



# HYDRAULIC FITTINGS



# SMART PART NUMBERING

SMART part number example with part description:

1 2 3 4 5 6 7 8  
S 2 64 1 1 L -06 -06

= Female, ORFS, Straight, Hydraulic, Long "Style B", 3/8" x 3/8"

1 – PREFIX	
<b>S</b>	Schieffer
2 – FITTING GENDER	
<b>I</b>	Male
<b>2</b>	Female
<b>3</b>	Nipple
<b>4</b>	Banjo Fitting
<b>5</b>	SAE Flange
3 – FITTING SERIES	
<b>22</b>	Metric Banjo
<b>26</b>	Metric DKOL
<b>27</b>	Metric DKOS
<b>33</b>	Pressure Washer Nipple
<b>38</b>	NPSM
<b>42</b>	BSP Banjo
<b>44</b>	BSP O-Ring Flat Seal
<b>48</b>	BSP 60° Cone
<b>52</b>	BSPT
<b>64</b>	ORFS
<b>78</b>	NPT
<b>82</b>	Standard ORB
<b>89</b>	JIC
<b>95</b>	Code 61 Flange
<b>98</b>	Code 62 Flange
4 – FITTING TYPE	
<b>I</b>	Straight
<b>2</b>	22.5°
<b>4</b>	45°
<b>9</b>	90°
5 – APPLICATION TYPE	
<b>I</b>	Hydraulic
<b>3</b>	Pressure Washer Only

6 – SPECIALTIES (OPTIONAL)	
<b>W</b>	Swivel
<b>S</b>	Short
<b>M</b>	Medium
<b>L</b>	Long
<b>D</b>	Double Hex
<b>BH</b>	Bulk Head
7 – THREAD SIZE	
<b>-2</b>	1/8"
<b>-3</b>	3/16"
<b>-4</b>	1/4"
<b>-5</b>	5/16
<b>-6</b>	3/8"
<b>-8</b>	1/2"
<b>-10</b>	5/8"
<b>-12</b>	3/4"
<b>-14</b>	7/8"
<b>-16</b>	1"
8 – HOSE SIZE	
<b>-2</b>	1/8"
<b>-3</b>	3/16"
<b>-4</b>	1/4"
<b>-5</b>	5/16
<b>-6</b>	3/8"
<b>-8</b>	1/2"
<b>-10</b>	5/8"
<b>-12</b>	3/4"
<b>-14</b>	7/8"
<b>-16</b>	1"
9 – PLATING/ MATERIAL	
<b>(BLANK)</b>	Standard
<b>ZN</b>	Zinc Nickel*
<b>SS</b>	Stainless Steel*

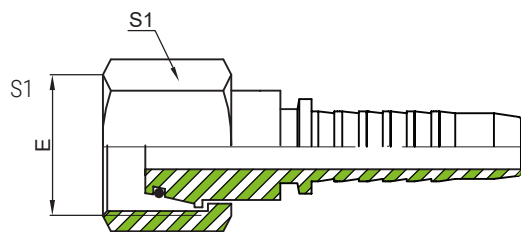
\* Consult with sales representative for availability.

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## METRIC FEMALE 24° CONE O-RING DKOL STRAIGHT

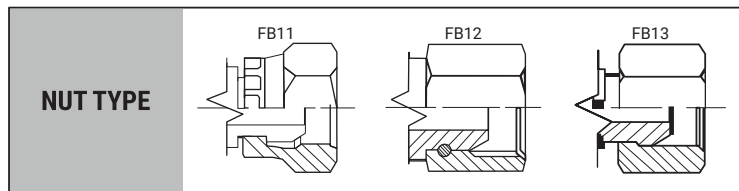
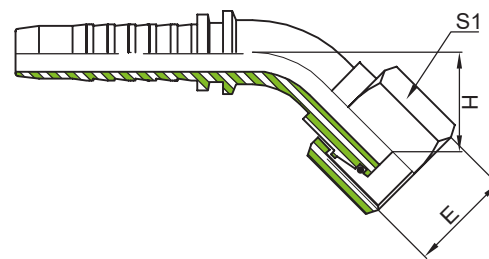
### DIN 20066/3865

