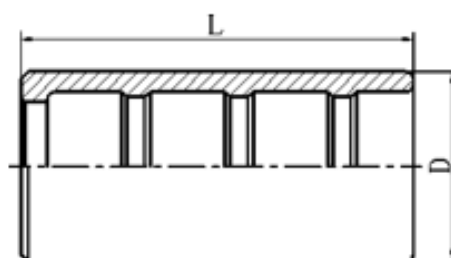


	TYPE	PART NO.
SAE 100 R7/R8 fi	FERRULE FOR SAE100R7/R8 HOSE	00018
GB 3863 1 , DIN 20022 1ST , SAE 100R1A	GB 3863 1 TYPE, DIN 20022 1ST, SAE 100R1A HOSE FERRULE	00100
SAE100R1AT/EN 853 1SN	FERRULE FOR SAE100R1AT/EN 853 1SN HOSE	00110A
GB 3863 2 , DIN 20022 2ST , SAE 100R2A	GB 3863 2 TYPE , DIN 20022 2ST , SAE 100R2A HOSE FERRULE	00200
SAE100R2AT/EN 853 2SN	FERRULE FOR SAE100R2AT/EN 853 2SN HOSE	00210
4SP , 4SH/12-16 , R12/0-616	FERRULE FOR 4SP , 4SH/12-16 , R12/0-616 HOSE	00400
4SH , R12/32	FERRULE FOR 4SH , R12/32 HOSE	00401
DIN20023 4SH		00421
SAE 100 R5	FERRULE FOR SAE 100 R5 HOSE	00518
GB/T 10544 R15 / SAE 100 R15	INTERLOCK FERRULE FOR GB/T 10544 R15 / SAE 100 R15 HOSE	00621-R15
SAE 100 R13 , 4SH/12-16		00621
	FERRULE FOR TEFLON HOSE	00710
	FERRULE FOR TEFLON HOSE	00TF0
SAE 100 R12/20-24 , GB 10544 5	SAE 100 R12/20-24 , GB 10544 5 TYPE HOSE FERRULE	01400
GB 10544 3 / 04-16	GB 10544 3 TYPE/04-16 HOSE FERRULE	01401
SAE 100 R2AT , DIN 20022 2SN	FERRULE FOR SAE100 R2AT , DIN 20022 2SN HOSE	03310

00018

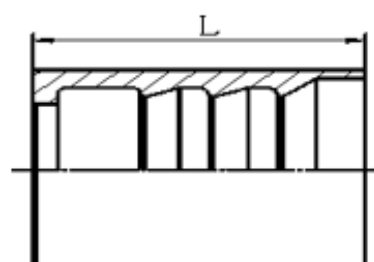
SAE 100 R7/R8

FERRULE FOR SAE100R7/R8 HOSE

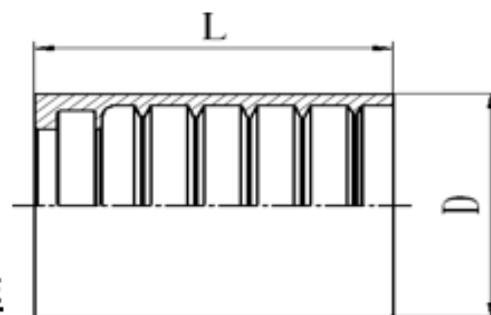


PART NO.	HOSE BORE		DIMENSIONS	
	DN	DASH	D	L
00018-00	2	00	8.8	19
00018-01	3	01	10.4	27
00018-02	4	02	12.7	27
00018-03	5	03	14.2	27
00018-04	6	04	17	29
00018-04A	6	04	14	29
00018-05	8	05	18.8	31
00018-06	10	06	21	31
00018-08	12	08	25.5	34
00018-08A	12	08	27.2	34
00018-10	16	10	31.5	36
00018-10A	16	10	28.6	36
00018-12	20	12	33	43

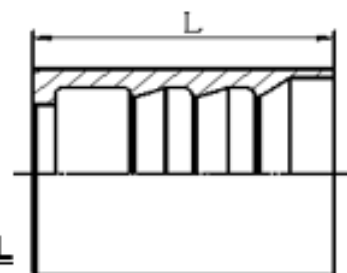
00100

GB 3863 1, DIN 20022 1ST, SAE 100R1AGB 3863 1 TYPE, DIN 20022 1ST, SAE 100R1A HOSE FERRULE

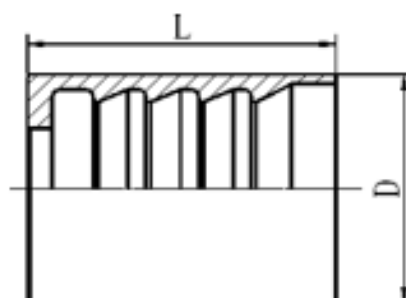
PART NO.	HOSE BORE		DIMENSIONS	
	DN	DASH	L	
00100-03	4	03	27	
00100-04	6	04	30	
00100-05	8	05	31	
00100-06	10	06	32	
00100-08	12	08	34	
00100-10	16	10	37	
00100-12	20	12	43	
00100-16	25	16	50	
0010-020	32	20	59	
00100-24	40	24	74	
00100-32	50	32	78	

00110-A**SAE100R1AT/EN 853 1SN fi****FERRULE FOR SAE100R1AT/EN 853 1SN HOSE**

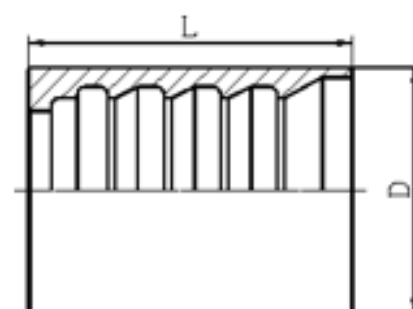
PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00110-03A	5	03	23
00110-04A	6	04	30.5
00110-05A	8	05	30
00110-06A	10	06	32
00110-08A	12	08	34
00110-10A	16	10	37
00110-12A	20	12	42
00110-16A	25	16	51

00200**GB 3863 2, DIN 20022 2ST, SAE 100R2A fi****GB 3863 2 TYPE, DIN 20022 2ST, SAE 100R2A HOSE FERRUL**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00200-03	4	03	27
00200-04	6	04	30
00200-05	8	05	31
00200-06	10	06	32
00200-08	12	08	34
00200-10	16	10	37
00200-12	20	12	43
00200-16	25	16	50
00200-20	32	20	59
00200-24	40	24	74
00200-32	50	32	78

00210**SAE100R2AT/EN 853 2SN fi****FERRULE FOR SAE100R2AT/EN 853 2SN HOSE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00210-03	5	03	27
00210-04	6	04	30
00210-05	8	05	31
00210-06	10	06	32
00210-08	12	08	34
00210-10	16	10	37
00210-12	20	12	43
00210-16	25	16	50
00210-20	32	20	59
00210-24	40	24	74
00210-32	50	32	78

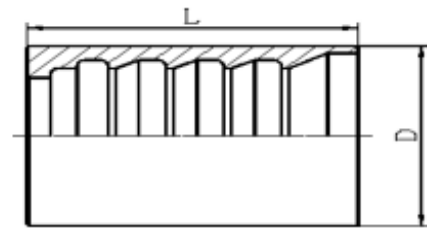
00400**4SP 4SH/12-16 R12/O-616 fi****FERRULE FOR 4SP 4SH/12-16 R12/O-616 HOSE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00400-04	6	04	37.5
00400-06	10	06	39
00400-08	12	08	41
00400-10	16	10	43
00400-12	20	12	51
00400-16	25	16	61.5
00400-20	32	20	67.5
00400-24	40	24	75
00400-32	50	32	79

00401

4SH R12/32 fi

FERRULE FOR 4SH R12/32 HOSE

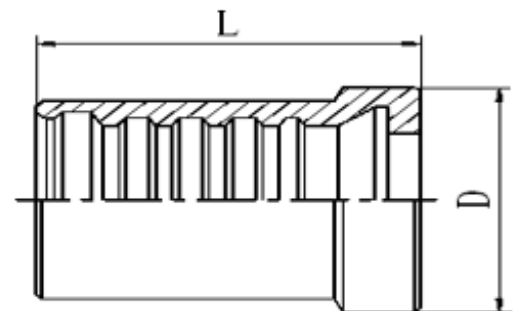


	HOSE BORE		DIMENSIONS
PART NO.	DN	DASH	L
00401-20	32	20	67.5
00401-24	40	24	75
00401-32	50	32	79

00421

DIN20023 4SH

INTERLOCK FERRULE FOR DIN20023 4SH HOSE



	HOSE BORE		DIMENSIONS
PART NO.	DN	DASH	L
00421-20	32	20	88
00421-24	40	24	102
00421-32	50	32	108

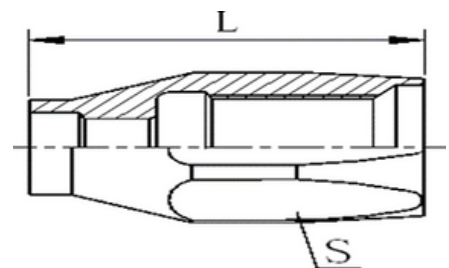
4SH-12 -16, 00621-12, 00621-16

Note: The Ferrule 00621-12, 00621-16 are for skive hose 4SH-12, -16

00518

SAE 100 R5

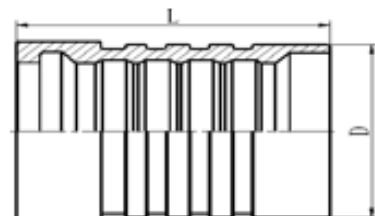
FERRULE FOR SAE 100 R5 HOSE



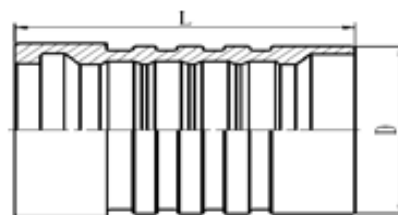
	HOSE BORE	DIMENSIONS	
PART NO.	HOSE DASH	L	S
00518-04	4	28	17
00518-05	5	30.5	19
00518-06	6	33	22
00518-08	8	42	24
00518-10	10	45.5	30
00518-12	12	53.5	32
00518-16	16	42	36
00518-20	20	44.5	46
00518-24	24	47	50
00518-32	32	57	65

00621-R15**GB/T 10544 R15 / SAE 100 R15 fi****INTERLOCK FERRULE FOR GB/T 10544 R15 / SAE 100 R15 HOSE**

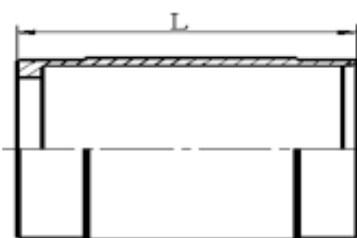
PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00621-06(R15)	10	6	40
00621-08(R15)	12	8	42
00621-12(R15)	20	12	53
00621-16(R15)	25	15	66
00621-20(R15)	32	20	88.5
00621-24(R15)	40	24	102

**00621****SAE 100 R13, 4SH/12-16 fi****INTERLOCK FERRULE FOR SAE 100R13, 4SH/12-16 HOSE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00621-12	20	12	53
00621-16	25	15	66
00621-20	32	20	88.5
00621-24	40	24	102
00621-32	50	32	108

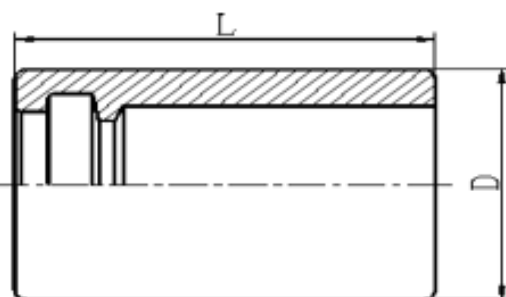
**00710****FERRULE FOR TEFLON HOSE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00710-06	10	6	28.6
00710-08	12	8	30
00710-12	20	12	38
00710-16	25	16	45.9
00710-20	32	20	54
00710-24	40	24	57
00710-32	50	32	69.8



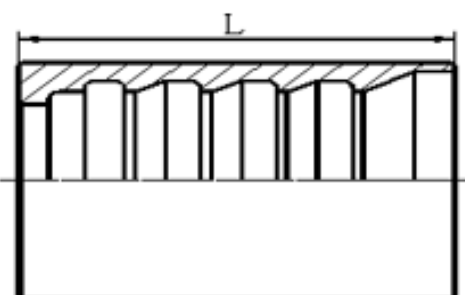
00TF0
FERRULE FOR TEFLON HOSE

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
00TF0-03	4	3	27.5
00TF0-04	6	4	30.7
00TF0-05	8	5	30.6
00TF0-06	10	6	32.1
00TF0-08	12	8	34.3
00TF0-10	16	10	37
00TF0-12	20	12	42.8
00TF0-14	22	14	42.7
00TF0-16	25	16	50.8



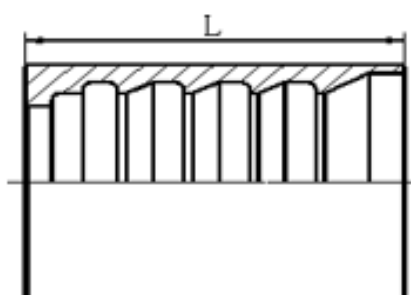
01400
SAE 100 R12/20-24, GB 10544 5
SAE 100 R12/20-24, GB 10544 5 TYPE HOSE FERRULE

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
01400-08	12	8	41
01400-10	16	10	43
01400-12	20	12	51
01400-16	25	16	61.5
01400-20	32	20	67.5
01400-24	38	24	75
01400-32	50	32	79

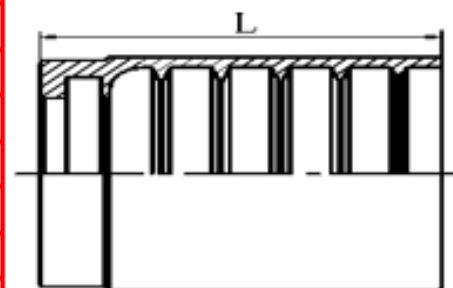


01401**GB 10544 3 /04-16****GB 10544 3 TYPE/04-16 HOSE FERRULE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
01401-04	6	4	37.5
01401-05	8	5	38
01401-06	10	6	39
01401-08	12	8	41
01401-10	16	10	43
01401-12	20	12	51
01401-16	25	16	61.5

**03310****SAE 100 R2AT DIN 20022 2SN****FERRULE FOR SAE100 R2AT, DIN 20022 2SN HOSE**

PART NO.	HOSE BORE		DIMENSIONS
	DN	DASH	L
03310-03	5	3	23
03310-04	6	4	30.5
03310-05	8	5	30
03310-06	10	6	32
03310-08	13	8	34
03310-10	16	10	37
03310-12	19	12	42
03310-16	25	16	51
03310-20	32	20	59
03310-24	38	24	67
03310-32	50	32	72



HBF

HOSE FITTINGS



类 别	Type	代号 PART NO.
公制外螺纹平面 O 形圈密封 参考 REF. JB/T 988	<u>O-RING METRIC MALE FLAT SEAL</u>	<u>10311</u>
公制外螺纹 24°内锥面轻系列	<u>METRIC MALE 24° CONE SEAT L.T. DIN 3853</u>	<u>10411</u>
公制外螺纹 24°内锥面轻系列	<u>METRIC MALE 24° CONE SEAT L.T. DIN 3853</u>	<u>10412</u>
公制外螺纹 24°内锥面重系列	<u>METRIC MALE 24° CONE SEAT H.T. DIN 3853</u>	<u>10511</u>
公制外螺纹 24°内锥面重系列	<u>METRIC MALE 24° CONE SEAT H.T. DIN 3853</u>	<u>10512</u>
公制外螺纹 24°内锥面重系列	<u>METRIC MALE 24° CONE SEAT H.T.</u>	<u>10513</u>
公制外螺纹 60°内锥面	<u>METRIC MALE 60° CONE SEAT</u>	<u>10611</u>
国标公制外螺纹 74°外锥面	<u>GB METRIC MALE 74° CONE</u>	<u>10711</u>
公制外螺纹 90°外锥面	<u>METRIC MALE 90° CONE</u>	<u>10811L</u>
英管外螺纹 O 形圈密封	<u>BSP MALE O-RING SEAL</u>	<u>12211</u>
英管外螺纹 60°内锥面	<u>BSP MALE 60° CONE SEAT</u>	<u>12611-PO</u>
英管外螺纹 60°内锥面	<u>BSP MALE 60° CONE SEAT</u>	<u>12611</u>
英管外螺纹 60°内锥面或六角端面用组合垫密封的双用接头	<u>BSP MALE DOUBLE USE FOR 60° CONE SEAT OR BONDED SEAL</u>	<u>12611A</u>
英管外螺纹 60°内锥面密封	<u>BSP MALE 60° CONE SEAT</u>	<u>12612</u>
英管外螺纹 60°内锥面或组合垫密封	<u>BSP MALE 60° CONE SEAT</u>	<u>12612A</u>
英管外螺纹 60°内锥面	<u>BSP MALE 60° CONE SEAT</u>	<u>12613</u>
英锥管外螺纹	<u>BSPT MALE</u>	<u>13011-SP-PO</u>
英锥管外螺纹	<u>BSPT MALE</u>	<u>13011-SP</u>
英锥管外螺纹	<u>BSPT MALE</u>	<u>13013</u>
		<u>14211</u>

类 别	Type	代号 PART NO.
布锥管外螺纹	<u>NPT MALE</u>	<u>15611-PO</u>
布锥管外螺纹	<u>NPT MALE</u>	<u>15611</u>
布锥管旋转外螺纹	<u>NPT SWIVEL MALE</u>	<u>15611SW</u>
布锥管外螺纹	<u>NPT MALE</u>	<u>15612</u>
布锥管外螺纹	<u>NPT MALE</u>	<u>15613</u>
美制布锥管螺纹	<u>NPT MALE</u>	<u>15618R5</u>
90°布锥管旋转外螺纹	<u>90° NPT SWIVEL MALE</u>	<u>15691KSW</u>
美制 SAE 外螺纹带 O 形圈	<u>SAE ØRING MALE</u>	<u>16011</u>
SAE 带 O 形圈旋转外螺纹	<u>SAE ØRING BOSS SWIVEL MALE</u>	<u>16011SW</u>
90°SAE 带 O 形圈旋转外螺纹	<u>90° SAE O-RING BOSS SWIVEL MALE</u>	<u>16091KSW</u>
美制 JIC 外螺纹 74°外锥面	<u>JIC MALE 74° CONE</u>	<u>16711-PO</u>
美制 JIC 外螺纹 74°外锥面	<u>JIC MALE 74° CONE</u>	<u>16711</u>
美制 JIC 外螺纹 74°外锥面	<u>JIC MALE 74° CONE</u>	<u>16712</u>
美制 JIC 外螺纹 74°外锥面	<u>JIC MALE 74° CONE</u>	<u>16718R5</u>
美制 SAE 外螺纹 90°外锥面	<u>SAE MALE 90° CONE</u>	<u>17811</u>
美制 SAE 外螺纹 90°外锥面	<u>SAE MALE 90° CONE</u>	<u>17818R5</u>
日本公制外螺纹 60°外锥面	<u>JIS METRIC MALE 60° CONE SEAT</u>	<u>18611</u>
公制内螺纹高压水管接头	<u>METRIC FEMALE WATERWASH INSERTS</u>	<u>20011-T 水管接头</u>
公制内螺纹球面	<u>METRIC FEMALE MULTISEAL</u>	<u>20111-20111-T</u>
45°公制内螺纹球面	<u>45° METRIC FEMALE MULTISEAL</u>	<u>20141-20141-T</u>

类 别	Type	代号 PART NO.
90°公制内螺纹球面	<u>90° METRIC FEMALE MULTISEAL</u>	<u>20191-20191-T</u>
国标公制内螺纹平面 参考 REF. GB/T 9065.3	<u>GB METRIC FEMALE FLAT SEAT</u>	<u>20211-20211-T</u>
国标公制内螺纹平面	<u>GB METRIC FEMALE FLAT SEAT</u>	<u>20212-20212-T</u>
30°公制内螺纹平面 参考 REF. GB/T 9065.3	<u>30° METRIC FEMALE FLAT SEAT</u>	<u>20231-20231-T</u>
45°公制内螺纹平面 参考 REF. GB/T 9065.3	<u>45° METRIC FEMALE FLAT SEAT</u>	<u>20241-20241-T</u>
45°国标公制内螺纹平面	<u>45° GB METRIC FEMALE FLAT SEAT</u>	<u>20242-20242-T</u>
90°公制内螺纹平面 参考 REF. GB/T 9065.3	<u>90° METRIC FEMALE FLAT SEAT</u>	<u>20291-20291-T</u>
90° 公制内螺纹平面	<u>90° METRIC FEMALE FLAT SEAT</u>	<u>20292</u>
公制内螺纹 24°锥带 O 形圈轻系列	<u>METRIC FEMALE 24° CONE O-RING L.T.DIN3865</u>	<u>20411-20411-T</u>
公制内螺纹 24°球面 轻系列	<u>METRIC FEMALE MULTISEAL L.T.</u>	<u>20411C-20411C-T</u>
公制内螺纹 24°锥带 O 形圈轻系列	<u>METRIC FEMALE 24° CONE L.T.</u>	<u>20412</u>
45°公制内螺纹 24°锥带 O 形圈轻系列	<u>45°METRIC FEMALE 24°CONE O-RING L.T.DIN3865</u>	<u>20441-20441-T</u>
45°公制内螺纹 24°锥带 O 形圈轻系列	<u>45°METRIC FEMALE 24°CONE O-RING L.T.</u>	<u>20442</u>
90°公制内螺纹 24°锥带 O 形圈轻系列	<u>90° METRIC FEMALE 24° CONE O-RING L.T. DIN3865</u>	<u>20491-20491-T</u>
90°公制内螺纹 24°球面轻系列 DIN 3868	<u>90° METRIC FEMALE 24° MULTISEAL L.T.DIN 3868</u>	<u>20491C-20491C-T</u>
90°公制内螺纹 24°锥带 O 形圈轻系列	<u>90° METRIC FEMALE 24° CONE O-RING L.T.</u>	<u>20492</u>
公制内螺纹 24°锥带 O 形圈重系列	<u>METRIC FEMALE 24° CONE O-RING H.T.DIN3865</u>	<u>20511-20511-T</u>
公制内螺纹 24 球面重系列	<u>METRIC FEMALE 24° MULTISEAL H.T.DIN3868</u>	<u>20511C-20511C-T</u>
公制内螺纹 24°锥带 O 形圈重系列	<u>METRIC FEMALE 24° CONE O-RING H.T.</u>	<u>20512</u>
公制内螺纹 24°锥带 O 形圈重系列	<u>METRIC FEMALE 24° CONE O-RING H.T. ISO 12151-2—DIN 3865</u>	<u>20513-T-20513-W</u>

类 别	Type	代号 PART NO.
<u>45°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>45°METRIC FEMALE 24°CONE O-RING H.T.DIN3865</u>	<u>20541-20541-T</u>
<u>45°公制内螺纹 24°球面系列 DIN 3868</u>	<u>45° METRIC FEMALE MULTISEAL H.T.DIN 3868</u>	<u>20541C-20541C-T</u>
<u>45°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>45° METRIC FEMALE 24° CONE O-RING H.T.</u>	<u>20542</u>
<u>45°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>45° METRIC FEMALE 24° CONE O-RING H.T.</u>	<u>20543-T-20543-W</u>
<u>90°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>90°METRIC FEMALE 24°CONE O-RING H.T.DIN3865</u>	<u>20591-20591-T</u>
<u>90°公制内螺纹 24°球面重系列 DIN3868</u>	<u>90°METRIC FEMALE MULTISEAL H.T.DIN3868</u>	<u>20591C-20591C-T</u>
<u>90°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>90° METRIC FEMALE 24° O-RING CONE H.T.</u>	<u>20592</u>
<u>90°公制内螺纹 24°锥带 O 形圈重系列</u>	<u>90°METRIC FEMALE 24°CONE O-RING H.T.</u>	<u>20593-T-20593-W</u>
<u>公制内螺纹 60°外锥面</u>	<u>METRIC FEMALE 60° CONE</u>	<u>20611-20611-T</u>
<u>45°公制内螺纹 60°外锥面</u>	<u>45° METRIC FEMALE 60° CONE</u>	<u>20641-20641-T</u>
<u>90°公制内螺纹 60°外锥面</u>	<u>90° METRIC FEMALE 60° CONE</u>	<u>20691-20691-T</u>
<u>国标公制内螺纹 74°内锥面</u>	<u>GB METRIC FEMALE 74° CONE SEAT</u>	<u>20711-20711-T</u>
<u>国标公制内螺纹 74°内锥面</u>	<u>GB METRIC FEMALE 74° CONE SEAT</u>	<u>20712-20712-T</u>
<u>45°国标公制内螺纹 74°内锥面</u>	<u>45° GB METRIC FEMALE 74° CONE SEAT</u>	<u>20741</u>
<u>90°国标公制内螺纹 74°内锥面</u>	<u>90° GB METRIC FEMALE 74° CONE SEAT</u>	<u>20791</u>
<u>美制 NPSM 内螺纹 60°外锥面</u>	<u>NPSM FEMALE 60° CONE</u>	<u>21611</u>
<u>45°美制 NPSM 内螺纹 60°外锥面</u>	<u>45° NPSM FEMALE 60° CONE</u>	<u>21641</u>
<u>90°美制 NPSM 内螺纹 60°外锥面</u>	<u>90° NPSM FEMALE 60° CONE</u>	<u>21691</u>
<u>英管内螺纹球面</u>	<u>BSP FEMALE MULTISEAL</u>	<u>22111-22111-W</u>
<u>英管内螺纹球面</u>	<u>BSP FEMALE MULTISEAL</u>	<u>22112</u>

类 别	Type	代号 PART NO.
45°英管内螺纹球面	<u>45° BSP FEMALE MULTISEAL</u>	<u>22141</u>
45°英管内螺纹球面	<u>45°BSP FEMALE MULTISEAL</u>	<u>22142</u>
90°英管内螺纹球面	<u>90° BSP FEMALE MULTISEAL</u>	<u>22191</u>
90°英管内螺纹球面	<u>90°BSP FEMALE MULTISEAL</u>	<u>22192</u>
英管内螺纹平面	<u>BSP FEMALE FLAT SEAT</u>	<u>22211</u>
45°英管内螺纹平面	<u>45° BSP FEMALE FLAT SEAT</u>	<u>22241</u>
90°英管内螺纹平面	<u>90° BSP FEMALE FLAT SEAT</u>	<u>22291</u>
英管内螺纹 60°外锥面	<u>BSP FEMALE 60° CONE</u>	<u>22611-22611-T</u>
英管内螺纹 60°外锥面	<u>BSP FEMALE 60° CONE</u>	<u>22611-PO</u>
英管内螺纹 60°外锥面双六角	<u>BSP FEMALE 60° CONE DOUBLE HEXAGON</u>	<u>22611D-SM</u>
英管内螺纹 60°外锥面双六角	<u>BSP FEMALE 60° CONE DOUBLE HEXAGON</u>	<u>22611D</u>
英管内螺纹 60°外锥面	<u>BSP FEMALE 60° CONE</u>	<u>22612</u>
英管内螺纹 60°外锥面双六角	<u>BSP FEMALE 60° CONE DOUBLE HEXAGON</u>	<u>22612D-SM</u>
英管内螺纹 60°外锥面 O 形圈 参考 REF. BS 5200	<u>BSP FEMALE 60° CONE O-RING</u>	<u>22613-W-OR</u>
英管内螺纹 60°外锥面	<u>BSP FEMALE 60° CONE</u>	<u>22613-W</u>
45°英管内螺纹 60°外锥面	<u>45° BSP FEMALE 60° CONE</u>	<u>22641</u>
45°英管内螺纹 60°外锥面	<u>45° BSP FEMALE 60° CONE</u>	<u>22642</u>
45°英管内螺纹 60°外锥面	<u>45° BSP FEMALE 60° CONE</u>	<u>22643-W</u>
90°英管内螺纹 60°外锥面	<u>90° BSP FEMALE 60° CONE</u>	<u>22691</u>

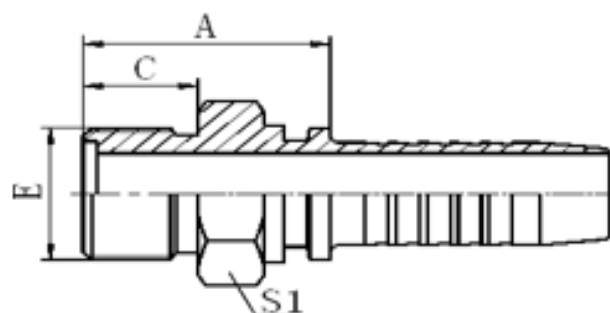
类 别	Type	代号 PART NO.
90°英管短身内螺纹 60°外锥面	<u>90°BSP COMPACT FEMALE 60°CONE</u>	<u>22691K-PO</u>
90°英管短身内螺纹 60°外锥面	<u>90° BSP COMPACT FEMALE 60° CONE</u>	<u>22691K</u>
90°英管内螺纹 60°外锥面	<u>90° BSP FEMALE 60° CONE</u>	<u>22692</u>
90°英管内螺纹 60°外锥面	<u>90° BSP FEMALE 60° CONE</u>	<u>22693-W</u>
美制 ORFS 内螺纹平面	<u>ORFS FEMALE FLAT SEAT</u>	<u>24211-24211-T</u>
美制 ORFS 内螺纹平面	<u>ORFS FEMALE FLAT SEAT</u>	<u>24212-24212-T</u>
美制 ORFS 内螺纹平面	<u>ORFS FEMALE FLAT SEAT</u>	<u>24213W</u>
美制 ORFS 内螺纹平面双六角	<u>ORFS FEMALE FLAT SEAT DOUBLE HEXAGON</u>	<u>24218D-R5</u>
45° 美制 ORFS 内螺纹平面	<u>45° ORFS FEMALE FLAT SEAT</u>	<u>24241-24241-T</u>
45°美制 ORFS 内螺纹平面	<u>45° ORFS FEMALE FLAT SEAT</u>	<u>24242</u>
45°美制 ORFS 内螺纹平面	<u>45° ORFS FEMALE FLAT SEAT</u>	<u>24243W</u>
90°美制 ORFS 内螺纹平面	<u>90° ORFS FEMALE FLAT SEAT</u>	<u>24291-24291-T</u>
90°美制 ORFS 内螺纹平面	<u>90° ORFS FEMALE FLAT SEAT</u>	<u>24292-24292-T</u>
90°美制 ORFS 内螺纹平面	<u>90° ORFS FEMALE FLAT SEAT</u>	<u>24293W</u>
美制 JIC 内螺纹 74°内锥面	<u>JIC FEMALE 74° CONE SEAT</u>	<u>26711-26711-T</u>
美制 JIC 内螺纹 74°内锥面	<u>JIC FEMALE 74° CONE SEAT</u>	<u>26711-PO</u>
美制 JIC 内螺纹 74°内锥面双六角	<u>JIC FEMALE 74° CONE SEAT DOUBLE HEXAGON</u>	<u>26711D-26711D-SM</u>
美制 JIC 内螺纹 74°内锥面	<u>JIC FEMALE 74° CONE SEAT</u>	<u>26712-26712-T</u>
美制 JIC 内螺纹 74°内锥面	<u>JIC FEMALE 74° CONE SEAT</u>	<u>26713-W</u>
美制 JIC 内螺纹 74°内锥面	<u>JIC FEMALE 74° CONE SEAT</u>	<u>26718DR5</u>