22611 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S22611-10-02	M10 x 1.0	4	2	12	
S22611-12-02	M12 x 1.5	4	2	14	
S22611-12-04	M12 x 1.5	6	4	17	
S22611-14-04	M14 x 1.5	6	4	17	
S22611-16-04	M16 x 1.5	6	4	22	
S22611-18-04	M18 x 1.5	6	4	22	
S22611-14-05	M14 x 1.5	8	5	17	
S22611-16-05	M16 x 1.5	8	5	19	
S22611-18-05	M18 x 1.5	8	5	22	
S22611-22-05	M22 x 1.5	8	5	27	
S22611-14-06	M14 x 1.5	10	6	19	
S22611-16-06	M16 x 1.5	10	6	22	
S22611-18-06	M18 x 1.5	10	6	22	
S22611-22-06	M22 x 1.5	10	6	27	
S22611-18-08	M18 x 1.5	12	8	24	
S22611-22-08	M22 x 1.5	12	8	27	
S22611-22-10	M22 x 1.5	16	10	27	
S22611-26-10	M26 x 1.5	16	10	32	
S22611-30-10	M30 x 2	16	10	36	
S22611-26-12	M26 x 1.5	19	12	32	
S22611-30-12	M30 x 2	19	12	36	
S22611-36-12	M36 x 2	19	12	41	
S22611-30-16	M30 x 2	25	16	36	
S22611-36-16	M36 x 2	25	16	41	
S22611-45-16	M45 x 2	25	16	50	
S22611-36-20	M36 x 2	32	20	41	
S22611-45-20	M45 x 2	32	20	50	
S22611-52-20	M52 x 2	32	20	60	
S22611-52-24	M52 x 2	38	24	60	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

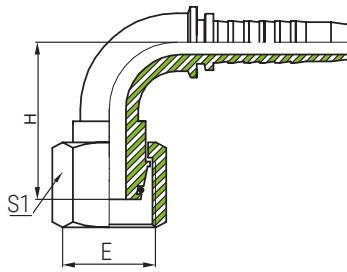
# **METRIC FEMALE 24° CONE O-RING DKOL 45° ELBOW DIN 20066/3865**



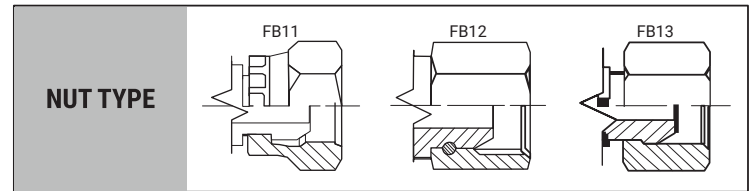
22641 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S22641-14-04	M14 x 1.5	6	4	19	16
S22641-16-05	M16 x 1.5	8	5	19	17
S22641-18-05	M18 x 1.5	8	5	22	18.5
S22641-22-05	M22 x 1.5	8	5	27	19.5
S22641-16-06	M16 x 1.5	10	6	19	17
S22641-18-06	M18 x 1.5	10	6	22	18.5
S22641-22-06	M22 x 1.5	10	6	27	19.5
S22641-22-08	M22 x 1.5	12	8	27	19.5
S22641-26-08	M26 x 1.5	12	8	32	23.5
S22641-26-10	M26 x 1.5	16	10	32	23.5
S22641-30-10	M30 x 2	16	10	36	25.5
S22641-26-12	M26 x 1.5	19	12	32	23.5
S22641-30-12	M30 x 2	19	12	36	25.5
S22641-36-12	M36 x 2	19	12	41	32
S22641-36-16	M36 x 2	25	16	41	32
S22641-45-20	M45 x 2	32	20	50	38
S22641-52-20	M52 x 2	32	20	60	44.5
S22641-52-24	M52 x 2	38	24	60	44.5

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## METRIC FEMALE 24° CONE O-RING DKOL 90° ELBOW DIN 20066/3865