类 别	Type	代号 PART NO.
美制 JIC 内螺纹 74°内锥面	JIC FEMALE 74° CONE SEAT	26718R5T
45°美制 JIC 内螺纹 74°内锥面	45° JIC FEMALE 74° CONE SEAT	26741
45°美制 JIC 内螺纹 74°内锥面	45° JIC FEMALE 74° CONE SEAT	26742
90°美制 JIC 内螺纹 74°内锥面	90° JIC FEMALE 74° CONE SEAT	26791
90°美制 JIC 内螺纹 74°内锥面	90° JIC FEMALE 74° CONE SEAT	26791K-PO
90°美制短身 JIC 内螺纹 74°内锥面	90° JIC COMPACT FEMALE 74° CONE SEAT	26791K
90°美制 JIC 内螺纹 74°内锥面	90° JIC FEMALE 74° CONE SEAT	26792
90°美制 JIC 内螺纹 74°内锥面	90° JIC FEMALE 74° CONE SEAT	26793-W
90°美制 JIC 内螺纹 74°内锥面	90° JIC FEMALE 74° CONE SEAT	26798D-R5
美制 SAE 内螺纹 90°内锥面	SAE FEMALE 90° CONE SEAT	27811-PO
美制 SAE 内螺纹 90°内锥面	SAE FEMALE 90° CONE SEAT	27811
45°美制 SAE 内螺纹 90°内锥面	45° SAE FEMALE 90° CONE SEAT	27841
90°美制 SAE 内螺纹 90°内锥面	90° SAE FEMALE 90° CONE SEAT 90° SAE FEMALE 90° CONE SEAT	27891
日本公制内螺纹 60°内锥面	JIS METRIC FEMALE 60° CONE SEAT	28611-28611-SM
日本公制内螺纹 60°内锥面	JIS METRIC FEMALE 60° CONE SEAT	28611
日本公制内螺纹 60°内锥面	JIS METRIC FEMALE 60° CONE SEAT	28612-28612-SM
45°日本公制内螺纹 60°内锥面	45° JIS METRIC FEMALE 60° CONE SEAT	28642-28641 -SM
45°日本公制内螺纹 60°内锥面	45° JIS METRIC FEMALE 60° CONE SEAT	28641
45°日本公制内螺纹 60°内锥面	45° JIS METRIC FEMALE 60° CONE SEAT	28642-28642-SM

类 别	Type	代号 PART NO.
<u>90°日本公制内螺纹 60°内锥面</u>	<u>90° JIS METRIC FEMALE 60° CONE SEAT</u>	<u>28691-28691-SM</u>
<u>90°日本公制内螺纹 60°内锥面</u>	<u>90° JIS METRIC FEMALE 60° CONE SEAT</u>	<u>28691</u>
<u>90°日本公制内螺纹 60°内锥面</u>	<u>90° JIS METRIC FEMALE 60° CONE SEAT</u>	<u>28692-28692-SM</u>
<u>日本英制内螺纹 60°内锥面</u>	<u>JIS GAS FEMALE 60° CONE SEAT</u>	<u>29611-29611-SM</u>
<u>日本英制内螺纹 60°内锥面</u>	<u>JIS GAS FEMALE 60° CONE SEAT</u>	<u>29611</u>
<u>日本英制内螺纹 60°内锥面</u>	<u>JIS GAS FEMALE 60° CONE SEAT</u>	<u>29612-29612-SM</u>
<u>45°日本英管内螺纹 60°内锥面</u>	<u>45° JIS GAS FEMALE 60° CONE SEAT</u>	<u>29641-29641-SM</u>
<u>45°日本英管内螺纹 60°内锥面</u>	<u>45° JIS GAS FEMALE 60° CONE SEAT</u>	<u>29641</u>
<u>90°日本英管内螺纹 60°内锥面</u>	<u>90° JIS GAS FEMALE 60° CONE SEAT</u>	<u>29691-29691-SM</u>
<u>90°日本英管内螺纹 60°内锥面</u>	<u>90° JIS GAS FEMALE 60° CONE SEAT</u>	<u>29691</u>
<u>90°日本英制内螺纹 60°内锥面</u>	<u>90° JIS GAS FEMALE 60° CONE SEAT</u>	<u>29692-29692-SM</u>
<u>卡套式直管</u>	<u>METRIC STANDPIPE STRAIGHT DIN 2353</u>	<u>50011</u>
<u>DIN2353 卡套式直管</u>	<u>METRIC STANDPIPE STRAIGHT DIN 2353</u>	<u>50012</u>
<u>45° 公制 DIN2353 卡套式直管</u>	<u>45° METRIC STANDPIPE STRAIGHT DIN 2353</u>	<u>50041</u>
<u>90° 公制 DIN2353 卡套式直管</u>	<u>90°METRIC STANDPIPE STRAIGHT DIN 2353</u>	<u>50091</u>
<u>90° DIN 2353 卡套式直管</u>	<u>90° METRIC STANDPIPE STRAIGHT DIN 2353</u>	<u>50092</u>
<u>煤炭部标准矿用接头</u>	<u>MT STAPLELOCK MALE</u>	<u>60011</u>
<u>SAE 标准矿用接头</u>	<u>SAE STAPLE-LOK MALE</u>	<u>67011</u>
<u>公制铰接体</u>	<u>METRIC BANJO DIN 7642</u>	<u>70011</u>
<u>公制铰接螺栓</u>	<u>METRIC BOLT DIN 7643</u>	<u>700M</u>

类 别	Type	代号 PART NO.
部标公制铰接体	<u>JB METRIC BANJO</u>	<u>71011</u>
部标公制铰接螺栓	<u>JB METRIC BOLT</u>	<u>710M</u>
英制铰接体	<u>BSP BANJO</u>	<u>72011</u>
英制铰接螺栓	<u>BSP BOLT</u>	<u>720B</u>
SAE 法兰 3000 PSI	<u>SAE FLANGE 3000 PSI</u>	<u>87311</u>
SAE 法兰 3000 PSI	<u>SAE FLANGE 3000 PSI</u>	<u>87312</u>
SAE 法兰 3000 PSI	<u>SAE FLANGE 3000 PSI</u>	<u>87313</u>
45° SAE 法兰 3000 PSI	<u>45° SAE FLANGE 3000 PSI</u>	<u>87341</u>
45° SAE 法兰 3000 PSI	<u>45° SAE FLANGE 3000 PSI</u>	<u>87342</u>
45° SAE 法兰 3000 PSI	<u>45° SAE FLANGE 3000 PSI</u>	<u>87343</u>
90° SAE 法兰 3000 PSI	<u>90° SAE FLANGE 3000 PSI</u>	<u>87391</u>
90° SAE 法兰 3000 PSI	<u>90° SAE FLANGE 3000 PSI</u>	<u>87392</u>
90° SAE 法兰 3000 PSI	<u>90° SAE FLANGE 3000 PSI</u>	<u>87393</u>
SAE 法兰 6000 PSI	<u>SAE FLANGE 6000 PSI</u>	<u>87611</u>
SAE 法兰 6000 PSI	<u>SAE FLANGE 6000 PSI</u>	<u>87612</u>
SAE 法兰 6000 PSI	<u>SAE FLANGE 6000 PSI</u>	<u>87613</u>
45° SAE 法兰 6000 PSI	<u>45° SAE FLANGE 6000 PSI</u>	<u>87641</u>
45° SAE 法兰 6000 PSI	<u>45° SAE FLANGE 6000 PSI</u>	<u>87642</u>
45° SAE 法兰 6000 PSI	<u>45° SAE FLANGE 6000 PSI</u>	<u>87643</u>
90° SAE 法兰 6000 PSI	<u>90° SAE FLANGE 6000 PSI</u>	<u>87691</u>

类 别	Type	代号 PART NO.
90° SAE 法兰 6000 PSI	90° SAE FLANGE 6000 PSI	87692
90° SAE 法兰 6000 PSI	90° SAE FLANGE 6000 PSI	87693
法兰 9000 PSI	FLANGE 9000 PSI	87912
SAE 法兰 9000 PSI	SAE FLANGE 9000 PSI	87913
45°法兰 9000 PSI	45°FLANGE 9000 PSI	87942
45° SAE 法兰 9000 PSI	45° SAE FLANGE 9000 PSI	87943
90°法兰 9000 PSI	90°FLANGE 9000 PSI	87992
90° SAE 法兰 9000 PSI	90° SAE FLANGE 9000 PSI	87993
日制法兰	JIS FLANGE	88111
45°日制法兰	45° JIS FLANGE	88141
90°日制法兰	90° JIS FLANGE	88191
双面连接芯	DOUBLE CONNECTOR	90011
双面连接芯	DOUBLE CONNECTOR	90012
双面连接芯	DOUBLE CONNECTOR	90013
SAE 对开法兰夹 3000 PSI	SAE SPLIT FLANGE CLAMPS	FL-FS
DIN 轻系列卡套螺母	DIN RETAINING NUT L.T.	NL-NS
卡套	CUTTING RINGS DIN 3861	RL-RS

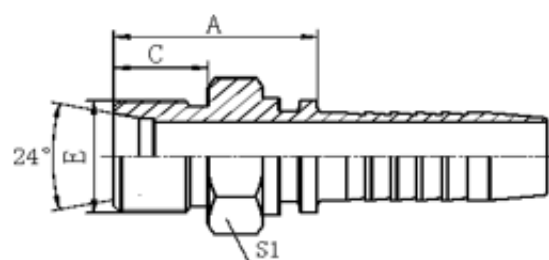


10311

O-RING METRIC MALE FLAT SEAL

	E	HOSE BORE		DIMENSIONS		
PART NO.	THREAD E	DN	DASH	A	C	S1
10311-12-04	M12X1.25	6	4	22.5	10	14
10311-14-04	M14X1.5	6	4	23.5	11	17
10311-16-04	M16X1.5	6	4	23.5	11	17
10311-16-05	M16X1.5	8	5	23.5	11	17
10311-16-06	M16X1.5	10	6	23.5	11	17
10311-18-06	M18X1.5	10	6	23.5	11	19
10311-22-05	M22X1.5	8	5	27	12	24
10311-22-06	M22X1.5	10	6	26	12	24
10311-22-08	M22X1.5	12	8	26.5	12	24
10311-27-10	M27X1.5	16	10	31.5	13	30
10311-30-12	M30X1.5	20	12	33.5	14	32
10311-36-12	M36X2	20	12	35.5	16	38
10311-36-14	M36X2	22	14	35.5	16	38
10311-39-16	M39X2	25	16	39	16	41
10311-45-20	M45X2	32	20	44.5	20	46
10311-52-24	M52X2	40	24	47.5	22	55
10311-64-32	M64X2	50	32	52.5	27	65

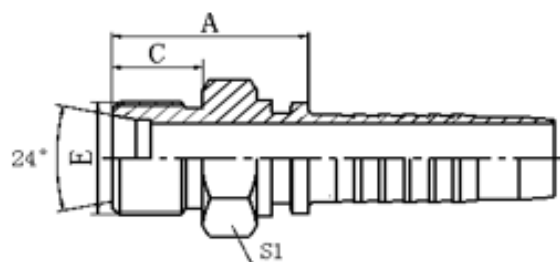
Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is 10312-xx-xx.



10411

METRIC MALE 24° CONE SEAT L.T.DIN 3853

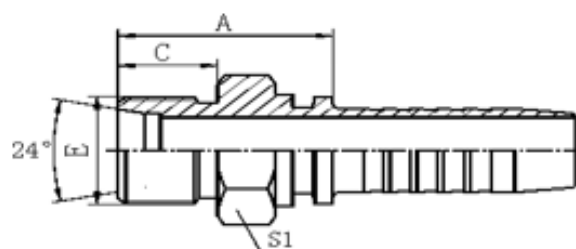
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S1
10411-1-204	M12X1.5	6	4	6	20.5	10	12
10411-1-404	M14X1.5	6	4	8	20.5	10	14
10411-1-405	M14X1.5	8	5	8	21.5	10	14
10411-1-604	M16X1.5	6	4	10	22.5	11	17
10411-1-605	M16X1.5	8	5	10	22.5	11	17
10411-1-606	M16X1.5	10	6	10	22.5	11	17
10411-1-805	M18X1.5	8	5	12	23.5	11	19
10411-1-806	M18X1.5	10	6	12	21.5	11	19
10411-2-206	M22X1.5	10	6	15	24.5	12	24
10411-2-208	M22X1.5	12	8	15	26	12	24
10411-2-608	M26X1.5	12	8	18	26.5	12	27
10411-2-610	M26X1.5	16	10	18	27	12	27
10411-2-710	M27X1.5	16	10	18	32	14	30
10411-3-010	M30X2	16	10	22	29	14	32
10411-3-012	M30X2	20	12	22	29	14	32
10411-3-616	M36X2	25	16	28	31.5	14	38
10411-4-520	M45X2	32	20	35	36	16	46
10411-5-224	M52X2	40	24	42	38	16	55



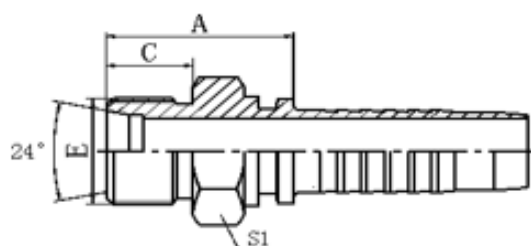
10412

METRIC MALE 24° CONE SEAT L.T. DIN3853

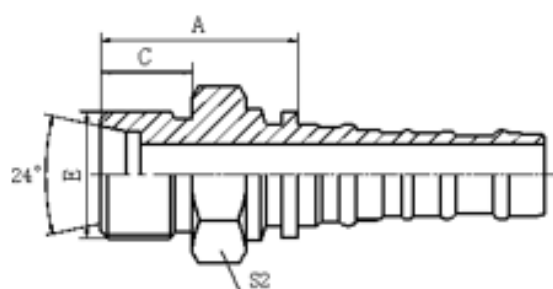
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS	
		DN	DASH		A	S1
10412-14-04	M14X1.5	6	4	8	22.5	14
10412-16-05	M16X1.5	8	5	10	24	17
10412-18-06	M18X1.5	10	6	12	25	19
10412-22-08	M22X1.5	12	8	15	26	24
10412-26-10	M26X1.5	16	10	18	28	27
10412-30-12	M30X2	20	12	22	30.3	32
10412-36-16	M36X2	25	16	28	32	41
10412-45-20	M45X2	32	20	35	36.5	46
10412-52-24	M52X2	40	24	42	38	55

**10511****METRIC MALE 24° CONE SEAT H.T.DIN3853**

PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S1
10511-14-04	M14X1.5	6	4	6	241	12	14
10511-16-04	M16X1.5	6	4	8	26.5	12	17
10511-18-04	M18X1.5	6	4	10	26.5	12	19
10511-20-05	M20X1.5	8	5	12	27	12	22
10511-20-06	M20X1.5	10	6	12	26.5	12	22
10511-22-05	M22X1.5	8	5	14	30.5	14	24
10511-22-06	M22X1.5	10	6	14	30.5	14	24
10511-22-08	M22X1.5	12	8	14	31	14	24
10511-24-08	M24X1.5	12	8	16	31.5	14	27
10511-30-10	M30X2	16	10	20	36	16	32
10511-30-12	M30X2	20	12	20	36	16	32
10511-36-12	M36X2	20	12	25	40.5	18	41
10511-36-16	M36X2	25	16	25	41.5	18	38
10511-42-16	M42X2	25	16	30	44	20	46
10511-42-20	M42X2	32	20	30	45	20	46
10511-52-20	M52X2	32	20	38	50	22	55

**10512****METRIC MALE 24° CONE SEAT H.T. DIN3853**

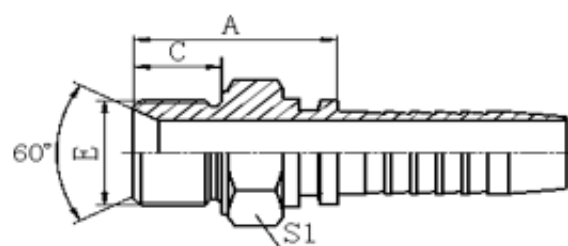
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS	
		DN	DASH		A	S1
10512-16-04	M16X1.5	6	4	8	27.5	17
10512-18-04	M18X1.5	6	4	10	27.5	19
10512-20-05	M20X1.5	8	5	12	30	22
10512-22-06	M22X1.5	10	6	14	32	24
10512-24-08	M24X1.5	12	8	16	30	27
10512-30-10	M30X2	16	10	20	37.5	32
10512-36-12	M36X2	20	12	25	41.8	41
10512-42-16	M42X2	25	16	30	44	46
10512-52-20	M52X2	32	20	38	50.5	55



10513

METRIC MALE 24° CONE SEAT H.T.

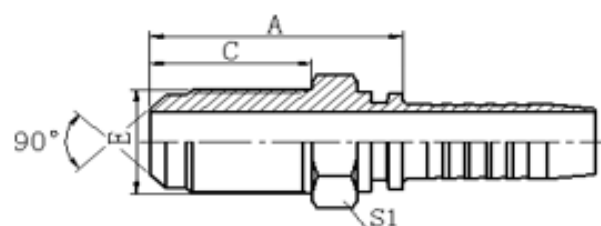
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	Select
10513-36-12	M36X2	20	12	25	43.5	20	38
10513-42-16	M42X2	25	16	30	46.4	20	46
10513-52-20	M52X2	32	20	38	52.8	22	55



10611

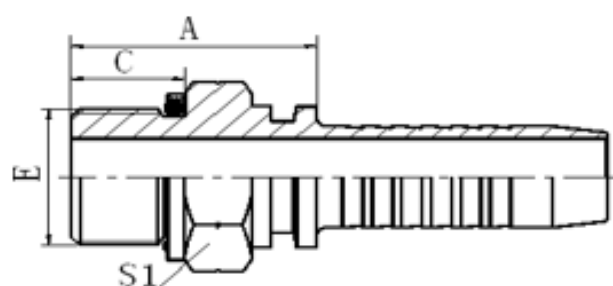
METRIC MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
10611-1-404	M14X1.5	6	4	23.5	11	19
10611-1-406	M14X1.5	10	6	24	11	19
10611-1-604	M16X1.5	6	4	27.5	12	22
10611-1-605	M16X1.5	8	5	26.5	12	22
10611-1-806	M18X1.5	10	6	29.5	12	24
10611-2-206	M22X1.5	10	6	30.5	14	27
10611-2-208	M22X1.5	12	8	32	14	27
10611-2-410	M24X1.5	16	10	35	14	30
10611-2-610	M26X1.5	16	10	35	16	32
10611-27-10D	M27X1.5	16	10	35	16	32
10611-2-710	M27X2	16	10	37	18	32
10611-30-12D	M30X1.5	20	12	38	18	36
10611-3-012	M30X2	20	12	38	18	36
10611-3-316	M33X2	25	16	43	20	46
10611-4-220	M42X2	32	20	46	20	50
10611-4-520	M45X2	32	20	46	20	55
10611-4-824	M48X2	40	24	46	20	55
10611-5-224	M52X2	40	24	46	20	60

**10811L, 10811L-LN**

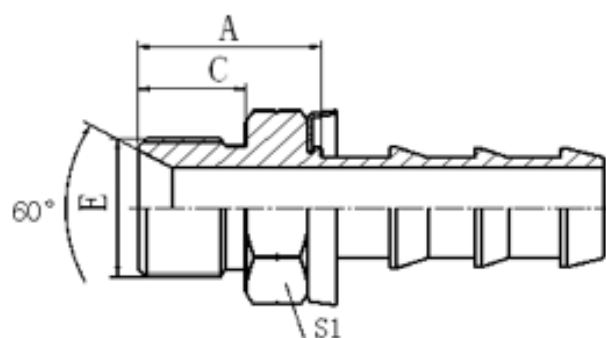
METRIC MALE 90° CONE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	S1	S2
10811L-12-04	M12X1.5	6	4	46	34	17	17
10811L-12-04A	M12X1	6	4	44.5	32.5	17	17
10811L-14-04	M14X1.5	6	4	46	34	17	19
10811L-14-06	M14X1.5	10	6	46.5	34	17	19
10811L-16-04	M16X1.5	6	4	46.5	34	19	22
10811L-16-06	M16X1.5	10	6	46.5	34	22	22
10811L-20-06	M20X1.5	10	6	57	40	27	27
10811L-20-08	M20X1.5	12	8	57.5	40	27	27
10811L-22-08	M22X1.5	12	8	62.5	45	27	27

**12211**

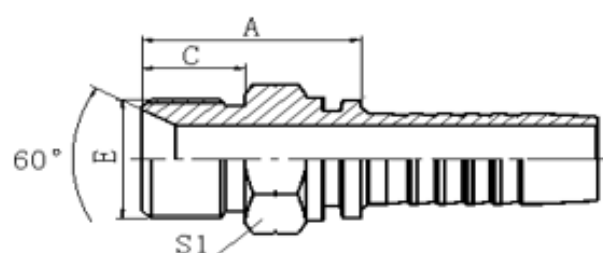
BSP ALE O-RING SEAL

PART NO.	THREAD E	HOSE BORE		O-RING	DIMENSIONS		
		DN	DASH		A	C	S1
12211-04-04	G1/4"X19	6	4	O111	23.5	11	19
12211-04-06	G1/4"X19	10	6	O111	23.5	11	19
12211-06-06	G3/8"X19	10	6	O113	26.5	12	22
12211-08-04	G1/2"X14	6	4	O115	33.5	14	27
12211-08-06	G1/2"X14	10	6	O115	33.5	14	27
12211-08-08	G1/2"X14	12	8	O115	34	14	27
12211-10-10	G5/8"X14	16	10	O910	36	15.5	30
12211-12-10	G3/4"X14	16	10	O119	33.5	15.5	32
12211-12-12	G3/4"X14	20	12	O119	38	15.5	32
12211-12-16	G3/4"X14	25	16	O119	36	15.5	32
12211-16-16	G1"X11	25	16	O217	44.5	18.5	41
12211-20-20	G1.1/4"X11	32	20	O222	46	20	50



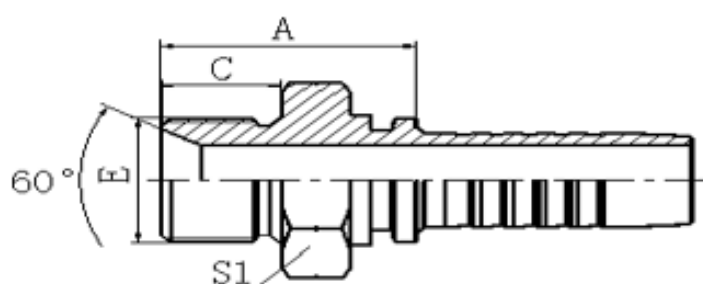
12611-PO
BSP MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S1
12611-04-04PO	G1/4"X19	6	4	20	14
12611-06-06PO	G3/8"X19	10	6	22	17
12611-08-08PO	G1/2"X14	12	8	26.5	22
12611-10-10PO	G5/8"X14	16	10	27.5	24
12611-12-12PO	G3/4"X14	20	12	29.9	27



12611
BSP MALE 60° CONE SEAT

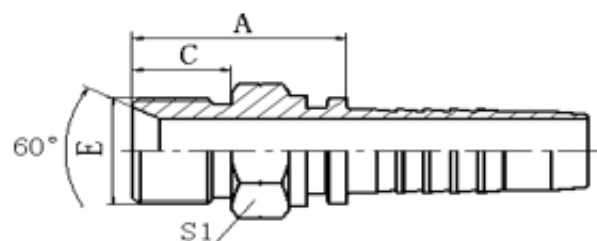
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
12611-02-03	G1/8"X28	5	3	22	10	12
12611-04-04	G1/4"X19	6	4	24.5	12	14
12611-06-05	G3/8"X19	8	5	26	13.5	17
12611-06-06	G3/8"X19	10	6	27.5	13.5	17
12611-06-08	G3/8"X19	12	8	26.5	13.5	19
12611-08-06	G1/2"X14	10	6	30.5	16	22
12611-08-08	G1/2"X14	12	8	31	16	22
12611-10-08	G5/8"X14	12	8	32.5	17.5	24
12611-10-10	G5/8"X14	16	10	33.5	17.5	24
12611-12-08	G3/4"X14	12	8	35.5	18.5	27
12611-12-10	G3/4"X14	16	10	37	18.5	27
12611-12-12	G3/4"X14	20	12	36.5	18.5	27
12611-16-12	G1"X11	20	12	40.5	20.5	36
12611-16-16	G1"X11	25	16	41.5	20.5	36
12611-20-16	G1.1/4"X11	25	16	43.5	20.5	46
12611-20-20	G1.1/4"X11	32	20	44.5	20.5	46
12611-24-20	G1.1/2"X11	32	20	49	23	50
12611-24-24	G1.1/2"X11	40	24	46	23	50
12611-32-32	G2"X11	50	32	53.5	25.5	65



12611A

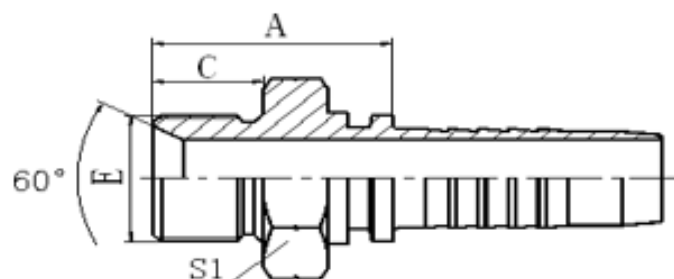
BSP MALE DOUBLE USE FOR 60° CONE SEAT OR BONDED SEAL

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
12611A-02-03	G1/8"X28	5	3	22	10	14
12611A-04-04	G1/4"X19	6	4	24.5	12	19
12611A-04-05	G1/4"X19	8	5	24.5	12	19
12611A-06-05	G3/8"X19	8	5	26	13.5	22
12611A-06-06	G3/8"X19	10	6	28	13.5	22
12611A-06-08	G3/8"X19	12	8	28.5	13.5	22
12611A-08-06	G1/2"X14	10	6	33	16	27
12611A-08-08	G1/2"X14	12	8	33.5	16	27
12611A-08-10	G1/2"X14	16	10	32	16	27
12611A-10-08	G5/8"X14	12	8	35	17.5	30
12611A-10-10	G5/8"X14	16	10	36	17.5	30
12611A-12-08	G3/4"X14	12	8	36.5	18.5	32
12611A-12-10	G3/4"X14	16	10	37.5	18.5	32
12611A-12-12	G3/4"X14	20	12	37.5	18.5	32
12611A-16-12	G1"X11	20	12	42.5	20.5	41
12611A-16-16	G1"X11	25	16	43.5	20.5	41
12611A-20-16	G1.1/4"X11	25	16	45.5	20.5	50
12611A-20-20	G1.1/4"X11	32	20	46.5	20.5	50
12611A-24-24	G1.1/2"X11	40	24	49	23	55
12611A-32-32	G2"X11	50	32	54.5	25.5	70

**12612**

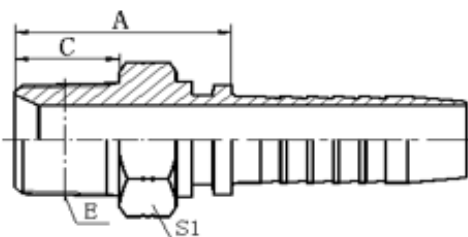
BSP MALE 60° CONE
SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
12612-04-04	G1/4"X19	6	4	25.5	12	14
12612-06-06	G3/8"X19	10	6	27.5	13.5	17
12612-08-08	G1/2"X14	12	8	32	16	22
12612-10-10	G5/8"X14	16	10	34	17.5	24
12612-12-12	G3/4"X14	20	12	37.8	18.5	27
12612-16-16	G1"X11	25	16	42.5	20.5	36
12612-20-20	G1.1/4"X11	32	20	45	20.5	46
12612-24-24	G.1/2"X11	40	24	49	23	50
12612-32-32	G2"X11	50	32	54.5	25.5	65

**12612A**

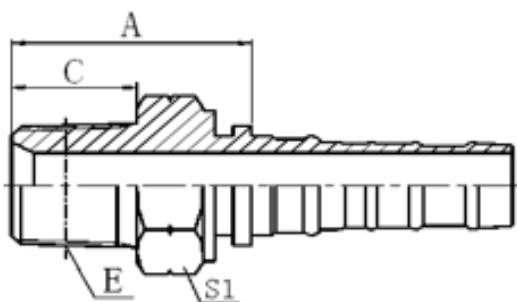
BSP MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
12612A-04-04	G1/4"X19	6	4	25.5	12	19
12612A-06-06	G3/8"X19	10	6	29.5	13.5	22
12612A-08-08	G1/2"X14	12	8	34	16	27
12612A-10-10	G5/8"X14	16	10	36	17.5	30
12612A-12-12	G3/4"X14	20	12	39	18.5	32
12612A-16-16	G1"X11	25	16	44.5	20.5	41
12612A-20-20	G1.1/4"X11	32	20	47	20.5	50
12612A-24-24	G.1/2"X11	40	24	49	23	55
12612A-32-32	G2"X11	50	32	54.5	25.5	70



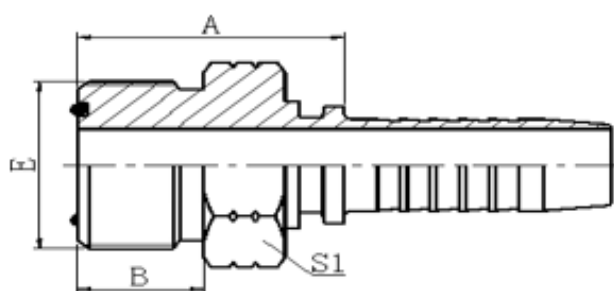
13011-SP
BSPT MALE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
13011-02-03SP	R1/8"X28	5	3	22	10	12
13011-02-04SP	R1/8"X28	6	4	22.5	10	12
13011-04-04SP	R1/4"X19	6	4	27	14.5	14
13011-04-05SP	R1/4"X19	8	5	25	15.4	14
13011-04-06SP	R1/4"X19	10	6	27	14.5	17
13011-06-04SP	R3/8"X19	6	4	27.5	15	17
13011-06-05SP	R3/8"X19	8	5	26.5	15	17
13011-06-06SP	R3/8"X19	10	6	27.5	15	17
13011-06-08SP	R3/8"X19	12	8	30	15	19
13011-08-06SP	R1/2"X14	10	6	34.5	20	22
13011-08-08SP	R1/2"X14	12	8	35	20	22
13011-08-10SP	R1/2"X14	16	10	38	20	22
13011-08-12SP	R1/2"X14	20	12	38	20	27
13011-12-08SP	R3/4"X14	12	8	37	20	27
13011-12-10SP	R3/4"X14	16	10	38	20	27
13011-12-12SP	R3/4"X14	20	12	38.5	20	27
13011-12-16SP	R3/4"X14	25	16	39.5	20	32
13011-16-12SP	R1"X11	20	12	44	25.5	36
13011-16-16SP	R1"X11	25	16	45	25.5	36
13011-20-20SP	R1.1/4"X11	32	20	49.5	26.5	46



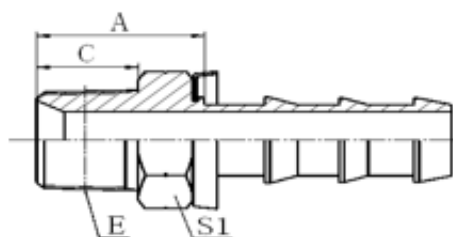
13013-SP
BSPT MALE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
13013-12-12SP	R3/4"X14	20	12	38	20	30
13013-16-16SP	R1"X11	25	16	45.9	25.5	38
13013-20-20SP	R1.1/4"X11	32	20	51.3	26.5	46
13013-24-24SP	R1.1/2"X11	40	24	53.2	26.5	50
13013-32-32SP	R2"X11	50	32	58.5	30	65



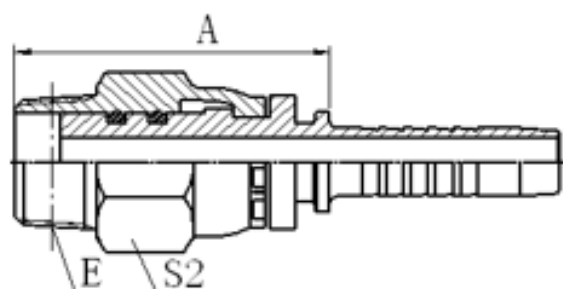
14211
ORFS MALE O-RING SEAL

PART NO.	THREAD	HOSE BORE		O-RING	DIMENSIONS		
		DN	DASH		A	B	S1
14211-04-04	9/16"X18	6	4	O011	22.3	9.8	17
14211-06-04	11/16"X16	6	4	O012	24	11.2	19
14211-06-06	11/16"X16	10	6	O012	24	11.2	19
14211-08-06	13/16"X16	10	6	O014	27.5	12.8	22
14211-08-08	13/16"X16	12	8	O014	28.5	12.8	22
14211-08-10	13/16"X16	16	10	O014	28.5	12.8	22
14211-10-08	1"X14	12	8	O016	32.5	15.5	27
14211-10-10	1"X14	16	10	O016	34	15.5	27
14211-12-08	1.3/16"X12	12	8	O018	35.5	17	32
14211-12-10	1.3/16"X12	16	10	O018	36.5	17	32
14211-12-12	1.3/16"X12	20	12	O018	36.5	17	32
14211-16-12	1.7/16"X12	20	12	O021	37	17.5	38
14211-16-16	1.7/16"X12	25	16	O021	38.5	17.5	38
14211-20-20	1.11/16"X12	32	20	O025	41.5	17.5	46
14211-24-24	2"X12	40	24	O029	43.5	17.5	55



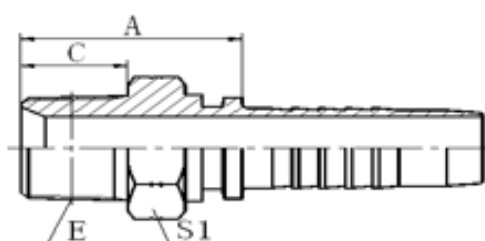
15611-PO
NPT MALE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
15611-02-04PO	Z 1/8"X27	6	4	16.5	10.5	12
15611-04-04PO	Z 1/4"X18	6	4	21.1	15	14
15611-04-06PO	Z 1/4"X18	10	6	22.6	15	14
15611-06-06PO	Z 3/8"X18	10	6	22.6	16	19
1561-106-08PO	Z 3/8"X18	12	8	22.6	16	19
15611-08-08PO	Z 1/2"X14	12	8	29	19.5	22
15611-08-10PO	Z 1/2"X14	16	10	29	19.5	22
15611-12-12PO	Z 3/4"X14	20	12	30.7	19.5	27



15611SX
NPT SWIVEL MALE

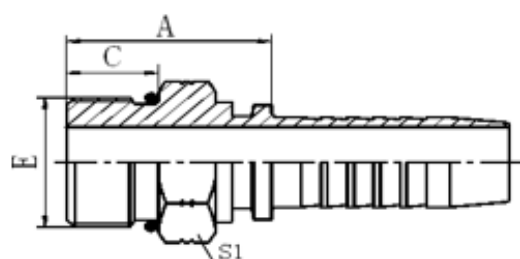
PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
15611SW-04-04	Z1/4"X18	6	4	56	19
15611SW-06-06	Z3/8"X18	10	6	60	22
15611SW-08-08	Z1/2"X14	12	8	66	27
15611SW-12-12	Z3/4"X14	20	12	68.4	32



15612
NPT MALE

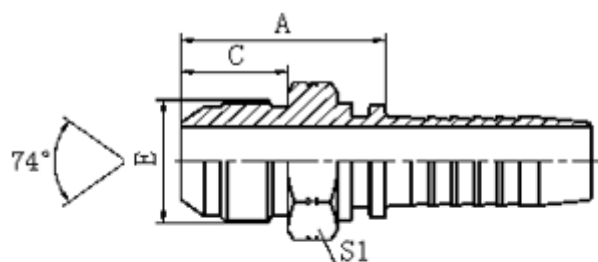
PART NO.	THREAD	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S1
15612-04-04	Z1/4"X18	6	4	28.5	17
15612-06-04	Z3/8"X18	6	4	31	19
15612-06-06	Z3/8"X18	10	6	30	19
15612-08-08	Z1/2"X14	12	8	35.5	22
15612-12-12	Z3/4"X14	20	12	38.8	30
15612-16-16	Z 1"X11.5	25	16	45	36
15612-20-20	Z1.1/4"X11.5	32	20	51	46
15612-24-24	Z1.1/2"X11.5	40	24	52.5	50
15612-32-32	Z 2"X11.5	50	32	56	65

Note: use with spiral hose, hose fitting series number is G-15612-xx-xx.

**16011**

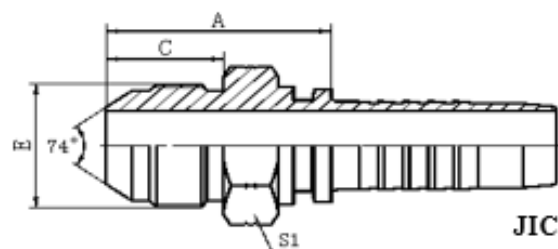
SAE O-RING MALE

PART NO.	THREAD E	HOSE BORE		O RING		DIMENSIONS	
		DN	DASH		A	C	S1
16011-04-04	7/16"X20	6	4	O904	21.5	9.1	14
16011-05-04	1/2"X20	6	4	O905	21.5	9.1	17
16011-06-05	9/16"X18	8	5	O906	22.5	9.9	17
16011-06-06	9/16"X18	10	6	O906	22.5	9.9	17
16011-08-06	3/4"X16	10	6	O908	24.5	11.1	22
16011-08-08	3/4"X16	12	8	O908	25	11.1	22
16011-10-08	7/8"X14	12	8	O910	29.5	12.7	27
16011-10-10	7/8"X14	16	10	O910	30.5	12.7	27
16011-12-10	1.1/16"X12	16	10	O912	34	15.1	32
16011-12-12	1.1/16"X12	20	12	O912	34	15.1	32
16011-16-16	1.5/16"X12	25	16	O916	36	15.1	38

**16711**

JIC MALE 74° CONE

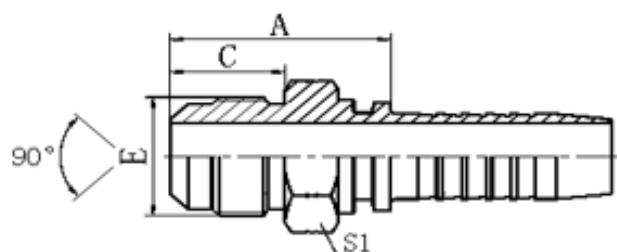
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
16711-04-03	7/16"X20	5	3	26	14	12
16711-04-04	7/16"X20	6	4	26.5	14	12
16711-05-04	1/2"X20	6	4	26.5	14	14
16711-05-05	1/2"X20	8	5	26.5	14	14
16711-0-50 6	1/2"X20	10	6	26.5	14	17
16711-06-04	9/16"X18	6	4	26.5	14.1	17
16711-06-05	9/16"X18	8	5	26.5	14.1	17
16711-06-06	9/16"X18	10	6	26.5	14.1	17
16711-08-06	3/4"X16	10	6	31.5	16.7	22
16711-08-08	3/4"X16	12	8	32	16.7	22
16711-10-06	7/8"X14	10	6	32	19.3	24
16711-10-08	7/8"X14	12	8	34.3	19.3	24
16711-10-10	7/8"X14	16	10	35.5	19.3	24
16711-12-08	1.1/16"X12	12	8	39	21.9	30
16711-12-10	1.1/16"X12	16	10	40	21.9	30
16711-12-12	1.1/16"X12	20	12	40	21.9	30
16711-12-16	1.1/16"X12	25	16	41	21.9	30
16711-14-10	1.3/16"X12	16	10	41.5	22.6	32
16711-14-12	1.3/16"X12	20	12	40.6	22.6	32
16711-16-12	1.5/16"X12	20	12	42.5	23.1	36

**16712**

JIC MALE 74° CONE

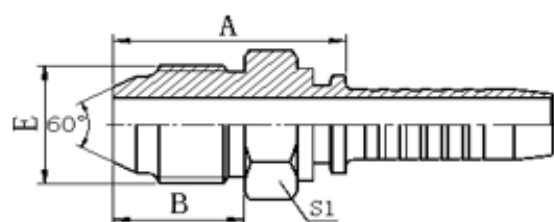
PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S1
16712-04-04	7/16"X20	6	4	27.5	12
16712-06-06	9/16"X18	10	6	28	17
16712-08-08	3/4"X16	12	8	33	22
16712-10-10	7/8"X14	16	10	36	24
16712-12-12	1.1/16"X12	20	12	41.3	30
16712-14-12	1.3/16"X12	20	12	42.8	32
16712-16-16	1.5/16"X12	25	16	44.5	36
16712-20-20	1.5/8"X12	32	20	48	46
16712-32-32	2.1/2"X12	50	32	63	65

Note: use with spiral hose, hose fitting series number is 16712-xx-xx.

**17811**

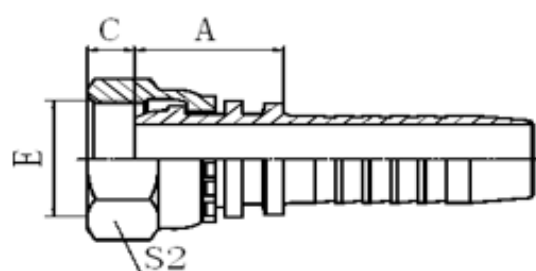
SAE MALE 90° CONE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
17811-04-04	7/16"X20	6	4	25.5	12.7	12
17811-05-05	1/2"X20	8	5	27	14.2	14
17811-06-06	5/8"X18	10	6	28.5	15.7	17
17811-08-08	3/4"X16	12	8	34	19	22
17811-10-10	7/8"X14	16	10	38.5	22.4	24
17811-12-12	1.1/16"X14	20	12	43.5	25.4	30

**18611**

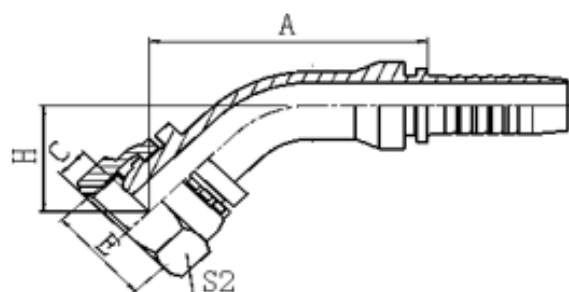
JIS METRIC MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	B	S1
18611-14-04	M14X1.5	6	4	29.5	17	17
18611-14-06	M14X1.5	10	6	29.5	17	17
18611-16-04	M16X1.5	6	4	30.5	18	17
18611-16-06	M16X1.5	10	6	30.5	18	17
18611-18-06	M18X1.5	10	6	30.5	18	19
18611-20-08	M20X1.5	12	8	35	20	22
18611-22-08	M22X1.5	12	8	35	20	24
18611-24-10	M24X1.5	16	10	39.5	21.5	27
18611-30-12	M30X1.5	20	12	45	26	32
18611-33-16	M33X1.5	25	16	50.5	30	36
18611-36-20	M36X1.5	32	20	55	33	38
18611-42-24	M42X1.5	40	24	60	36	46

**20111 20111-T**

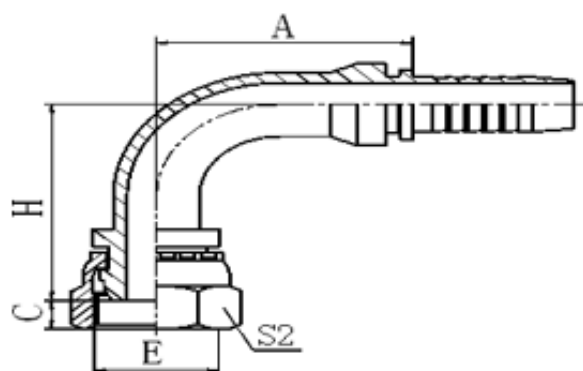
METRIC FEMALE MULTISEAL

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
20111-10-03	M10X1	5	3	18	2.5	14
20111-10-04	M10X1	6	4	18	2.5	14
20111-12-04	M12X1.5	6	4	18.5	4	17
20111-12-05	M12X1.5	8	5	18.5	4	17
20111-14-04	M14X1.5	6	4	19.5	4.5	19
20111-14-05	M14X1.5	8	5	19.5	4.5	19
20111-16-04	M16X1.5	6	4	19.5	4.5	22
20111-16-05	M16X1.5	8	5	20	4.5	22
20111-16-06	M16X1.5	10	6	20	4.5	22
20111-18-05T	M18X1.5	8	5	21.5	4	24
20111-18-06	M18X1.5	10	6	21.5	4	24
20111-18-08	M18X1.5	12	8	22	4	24
20111-20-06T	M20X1.5	10	6	20.5	5.5	24
20111-20-08	M20X1.5	12	8	23	5.5	27
20111-22-06T	M22X1.5	10	6	23	5	27
20111-22-08	M22X1.5	12	8	23.5	5	27
20111-22-10	M22X1.5	16	10	24.5	5	27
20111-24-08T	M24X1.5	12	8	22	5.5	30
20111-24-10	M24X1.5	16	10	26	5	30
20111-27-08DT	M27X1.5	12	8	23	5.5	32



20141, 20141-T
45° METRIC FEMALE MULTISEAL

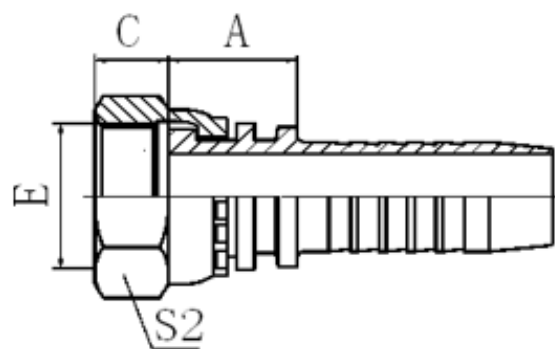
PART NO.	THREAD E	HOSE BORE		FF		DIMENSIONS	
		DN	DASH	A	C	H	S2
20141-1-003	M10X1	5	3	41.1	2.5	20.7	14
20141-1-004	M10X1	6	4	43.2	2.5	21.5	14
20141-1-203	M12X1.5	5	3	40.9	4	21.2	17
20141-1-204	M12X1.5	6	4	43	4	22	17
20141-1-404	M14X1.5	6	4	43.4	4.5	21.3	19
20141-1-405	M14X1.5	8	5	45.5	4.5	22.2	19
20141-1-604	M16X1.5	6	4	43.7	4.5	21.4	22
20141-1-605	M16X1.5	8	5	45.8	4.5	22.5	22
20141-1-606	M16X1.5	10	6	47.4	4.5	24.1	22
20141-18-05T	M18X1.5	8	5	46.8	4	22.6	24
20141-1-806	M18X1.5	10	6	48.5	4	24.2	24
20141-1-808	M18X1.5	12	8	52.2	4	25.7	24
20141-20-06T	M20X1.5	10	6	48.2	5.5	23.9	27
20141-2-008	M20X1.5	12	8	62.1	5.5	27.2	27
20141-22-06T	M22X1.5	10	6	58.4	5	25.7	27
20141-2-208	M22X1.5	12	8	62.1	5	27.2	27
20141-24-08T	M24X1.5	12	8	61.1	5.5	26.1	30
20141-2-410	M24X1.5	16	10	75.4	5	29.6	30
20141-27-10DT	M27X1.5	16	10	74.4	5.5	29.6	32
20141-27-10T	M27X2	16	10	74.4	5.5	29.6	32



20191 20191-T

90° METRIC FEMALE MULTISEAL

PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH	A	C	H	S2
20191-1-003	M10X1	5	3	27	2.5	35.5	14
20191-1-204	M12X1.5	6	4	30	4	37.5	17
2019-114-04	M14X1.5	6	4	30	4.5	38	19
20191-1-405	M14X1.5	8	5	33	4.5	41	19
20191-1-604	M16X1.5	6	4	30	4.5	38.5	19
20191-1-605	M16X1.5	8	5	33	4.5	41.5	22
20191-1-606	M16X1.5	10	6	35.3	4.5	43.8	22
20191-18-05T	M18X1.5	8	5	33	4	43	24
20191-1-806	M18X1.5	10	6	35.3	4	45.3	24
20191-1-808	M18X1.5	12	8	40.5	4	50.5	24
20191-20-06T	M20X1.5	10	6	35.3	5.5	44.8	24
20191-2-008	M20X1.5	12	8	41	5.5	52	27
20191-22-06T	M22X1.5	10	6	35.8	5	76.8	27
20191-2-20 8	M22X1.5	12	8	41	5	52.5	27
20191-24-08T	M24X1.5	12	8	41	5.5	51	30
20191-2-410	M24X1.5	16	10	58	5	58.5	30
20191-27-10DT	M27X1.5	16	10	56	5.5	55.5	32
20191-27-10T	M27X2	16	10	56	5.5	55.5	32
20191-30-12D	M30X1.5	20	12	67.5	6	68.5	36
20191-3-012	M30X2	20	12	67.5	6	68.5	36

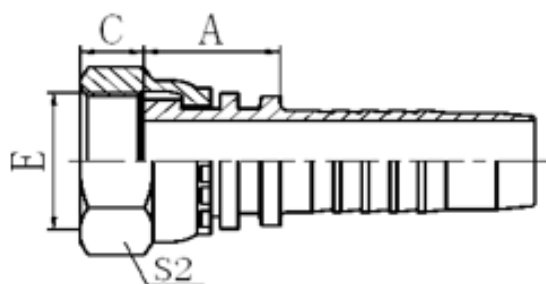


20211 20211-T

GB METRIC FEMALE FLAT SEAT

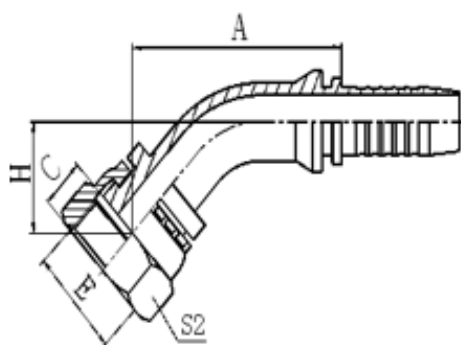
REF. GB/T 9065.3

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	f° DASH	A	C	S2
20211-1-002	M10X1	4	2	14	6	14
20211-1-203	M12X1.25	5	3	14	8	17
20211-1-404	M14X1.5	6	4	15.5	8.5	19
20211-1-405	M14X1.5	8	5	15.5	8.5	19
20211-1-604	M16X1.5	6	4	16.5	8	22
20211-1-605	M16X1.5	8	5	16.5	8	22
20211-1-606	M16X1.5	10	6	16.5	8	22
20211-18-05T	M18X1.5	8	5	17.5	8	24
20211-1-806	M18X1.5	10	6	17.5	8	24
20211-20-06T	M20X1.5	10	6	16	10	24
20211-2-008	M20X1.5	12	8	18.5	10	27
20211-22-06T	M22X1.5	10	6	16	10	27
20211-2-208	M22X1.5	12	8	18.5	10	27
20211-2-210	M22X1.5	16	10	19.5	10	27
20211-24-08T	M24X1.5	12	8	16.5	11	30
20211-2-410	M24X1.5	16	10	20.5	10.5	30
20211-27-08T	M27X1.5	12	8	18.5	10	32
20211-27-10T	M27X1.5	16	10	19.5	10	32
20211-3-012	M30X1.5	20	12	21.5	11	36
20211-3-314	M33X2	22	14	21.5	13	41



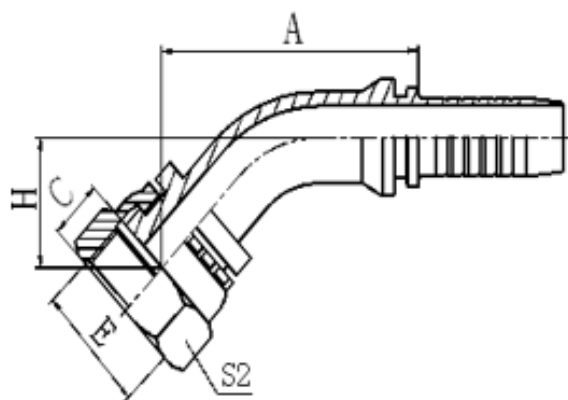
20212 20212-T
GB METRIC FEMALE FLAT SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
20212-12-04	M12X1.25	6	4	15.5	17
20212-14-04	M14X1.5	6	4	16.5	19
20212-14-05	M14X1.5	8	5	17	19
20212-16-05	M16X1.5	8	5	18	22
20212-18-06	M18X1.5	10	6	19	24
20212-22-08	M22X1.5	12	8	19.5	27
20212-27-10	M27X1.5	16	10	22	32
20212-30-12	M30X1.5	20	12	22.8	36
20212-36-12T	M36X2	20	12	21.3	41
20212-3-61 4T	M36X2	22	14	22	41
20212-39-14T	M39X2	22	14	24.5	46
20212-39-16T	M39X2	25	16	24.5	46
20212-42-20	M42X2	32	20	26.5	50
20212-45-20T	M45X2	32	20	25.5	55
20212-52-24T	M52X2	40	24	25	60
20212-60-24T	M60X2	40	24	25	70
20212-60-28T	M60X2	45	28	27	70
20212-64-32T	M64X2	50	32	27	75



20231 20231-T
30° METRIC FEMALE FLAT SEAT
REF. GB/T 9065.3

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
20231-22-08	M22X1.5	12	8	63.3	10	15	27
20231-27-10T	M27X1.5	16	10	73.7	10	15.1	32
20231-30-12	M30X1.5	20	12	84.4	11	18.6	36
20231-36-12T	M36X2	20	12	92.5	13	18.8	41
20231-39-16T	M39X2	25	16	90.2	13	17.8	46
20231-45-20T	M45X2	32	20	102.8	15	20	55
20231-52-24T	M52X2	40	24	116.2	17	21.8	60

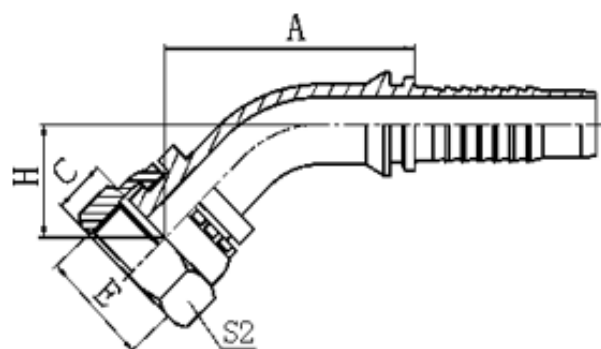


20241 20241-T

45° METRIC FEMALE FLAT SEAT

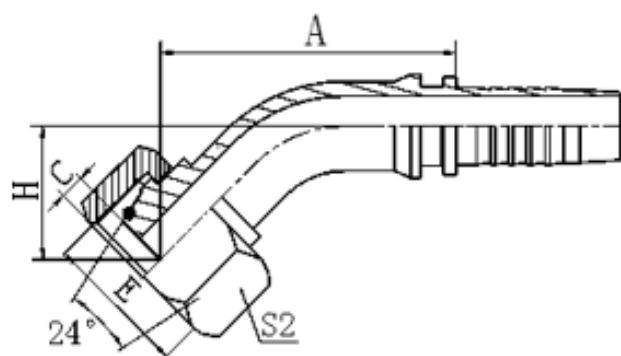
REF. GB/T 9065.3

PART NO.	THREAD E	HOSE BORE				DIMENSIONS	
		DN	DASH	A	C	H	S2
20241-14-04	M14X1.5	6	4	40.5	8.5	18.5	19
20241-14-05	M14X1.5	8	5	42.7	8.5	19.3	19
20241-16-05	M16X1.5	8	5	44.4	8.5	20	22
20241-18-06	M18X1.5	10	6	45.7	8	21.4	24
20241-22-08	M22X1.5	12	8	58.9	10	24	27
20241-27-10T	M27X1.5	16	10	71.2	10	26.4	32
20241-30-12	M30X1.5	20	12	78.1	11	30	36
20241-36-12T	M36X2	20	12	75	13	27.5	41
20241-36-14T	M36X2	22	14	77.3	13	27	41
20241-36-16	M36X2	25	16	85.7	13	31.5	41
20241-39-16T	M39X2	25	16	83.9	13	29.7	46
20241-42-20	M42X2	32	20	97.3	15	36.6	50
20241-45-20T	M45X2	32	20	94.5	15	33.8	55
20241-52-20T	M52X2	32	20	94.5	17	33.8	60
20241-52-24T	M52X2	40	24	108.5	17	37.7	60
20241-60-28T	M60X2	45	28	118.7	20	43.6	70
20241-64-32T	M64X2	50	32	127.8	23	45.6	75



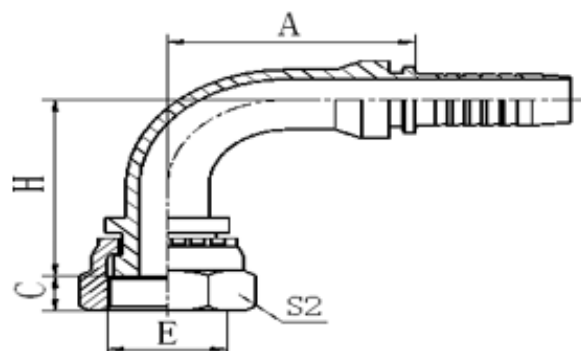
20242 20242-T
45° GB METRIC FEMALE FLAT SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
20242-16-04	M16X1.5	6	4	42.3	19.2	22
20242-18-06	M18X1.5	10	6	47.2	21.4	24
20242-22-08	M22X1.5	12	8	59.9	24	27
20242-27-10	M27X1.5	16	10	71.7	26.4	32
20242-30-12	M30X1.5	20	12	79.4	30	36
20242-36-14T	M36X2	22	14	79.3	27	41
20242-39-16T	M39X2	25	16	86.2	29.7	46
20242-45-20T	M45X2	32	20	96.5	33.8	55
20242-52-24T	M52X2	40	24	108.8	37.7	60
20242-64-32T	M64X2	50	32	128.8	45.6	75



20442 20442-T
45°METRIC FEMALE 24°CONE O-RING L.T.