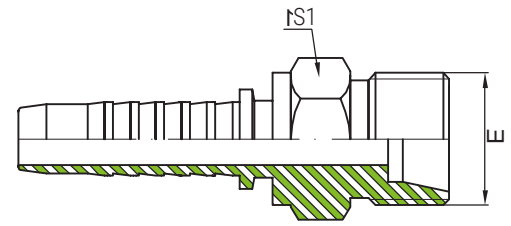


22691 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S22691-12-04	M12 x 1.5	6	4	14	30
S22691-14-04	M14 x 1.5	6	4	17	30.5
S22691-16-04	M16 x 1.5	6	4	22	33
S22691-14-05	M14 x 1.5	8	5	17	30.5
S22691-16-05	M16 x 1.5	8	5	19	33
S22691-18-05	M18 x 1.5	8	5	22	36
S22691-16-06	M16 x 1.5	10	6	19	36
S22691-18-06	M18 x 1.5	10	6	22	36
S22691-22-06	M22 x 1.5	10	6	27	40.5
S22691-22-08	M22 x 1.5	12	8	27	40.5
S22691-26-08	M26 x 1.5	12	8	32	51.5
S22691-26-10	M26 x 1.5	16	10	32	51.5
S22691-30-10	M30 x 2	16	10	36	56
S22691-26-12	M26 x 1.5	19	12	32	51.5
S22691-30-12	M30 x 2	19	12	36	56
S22691-36-12	M36 x 2	19	12	41	68.5
S22691-30-16	M30 x 2	25	16	36	56
S22691-36-16	M36 x 2	25	16	41	68.5
S22691-45-16	M45 x 2	25	16	50	78.5
S22691-36-20	M36 x 2	32	20	41	68.5
S22691-45-20	M45 x 2	32	20	50	78.5
S22691-52-20	M52 x 2	32	20	60	95
S22691-52-24	M52 x 2	38	24	60	95

\*Dimensions provided are nominal for reference only and may vary based on current supply.

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# **METRIC MALE 24° CONE SEAT DKOL STRAIGHT** **DIN 20066/3861**



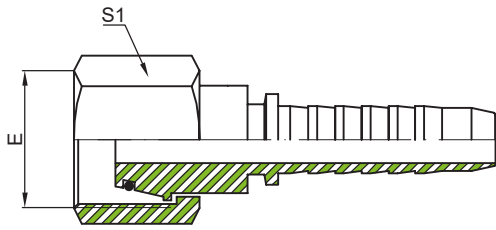
<b>I26II SERIES</b>	<b>THREAD</b>	<b>HOSE BORE</b>		<b>DIMENSIONS (MM)</b>	
<b>PROPULSE FITTING PART NO.</b>	<b>E</b>	<b>DN</b>	<b>DASH</b>	<b>S1</b>	
<b>S12611-12-04</b>	M12 x 1.5	6	4	14	
<b>S12611-14-04</b>	M14 x 1.5	6	4	17	
<b>S12611-16-04</b>	M16 x 1.5	6	4	17	
<b>S12611-14-05</b>	M14 x 1.5	8	5	17	
<b>S12611-16-05</b>	M16 x 1.5	8	5	17	
<b>S12611-18-05</b>	M18 x 1.5	8	5	19	
<b>S12611-16-06</b>	M16 x 1.5	10	6	17	
<b>S12611-18-06</b>	M18 x 1.5	10	6	19	
<b>S12611-22-06</b>	M22 x 1.5	10	6	24	
<b>S12611-22-08</b>	M22 x 1.5	12	8	24	
<b>S12611-26-08</b>	M26 x 1.5	12	8	27	
<b>S12611-22-10</b>	M22 x 1.5	16	10	22	
<b>S12611-26-10</b>	M26 x 1.5	16	10	27	
<b>S12611-30-10</b>	M30 x 2	16	10	32	
<b>S12611-30-12</b>	M30 x 2	19	12	32	
<b>S12611-36-16</b>	M36 x 2	25	16	41	
<b>S12611-45-20</b>	M45 x 2	32	20	46	
<b>S12611-52-24</b>	M52 x 2	38	24	55	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

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# METRIC FEMALE 24° CONE O-RING DKOS STRAIGHT

## DIN 20066/3865

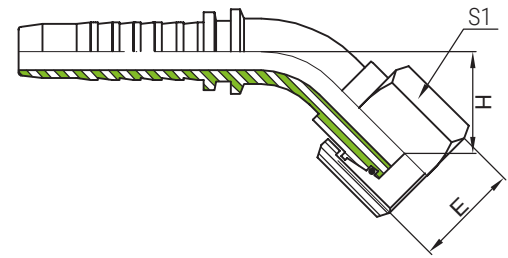
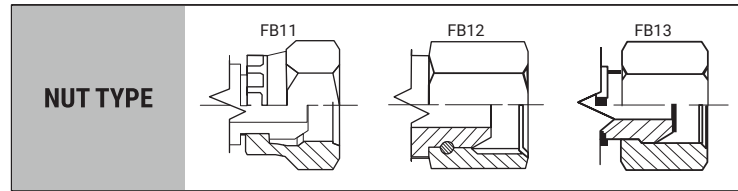