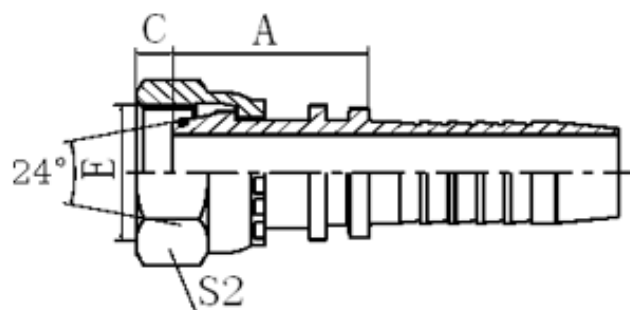
PART NO.	THREAD E	HOSE BORE		Ç	DIMENSIONS		
		DN	DASH	TUBE O.D.	A	H	S2
20442-14-04	M14X1.5	6	4	8	50	27	19
20442-16-05	M16X1.5	8	5	10	53	28.2	22
20442-18-06	M18X1.5	10	6	12	55.7	29.9	24
20442-22-08	M22X1.5	12	8	15	69.1	33.2	27
20442-26-10	M26X1.5	16	10	18	81.2	35.9	32
20442-27-10	M27X1.5	16	10	18	81.2	35.9	32
20442-30-12	M30X2	20	12	22	91.1	41.7	36
20442-36-16	M36X2	25	16	28	98	42.8	41
20442-45-20T	M45X2	32	20	35	100.1	40.8	55
20442-52-24T	M52X2	40	24	42	116.6	45.8	60



20291 20291-T

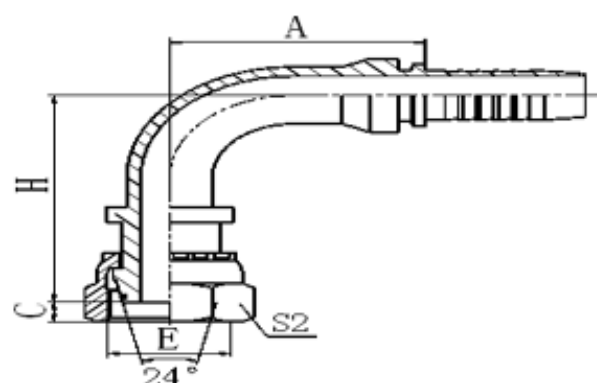
90° METRIC FEMALE FLAT SEAT
REF. GB/T 9065.3

PART NO.	THREAD E	HOSE BORE				DIMENSIONS	
		DN	DASH	A	C	H	S2
20291-12-02	M12X1.25	4	2	26.5	8	30.5	17
20291-12-04	M12X1.25	6	4	30	8	33.5	17
20291-14-04	M14X1.5	6	4	30	8.5	34	19
20291-14-05	M14X1.5	8	5	33	8.5	37	19
20291-16-04	M16X1.5	6	4	30	8	35	22
20291-16-05	M16X1.5	8	5	34	8	38	22
20291-16-06	M16X1.5	10	6	35.3	8	40.3	22
20291-18-05T	M18X1.5	8	5	33	8	39	24
20291-18-06	M18X1.5	10	6	35.75	8	41.3	24
20291-22-08	M22X1.5	12	8	41	10	48	27
20291-22-10	M22X1.5	16	10	57.5	10	53	27
20291-24-08T	M24X1.5	12	8	41	11	45.5	30
20291-27-04T	M27X1.5	6	4	30	10	35.5	32
20291-27-08T	M27X1.5	12	8	41	10	46	32
20291-27-10T	M27X1.5	16	10	56	10	51	32
20291-30-12	M30X1.5	20	12	66.2	11	63.5	36
20291-33-14	M33X2	22	14	71.2	13	65	41
20291-36-14T	M36X2	22	14	71.2	13	61	41
20291-36-16	M36X2	25	16	76.7	13	70	41
20291-39-16T	M39X2	25	16	76.7	13	67.5	46

**20411 20411-T**

METRIC FEMALE 24° CONE O-RING L.T.DIN3865

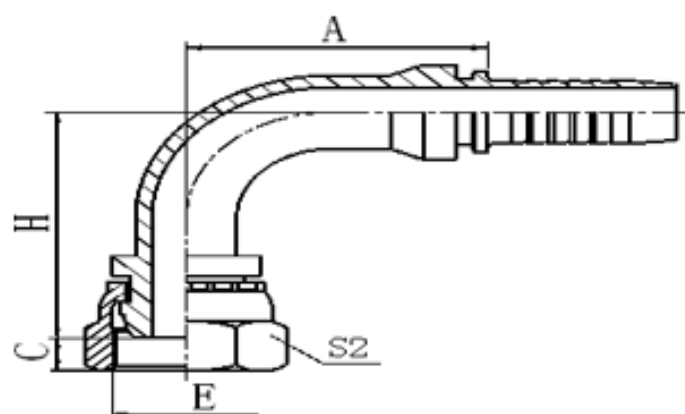
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS		
		DN	DASH			A	C	S2
20411-1-204	M12X1.5	6	4	6	O04.5X1.5	26	1	17
20411-1-404	M14X1.5	6	4	8	O06.5X1.5	27.5	2	19
20411-1-406	M14X1.5	10	6	8	O06.5X1.5	27.5	2	19
20411-1-604	M16X1.5	6	4	10	O08.0X1.5	28	2	22
20411-1-605	M16X1.5	8	5	10	O08.0X1.5	28	2	22
20411-1-606	M16X1.5	10	6	10	O08.0X1.5	28	2	22
20411-1-805T	M18X1.5	8	5	12	O10.0X1.5	27.5	1.8	22
20411-1-806	M18X1.5	10	6	12	O10.0X1.5	29	2.5	24
20411-1-808	M18X1.5	12	8	12	O10.0X1.5	29.5	2.5	24
20411-2-205T	M22X1.5	8	5	15	O12.0X2.0	29.5	2.1	27
20411-2-206T	M22X1.5	10	6	15	O12.0X2.0	29	2.5	27
20411-2-208	M22X1.5	12	8	15	O12.0X2.0	32	2.5	27
20411-2-610	M26X1.5	16	10	18	O15.0X2.0	35	2.5	32
20411-2-612	M26X1.5	20	12	18	O15.0X2.0	35	2.5	32
20411-2-710T	M27X1.5	16	10	18	O15.0X2.0	35	2.5	32
20411-2-712	M27X1.5	20	12	18	O15.0X2.0	35	2.5	32
20411-3-010T	M30X2	16	10	22	O20.0X2.0	35	4	36
20411-3-012	M30X2	20	12	22	O20.0X2.0	38	4	36
20411-3-612T	M36X2	20	12	28	O26.0X2.0	35	4	41
20411-3-614T	M36X2	22	14	28	O26.0X2.0	36	4	41



20491 20491-T

90° METRIC FEMALE 24° CONE O-RING L.T. DIN3865

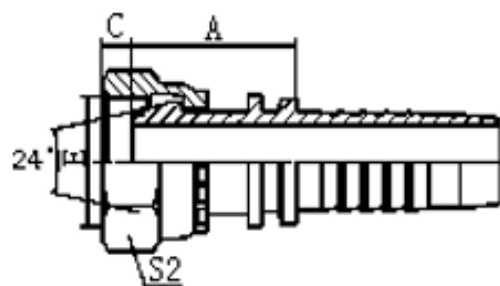
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS			
		DN	DASH			A	C	H	S2
20491-1-203	M12X1.5	5	3	6	O04.5X1.5	26.5	1	41.5	17
20491-1-204	M12X1.5	6	4	6	O04.5X1.5	30	1	44.5	17
20491-1-404	M14X1.5	6	4	8	O06.5X1.5	30	2	46	19
20491-1-604	M16X1.5	6	4	10	O08.0X1.5	30	2	46.5	22
20491-1-605	M16X1.5	8	5	10	O08.0X1.5	33	2	49.5	22
20491-1-606	M16X1.5	10	6	10	O08.0X1.5	35.3	2	51.8	22
20491-1-805T	M18X1.5	8	5	12	O10.0X1.5	33	2.5	42	22
20491-1-806	M18X1.5	10	6	12	O10.0X1.5	35.3	2.5	53.3	24
20491-2-206T	M22X1.5	10	6	15	O12.0X2.0	35.3	2.5	47.3	27
20491-2-208	M22X1.5	12	8	15	O12.0X2.0	41	2.5	61	27
20491-2-608T	M26X1.5	12	8	18	O15.0X2.0	42	2.5	51	32
20491-2-610	M26X1.5	16	10	18	O15.0X2.0	56.5	2.5	67.5	32
20491-2-612	M26X1.5	20	12	18	O15.0X2.0	65.5	2.5	77	32
20491-2-710T	M27X1.5	16	10	18	O15.0X2.0	56.5	2.5	67.5	32
20491-2-712	M27X1.5	20	12	18	O15.0X2.0	65.5	2.5	77	32
20491-3-010T	M30X2	16	10	22	O20.0X2.0	56.5	4	57.2	36
20491-3-012	M30X2	20	12	22	O20.0X2.0	65.5	4	80	36
20491-3-612T	M36X2	20	12	28	O26.0X2.0	65.5	4	69	41
20491-3-614T	M36X2	22	14	28	O26.0X2.0	71.2	4	70	41
20491-4-516T	M45X2	25	16	35	O32.0X2.5	76.7	5	75	55



20491C 20491C-T

90° METRIC FEMALE 24° MULTISEAL L.T.DIN 3868

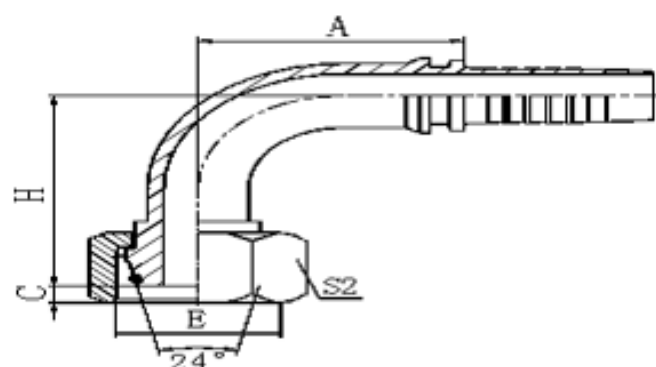
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS			
		DN	DASH		A	C	H	S2
20491C-14-04	M14X1.5	6	4	8	30	3.5	39.5	19
20491C-16-04	M16X1.5	6	4	10	30	3.5	40	22
20491C-16-05	M16X1.5	8	5	10	33	3.5	43	22
20491C-16-06	M16X1.5	10	6	10	35.25	3.5	45.2	22
20491C-18-06	M18X1.5	10	6	12	35.25	3	47.25	24
20491C-22-08	M22X1.5	12	8	15	41	4.5	53	27
20491C-26-10	M26X1.5	16	10	18	56.5	4	60	32
20491C-30-12	M30X2	20	12	22	65.5	7	68.5	36
20491C-36-12T	M36X2	20	12	28	65.5	6.5	67.5	41



20412 20412-T

METRIC FEMALE 24°
CONE L.T.

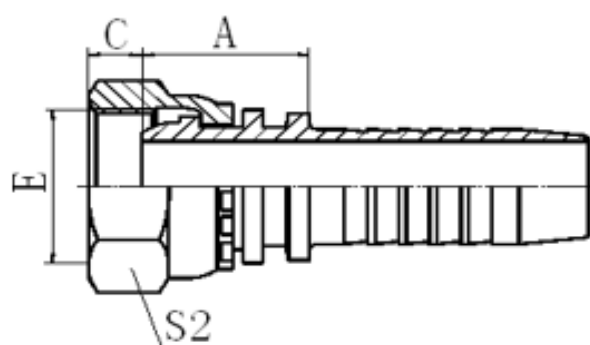
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS	
		DN	DASH		A	S2
20412-16-05	M16X1.5	8	5	10	29.5	22
20412-16-06	M16X1.5	10	6	10	29.5	22
20412-18-06	M18X1.5	10	6	12	30.5	24
20412-22-08	M22X1.5	12	8	15	33	27
20412-26-10	M26X1.5	16	10	18	35.5	32
20412-27-10	M27X1.5	16	10	18	35.5	32
20412-30-12	M30X2	20	12	22	39.3	36
20412-36-16	M36X2	25	16	28	40.5	41
20412-45-20T	M45X2	32	20	35	42.5	55
20412-52-20T	M52X2	32	20	42	44.5	60
20412-52-24T	M52X2	40	24	42	38.5	60



20492 20492-T

90° METRIC FEMALE 24° CONE O-RING L.T.

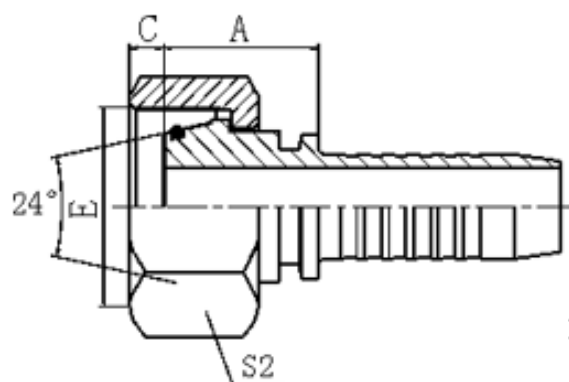
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	H	S2
20492-14-04	M14X1.5	6	4	8	31	46	19
20492-16-05	M16X1.5	8	5	10	34.5	49.5	22
20492-18-06	M18X1.5	10	6	12	36.8	53.3	24
20492-22-08	M22X1.5	12	8	15	42	61	27
20492-26-10	M26X1.5	16	10	18	57	67.5	32
20492-27-10	M27X1.5	16	10	18	57	67.5	32
20492-30-12	M30X2	20	12	22	66.8	80	36
20492-36-16	M36X2	25	16	28	77.7	86	41
20492-45-20T	M45X2	32	20	35	92	88.5	55
20492-52-24T	M52X2	40	24	42	109.4	103.5	60



20511C 20511C-T

METRIC FEMALE 24° MULTISEAL H.T.DIN3868

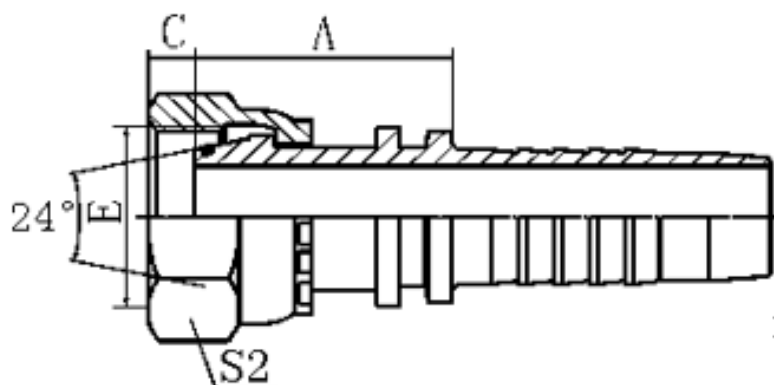
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S2
20511C-18-04T	M18X1.5	6	4	10	21	3	22
20511C-20-05T	M20X1.5	8	5	12	21.5	4.5	24
20511C-20-06T	M20X1.5	10	6	12	21.5	4.5	24
20511C-22-06T	M22X1.5	10	6	14	21.5	4.5	27
20511C-24-08T	M24X1.5	12	8	16	23	5	30
20511C-30-10T	M30X2	16	10	20	26.5	7	36
20511C-36-12T	M36X2	20	12	25	27	6.5	41
20511C-42-16T	M42X2	25	16	30	29.5	9	50
20511C-52-20T	M52X2	32	20	38	34	8	60



20511 20511-T

METRIC FEMALE 24° CONE O-RING H.T.DIN3865

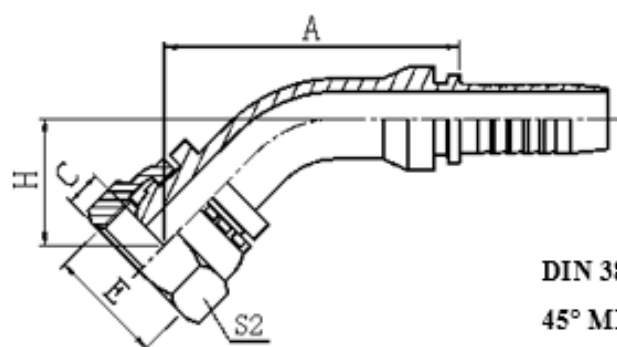
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS		
		DN	DASH			A	C	S2
20511-14-04	M16X1.5	6	4	6	O04.5X1.5	28.5	1.1	19
20511-16-04	M16X1.5	6	4	8	O06.5X1.5	29	1.5	22
20511-16-05	M16X1.5	8	5	8	O06.5X1.5	29	1.5	22
20511-18-04T	M18X1.5	6	4	10	O08.0X1.5	26.5	2	22
20511-18-06	M18X1.5	10	6	10	O08.0X1.5	29	2	24
20511-20-06T	M20X1.5	10	6	12	O10.0X1.5	28.5	2.5	24
20511-20-08	M20X1.5	12	8	12	O10.0X1.5	31.5	2.5	27
20511-22-06T	M22X1.5	10	6	14	O11.0X2.0	28.5	2.5	27
20511-22-08	M22X1.5	12	8	14	O11.0X2.0	31.5	2.5	27
20511-24-06T	M24X1.5	10	6	16	O13.0X2.0	28.5	2.5	30
20511-24-08T	M24X1.5	12	8	16	O13.0X2.0	30	3	30
20511-30-10T	M30X2	16	10	20	O16.3X2.4	36	3	36
20511-30-12	M30X2	20	12	20	O16.3X2.4	39	3	36
20511-36-12T	M36X2	20	12	25	O20.3X2.4	36	3	41
20511-36-14T	M36X2	22	14	25	O20.3X2.4	36	3	41
20511-42-12T	M42X2	20	12	30	O25.3X2.4	40	5	50
20511-42-16T	M42X2	25	16	30	O25.3X2.4	41	5	50
20511-52-20T	M52X2	32	20	38	O33.3X2.4	44	6.5	60
20511-52-24T	M52X2	40	24	38	O33.3X2.4	44	6.5	60



20512 20512-T

METRIC FEMALE 24° CONE O-RING H.T.

PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS	
		DN	DASH		A	S2
20512-16-04	M16X1.5	6	4	8	30	22
20512-18-04T	M18X1.5	6	4	10	27.5	22
20512-20-05T	M20X1.5	8	5	12	30	24
20512-20-06T	M20X1.5	10	6	12	28	24
20512-22-06T	M22X1.5	10	6	14	30	27
20512-24-08T	M24X1.5	12	8	16	28.5	30
20512-30-10T	M30X2	16	10	20	34	36
20512-36-12T	M36X2	20	12	25	35.3	46
20512-42-16T	M42X2	25	16	30	39.5	50
20512-52-16T	M52X2	32	16	25	41.5	60
20512-52-20T	M52X2	32	20	38	44.5	60
20512-52-24T	M52X2	40	24	25	41.5	60

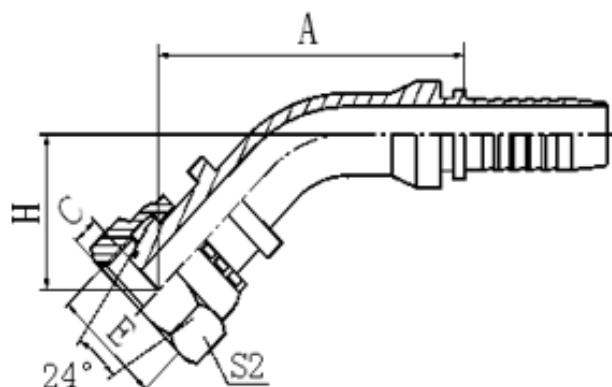


20541C 20541C-T

DIN 3868

45° METRIC FEMALE MULTISEAL H.T.DIN 3868

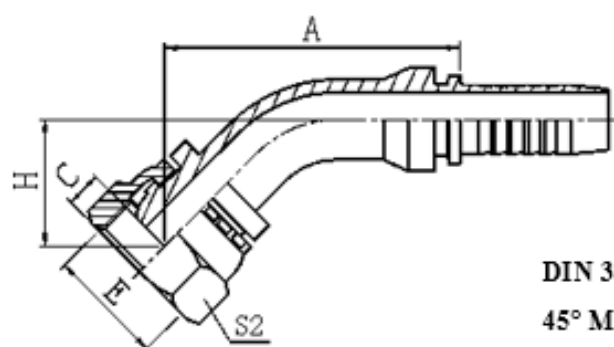
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS			
		DN	DASH		A	C	H	S2
20541C-16-04	M16X1.5	6	4	8	44.8	3	22.7	19
20541C-18-04T	M18X1.5	6	4	10	43.7	3	21.6	22
20541C-20-06T	M20X1.5	10	6	12	48.9	4.5	24.6	24
20541C-24-08T	M24X1.5	12	8	16	61.4	2.5	26.5	30



20541 20541-T

45° METRIC FEMALE 24° CONE O-RING H.T. DIN 3865

PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS			
		DN	DASH			A	C	H	S2
20541-1-404	M16X1.5	6	4	6	O04.5X1.5	50.1	1.1	28	19
20541-1-604	M16X1.5	6	4	8	O06.5X1.5	50.4	1.5	28.3	22
20541-1-605	M16X1.5	8	5	8	O06.5X1.5	52.2	1.5	28.9	22
20541-1-804T	M18X1.5	6	4	10	O08.0X1.5	43.4	2	21.3	22
20541-1-806	M18X1.5	10	6	10	O08.0X1.5	54.3	2	29.6	24
20541-2-006T	M20X1.5	10	6	12	O10.0X1.5	49.7	2.5	25	24
20541-2-008	M20X1.5	12	8	12	O10.0X1.5	67.8	2.5	32.8	27
20541-2-206T	M22X1.5	10	6	14	O11.0X2.0	49.6	2.5	25.3	27
20541-2-208	M22X1.5	12	8	14	O11.0X2.0	68.1	2.5	33.2	27
20541-2-408T	M24X1.5	12	8	16	O13.0X2.0	62.5	3	27.5	30
20541-2-410	M24X1.5	16	10	16	O13.0X2.0	80.7	2.5	35.9	30
20541-3-010T	M30X2	16	10	20	O16.3X2.4	75.8	3	31	36
20541-3-012	M30X2	20	12	20	O16.3X2.4	90.5	3	42.4	36
20541-3-612T	M36X2	20	12	25	O20.3X2.4	82.7	3	34.6	41
20541-3-614T	M36X2	22	14	25	O20.3X2.4	84.4	3	34	41
20541-4-216T	M42X2	25	16	30	O25.3X2.4	92.3	5	36.8	50
20541-5-220T	M52X2	32	20	38	O33.3X2.4	103.4	6.5	41.2	60
20541-5-224T	M52X2	40	24	38	O33.3X2.4	115.9	6.5	45.1	60

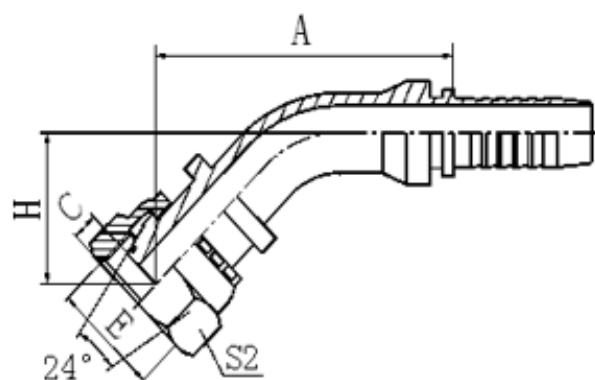


20541C 20541C-T

DIN 3868|

45° METRIC FEMALE MULTISEAL H.T.DIN 3868

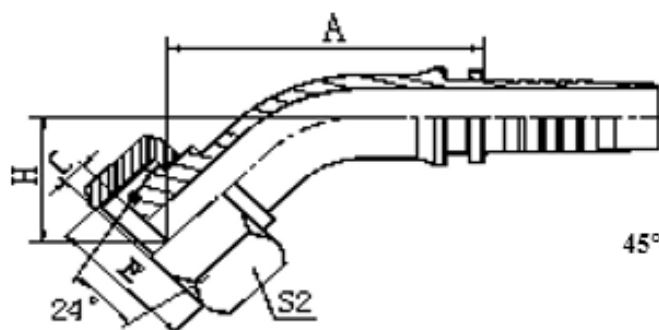
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS			
		DN	DASH		A	C	H	S2
20541C-16-04	M16X1.5	6	4	8	44.8	3	22.7	19
20541C-18-04T	M18X1.5	6	4	10	43.7	3	21.6	22
20541C-20-06T	M20X1.5	10	6	12	48.9	4.5	24.6	24
20541C-24-08T	M24X1.5	12	8	16	61.4	2.5	26.5	30



20541 20541-T

45° METRIC FEMALE 24° CONE O-RING H.T.DIN 3865

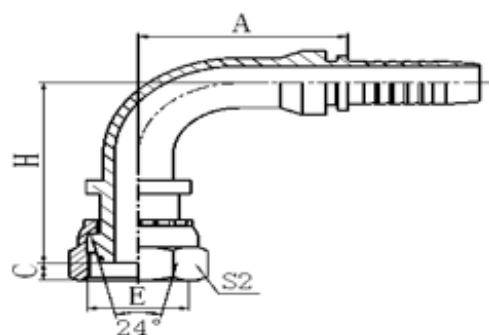
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS			
		DN	DASH			A	C	H	S2
20541-1-404	M16X1.5	6	4	6	O04.5X1.5	50.1	1.1	28	19
20541-1-604	M16X1.5	6	4	8	O06.5X1.5	50.4	1.5	28.3	22
20541-1-605	M16X1.5	8	5	8	O06.5X1.5	52.2	1.5	28.9	22
20541-1-804T	M18X1.5	6	4	10	O08.0X1.5	43.4	2	21.3	22
20541-1-806	M18X1.5	10	6	10	O08.0X1.5	54.3	2	29.6	24
20541-2-006T	M20X1.5	10	6	12	O10.0X1.5	49.7	2.5	25	24
20541-2-008	M20X1.5	12	8	12	O10.0X1.5	67.8	2.5	32.8	27
20541-2-206T	M22X1.5	10	6	14	O11.0X2.0	49.6	2.5	25.3	27
20541-2-208	M22X1.5	12	8	14	O11.0X2.0	68.1	2.5	33.2	27
20541-2-408T	M24X1.5	12	8	16	O13.0X2.0	62.5	3	27.5	30
20541-2-410	M24X1.5	16	10	16	O13.0X2.0	80.7	2.5	35.9	30
20541-3-010T	M30X2	16	10	20	O16.3X2.4	75.8	3	31	36
20541-3-012	M30X2	20	12	20	O16.3X2.4	90.5	3	42.4	36
20541-3-612T	M36X2	20	12	25	O20.3X2.4	82.7	3	34.6	41
20541-3-614T	M36X2	22	14	25	O20.3X2.4	84.4	3	34	41
20541-4-216T	M42X2	25	16	30	O25.3X2.4	92.3	5	36.8	50
20541-5-220T	M52X2	32	20	38	O33.3X2.4	103.4	6.5	41.2	60
20541-5-224T	M52X2	40	24	38	O33.3X2.4	115.9	6.5	45.1	60



20542 20542-T

45° METRIC FEMALE 24° CONE O-RING H.T.

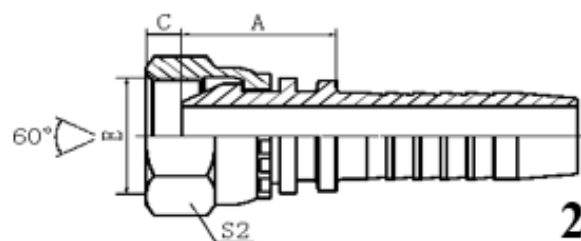
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	H	S2
20542-16-04	M16X1.5	6	4	8	51.4	28.3	22
20542-18-04T	M18X1.5	6	4	10	45.4	22.3	22
20542-20-05T	M20X1.5	8	5	12	49.6	24.3	24
20542-22-06T	M22X1.5	10	6	14	51.2	25.3	27
20542-24-08T	M24X1.5	12	8	16	63.5	27.5	30
20542-30-10T	M30X2	16	10	20	76.3	31	36
20542-36-12T	M36X2	20	12	25	82.4	33	46
20542-42-16T	M42X2	25	16	30	93.3	36.8	50
20542-52-20T	M52X2	32	20	38	103.9	41.2	60



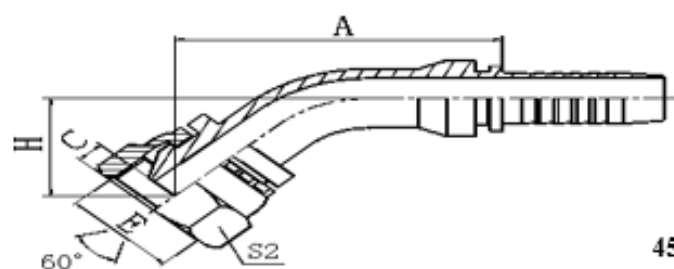
20591 20591-T

90°METRIC FEMALE 24°CONE O-RING H.T.DIN3865

PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS			
		DN	DASH			A	C	H	S2
20591-1-404	M16X1.5	6	4	6	O04.5X1.5	30	1.1	47.5	19
20591-1-604	M16X1.5	6	4	8	O06.5X1.5	30	1.5	48	22
20591-1-605	M16X1.5	8	5	8	O06.5X1.5	33	1.5	51	22
20591-1-805T	M18X1.5	8	5	10	O08.0X1.5	33	2	41.5	22
20591-1-806	M18X1.5	10	6	10	O08.0X1.5	35.3	2	52.8	24
20591-2-006T	M20X1.5	10	6	12	O10.0X1.5	35.8	2.5	46.3	24
20591-2-008	M20X1.5	12	8	12	O10.0X1.5	41	2.5	61	27
20591-2-206T	M22X1.5	10	6	14	O11.0X2.0	35.3	2.5	46.8	27
20591-2-208	M22X1.5	12	8	14	O11.0X2.0	41	2.5	61	27
20591-2-408T	M24X1.5	12	8	16	O13.0X2.0	41	3	53	30
20591-2-410	M24X1.5	16	10	16	O13.0X2.0	56.5	2.5	67.5	30
20591-3-010T	M30X2	16	10	20	O16.3X2.4	56.5	3	60.5	36
20591-3-012	M30X2	20	12	20	O16.3X2.4	65.5	3	81	36
20591-3-612T	M36X2	20	12	25	O20.3X2.4	66.2	3	70	41
20591-3-614T	M36X2	22	14	25	O20.3X2.4	71.2	3	71	41
20591-4-216T	M42X2	25	16	30	O25.3X2.4	78	5	77.5	50
20591-5-220T	M52X2	32	20	38	O33.3X2.4	93	6.5	89	60
20591-5-224T	M52X2	40	24	38	O33.3X2.4	109.4	6.5	102.5	60

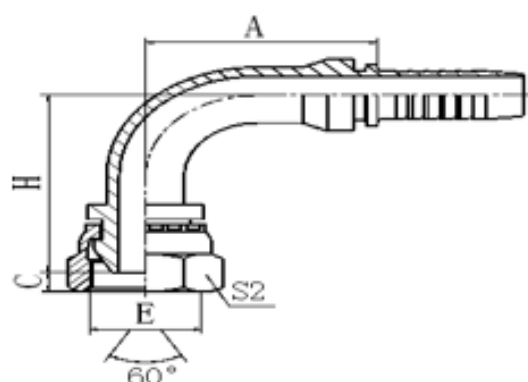

20611 20611-T METRIC FEMALE 60° CONE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
20611-14-04	M14X1.5	6	4	18	5.5	19
20611-16-05	M16X1.5	8	5	19	5.5	22
20611-16-06	M16X1.5	10	6	19	5.5	22
20611-18-06	M18X1.5	10	6	20	5.5	24
20611-20-08	M20X1.5	12	8	22	6.5	27
20611-22-08	M22X1.5	12	8	22.5	6	27
20611-24-10	M24X1.5	16	10	24.5	6.5	30
20611-26-1 0	M26X1.5	16	10	25.5	6	32
20611-27-10DT	M27X1.5	16	10	25.5	6	32
20611-2-710T	M27X2	16	10	25.5	6	32
20611-30-10D	M30X1.5	16	10	26.5	6	36
20611-3-012D	M30X1.5	20	12	26.5	6	36
20611-30-12	M30X2	20	12	26.5	6	36
20611-36-16	M36X2	25	16	30	6.5	41
20611-3-916T	M39X2	25	16	30	6.5	46
20611-4-520T	M45X2	32	20	31	8.5	55
20611-5-224T	M52X2	40	24	32	10	60


20641 20641-T

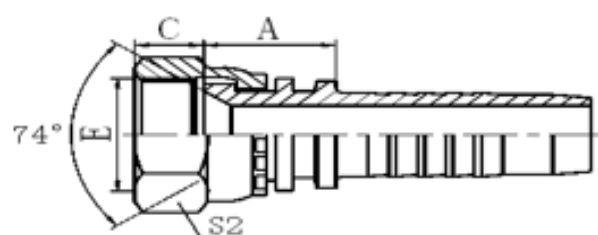
45° METRIC FEMALE 60° CONE

PART NO.	THREAD E	HOSE BORE				DIMENSIONS	
		DN	DASH	A	C	H	S2
20641-14-04	M14X1.5	6	4	42.7	5.5	20.6	19
20641-16-05	M16X1.5	8	5	45.1	5.5	21.8	22
20641-18-06	M18X1.5	10	6	47.4	5.5	23.2	24
20641-22-08	M22X1.5	12	8	61.8	6	26.8	27
20641-27-10DT	M27X1.5	16	10	71.4	6	27.1	32
20641-30-12D	M30X1.5	20	12	81.6	6	33.5	36
20641-36-14T	M36X2	22	14	81.9	6.5	31.6	41
20641-39-16T	M39X2	25	16	88.5	6.5	34.3	46
20641-45-20T	M45X2	32	20	99.1	8.5	38.4	55
20641-52-24T	M52X2	40	24	113.4	10	42.7	60

**20691 20691-T**

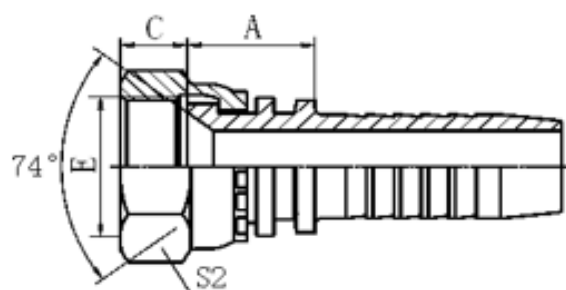
90° METRIC FEMALE 60° CONE

		HOSE BORE				DIMENSIONS	
		DN	DASH	A	C	H	S2
20691-14-04	M14X1.5	6	4	30	5.5	37	19
20691-16-05	M16X1.5	8	5	33	5.5	40.5	22
20691-18-06	M18X1.5	10	6	35.3	5.5	43.8	24
20691-22-08	M22X1.5	12	8	41	6	52	27
20691-2-710DT	M27X1.5	16	10	56.5	6	58	32
20691-30-12D	M30X1.5	20	12	66.2	6	68.5	36
20691-36-16	M36X2	25	16	78	6.5	76.5	41
20691-36-14T	M36X2	22	14	71.2	6.5	67.5	41
20691-39-16T	M39X2	25	16	76.7	6.5	74	46
20691-45-20T	M45X2	32	20	91.5	8.5	85	55
20691-52-24T	M52X2	40	24	109.4	10	99	60

**20712 20712-T**

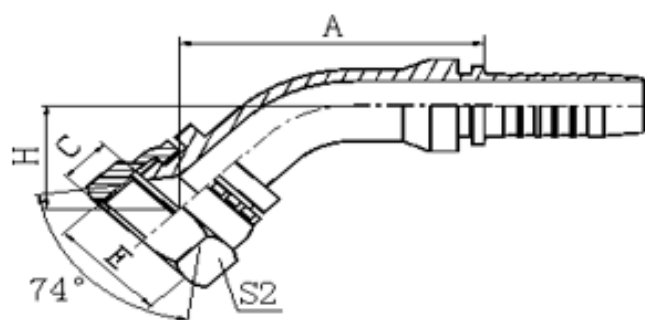
GB METRIC FEMALE 74° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
20712-14-04	M14X1.5	6	4	16.5	19
20712-16-05	M16X1.5	8	5	17.5	22
20712-18-06	M18X1.5	10	6	19	24
20712-22-08	M22X1.5	12	8	20	27
20712-24-08T	M24X1.5	12	8	17.5	30
20712-27-10	M27X1.5	16	10	22	32
20712-30-12	M30X1.5	20	12	22.8	36
20712-36-14T	M36X2	22	14	22	41
20712-39-16T	M39X2	25	16	24.5	46
20712-45-20T	M45X2	32	20	25.5	55
20712-52-24T	M52X2	40	24	25	60

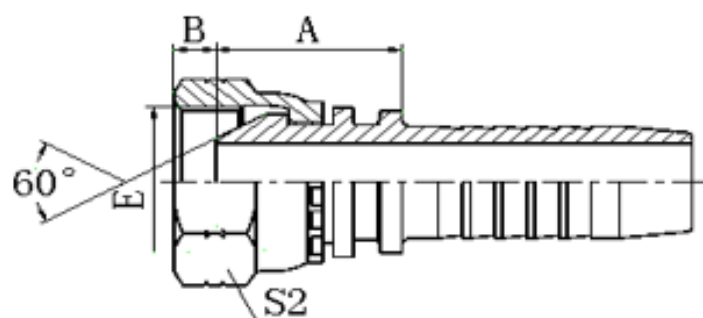


20711 20711-T
GB METRIC FEMALE 74° CONE SEAT

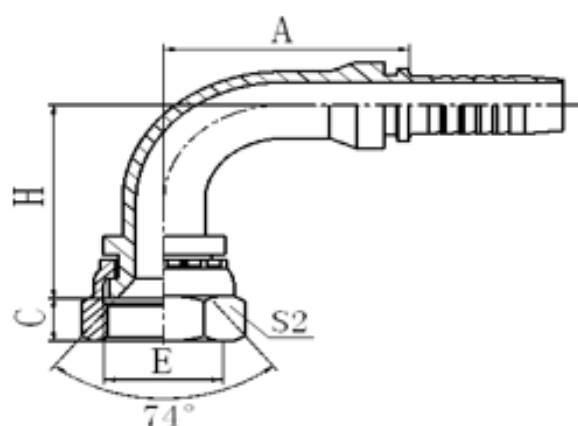
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
20711-10-02	M10X1	4	2	14	7.5	14
2071-112-03C	M12X1.25	5	3	14	9	17
20711-12-03	M12X1.5	5	3	14	10	17
20711-12-04	M12X1.5	6	4	14.5	10	17
20711-14-04	M14X1.5	6	4	15.5	8.5	19
20711-14-05	M14X1.5	8	5	15.5	8.5	19
20711-14-06	M14X1.5	10	6	15.5	8.5	19
20711-16-04	M16X1.5	6	4	16.5	8	22
20711-16-05	M16X1.5	8	5	16.5	8	22
20711-16-06	M16X1.5	10	6	16	8	22
20711-18-05T	M18X1.5	8	5	16	8	22
20711-18-06	M18X1.5	10	6	17.5	10	24
20711-20-06T	M20X1.5	10	6	16	10	24
20711-20-08	M20X1.5	12	8	18.5	10	27
20711-22-06T	M22X1.5	10	6	16	10	27
20711-22-08	M22X1.5	12	8	18.5	10	27
20711-22-10	M22X1.5	16	10	19.5	10	27
20711-24-08T	M24X1.5	12	8	16.5	11	30
20711-27-08T	M27X1.5	12	8	18.5	11	32
20711-27-10T	M27X1.5	16	10	21.5	11	32

**20741****45° GB METRIC FEMALE 74° CONE SEAT**

		HOSE BORE				DIMENSIONS	
PART NO.	THREAD E	DN	DASH	A	C	H	S2
20741-14-04	M14X1.5	6	4	40.5	8.5	18.5	19
20741-16-05	M16X1.5	8	5	44.4	8	20	22
20741-18-06	M18X1.5	10	6	45.7	10	21.4	24
20741-22-08	M22X1.5	12	8	58.9	10	24	27
20741-27-10	M27X1.5	16	10	71.2	11	26.4	32
20741-30-12	M30X1.5	20	12	78.1	11	30	36
20741-33-12	M33X2	20	12	77.4	13	30	41
20741-33-16	M33X2	25	16	85	13	30.8	41
20741-36-14	M36X2	22	14	79.8	14	29.6	41
20741-36-16	M36X2	25	16	85.7	14	31.5	41
20741-39-16	M39X2	25	16	86.1	14	31.8	46
20741-4-520W	M45X2	32	20	97	15	36.2	55
20741-5-224W	M52X2	40	24	112.9	17	40.9	60

**21611****NPSM FEMALE 60° CONE**

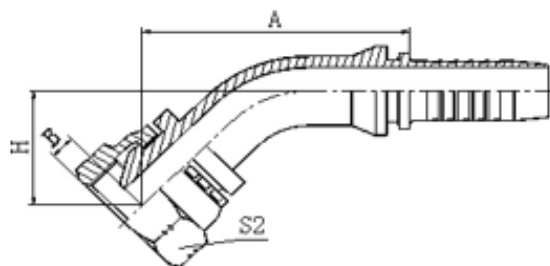
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	B	S2
21611-0-404	1/4"X18	6	4	22	4.6	19
21611-0-406	1/4"X18	10	6	22	4.6	19
21611-0-604	3/8"X18	6	4	23	6	22
21611-0-605	3/8"X18	8	5	23	6	22
21611-0-606	3/8"X18	10	6	23	6	22
21611-0-808	1/2"X14	12	8	23.5	7.5	27
21611-1-210	3/4"X14	16	10	27	8.9	32
21611-1-212	3/4"X14	20	12	27	8.9	32
21611-16-12T	1"X11.5	20	12	25	10.5	41
21611-1-616	1"X11.5	25	16	28.5	10.5	41
21611-20-20W	1.1/4"X11.5	32	20	29.5	11.2	50
21611-24-20T	1.1/2"X11.5	32	20	29.5	11.2	55
21611-24-24W	1.1/2"X11.5	40	24	31.5	11.2	55
21611-32-32W	2"X11.5	50	32	31	11.2	70



20791

90° GB METRIC FEMALE 74° CONE SEAT

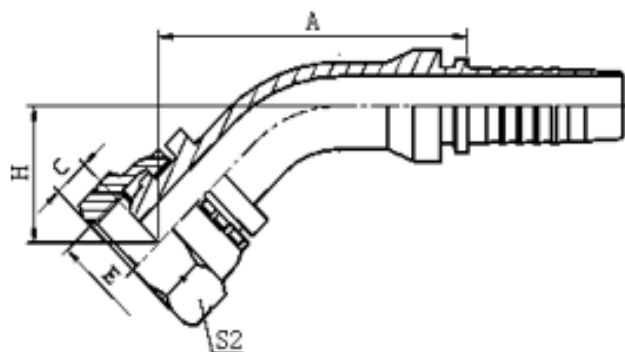
PART NO.	THREAD E	HOSE BORE				DIMENSIONS	
		DN	DASH	A	C	H	S2
20791-12-04C	M12X1.25	6	4	30	9	33.5	17
20791-12-04	M12X1.5	6	4	30	10	33.5	17
20791-14-04	M14X1.5	6	4	30	8.5	34	19
20791-16-04	M16X1.5	6	4	30	8	35	22
20791-16-05	M16X1.5	8	5	34	8	38	22
20791-18-06	M18X1.5	10	6	35.3	10	41.3	24
20791-22-08	M22X1.5	12	8	41	10	48	27
20791-22-10	M22X1.5	16	10	56.5	10	52.5	27
20791-27-10	M27X1.5	16	10	56.5	11	54	32
20791-30-12	M30X1.5	20	12	66.2	11	63.5	36
20791-33-12	M33X2	20	12	65.5	13	63.5	41
20791-33-16	M33X2	25	16	76.7	13	69	41
20791-36-12	M36X2	20	12	65.5	14	63.5	41
20791-36-14	M36X2	22	14	71.2	14	64.5	41
20791-39-16	M39X2	25	16	76.7	14	70.5	46
20791-45-20W	M45X2	32	20	91.5	15	83	55
20791-52-20W	M52X2	32	20	93	17	84.5	60
20791-52-24W	M52X2	40	24	110.7	17	96.5	60



21641

45° NPSM FEMALE 60° CONE

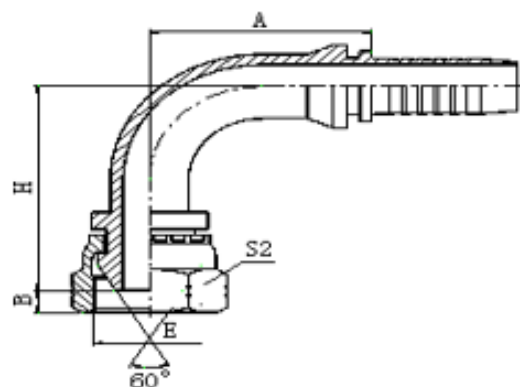
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	B	H	S2
21641-0-404	1/4"X18	6	4	45.1	4.6	23	19
21641-0-606	3/8"X18	10	6	47.2	6	24.9	22
21641-0-808	1/2"X14	12	8	62.7	7.5	27.7	27
21641-1-212	3/4"X14	20	12	81.4	8.9	34	32
21641-1-616	1"X11.5	25	16	89.2	10.5	35	41
21641-20-20W	1.1/4"X11.5	32	20	99.8	11.2	39.3	50
21641-24-24W	1.1/2"X11.5	40	24	115.1	11.2	44.4	55
21641-32-32W	2"X11.5	50	32	136.4	11.2	63.4	70



22142

45° BSP FEMALE MULTISEAL

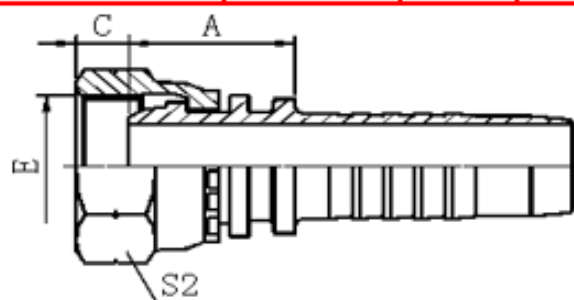
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
22142-16-16	G1"X11	25	16	29	35	41
22142-20-20	G1.1/4"X11	32	20	32	41.2	50
22142-24-24	G1.1/2"X11	40	24	33	46.2	55
22142-32-32	G2"X11	50	32	36	54	70



21691

90° NPSM 60°
90° NPSM FEMALE 60° CONE

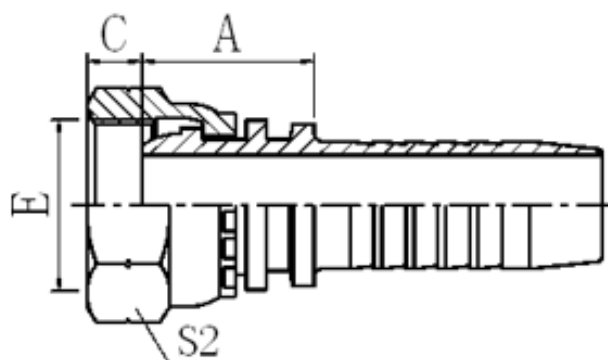
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	B	H	S2
21691-04-04	1/4"X18	6	4	30	4.6	40.5	19
21691-06-04	3/8"X18	6	4	30	6	37.7	22
21691-06-05	3/8"X18	8	5	34	6	40.7	22
21691-06-06	3/8"X18	10	6	35.3	6	45.3	22
21691-08-08	1/2"X14	12	8	41	7.5	53.2	27
21691-12-10	3/4"X14	16	10	56.5	8.9	53.5	32
21691-12-12	3/4"X14	20	12	65.5	8.9	69.1	32
21691-16-12T	1"X11.5	20	12	65.5	10.5	64.5	41
21691-16-16	1"X11.5	25	16	76.7	10.5	75	41
21691-20-20W	1.1/4"X11.5	32	20	91.5	11.2	86	50
21691-24-20T	1.1/2"X11.5	32	20	91.5	11.2	83.5	55
21691-24-24W	1.1/2"X11.5	40	24	109.4	11.2	101.5	55
21691-32-32W	2"X11.5	50	32	131.8	11.2	124.5	70



22112

BSP FEMALE MULTISEAL

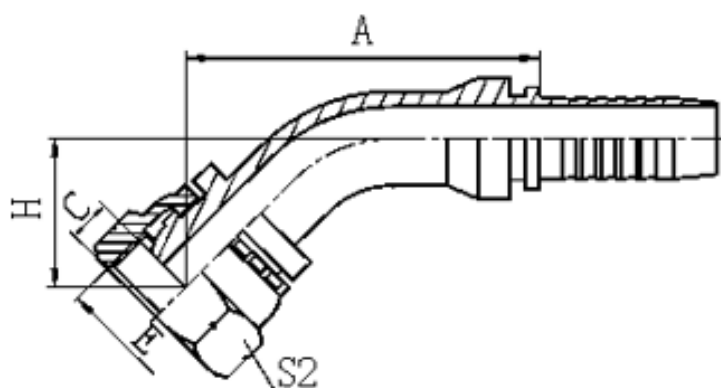
PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
22112-16-16	G1"X11	25	16	29	41
22112-20-20	G1.1/4"X11	32	20	32	50
22112-24-24	G1.1/2"X11	40	24	33	55
22112-32-32	G2"X11	50	32	36	70



22111, 22111W, 22111-T

BSP FEMALE MULTISEAL

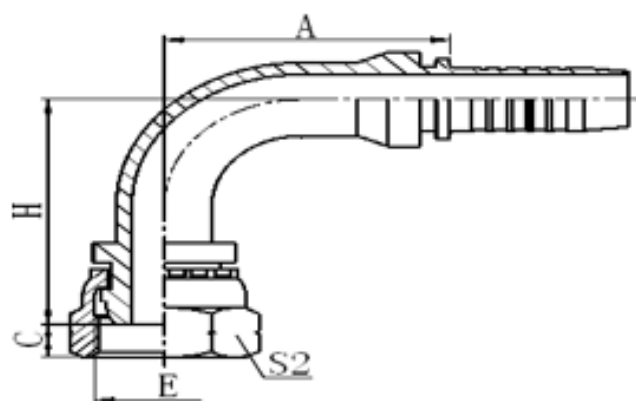
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
22111-0-204	G1/8"X28	6	4	19	2	14
22111-0-403	G1/4"X19	5	3	19	4	19
22111-0-404	G1/4"X19	6	4	19.5	4	19
22111-0-605	G3/8"X19	8	5	20	5	22
22111-0-606	G3/8"X19	10	6	20.5	5	22
22111-0-608	G3/8"X19	12	8	21	5	22
22111-08-06T	G1/2"X14	10	6	22.5	6	27
22111-0-808	G1/2"X14	12	8	23	6	27
22111-0-810	G1/2"X14	16	10	24	6	27
22111-1-010	G5/8"X14	16	10	25	8	30
22111-1-012	G5/8"X14	20	12	25	8	30
22111-12-08T	G3/4"X14	12	8	25	9.5	32
22111-1-210	G3/4"X14	16	10	26	9.5	32
22111-1-212	G3/4"X14	20	12	26	9.5	32
22111-16-12T	G1"X11	20	12	26.5	11	41
22111-1-614	G1"X11	22	14	26.5	11	41
22111-1-616	G1"X11	25	16	28	11	41
22111-20-16T	G1.1/4"X11	25	16	27.5	11	50
22111-20-20W	G1.1/4"X11	32	20	31.5	10	50
22111-24-24W	G1.1/2"X11	40	24	37	11.5	55



22141, 22141-T, 22141-W

45° BSP FEMALE MULTISEAL

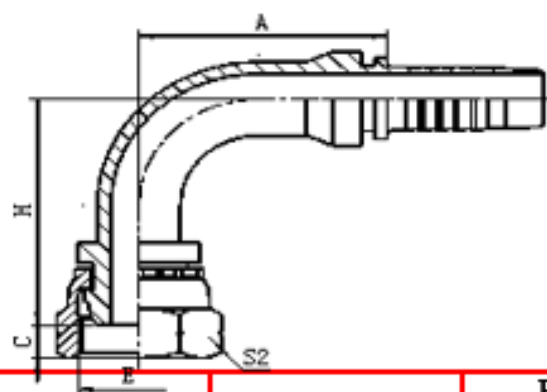
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22141-0-204	G1/8"X28	6	4	43.7	2	21.6	14
22141-0-403	G1/4"X19	5	3	41.3	4	20.4	19
22141-0-404	G1/4"X19	6	4	43.7	4	21.6	19
22141-0-605	G3/8"X19	8	5	46.2	5	22.9	22
22141-0-606	G3/8"X19	10	6	48.1	5	23.9	22
22141-0-608	G3/8"X19	12	8	60.4	5	25.4	22
22141-08-04T	G1/2"X14	6	4	43.9	6	23.8	27
22141-08-06T	G1/2"X14	10	6	42.5	6	18.2	27
22141-0-808	G1/2"X14	12	8	61.8	6	26.8	27
22141-0-810	G1/2"X14	16	10	73	6	29	27
2214-11-010	G5/8"X14	16	10	73.7	8	28.9	30
22141-1-012	G5/8"X14	20	12	79.8	8	32.5	30
22141-12-08T	G3/4"X14	12	8	63.2	9.5	28.3	32
22141-1-210	G3/4"X14	16	10	70.4	9.5	29.6	32
22141-1-212	G3/4"X14	20	12	80.6	9.5	33.2	32
22141-1-612	G1"X11	20	12	81.6	11	33.5	41
22141-1-614	G1"X11	22	14	83.3	11	33	41
22141-1-616	G1"X11	25	16	89.2	11	35	41
22141-20-16T	G1.1/4"X11	25	16	91.4	9.1	37.1	50
22141-20-20W	G1.1/4"X11	32	20	102.9	10	41.2	50



22191, 22191-T, 22191-W

90° BSP FEMALE MULTISEAL

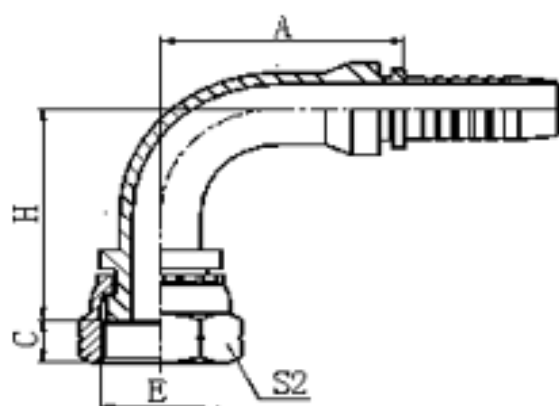
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22191-0-204	G1/8"X28	6	4	30	2	38.5	14
22191-0-403	G1/4"X19	5	3	27	4	35	19
22191-0-404	G1/4"X19	6	4	30	4	38.5	19
22191-0-405	G1/4"X19	8	5	33	4	41.5	19
22191-0-605	G3/8"X19	8	5	33	5	42	22
22191-0-606	G3/8"X19	10	6	35.3	5	44.8	22
22191-0-608	G3/8"X19	12	8	41	5	50	22
22191-08-06T	G1/2"X14	10	6	35.3	6	46.8	27
22191-0-808	G1/2"X14	12	8	41	6	52	27
22191-0-810	G1/2"X14	16	10	56.5	6	58	27
22191-1-010	G5/8"X14	16	10	56.5	8	57.5	30
22191-1-012	G5/8"X14	20	12	65.4	8	67	30
22191-12-08T	G3/4"X14	12	8	41	9.5	52	32
22191-1-210	G3/4"X14	16	10	56.5	9.5	58.5	32
22191-1-212	G3/4"X14	20	12	65.5	9.5	68	32
22191-16-12T	G1"X11	20	12	66.2	11	68.5	41
22191-1-614	G1"X11	22	14	71.2	11	69.5	41
22191-1-616	G1"X11	25	16	76.7	11	75	41
22191-20-16T	G1.1/4"X11	25	16	76.7	10	78	50
22191-20-20W	G1.1/4"X11	32	20	92.3	10	85.3	50



22192

90°BSP FEMALE MULTISEAL

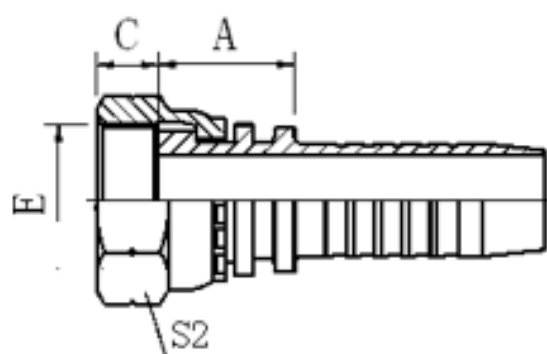
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
22192-16-16	G1"X11	25	16	77.7	75	41
22192-20-20	G1.1/4"X11	32	20	93.5	89	50
22192-24-24	G1.1/2"X11	40	24	109.4	104	55
22192-32-32	G2"X11	50	32	132.8	125.25	70



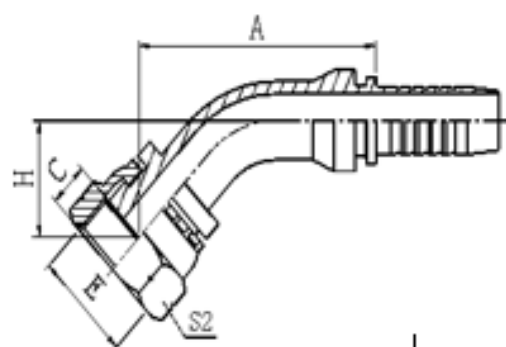
22291

90° BSP FEMALE FLAT SEAT

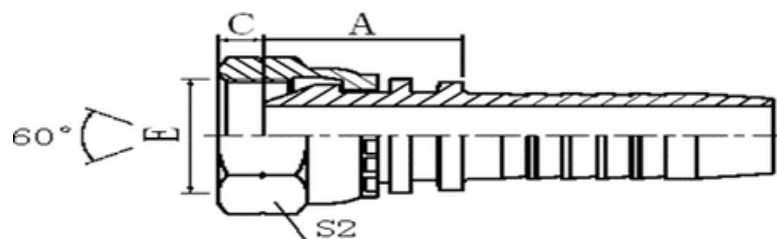
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22291-04-04	G1/4"X19	6	4	30	8	34.5	19
22291-06-06	G3/8"X19	10	6	35.3	9	41.3	22
22291-08-08	G1/2"X14	12	8	41	10.5	48	27
22291-12-12	G3/4"X14	20	12	65.5	13.5	63.5	32
22291-16-16	G1"X11	25	16	76.7	15.5	70	41
22291-2-020W	G1.1/4"X11	32	20	91.5	15.5	82.5	50
22291-2-424W	G1.1/2"X11	40	24	109.4	17.5	98.5	55

**22211****BSP FEMALE FLAT SEAT**

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
22211-04-04	G1/4"X19	6	4	15.5	8	19
22211-04-06	G1/4"X19	10	6	15.5	8	19
22211-06-04	G3/8"X19	6	4	17	9	22
22211-06-05	G3/8"X19	8	5	17	9	22
22211-06-06	G3/8"X19	10	6	16.5	9	22
22211-06-08	G3/8"X19	12	8	17.5	9	22
22211-08-06T	G1/2"X14	10	6	18	10.5	27
22211-08-08	G1/2"X14	12	8	18.5	10.5	27
22211-10-08	G5/8"X14	12	8	20	12	30
22211-10-10	G5/8"X14	16	10	21	12	30
22211-12-08T	G3/4"X14	12	8	20.5	13.5	32
22211-12-10	G3/4"X14	16	10	21.5	13.5	32
22211-12-12	G3/4"X14	20	12	21.5	13.5	32
22211-16-12T	G1"X11	20	12	21.5	15.5	41
22211-16-16	G1"X11	25	16	23	15.5	41
22211-2-020W	G1.1/4"X11	32	20	26	15.5	50
22211-2-424W	G1.1/2"X11	40	24	27.5	17.5	55
22211-3-232W	G2"X11	50	32	30.5	23	70

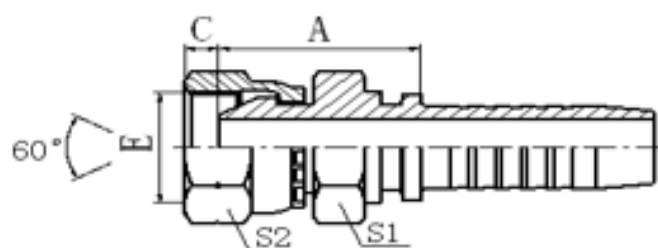
**22241****45° BSP FEMALE FLAT SEAT**

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22241-0-404	G1/4"X19	6	4	40.9	8	18.8	19
22241-0-606	G3/8"X19	10	6	45.3	9	21	22
22241-0-808	G1/2"X14	12	8	58.9	10.5	24	27
22241-1-212	G3/4"X14	20	12	77.4	13.5	30	32
22241-1-616	G1"X11	25	16	82.7	15.5	31.5	41
22241-20-20W	G1.1/4"X11	32	20	97.3	15.5	36.6	50



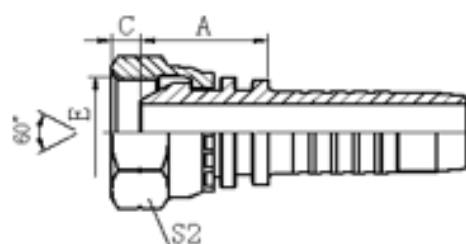
2261, 22611 -T, 22611-W
BSP FEMALE 60° CONE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
22611-02-03	G1/8"X28	5	3	15	5.5	14
22611-02-04	G1/8"X28	6	4	15	5.5	14
22611-04-03	G1/4"X19	5	3	17	5.5	19
22611-04-04	G1/4"X19	6	4	18	5.5	19
22611-04-05	G1/4"X19	8	5	18	5.5	19
22611-04-06	G1/4"X19	10	6	18	5.5	19
22611-06-04	G3/8"X19	6	4	19	6.3	22
22611-06-05	G3/8"X19	8	5	19	6.3	22
22611-06-06	G3/8"X19	10	6	19.5	6.3	22
22611-06-08	G3/8"X19	12	8	19.5	6.3	22
22611-08-06T	G1/2"X14	10	6	21	7.5	27
22611-08-08	G1/2"X14	12	8	21.5	7.5	27
22611-10-08	G5/8"X14	12	8	22	9.5	30
22611-10-10	G5/8"X14	16	10	23.5	9.5	30
22611-12-08T	G3/4"X14	12	8	22	10.9	32
22611-12-10	G3/4"X14	16	10	24	10.9	32
22611-12-12	G3/4"X14	20	12	24	10.9	32
22611-16-12T	G1"X11	20	12	24	11.7	41
22611-16-14	G1"X11	22	14	26	11.7	41
22611-16-16	G1"X11	25	16	27	11.7	41

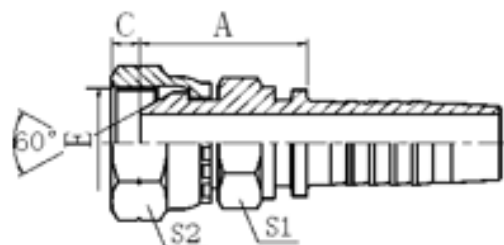
**22611D**

BSP FEMALE 60° CONE DOUBLE HEXAGON

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	S1	S2
22611D-04-04	G1/4"X19	6	4	23.5	5.5	19	19
22611D-06-06	G3/8"X19	10	6	26.5	6.3	22	22
22611D-08-08	G1/2"X14	12	8	31	7.5	27	27
22611D-10-08	G5/8"X14	12	8	32	9.5	30	30
22611D-12-08	G3/4"X14	12	8	33	10.9	32	32
22611D-12-12	G3/4"X14	20	12	34	10.9	32	32
22611D-16-16	G1"X11	25	16	35.5	11.7	41	41
22611D-20-20	G1.1/4"X11	32	20	43.5	11	50	50

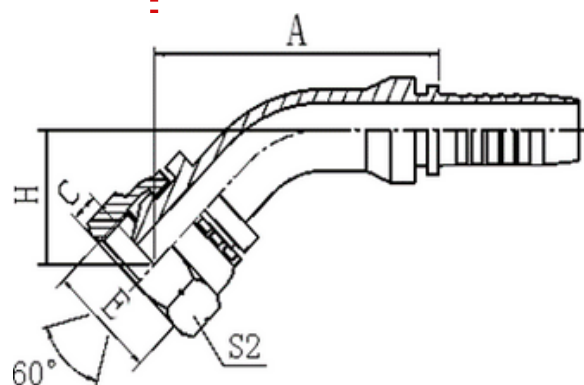
**22612**BSP FEMALE 60°
CONE

PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
22612-04-04	G1/4"X19	6	4	18.5	19
22612-06-06	G3/8"X19	10	6	21	22
22612-08-08	G1/2"X14	12	8	22.5	27
22612-10-10	G5/8"X14	16	10	24	30
22612-12-12	G3/4"X14	20	12	25.3	32

**22612D-SM**

BSP FEMALE 60° CONE DOUBLE HEXAGON

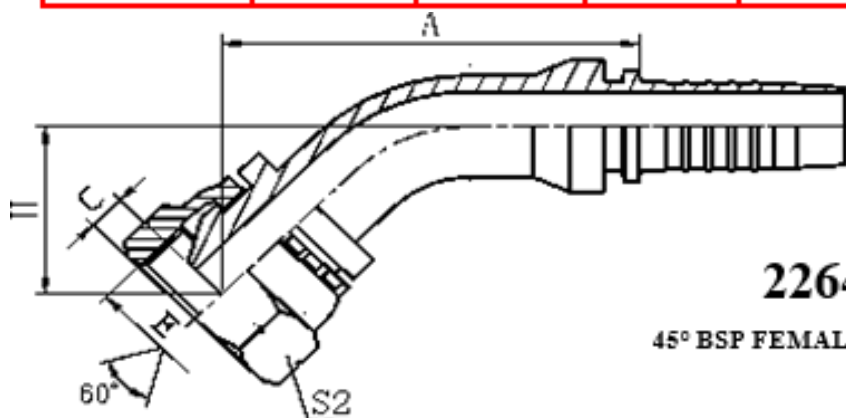
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	S1	S2
22612D-04-04SM	G1/4"X19	6	4	24.5	14	19
22612D-06-06SM	G3/8"X19	10	6	26	17	22
22612D-08-08SM	G1/2"X14	12	8	30	19	27
22612D-10-08SM	G5/8"X14	12	8	31	22	30
22612D-12-08SM	G3/4"X14	12	8	33	27	32
22612D-12-12SM	G3/4"X14	20	12	34.3	27	32
22612D-16-16SM	G1"X11	25	16	34.5	32	41



22641, 22641-W, 22641-T

45° BSP FEMALE 60° CONE

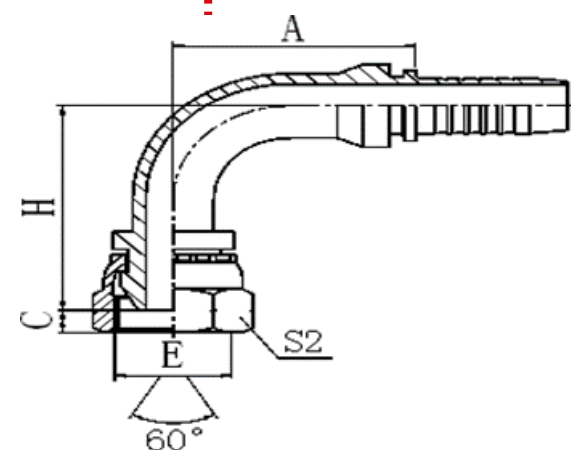
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22641-0-404	G1/4"X19	6	4	42.3	5.5	20.2	19
22641-0-604	G3/8"X19	6	4	43.2	6.3	21	22
22641-0-605	G3/8"X19	8	5	45.3	6.3	22	22
22641-0-606	G3/8"X19	10	6	46.9	6.3	22.6	22
22641-08-06T	G1/2"X14	10	6	48.1	7.5	23.9	27
22641-0-808	G1/2"X14	12	8	61.1	7.5	26.1	27
22641-1-008	G5/8"X14	12	8	61.4	9.5	26.5	30
22641-1-010	G5/8"X14	16	10	72.6	9.5	27.8	30
2264-112-08T	G3/4"X14	12	8	61.8	10.9	26.9	32
22641-1-210	G3/4"X14	16	10	73	10.9	28.2	32
22641-1-212	G3/4"X14	20	12	79.2	10.9	31.8	32
22641-16-12T	G1"X11	20	12	80.8	11.7	33.4	41
22641-1-616	G1"X11	25	16	88.4	11.7	34.2	41
22641-20-16T	G1.1/4"X11	25	16	85.3	11	31.1	50
22641-20-20W	G1.1/4"X11	32	20	98.8	11	38	50
22641-24-24W	G1.1/2"X11	40	24	116.8	13	45.5	55
22641-32-32W	G2"X11	50	32	135.7	16	52.7	70



22642

45° BSP FEMALE 60° CONE

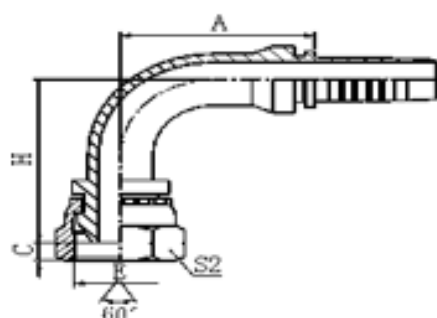
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
22642-04-04	G1/4"X19	6	4	18.5	20.2	19
22642-06-06	G3/8"X19	10	6	21	22.6	22
22642-08-08	G1/2"X14	12	8	22.5	26.1	27
22642-10-10	G5/8"X14	16	10	24	27.8	30
22642-12-12	G3/4"X14	20	12	25.3	31.8	32



22691, 22691-W, 22691-T

90° BSP FEMALE 60° CONE

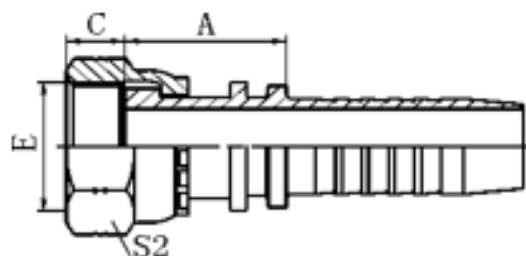
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
22691-02-03	G1/8"X28	5	3	26.5	5.5	31.5	14
22691-02-04	G1/8"X28	6	4	30	5.5	34.5	14
22691-04-03	G1/4"X19	5	3	26.5	5.5	33.5	19
22691-04-04	G1/4"X19	6	4	30	5.5	36.5	19
22691-04-05	G1/4"X19	8	5	33	5.5	39.5	19
22691-04-06	G1/4"X19	10	6	30	5.5	36.5	19
22691-06-04	G3/8"X19	6	4	30	6.3	37.7	22
22691-06-05	G3/8"X19	8	5	33	6.3	40.7	22
22691-06-06	G3/8"X19	10	6	35.3	6.3	43	22
22691-08-06T	G1/2"X14	10	6	35.3	7	43.3	27
22691-08-08	G1/2"X14	12	8	41	7.5	51	27
22691-08-10	G1/2"X14	16	10	56.5	7.5	55.5	27
22691-10-08	G5/8"X14	12	8	41	9.5	51.5	30
22691-10-10	G5/8"X14	16	10	56.5	9.5	56	30
22691-12-08T	G3/4"X14	12	8	41	10.9	52.1	32
22691-12-10	G3/4"X14	16	10	56.5	10.9	56.6	32
22691-12-12	G3/4"X14	20	12	65.5	10.9	66	32
22691-16-12T	G1"X11	20	12	65.5	11.7	68.3	41
22691-16-14	G1"X11	22	14	71.2	11.7	69.3	41
22691-16-16	G1"X11	25	16	76.7	11.7	73.8	41



22692

90° BSP FEMALE 60° CONE

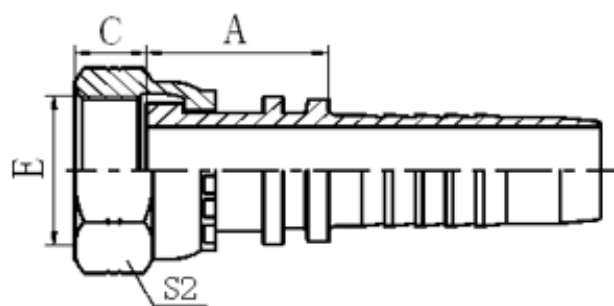
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
22692-04-04	G1/4"X19	6	4	31	36.5	19
22692-06-06	G3/8"X19	10	6	36.8	43	22
22692-08-08	G1/2"X14	12	8	42	51	27
22692-10-10	G5/8"X14	16	10	57	56	30
22692-12-12	G3/4"X14	20	12	66.8	66.1	32



24211, 24211-T, 24211W

ORFS FEMALE FLAT SEAT

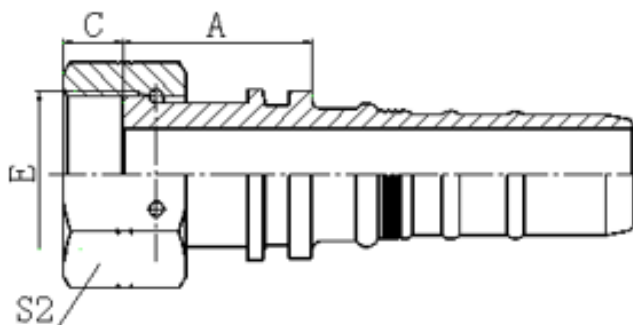
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
24211-04-04	9/16"X18	6	4	22.5	8.5	19
24211-04-05	9/16"X18	8	5	22.5	8.5	19
24211-04-06	9/16"X18	10	6	22.5	8.5	19
24211-06-04T	11/16"X16	6	4	23.5	10	22
24211-06-05T	11/16"X16	8	5	23.5	10	22
24211-06-06	11/16"X16	10	6	25.5	10	22
24211-06-08	11/16"X16	12	8	26	10	22
24211-08-05T	13/16"X16	8	5	25	11	27
24211-08-06T	13/16"X16	10	6	25	11	27
24211-0-808	13/16"X16	12	8	28	11	27
24211-08-10	13/16"X16	16	10	29	11	27
24211-10-08T	1"X14	12	8	29.5	13.5	30
24211-10-10	1"X14	16	10	33.5	13.5	30
24211-10-12	1"X14	20	12	33.5	13.5	30
24211-12-08T	1.3/16"X12	12	8	30.5	15	36
24211-12-10T	1.3/16"X12	16	10	31.5	15	36
24211-12-12	1.3/16"X12	20	12	35	15	36
24211-12-16	1.3/16"X12	25	16	36	15	36
24211-16-12T	1.7/16"X12	20	12	35	14.8	41
24211-16-14T	1.7/16"X12	22	14	34	14.8	41



24212, 24212-T, 24212-W

ORFS FEMALE FLAT SEAT

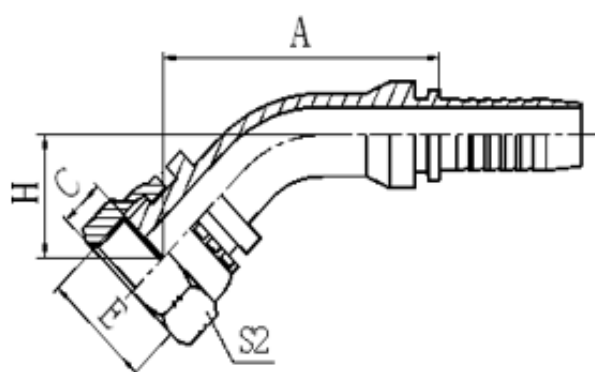
PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
24212-04-04	9/16"X18	6	4	23.5	19
24212-06-05	11/16"X16	8	5	27	22
24212-06-06	11/16"X16	10	6	27	22
24212-08-06T	13/16"X16	10	6	26.5	27
24212-08-08	13/16"X16	12	8	29	27
24212-08-10	13/16"X16	16	10	29.5	27
24212-10-08T	1"X14	12	8	30.5	30
24212-10-10	1"X14	16	10	34	30
24212-12-08T	1.3/16"X12	12	8	32.5	36
24212-12-10T	1.3/16"X12	16	10	32.5	36
24212-12-12	1.3/16"X12	20	12	35.8	36
24212-12-16	1.3/16"X12	25	16	36.5	36
24212-16-12T	1.7/16"X12	20	12	35.3	41
24212-16-16	1.7/16"X12	25	16	39.5	41
24212-16-20	1.7/16"X12	32	20	39.5	41
24212-20-16T	1.11/16"X12	25	16	35.5	50
24212-20-20W	1.11/16"X12	32	20	40	50
24212-20-2W4	1.11/16"X12	40	24	39.5	50
24212-24-20T	2"X12	32	20	36.5	60
24212-24-24T	2"X12	40	24	36	60



24213-W

ORFS FEMALE FLAT SEAT

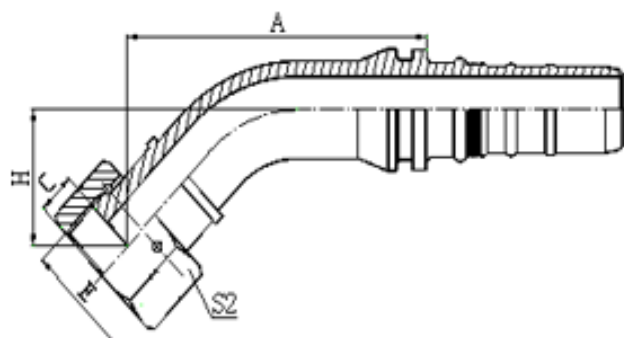
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
24213-12-12W	1.3/16"X12	20	12	41	15	36
24213-16-16W	1.7/16"X12	25	16	44.4	15	41
24213-20-20W	1.11/16"X12	32	20	47.8	15	50
24213-24-24W	2"X12	40	24	48.2	14.8	60



24241, 24241-T, 24241-W

45° ORFS FEMALE FLAT SEAT

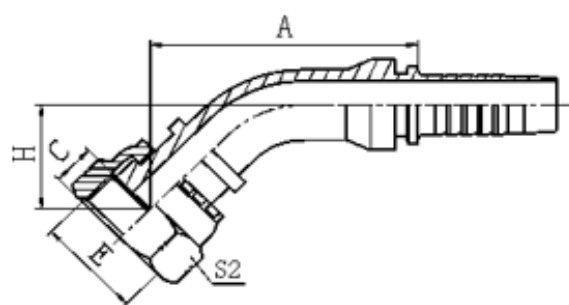
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	H	C	S2
24241-04-04	9/16"X18	6	4	45.5	23.4	8.5	19
24241-04-05	9/16"X18	8	5	47.6	24.3	8.5	19
24241-04-06	9/16"X18	10	6	49.2	24.9	8.5	19
24241-06-04T	11/16"X16	6	4	39.5	17.4	10	22
24241-06-05T	11/16"X16	8	5	42.3	19	10	22
24241-06-06	11/16"X16	10	6	51.7	27.4	10	22
24241-06-08	11/16"X16	12	8	63.9	29	10	22
24241-08-06T	13/16"X16	10	6	44.6	20.3	11	27
24241-08-08	13/16"X16	12	8	65.3	30.4	11	27
24241-08-10	13/16"X16	16	10	76.5	31.7	11	27
24241-10-08T	1"X14	12	8	58.2	23.3	13.5	30
24241-10-10	1"X14	16	10	79.7	34.9	13.5	30
24241-10-12	1"X14	20	12	86.5	38.4	13.5	30
24241-12-08T	1.3/16"X12	12	8	58.2	23.3	15	36
24241-12-10T	1.3/16"X12	16	10	69.4	24.6	15	36
24241-12-12	1.3/16"X12	20	12	87.6	39.5	15	36
24241-12-16	1.3/16"X12	25	16	95.3	41	15	36
24241-16-12T	1.7/16"X12	20	12	74	29.6	14.8	41
24241-16-14T	1.7/16"X12	22	14	78.7	28.5	14.8	41
24241-16-1T6	1.7/16"X12	25	16	84.1	29.7	14.8	41



24243-W

45° ORFS FEMALE FLAT SEAT

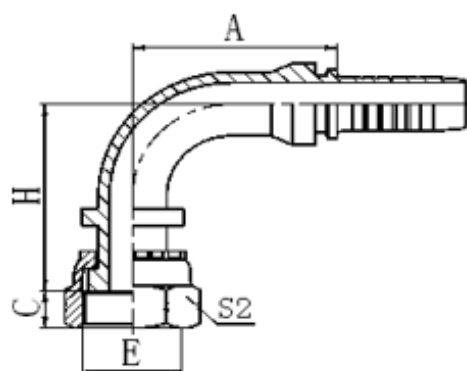
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
24243-1-21 2W	1.3/16"X12	20	12	97.7	15	42	36
24243-1-616W	1.7/16"X12	25	16	111	15	44.6	41
24243-2-020W	1.11/16"X12	32	20	124	15	49	50
24243-2-424W	2"X12	40	24	138.2	14.8	53.6	60



24242, 24242-T, 24242-W

45° ORFS FEMALE FLAT SEAT

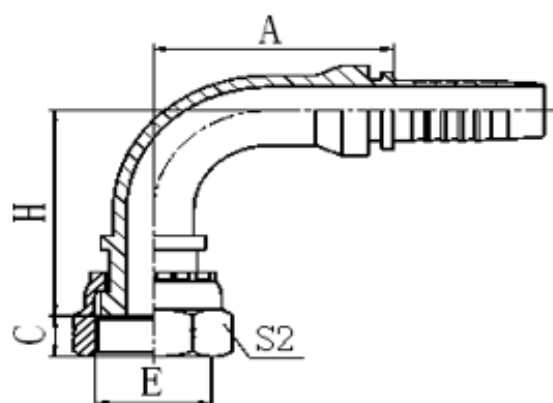
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
24242-04-04	9/16"X18	6	4	46.5	23.4	19
24242-06-05	11/16"X16	8	5	51.6	26.8	22
24242-06-06	11/16"X16	10	6	53.2	27.4	22
24242-08-06T	13/16"X16	10	6	46.8	21	27
24242-08-08	13/16"X16	12	8	66.3	30.4	27
24242-08-10	13/16"X16	16	10	77	31.7	27
24242-10-08T	1"X14	12	8	59.4	31.4	30
24242-10-10	1"X14	16	10	80.2	34.8	30
24242-12-08T	1.3/16"X12	12	8	60.8	32.8	36
24242-12-10T	1.3/16"X12	16	10	70	24.6	36
24242-12-12	1.3/16"X12	20	12	88.9	39.5	36
24242-12-16	1.3/16"X12	25	16	96.8	40.3	36
24242-16-12T	1.7/16"X12	20	12	72.7	29.6	41
24242-16-16	1.7/16"X12	25	16	98.6	42	41
24242-16-20	1.7/16"X12	32	20	108.	46.1	41
				9		
24242-20-16T	1.11/16"X12	25	16	84.9	29.7	50
24242-20-20W	1.11/16"X12	32	20	109.	48.4	50
				3		
24242-20-24W	1.11/16"X12	40	24	125	53	50
24242-24-20T	2"X12	32	20	96.5	33.8	60
24242-24-24W	2"X12	40	24	125.	53.6	60
				6		



24291, 24291-T, 24291W

90° ORFS FEMALE FLAT SEAT

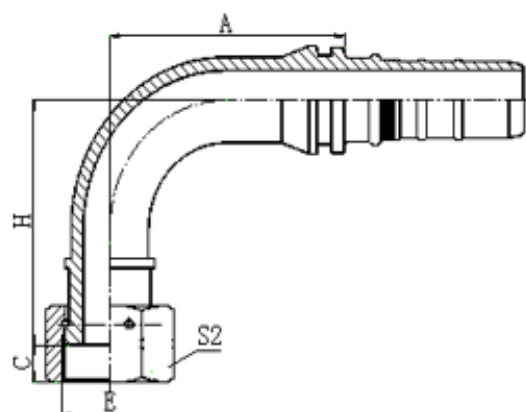
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	H	C	S2
24291-04-04	9/16"X18	6	4	30	41	8.5	19
24291-04-05	9/16"X18	8	5	33	44	8.5	19
24291-04-06	9/16"X18	10	6	35.3	46.3	8.5	19
24291-06-05T	11/16"X16	8	5	33	37.5	10	22
24291-06-06	11/16"X16	10	6	35.3	49.8	10	22
24291-06-08	11/16"X16	12	8	41	55	10	22
24291-08-06T	13/16"X16	10	6	35.3	39.8	11	27
24291-08-08	13/16"X16	12	8	41	57	11	27
24291-08-10	13/16"X16	16	10	56.5	61.5	11	27
24291-10-08T	1"X14	12	8	41	46	13.5	30
24291-10-10	1"X14	16	10	56.5	66	13.5	30
24291-10-12	1"X14	20	12	65.5	75.5	13.5	30
24291-12-10T	1.3/16"X12	16	10	56.5	51.5	15	36
24291-12-12	1.3/16"X12	20	12	65.5	77	15	36
24291-12-16	1.3/16"X12	25	16	76.7	83.5	15	36
24291-16-12T	1.7/16"X12	20	12	65.5	63	14.8	41
24291-16-14T	1.7/16"X12	22	14	71.2	63	14.8	41
24291-16-16T	1.7/16"X12	25	16	76.9	67.5	14.8	41
24291-16-20	1.7/16"X12	32	20	91.5	96	14.8	41
24291-20-16T	1.11/16"X12	25	16	76.7	67.5	15	50



24292, 24292-T, 24292-W

90° ORFS FEMALE FLAT SEAT

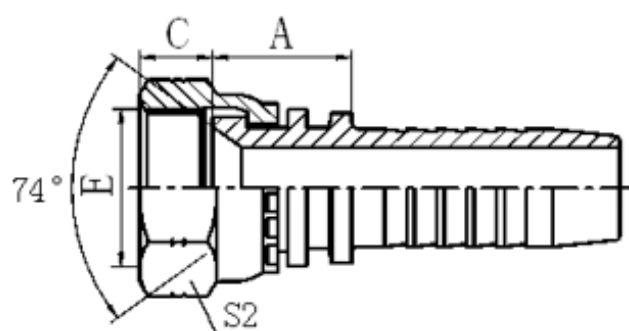
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
24292-04-04	9/16"X18	6	4	31	41	19
24292-06-05	11/16"X16	8	5	34.5	47.5	22
24292-06-06	11/16"X16	10	6	36.8	49.8	22
24292-08-06T	13/16"X16	10	6	36.8	49.3	27
24292-08-08	13/16"X16	12	8	42	57	27
24292-08-10	13/16"X16	16	10	57	61.5	27
24292-1-00 8T	1"X14	12	8	43	58.5	30
24292-10-10	1"X14	16	10	57	66	30
24292-12-08T	1.3/16"X12	12	8	43	60.5	36
24292-12-10T	1.3/16"X12	16	10	57	51.5	36
24292-12-12	1.3/16"X12	20	12	67.5	77	36
24292-12-16	1.3/16"X12	25	16	78.5	83.5	36
24292-16-12T	1.7/16"X12	20	12	65.2	76	41
24292-16-16	1.7/16"X12	25	16	78.5	85	41
24292-16-20	1.7/16"X12	32	20	93.5	96	41
24292-20-16T	1.11/16"X12	25	16	78.5	67.5	50
24292-20-20W	1.11/16"X12	32	20	93.5	96	50
24292-20-24W	1.11/16"X12	40	24	109.4	113.5	50
24292-24-20T	2"X12	32	20	93.5	78.5	60
24292-24-24T	2"X12	40	24	109.4	92	60



24293-W

90° ORFS FEMALE FLAT SEAT

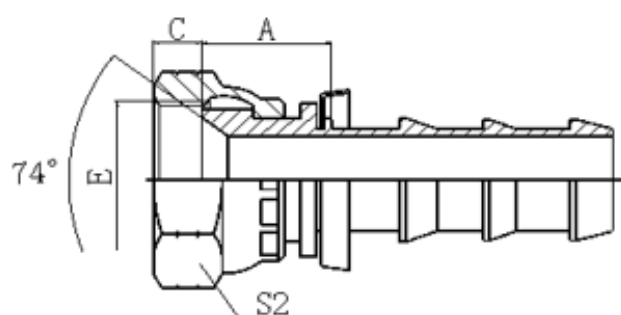
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
24293-1-212W	1.3/16"X12	20	12	73.8	15	80.5	36
24293-1-616W	1.7/16"X12	25	16	88.9	15	88.5	41
24293-2-020W	1.11/16"X12	32	20	105.8	15	100	50
24293-2-424W	2"X12	40	24	123.2	14.8	114.5	60



26711, 26711-T

JIC FEMALE 74° CONE SEAT

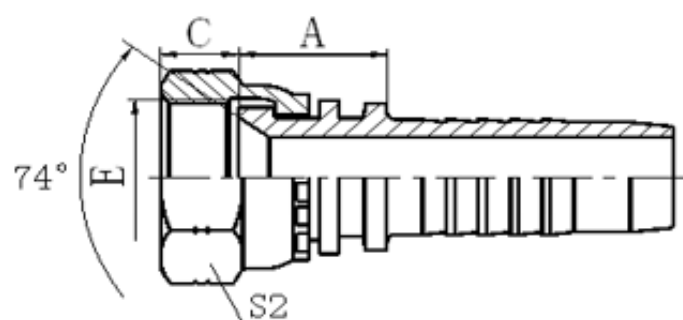
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
26711-04-03	7/16"X20	5	3	14.5	9	15
26711-04-04	7/16"X20	6	4	15	9	15
26711-05-04	1/2"X20	6	4	15.5	9.5	17
26711-05-05	1/2"X20	8	5	15.5	9.5	17
26711-05-06	1/2"X20	10	6	15.5	9.5	17
26711-06-04	9/16"X18	6	4	15.5	10.5	19
26711-06-05	9/16"X18	8	5	15.5	10.5	19
26711-06-06	9/16"X18	10	6	15.5	10.5	19
26711-06-08	9/16"X18	12	8	16	10.5	19
26711-08-06	3/4"X16	10	6	17.5	11	24
26711-08-08	3/4"X16	12	8	18	11	24
26711-08-10	3/4"X16	16	10	19.5	11	24
26711-10-08	7/8"X14	12	8	18.5	13	27
26711-10-10	7/8"X14	16	10	20	13	27
26711-10-12	7/8"X14	20	12	20	13	27
26711-12-08T	1.1/16"X12	12	8	19	15	32
26711-12-10	1.1/16"X12	16	10	21.5	15	32
26711-12-12	1.1/16"X12	20	12	21.5	15	32
26711-12-16	1.1/16"X12	25	16	23	15	32
26711-14-12	1.3/16"X12	20	12	21.5	15	36



26711-PO

JIC FEMALE 74° CONE SEAT

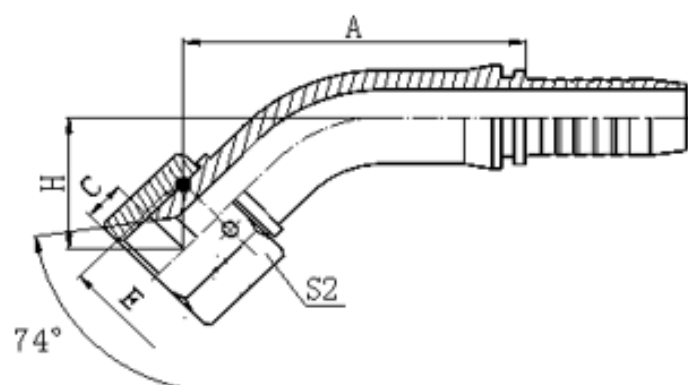
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
26711-04-04PO	7/16"X20	6	4	12.2	9	15
26711-05-04PO	1/2"X20	6	4	12.2	9.5	17
26711-06-06PO	9/16"X18	10	6	12.5	10.5	19
26711-08-06PO	3/4"X16	10	6	12.5	11	24
26711-08-08PO	3/4"X16	12	8	14.7	11	24
26711-10-08PO	7/8"X14	12	8	15.2	13	27
26711-10-10PO	7/8"X14	16	10			27
26711-12-12PO	1.1/16"X12	20	12	17.4	15	32
26711-16-16PO	1.5/16"X12	25	16			41



26712, 26712-T, 26712-W

JIC FEMALE 74° CONE SEAT

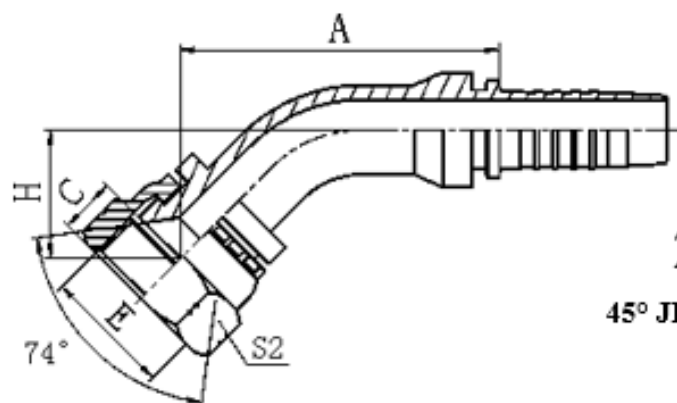
PART NO.	THREAD E	HOSE BORE		DIMENSIONS	
		DN	DASH	A	S2
26712-04-04	7/16"X20	6	4	16	15
26712-06-04	9/16"X18	6	4	16.5	19
26712-06-06	9/16"X18	10	6	17	19
26712-08-06	3/4"X16	10	6	19	24
26712-08-08	3/4"X16	12	8	19	24
26712-10-08	7/8"X14	12	8	19.5	27
26712-10-10	7/8"X14	16	10	20.5	27
26712-10-12	7/8"X14	20	12	21.3	27
26712-12-08	1.1/16"X12	12	8	21.5	32
26712-12-10	1.1/16"X12	16	10	22	32
26712-12-12	1.1/16"X12	20	12	22.8	32
26712-12-14	1.1/16"X12	22	14	23.5	32
26712-12-16	1.1/16"X12	25	16	24	32
26712-16-12T	1.5/16"X12	20	12	19.8	41
26712-16-16	1.5/16"X12	25	16	24	41
26712-20-16T	1.5/8"X12	25	16	24	50
26712-20-20W	1.5/8"X12	32	20	25.5	50
26712-24-24W	1.7/8"X12	40	24	30	55
26712-32-32T	2.1/2"X12	50	32	28	75
26712-40-40T	3"X12	64	40	39	90



26741, 26741W

45° JIC FEMALE 74° CONE SEAT

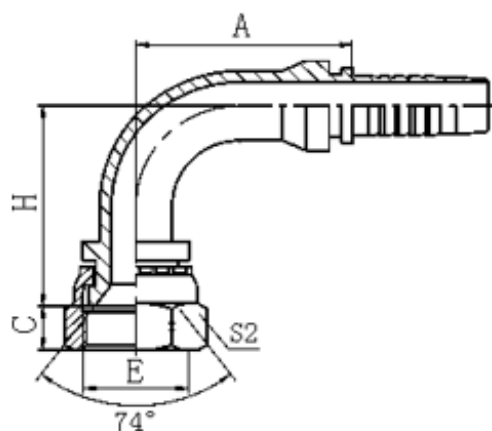
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
26741-04-03	7/16"X20	5	3	37.6	9	17.2	15
26741-04-04	7/16"X20	6	4	40.2	9	18.1	15
26741-05-04	1/2"X20	6	4	40.5	9.5	18.5	17
26741-05-05	1/2"X20	8	5	42.7	9.5	19.3	17
26741-05-06	1/2"X20	10	6	44.6	9.5	20.3	17
26741-06-04	9/16"X18	6	4	40.5	10.5	18.5	19
26741-06-05	9/16"X18	8	5	42.7	10.5	19.3	19
26741-06-06	9/16"X18	10	6	44.3	10.5	20	19
26741-06-08	9/16"X18	12	8	56.8	10.5	21.9	19
26741-08-06	3/4"X16	10	6	45.7	11	21.4	24
26741-08-08	3/4"X16	12	8	58.6	11	23.5	24
26741-10-08	7/8"X14	12	8	58.9	13	24	27
26741-10-10	7/8"X14	16	10	70.1	13	25.3	27
26741-10-12	7/8"X14	20	12	77	13	28.9	27
26741-12-08	1.1/16"X12	12	8	60	15	25	32
26741-12-10	1.1/16"X12	16	10	71.2	15	26.4	32
26741-12-12	1.1/16"X12	20	12	77.4	15	30	32
26741-12-16	1.1/16"X12	25	16	85.3	15	31	32
26741-14-12	1.3/16"X12	20	12	77.4	15	30	36
26741-16-12	1.5/16"X12	20	12	77.4	16	30	41



2674, 26742W

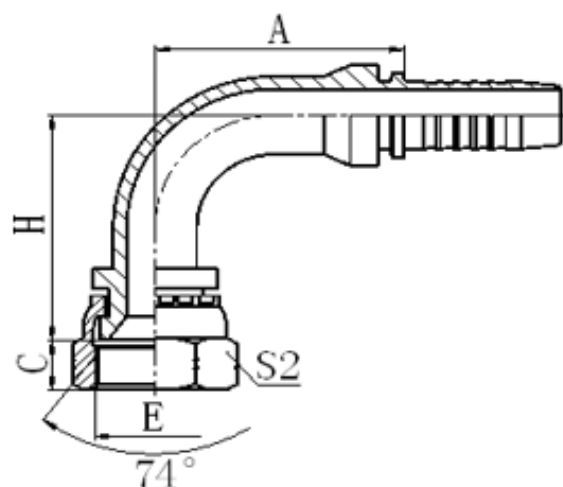
45° JIC FEMALE 74° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
26742-04-04	7/16"X20	6	4	41.2	18.1	15
26742-06-04	9/16"X18	6	4	41.9	18.8	19
26742-06-05	9/16"X18	8	5	44.5	19.7	19
26742-06-06	9/16"X18	10	6	45.8	20	19
26742-08-06	3/4"X16	10	6	47.9	22.1	24
26742-08-08	3/4"X16	12	8	59.6	23.6	24
26742-10-08	7/8"X14	12	8	59.9	24	27
26742-10-10	7/8"X14	16	10	70.6	25.3	27
26742-12-12	1.1/16"X12	20	12	78.7	30	32
26742-16-12	1.5/16"X12	20	12	75.7	30	41
26742-16-16	1.5/16"X12	25	16	87.5	31.5	41
26742-20-16W	1.5/8"X12	25	16	90.8	34.3	50
26742-20-20W	1.5/8"X12	32	20	101.1	38.4	50
26742-24-24W	1.7/8"X12	40	24	115.1	44.4	55
26742-32-32W	2.1/2"X12	50	32	136.9	51.6	75



26792, 26792W
 90° JIC 74°
 90° JIC FEMALE 74° CONE SEAT

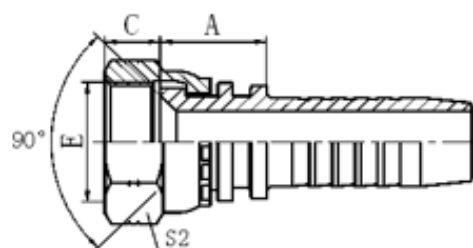
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	H	S2
26792-04-04	7/16"X20	6	4	31	33.5	15
26792-06-04	9/16"X18	6	4	31	34	19
26792-06-05	9/16"X18	8	5	35.5	37	19
26792-06-06	9/16"X18	10	6	36.8	39.3	19
26792-08-06	3/4"X16	10	6	36.8	41.3	24
26792-08-08	3/4"X16	12	8	42	47	24
26792-10-08	7/8"X14	12	8	42	48	27
26792-10-10	7/8"X14	16	10	57	52.5	27
26792-12-12	1.1/16"X12	20	12	66.8	63.5	32
26792-16-12	1.5/16"X12	20	12	66.8	63.5	41
26792-16-16	1.5/16"X12	25	16	78.5	70	41
26792-20-16W	1.5/8"X12	25	16	78.5	73.5	50
26792-20-20W	1.5/8"X12	32	20	93.5	80.5	50
26792-24-24W	1.7/8"X12	40	24	109.4	94	55
26792-32-32W	2.1/2"X12	50	32	134.1	121.8	75



26791, 26791W

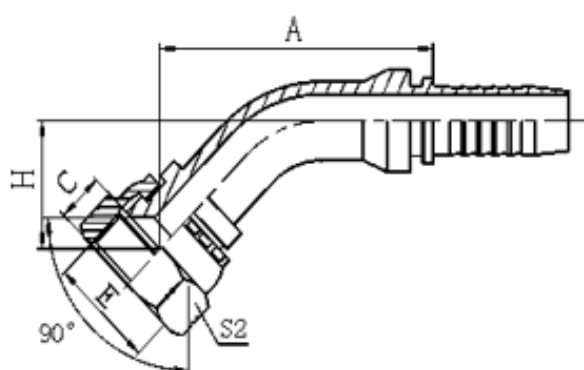
90° JIC FEMALE 74° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
26791-04-03	7/16"X20	5	3	26.5	9	30.5	15
26791-04-04	7/16"X20	6	4	30	9	33.5	15
26791-05-04	1/2"X20	6	4	30	9.5	34	17
26791-05-05	1/2"X20	8	5	33	9.5	37	17
26791-05-06	1/2"X20	10	6	35.3	9.5	39.3	17
26791-06-04	9/16"X18	6	4	30	10.5	34	19
26791-06-05	9/16"X18	8	5	33	10.5	37	19
26791-06-06	9/16"X18	10	6	35.3	10.5	39.3	19
26791-06-08	9/16"X18	12	8	41	10.5	45.5	19
26791-08-06	3/4"X16	10	6	35.3	11	41.3	24
26791-08-08	3/4"X16	12	8	41	11	47	24
26791-08-10	3/4"X16	16	10	56.5	11	51.5	24
26791-10-08	7/8"X14	12	8	41	13	48	27
26791-10-10	7/8"X14	16	10	56.5	13	52.5	27
26791-10-12	7/8"X14	20	12	67	13	64	27
26791-12-08	1.1/16"X12	12	8	41	15	49.5	32
26791-12-10	1.1/16"X12	16	10	56.5	15	54	32
26791-12-12	1.1/16"X12	20	12	65.5	15	63.5	32
26791-12-16	1.1/16"X12	25	16	76.7	15	70	32
26791-14-12	1.3/16"X12	20	12	65.5	15	63.5	36



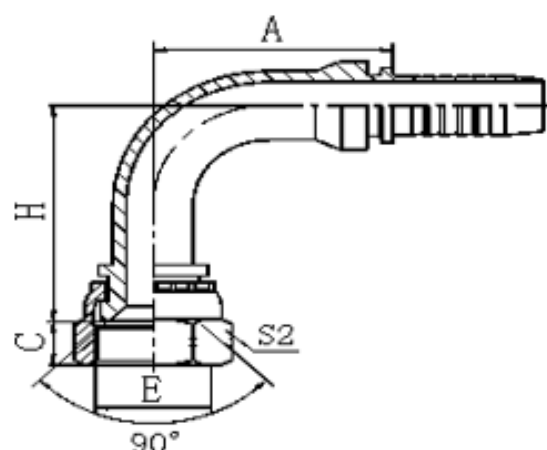
27811
SAE FEMALE 90° CONE
SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S2
27811-04-03	7/16"X20	5	3	14	9	15
2781-104-04	7/16"X20	6	4	15	9	15
27811-05-05	1/2"X20	8	5	15.5	9.5	17
27811-06-04	5/8"X18	6	4	17	11.3	22
27811-06-05	5/8"X18	8	5	17	11.3	22
27811-06-06	5/8"X18	10	6	17	11.3	22
27811-08-08	3/4"X16	12	8	18	11	24
27811-10-08	7/8"X14	12	8	18.5	13	27
27811-10-10	7/8"X14	16	10	20	13	27
27811-12-12	1.1/16"X14	20	12	21.5	14.3	32



27841
45° SAE FEMALE 90° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
27841-04-03	7/16"X20	5	3	37.6	9	17.2	15
27841-06-04	5/8"X18	6	4	42	11.3	19.9	22
27841-06-05	5/8"X18	8	5	44.1	11.3	20.7	22
27841-06-06	5/8"X18	10	6	45.7	11.3	21.4	22
27841-08-08	3/4"X16	12	8	58.2	11	23.3	24
27841-10-08	7/8"X14	12	8	58.2	13	23.3	27
27841-10-10	7/8"X14	16	10	69.4	13	24.6	27
27841-12-12	1.1/16"X14	20	12	77.4	14.3	30	32

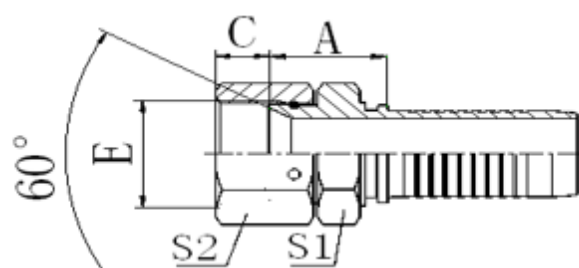


27891

90° SAE FEMALE 90° CONE SEAT

90° SAE FEMALE 90° CONE SEAT

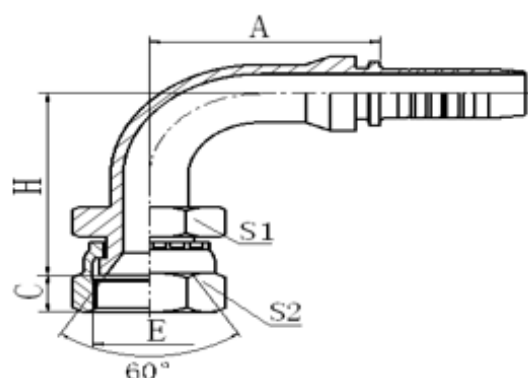
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	H	S2
27891-04-03	7/16"X20	5	3	26.5	9	30.5	15
27891-06-04	5/8"X18	6	4	30	11.3	36	22
27891-06-05	5/8"X18	8	5	33	11.3	39	22
27891-06-06	5/8"X18	10	6	35.3	11.3	41.3	22
27891-10-08	7/8"X14	12	8	41	13	47	27
27891-10-10	7/8"X14	16	10	56.5	13	51.5	27
27891-12-12	1.1/16"X14	20	12	65.5	14.3	63.5	32



28611 28611-W

JIS METRIC FEMALE 60° CONE SEAT

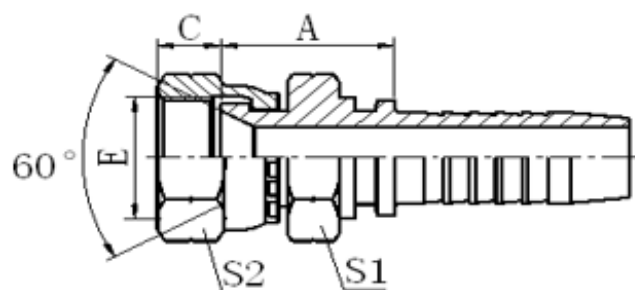
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	S1	S2
28611-12-04	M12X1.5	6	4	20	9	17	17
28611-14-04	M14X1.5	6	4	21	10.5	19	19
28611-14-06	M14X1.5	10	6	21	10.5	19	19
28611-16-04	M16X1.5	6	4	24	10	22	22
28611-16-05	M16X1.5	8	5	24	10	22	22
28611-16-06	M16X1.5	10	6	24	10	22	22
28611-18-06	M18X1.5	10	6	25	11.5	24	24
28611-18-08	M18X1.5	12	8	24.5	11.5	24	24
28611-20-08	M20X1.5	12	8	28.5	12	27	27
28611-22-08	M22X1.5	12	8	25.5	14	27	27
28611-24-08	M24X1.5	12	8	27.5	15	32	32
28611-24-10	M24X1.5	16	10	28.5	15	32	32
28611-27-10	M27X1.5	16	10	28.5	10	32	32
28611-30-12	M30X1.5	20	12	28.5	18.3	36	36
28611-33-12	M33X1.5	20	12	31	21.3	41	41
28611-33-16	M33X1.5	25	16	32	21.3	41	41
28611-36-20	M36X1.5	32	20	35.5	20	46	46
2861-14-224W	M42X1.5	40	24	36	18.8	55	55



28691 28691-W

90° JIS METRIC FEMALE 60° CONE SEAT

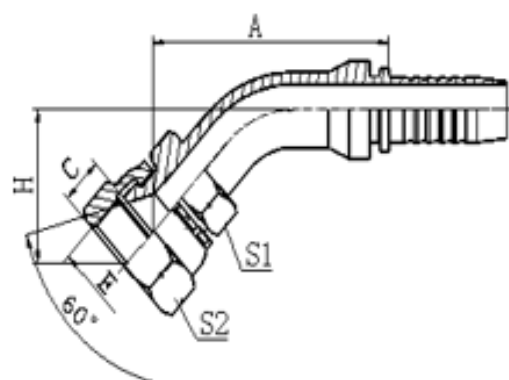
PART NO.	THREAD E	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	H	S1	S2
28691-14-04	M14X1.5	6	4	30	10.5	38	19	19
28691-14-06	M14X1.5	10	6	35.5	10.5	43.3	19	19
28691-16-05	M16X1.5	8	5	33	10	44	22	22
28691-18-06	M18X1.5	10	6	35.3	11.5	46.3	24	24
28691-22-08	M22X1.5	12	8	41	14	52.5	27	27
28691-24-10	M24X1.5	16	10	56.5	15	59	32	32
28691-30-12	M30X1.5	20	12	65.5	18.3	68.5	36	36
28691-33-16	M33X1.5	25	16	76.7	21.3	76	41	41
28691-36-20	M36X1.5	32	20	93	20	90	46	46
28691-42-24W	M42X1.5	40	24	109.4	18.8	103	55	55



29611 29611-W

JIS GAS FEMALE 60° CONE SEAT

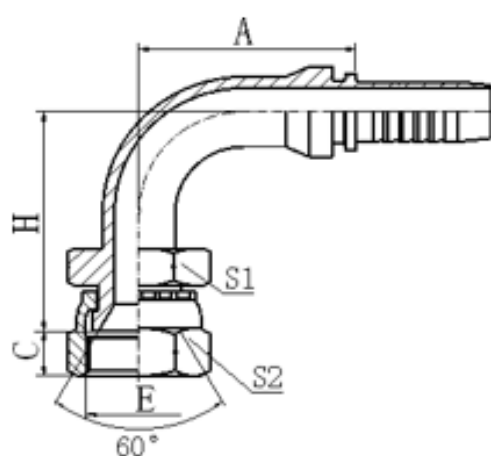
PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	S1	S2
29611-0-203	G1/8"X28	5	3	20	7	14	14
29611-0-404	G1/4"X19	6	4	21	8	19	19
29611-0-405	G1/4"X19	8	5	21	8	19	19
29611-0-604	G3/8"X19	6	4	24	9	22	22
29611-0-606	G3/8"X19	10	6	23	9	22	22
29611-0-806	G1/2"X14	10	6	28	12	27	27
29611-0-808	G1/2"X14	12	8	26.5	12	27	27
29611-1-010	G5/8"X14	16	10	31	11.5	30	30
29611-1-210	G3/4"X14	16	10	28.5	13.5	32	32
29611-1-212	G3/4"X14	20	12	28.5	13.5	32	32
29611-1-616	G1"X11	25	16	32	16	41	41
29611-20-20W	G1.1/4"X11	32	20	43	18.5	50	50
29611-24-24W	G1.1/2"X11	40	24	43.5	19	55	55
29611-32-32W	G2"X11	50	32	46.5	23	70	70



29641, 29641-W

45° JIS GAS FEMALE 60° CONE SEAT

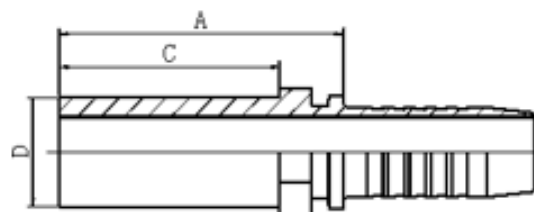
PART NO.	THREAD E	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	H	S1	S2
29641-04-04	G1/4"X19	6	4	43.4	8	21.3	19	19
29641-06-06	G3/8"X19	10	6	48.9	9	24.6	22	22
29641-0-808	G1/2"X14	12	8	62.5	12	27.5	27	27
29641-12-12	G3/4"X14	20	12	81.3	13.5	33.9	32	32
29641-16-16	G1"X11	25	16	87.3	16	36	41	41
29641-20-20W	G1.1/4"X11	32	20	107.3	18.5	46.5	50	50
29641-24-24W	G1.1/2"X11	40	24	122.8	19	50.8	55	55
29641-32-32W	G2"X11	50	32	143	23	60	70	70



29691, 29691-W

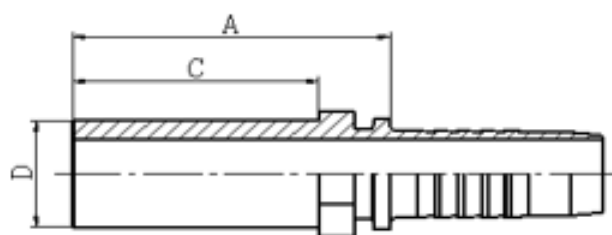
90° JIS GAS FEMALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	H	S1	S2
29691-04-04	G1/4"X19	6	4	30	8	38	19	19
29691-04-05	G1/4"X19	8	5	33	8	41	19	19
29691-06-06	G3/8"X19	10	6	35.3	9	45.8	22	22
29691-08-08	G1/2"X14	12	8	41	12	53	27	27
29691-10-10	G5/8"X14	16	10	56.5	11.5	61	30	30
29691-12-12	G3/4"X14	20	12	65.5	13.5	69	32	32
29691-16-16	G1"X11	25	16	76.7	16	76.5	41	41
29691-20-20W	G1.1/4"X11	32	20	91.5	18.5	92.5	50	50
29691-24-24W	G1.1/2"X11	40	24	109.4	19	110.5	55	55
29691-32-32W	G2"X11	50	32	131.8	23	133.8	70	70



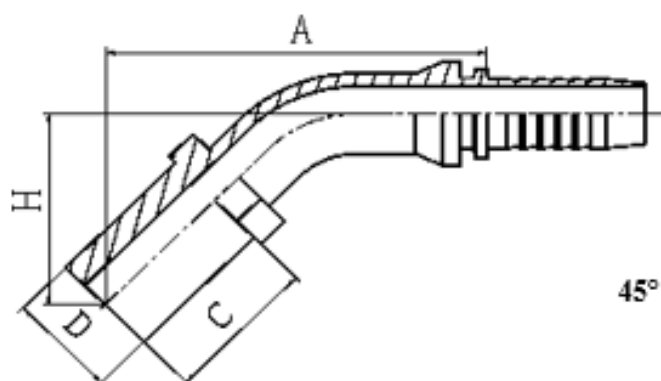
50011
METRIC STANDPIPE
STRAIGHTDIN 2353

PART NO.	TUBE O.D.	HOSE BORE		DIMENSIONS	
		DN	DASH	A	C
50011-06-03	6	5	3	28.5	22
50011-06-04	6	6	4	29	22
50011-10-05	10	8	5	31	23
50011-10-06	10	10	6	32	23
50011-12-06	12	10	6	33.5	23
50011-12-08	12	12	8	33	23
50011-15-06	15	10	6	35.5	25
50011-15-08	15	12	8	35.5	25
50011-18-08	18	12	8	36.5	26
50011-18-10	18	16	10	41	26
50011-22-10	22	16	10	44	28
50011-22-12	22	20	12	44	28
50011-22-16	22	25	16	46	28
50011-28-16	28	25	16	47	30
50011-35-20	35	32	20	56	36
50011-42-24	42	40	24	62	40
50011-08-04	8	6	4	31	24
50011-08-05	8	8	5	33	24
50011-08-06	8	10	6	33	24
50011-10-04	10	6	4	35	26

**50012**

METRIC STANDPIPE STRAIGHT DIN 2353

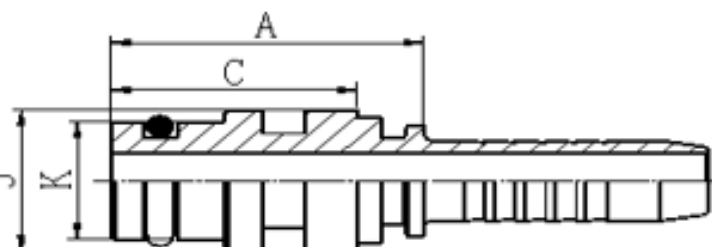
PART NO.	TUBE O.D.	HOSE BORE		DIMENSIONS	
		DN	DASH	A	C
50012-06-04	6	6	4	30	22
50012-10-05	10	8	5	32.5	23
50012-10-06	10	10	6	33.5	23
50012-12-06	12	10	6	35	23
50012-12-08	12	12	8	34	23
50012-15-06	15	10	6	37	25
50012-15-08	15	12	8	36.5	25
50012-18-08	18	12	8	37.5	26
50012-18-10	18	16	10	41.5	26
50012-22-10	22	16	10	44.5	28
50012-22-12	22	20	12	45.3	28
50012-22-16	22	25	16	47	28
50012-28-16	28	25	16	50	30
50012-35-20	35	32	20	56.5	36
50012-42-24	42	40	24	62	40
50012-08-04	8	6	4	32	24
50012-08-05	8	8	5	34.5	24
50012-08-06	8	10	6	34.5	24
50012-10-04	10	6	4	36	26
50012-12-04	12	6	4	35.5	26



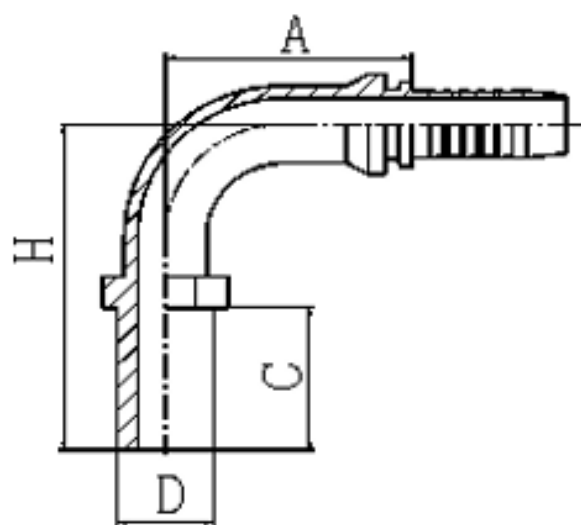
50041

45° METRIC STANDPIPE STRAIGHT DIN 2353

PART NO.	TUBE O.D.	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	H
50041-06-03	6	5	3	47.8	22	27.5
50041-06-04	6	6	4	52.2	22	30.1
50041-08-05	8	8	5	55.7	24	32.4
50041-08-06	8	10	6	57.9	24	33.1
50041-10-05	10	8	5	54	23	30.6
50041-10-06	10	10	6	56.1	23	31.3
50041-12-06	12	10	6	58.5	23	34.5
50041-12-08	12	12	8	72.4	23	37.4
50041-15-06	15	10	6	59.3	25	34.5
50041-15-08	15	12	8	70.6	25	35.7
50041-18-08	18	12	8	73.4	26	38.5
50041-18-10	18	16	10	84.6	26	39.8
50041-22-10	22	16	10	87.1	28	42.3
50041-22-12	22	20	12	93.3	28	45.9
50041-22-16	22	25	16	100.9	28	46.7
50041-28-16	28	25	16	103.7	30	49.5
50041-35-20	35	32	20	118.5	36	57.8
50041-08-04	8	6	4	53.6	24	31.5
50041-10-04	10	6	4	54	26	31.9
50041-12-04	12	6	4	57.1	26	35.1

**60011****MT STAPLELOCK MALE**

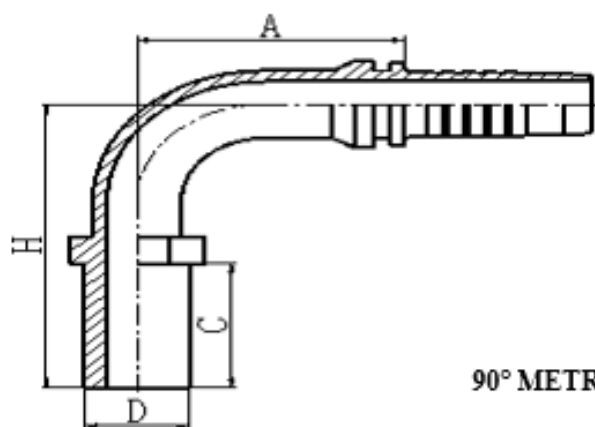
PART NO.	HOSE BORE				DIMENSIONS	
	DN	DASH	A	C	J	K
60011-04-04	6	4	31	25	15	11
60011-05-05	8	5	33,5	26	18	13
60011-06-06	10	6	33	26	18	15
60011-08-06	10	6	33,5	26	22	18
60011-08-08	12	8	34	26	22	18
60011-10-10	16	10	39	30	25	20
60011-12-12	20	12	40,5	31	28	24
60011-16-14	22	14	41	31	35	30
60011-16-16	25	16	42	31	35	30



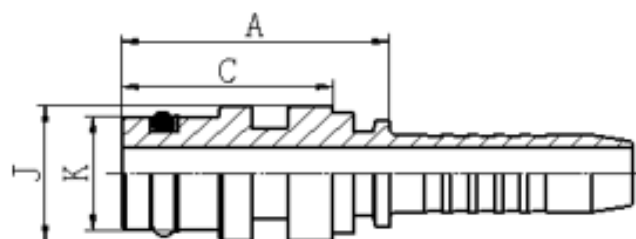
50091

90°METRIC STANDPIPE STRAIGHT DIN 2353

PART NO.	TUBE O.D.	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	H
50091-06-03	6	5	3	26.5	22	45
50091-06-04	6	6	4	30	22	48
50091-08-05	8	8	5	34	24	55.5
50091-08-06	8	10	6	35.8	24	57.8
50091-10-05	10	8	5	34	23	53
50091-10-06	10	10	6	35.3	23	55.3
50091-12-06	12	10	6	35.3	23	59.8
50091-12-08	12	12	8	41	23	67
50091-15-06	15	10	6	35.8	25	59.8
50091-15-08	15	12	8	41	25	65
50091-18-08	18	12	8	41	26	68.5
50091-18-10	18	16	10	56.5	26	73
50091-22-10	22	16	10	56.5	28	76.5
50091-22-12	22	20	12	65.5	28	86
50091-22-16	22	25	16	76.7	28	91.5
50091-28-16	28	25	16	76.7	30	95.5
50091-35-20	35	32	20	91.5	36	112.5
50091-08-04	8	6	4	30	24	52.5
50091-10-04	10	6	4	30	26	53
50091-12-04	12	6	4	30	26	57.5

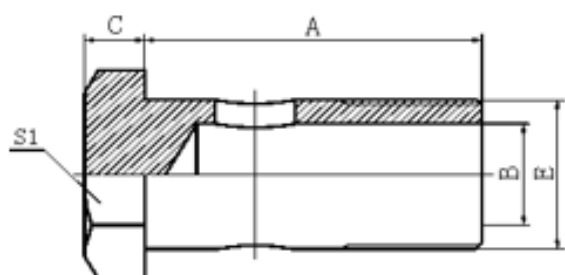
**50092****90° METRIC STANDPIPE STRAIGHT DIN 2353**

PART NO.	TUBE O D	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	H
50092-06-04	6	6	4	31	22	48
50092-10-05	10	8	6	35.5	23	53
50092-10-06	10	10	6	36.8	23	56.3
50092-12-06	12	10	6	36.8	23	57.8
50092-12-08	12	12	8	42	23	62
50092-15-06	15	10	6	36.8	25	59.8
50092-15-08	15	12	8	42	25	64.5
50092-18-08	18	12	8	42	26	65.5
50092-18-10	18	16	10	57	26	73.5
50092-22-10	22	16	10	57	28	76.5
50092-22-12	22	20	12	67.5	28	86
50092-28-16	28	25	16	77.7	30	95.5
50092-35-20	35	32	20	92	36	112.5
50092-42-24	42	40	24	109.4	40	132
50092-08-04	8	6	4	31	24	52.5
50092-10-04	10	6	4	31	26	53
50092-12-04	12	6	4	31	26	57.5
50092-12-05	12	8	5	34.5	26	60.5
50092-14-06	14	10	6	36.8	29	63.8
50092-14-08	14	12	8	42	29	69



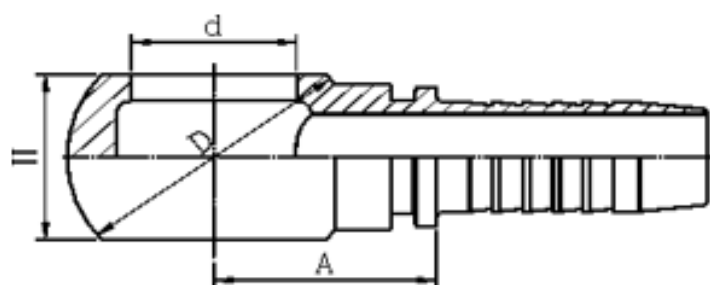
67011
SAE STAPLE-LOK MALE

PART NO.	DN	HOSE BORE		DIMENSIONS			
		DASH	O-RING	A	C	J	K
67011-04-04	6	4	O06.0X2.0	34	28	14.9	9.9
67011-06-06	10	6	O10.0X2.0	35	28	19.9	13.9
67011-08-08	12	8	O13.0X2.5	36	28	23.9	17.9
67011-12-12	20	12	O19.0X2.5	37.5	28	28.9	23.9
67011-16-16	25	16	O25.0X2.5	44	33	38.8	30.9
67011-20-20	32	20	O33.0X2.5	44	33	45.9	37.9
67011-24-24	40	24	O40.0X3.0	47.5	36.3	54.9	46.9
67011-3-23 2	50	32	O50.0X3.0	47.5	36.3	63.9	55.9



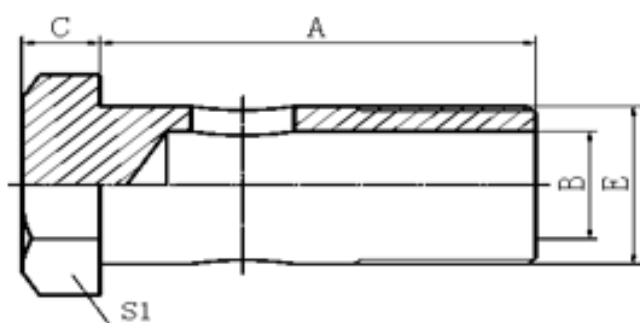
700M
METRIC
BOLT DIN
7643

PART NO.	THREAD E	DIMENSIONS			
		A	B	C	S1
700M-10	M10X1	19	5	6	14
700M-12	M12X1.5	24	6	6	17
700M-14	M14X1.5	26	8	7	19
700M-16	M16X1.5	28	9	7.5	22
700M-18	M18X1.5	32	11	8	24
700M-22	M22X1.5	39	14	9	27
700M-26	M26X1.5	45	18	10	32
700M-30	M30X1.5	51	22	11	38



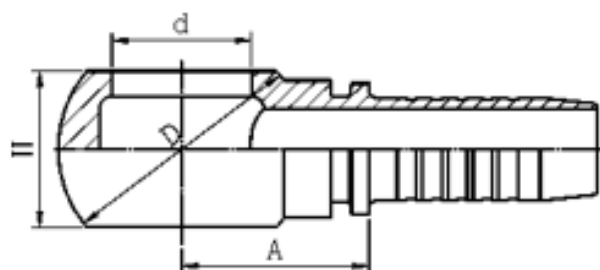
71011
JB METRIC BANJO

PART NO.	BOLT	HOSE BORE		DIMENSIONS			
		DN	DASH	A	d	D	H
71011-06-04	M6X1	6	4	16	6	18	12
71011-08-04	M8X1	6	4	17	8	20	13
71011-10-05	M10X1	8	5	19	10	22	13
71011-10-06	M10X1	10	6	19	10	22	13
71011-14-04	M14X1.5	6	4	20.5	14	28	18
71011-14-05	M14X1.5	8	5	21.5	14	28	18
71011-16-05	M16X1.5	8	5	22.5	16	32	18
71011-18-06	M18X1.5	10	6	26.5	18	36	22
71011-20-06	M20X1.5	10	6	29.5	20	36	22
71011-20-08	M20X1.5	12	8	30	20	36	22
71011-22-10	M22X1.5	16	10	31	22	46	30
71011-22-12	M22X1.5	20	12	31	22	46	30
71011-27-10	M27X2	16	10	37	27	56	36
71011-33-12	M33X2	20	12	43	33	64	50
71011-42-20	M42X2	32	20	71	42	78	64



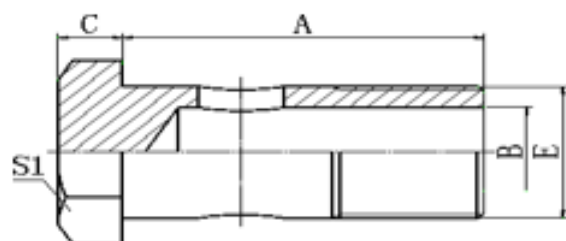
710M
JB METRIC BOLT

PART NO.	THREAD E			DIMENSIONS	
		A	B	C	S1
710M-10	M10X1	25	4	6	17
710M-14	M14X1.5	32	8	7	19
710M-18	M18X1.5	38	11	8	24
710M-22	M22X1.5	48	14	9	30
710M-27	M27X2	60	18	10	36
710M-33	M33X2	63	22	12	41
710M-42	M42X2	85	28	14	55



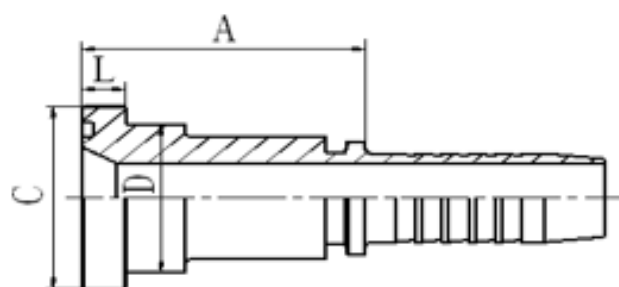
72011
BSP BANJO

PART NO.	THREAD E	HOSE BORE		DIMENSIONS			
		DN	DASH	A	d	D	H
72011-02-03	G1/8"X28	5	3	18	9.9	22	16
72011-02-04	G1/8"X28	6	4	18.5	9.9	22	16
72011-04-03	G1/4"X19	5	3	19	13.3	24	15
72011-04-04	G1/4"X19	6	4	19.5	13.3	24	15
72011-04-05	G1/4"X19	8	5	19.5	13.3	24	15
72011-04-06	G1/4"X19	10	6	19.5	13.3	24	15
72011-06-04	G3/8"X19	6	4	22	16.7	29	20
72011-06-05	G3/8"X19	8	5	22	16.7	29	20
72011-06-06	G3/8"X19	10	6	22	16.7	29	20
72011-06-08	G3/8"X19	12	8	23	16.7	29	20
72011-08-05	G1/2"X14	8	5	27.5	21	38	25
72011-08-06	G1/2"X14	10	6	27.5	21	38	25
72011-08-08	G1/2"X14	12	8	28	21	38	25
72011-08-10	G1/2"X14	16	10	29	21	38	25
72011-10-10	G5/8"X14	16	10	28	23	40	27
72011-12-10	G3/4"X14	16	10	32	26.5	48	31
72011-12-12	G3/4"X14	20	12	32	26.5	48	31
72011-16-08	G1"X11	12	8	40	33.3	60	42
72011-16-12	G1"X11	20	12	40	33.3	60	42
72011-16-16	G1"X11	25	16	41	33.3	60	42

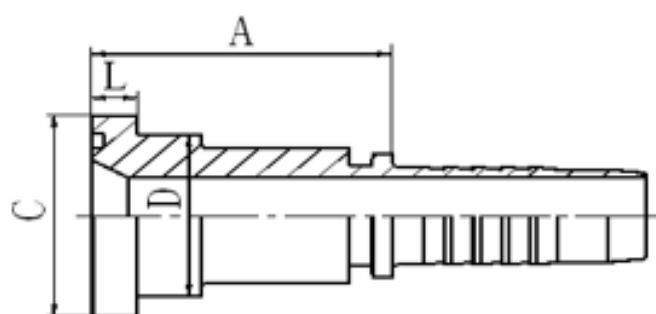
**720B**

BSP BOLT

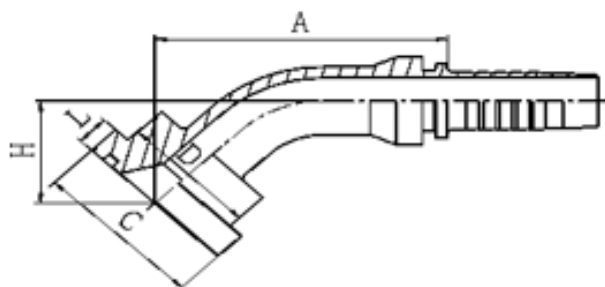
PART NO.	THREAD E	DIMENSIONS			
		A	B	C	S1
720B-02	G1/8"X28	29.5	4.8	4.8	14
720B-04	G1/4"X19	28.5	6	6	19
720B-06	G3/8"X19	38.5	9	7	22
720B-08	G1/2"X14	44	13	8.5	27
720B-10	G5/8"X14	48.5	15	10	30
720B-12	G3/4"X14	56	18	10	32
720B-16	G1"X11	68.5	22	13	41

**87311** SAE FLANGE 3000 PSI

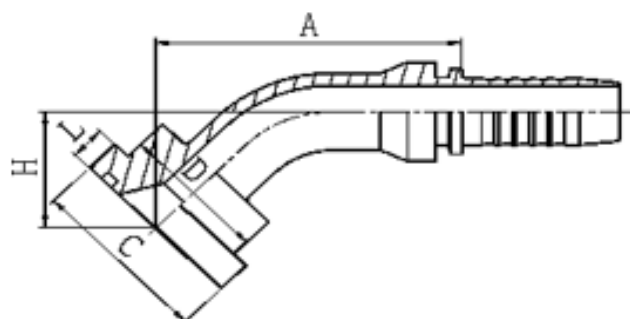
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	D	L
87311-08-08	1/2"	12	8	46	30.2	24	6.73
87311-12-08	3/4"	12	8	47	38.1	31.7	6.73
87311-12-10	3/4"	16	10	48	38.1	31.7	6.73
87311-12-12	3/4"	20	12	48	38.1	31.7	6.73
87311-12-16	3/4"	25	16	49	38.1	31.7	6.73
87311-16-12	1"	20	12	51	44.4	38	8
87311-16-16	1"	25	16	52	44.4	38	8
87311-16-20	1"	32	20	53	44.4	38	8
87311-20-16	1.1/4"	25	16	57	50.8	43	8
87311-20-20	1.1/4"	32	20	58	50.8	43	8
87311-24-20	1.1/2"	32	20	68	60.3	50	8
87311-24-24	1.1/2"	40	24	68	60.3	50	8
8731-132-24	2"	40	24	70	71.4	62	9.53
87311-32-32	2"	50	32	70	71.4	62	9.53
87311-40-40	2.1/2"	64	40	76	84.1	74	9.53

**87312** SAE FLANGE 3000 PSI

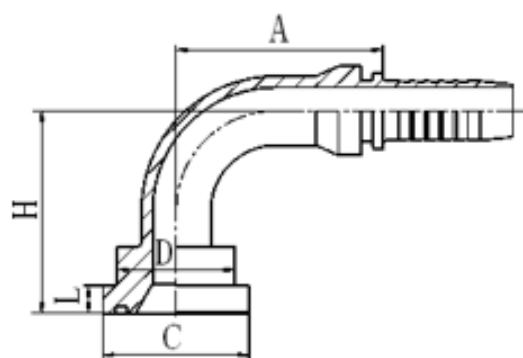
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	D	L
87312-08-08	1/2"	12	8	47	30.2	24	6.73
87312-08-12	1/2"	20	12	48.8	30.2	24	6.73
87312-12-08	3/4"	12	8	48	38.1	32	6.73
87312-12-10	3/4"	16	10	48.5	38.1	32	6.73
87312-12-12	3/4"	20	12	49.3	38.1	32	6.73
87312-12-16	3/4"	25	16	50	38.1	32	6.73
87312-16-12	1"	20	12	52.3	44.4	38	8
87312-16-16	1"	25	16	53	44.4	38	8
87312-16-20	1"	32	20	53.5	44.4	38	8
87312-20-12	1.1/4"	20	12	57.3	50.8	43	8
87312-20-16	1.1/4"	25	16	58	50.8	43	8
87312-20-20	1.1/4"	32	20	58.5	50.8	43	8
87312-20-24	1.1/4"	40	24	62	50.8	43	8
87312-24-20	1.1/2"	32	20	68.5	60.3	50	8
87312-24-24	1.1/2"	40	24	68	60.3	50	8
87312-32-24	2"	40	24	70	71.4	62	9.53
87312-32-32	2"	50	32	71	71.4	62	9.53
87312-40-32	2.1/2"	50	32	74	84.1	74	9.53


87342 45° SAE FLANGE 3000 PSI

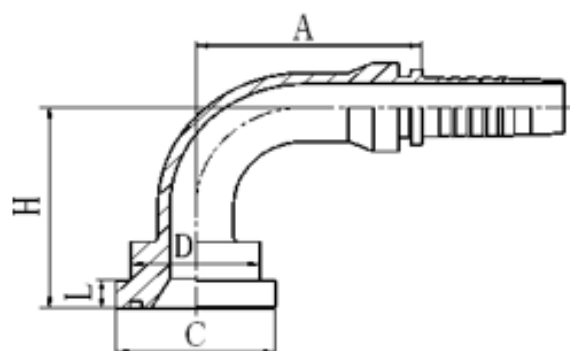
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87342-08-08	1/2"	12	8	59.2	30.2	24	23.3	6.73
87342-08-12	1/2"	20	12	77.6	30.2	24	28.2	6.73
87342-12-08	3/4"	12	8	59.9	38.1	32	24	6.73
87342-12-10	3/4"	16	10	70.6	38.1	32	26	6.73
87342-12-12	3/4"	20	12	78.3	38.1	32	28.9	6.73
87342-16-12	1"	20	12	78.3	44.4	38	28.9	8
87342-16-16	1"	25	16	86.2	44.4	38	29.7	8
87342-16-20	1"	32	20	96	44.4	38	33.8	8
87342-20-16	1.1/4"	25	16	85.2	50.8	43	29.7	8
87342-20-20	1.1/4"	32	20	96.8	50.8	43	33.8	8
87342-24-20	1.1/2"	32	20	97.9	60.3	50	35.2	8
87342-24-24	1.1/2"	40	24	109.9	60.3	50	39.1	8
87342-32-24	2"	40	24	109.9	71.4	62	39.1	9.53
87342-32-32	2"	50	32	130.3	71.4	62	46.3	9.53
87342-40-32	2.1/2"	50	32	133	84.1	74	47.7	9.53

**87341** 45° SAE FLANGE 3000 PSI

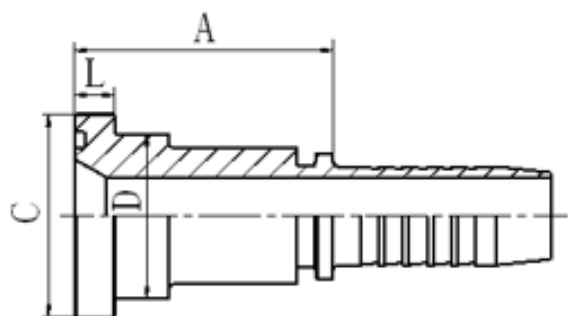
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87341-08-08	1/2"	12	8	58.2	30.2	24	23.3	6.73
87341-12-08	3/4"	12	8	58.9	38.1	31.7	24	6.73
87341-12-10	3/4"	16	10	70.1	38.1	31.7	25.3	6.73
87341-12-12	3/4"	20	12	77	38.1	31.7	28.9	6.73
87341-16-12	1"	20	12	77	44.4	38	28.9	8
87341-16-16	1"	25	16	85.2	44.4	38	29.7	8
87341-16-20	1"	32	20	94.5	44.4	38	33.8	8
87341-20-16	1.1/4"	25	16	85.2	50.8	43	29.7	8
87341-20-20	1.1/4"	32	20	94.5	50.8	43	33.8	8
87341-24-20	1.1/2"	32	20	95.9	60.3	50	35.2	8
87341-24-24	1.1/2"	40	24	109.9	60.3	50	39.1	8
87341-32-24	2"	40	24	109.9	71.4	62	39.1	9.53
87341-32-32	2"	50	32	129.3	71.4	62	46.3	9.53


87391 90° SAE FLANGE 3000 PSI

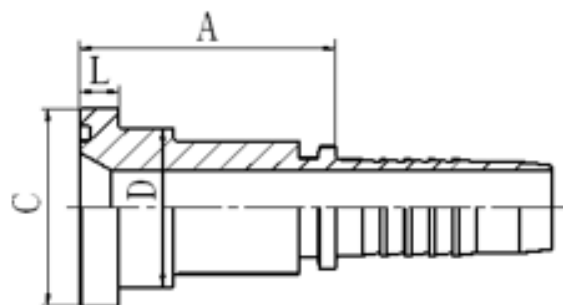
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87391-08-08	1/2"	12	8	41	30.2	24	47	6.73
87391-12-08	3/4"	12	8	41	38.1	31.7	48	6.73
87391-12-10	3/4"	16	10	56.5	38.1	31.7	52.5	6.73
87391-12-12	3/4"	20	12	66.2	38.1	31.7	62	6.73
87391-1-2 12(H100)	3/4"	20	12	65.5	38.1	31.7	100	6.73
87391-1-2 12(H127)	3/4"	20	12	65.5	38.1	31.7	127	6.73
87391-1-2 12(H150)	3/4"	20	12	65.5	38.1	31.7	150	6.73
87391-12-16	3/4"	25	16	76.7	38.1	31.7	67.5	6.73
87391-16-12	1"	20	12	66.2	44.4	38	62	8
87391-16-16	1"	25	16	78	44.4	38	67.5	8
87391-1-6 16(H100)	1"	25	16	76.7	44.4	38	100	8
87391-1-6 16(H127)	1"	25	16	76.7	44.4	38	127	8
87391-1-6 16(H150)	1"	25	16	76.7	44.4	38	150	8
87391-16-20	1"	32	20	91.5	44.4	38	78.5	8
87391-20-16	1.1/4"	25	16	78	50.8	43	67.5	8
87391-20-20	1.1/4"	32	20	91.5	50.8	43	78.5	8
87391-2-0 20(H100)	1.1/4"	32	20	91.5	50.8	43	100	8
87391-2-0 20(H127)	1.1/4"	32	20	91.5	50.8	43	127	8
87391-2-0 20(H150)	1.1/4"	32	20	91.5	50.8	43	150	8
87391-20-24	1.1/4"	40	24	108.5	50.8	43	78.5	8


87392 90° SAE FLANGE 3000 PSI

PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87392-08-08	1/2"	12	8	42	30.2	24	47	6.73
87392-12-08	3/4"	12	8	42	38.1	32	48	6.73
87392-12-10	3/4"	16	10	57	38.1	32	53.5	6.73
87392-12-12	3/4"	20	12	67.5	38.1	32	62	6.73
87392-12-16	3/4"	25	16	79	38.1	32	67.5	6.73
87392-16-12	1"	20	12	67.5	44.4	38	62	8
87392-16-16	1"	25	16	79	44.4	38	67.5	8
87392-16-20	1"	32	20	93.5	44.4	38	78.5	8
87392-16-24	1"	40	24	101.5	44.4	38	78.5	8
87392-20-12	1.1/4"	20	12	78.3	50.8	43	68.5	8
87392-20-16	1.1/4"	25	16	79	50.8	43	67.5	8
87392-20-20	1.1/4"	32	20	93.5	50.8	43	78.5	8
87392-24-20	1.1/2"	32	20	93.5	60.3	50	80.5	8
87392-24-24	1.1/2"	40	24	110.7	60.3	50	94	8
87392-32-24	2"	40	24	110.7	71.4	62	94	9.53
87392-32-32	2"	50	32	132.8	71.4	62	114.3	9.53
87392-40-32	2.1/2"	50	32	134.1	84.1	74	116.3	9.53

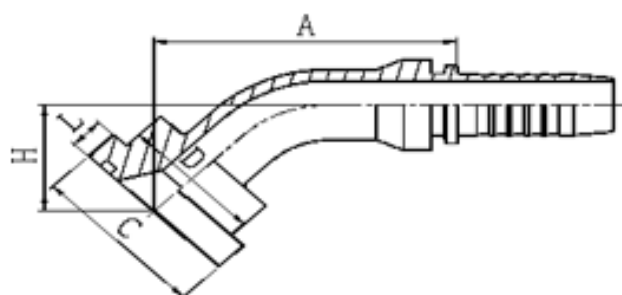

87611 SAE FLANGE 6000 PSI

PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	D	L
87611-08-08	1/2"	12	8	47	31.7	24	7.75
87611-12-10	3/4"	16	10	51	41.3	32	8.76
87611-12-12	3/4"	20	12	51	41.3	32	8.76
87611-16-12	1"	20	12	56	47.6	38	9.53
87611-16-16	1"	25	16	57	47.6	38	9.53
87611-16-20	1"	32	20	61	47.6	38	9.53
87611-20-16	1.1/4"	25	16	65	54	44	10.29
87611-20-20	1.1/4"	32	20	66	54	44	10.29
87611-24-20	1.1/2"	32	20	75	63.5	51	12.57
87611-24-24	1.1/2"	40	24	75	63.5	51	12.57
87611-32-24	2"	40	24	85	79.4	67	12.57
87611-32-32	2"	50	32	85	79.4	67	12.57

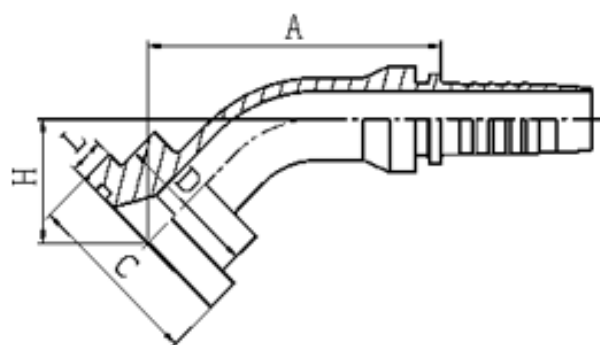
**87612**

SAE FLANGE 6000 PSI

PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS			
		DN	DASH	A	C	D	L
87612-08-08	1/2"	12	8	48	31.7	24	7.75
87612-12-10	3/4"	16	10	51.5	41.3	32	8.76
87612-12-12	3/4"	20	12	52.3	41.3	32	8.76
87612-12-16	3/4"	25	16	53	41.3	32	8.76
87612-16-12	1"	20	12	57.3	47.6	38	9.53
87612-16-16	1"	25	16	58	47.6	38	9.53
87612-16-20	1"	32	20	65	47.6	38	9.53
87612-20-16	1.1/4"	25	16	66	54	44	10.29
87612-20-20	1.1/4"	32	20	66.5	54	44	10.29
87612-20-24	1.1/4"	40	24	69	54	44	10.29
87612-24-16	1.1/2"	25	16	75	63.5	51	12.57
87612-24-20	1.1/2"	32	20	75.5	63.5	51	12.57
87612-24-24	1.1/2"	40	24	75	63.5	51	12.57
87612-24-32	1.1/2"	50	32	79.5	63.5	51	12.57
87612-32-20	2"	32	20	85.5	79.4	67	12.57
87612-32-24	2"	40	24	85	79.4	67	12.57
87612-32-32	2"	50	32	86	79.4	67	12.57

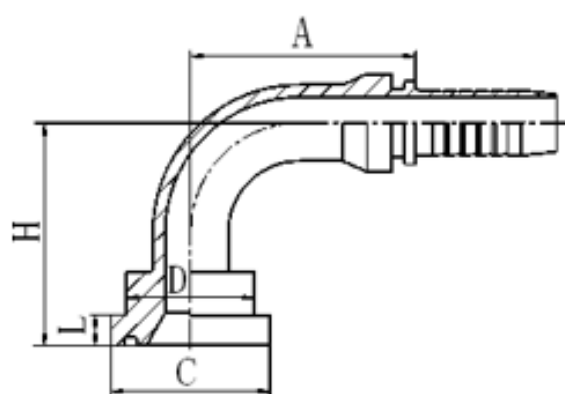

87641 45° SAE FLANGE 6000 PSI

PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87641-08-08	1/2"	12	8	58.9	31.7	24	24	7.75
87641-08-12	1/2"	20	12	74.9	31.7	24	27.5	7.75
87641-12-10	3/4"	16	10	72.5	41.3	32	28.2	8.76
87641-12-12	3/4"	20	12	79.2	41.3	32	31.8	8.76
87641-16-16	1"	25	16	90.2	47.6	38	34.7	9.53
87641-20-20	1.1/4"	32	20	103.8	54	44	41.5	10.29
87641-24-20	1.1/2"	32	20	105.8	63.5	51	45.1	12.57
87641-24-24	1.1/2"	40	24	116.2	63.5	51	45.5	12.57
87641-32-24	2"	40	24	125.4	79.4	67	54.7	12.57
87641-32-32	2"	50	32	135.7	79.4	67	52.7	12.57


87642

45° SAE FLANGE 6000 PSI

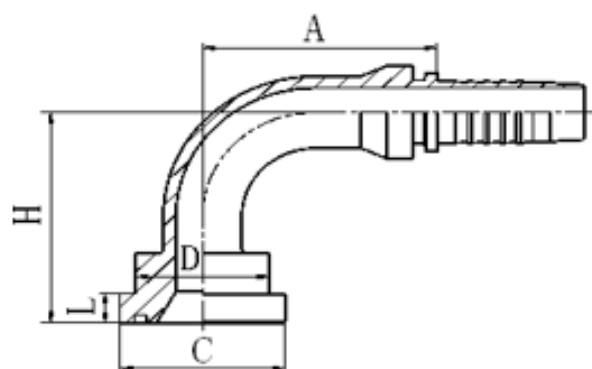
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87642-08-08	1/2"	12	8		31.7	24		7.75
87642-12-12	3/4"	20	12	81.2	41.3	32	31.8	8.76
87642-16-12	1"	20	12	83.2	47.6	38	33.9	9.53
87642-16-16	1"	25	16	91.2	47.6	38	34.7	9.53
87642-20-16	1.1/4"	25	16	94.3	54	44	37.5	10.29
87642-20-20	1.1/4"	32	20	104.3	54	44	41.5	10.29
87642-24-20	1.1/2"	32	20	107.8	63.5	51	45.1	12.57
87642-24-24	1.1/2"	40	24	119.8	63.5	51	49	12.57
87642-32-24	2"	40	24	125.4	79.4	67	54.7	12.57
87642-32-32	2"	50	32	145.8	79.4	67	61.9	12.57



87691

90° SAE FLANGE 6000 PSI

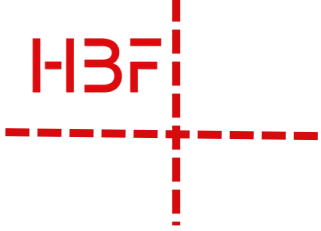
PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87691-08-08	1/2"	12	8	41	31.7	24	48	7.75
87691-12-10	3/4"	16	10	56.5	41.3	32	56.5	8.76
87691-12-12	3/4"	20	12	66.2	41.3	32	66	8.76
87691-16-12	1"	20	12	66.2	47.6	38	69	9.53
87691-16-16	1"	25	16	78	47.6	38	74.5	9.53
87691-16-20	1"	32	20	91.5	47.6	38	85.5	9.53
87691-20-16	1.1/4"	25	16	78	54	44	78.5	10.29
87691-20-20	1.1/4"	32	20	91.5	54	44	89.5	10.29
87691-24-20	1.1/2"	32	20	91.5	63.5	51	94.5	12.57
87691-24-24	1.1/2"	40	24	109.4	63.5	51	108	12.57
87691-32-24	2"	40	24	109.4	79.4	67	116	12.57
87691-32-32	2"	50	32	131.8	79.4	67	136.3	12.57



87692

90° SAE FLANGE 6000 PSI

PART NO.	FLANGE SIZE	HOSE BORE		DIMENSIONS				
		DN	DASH	A	C	D	H	L
87692-08-08	1/2"	12	8	42	31.7	24	49	7.75
87692-12-10	3/4"	16	10	57	41.3	32	56.5	8.76
87692-12-12	3/4"	20	12	67.5	41.3	32	66	8.76
87692-12-16	3/4"	25	16	79	41.3	32	71.5	8.76
87692-16-12	1"	20	12	67.5	47.6	38	69	9.53
87692-16-16	1"	25	16	79	47.6	38	74.5	9.53
87692-16-20	1"	32	20	93	47.6	38	85.5	9.53
87692-20-12	1.1/4"	20	12	67.5	54	44	73	10.29
87692-20-16	1.1/4"	25	16	78	54	44	78.5	10.29
87692-20-20	1.1/4"	32	20	93.5	54	44	89.5	10.29
87692-20-24	1.1/4"	40	24	101.5	54	44	89.5	10.29
87692-24-20	1.1/2"	32	20	93.5	63.5	51	94.5	12.57
87692-24-24	1.1/2"	40	24	109.4	63.5	51	108	12.57
87692-24-32	1.1/2"	50	32	124	63.5	51	108	12.57
87692-32-20	2"	32	20	93.5	79.4	67	102.5	12.57
87692-32-24	2"	40	24	109.4	79.4	67	116	12.57
87692-32-32	2"	50	32	133	79.4	67	136.3	12.57



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