22711 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S22711-14-04	M14 x 1.5	6	4	19	
S22711-16-04	M16 x 1.5	6	4	19	
S22711-18-04	M18 x 1.5	6	4	22	
S22711-16-05	M16 x 1.5	8	5	19	
S22711-20-05	M20 x 1.5	8	5	24	
S22711-18-06	M18 x 1.5	10	6	22	
S22711-20-06	M20 x 1.5	10	6	24	
S22711-22-06	M22 x 1.5	10	6	27	
S22711-24-06	M24 x 1.5	10	6	30	
S22711-20-08	M20 x 1.5	12	8	24	
S22711-22-08	M22 x 1.5	12	8	27	
S22711-24-08	M24 x 1.5	12	8	30	
S22711-30-10	M30 x 2	16	10	36	
S22711-30-12	M30 x 2	19	12	36	
S22711-36-12	M36 x 2	19	12	46	
S22711-42-12	M42 x 2	19	12	50	
S22711-36-16	M36 x 2	25	16	46	
S22711-42-16	M42 x 2	25	16	50	
S22711-52-20	M52 x 2	32	20	60	
S22711-52-24	M52 x 2	38	24	60	

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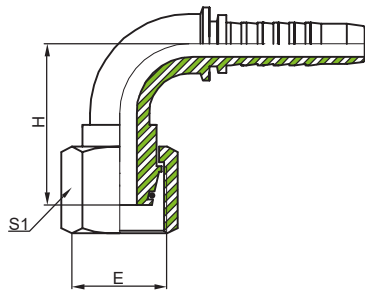
# **METRIC FEMALE 24° CONE O-RING DKOS 45° ELBOW DIN 20066/3865**



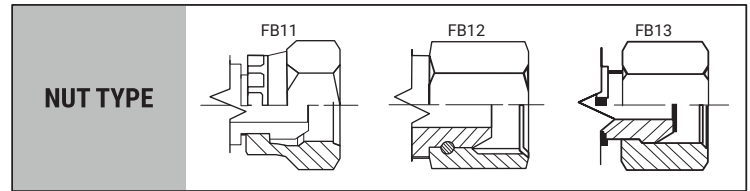
22741 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S22741-14-04	M14 x 1.5	6	4	19	17
S22741-16-04	M16 x 1.5	6	4	19	17
S22741-18-04	M18 x 1.5	6	4	22	17
S22741-16-05	M16 x 1.5	8	5	19	17
S22741-18-06	M18 x 1.5	10	6	22	17
S22741-20-06	M20 x 1.5	10	6	24	18
S22741-22-06	M22 x 1.5	10	6	27	21
S22741-20-08	M20 x 1.5	12	8	24	18.5
S22741-22-08	M22 x 1.5	12	8	27	21
S22741-24-08	M24 x 1.5	12	8	30	21
S22741-24-10	M24 x 1.5	16	10	30	21
S22741-30-10	M30 x 2	16	10	36	25
S22741-30-12	M30 x 2	19	12	36	25
S22741-36-12	M36 x 2	19	12	46	30.5
S22741-42-16	M42 x 2	25	16	50	35.5
S22741-52-20	M52 x 2	32	20	60	42
S22741-52-25	M52 x 2	38	24	60	42

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## METRIC FEMALE 24° CONE O-RING DKOS 90° ELBOW DIN 20066/3865

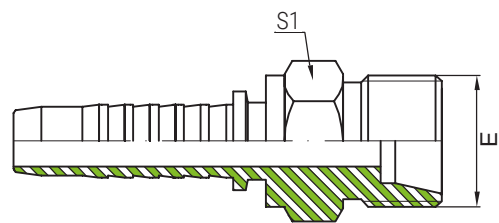


22791 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S22791-14-04	M14 x 1.5	6	4	19	32
S22791-16-04	M16 x 1.5	6	4	19	32
S22791-18-04	M18 x 1.5	6	4	22	32
S22791-16-05	M16 x 1.5	8	5	19	32
S22791-18-05	M18 x 1.5	8	5	22	32
S22791-20-05	M20 x 1.5	8	5	24	34
S22791-18-06	M18 x 1.5	10	6	22	32
S22791-20-06	M20 x 1.5	10	6	24	35.5
S22791-22-06	M22 x 1.5	10	6	27	35.5
S22791-20-08	M20 x 1.5	12	8	24	35.5
S22791-22-08	M22 x 1.5	12	8	27	35.5
S22791-24-08	M24 x 1.5	12	8	30	43
S22791-30-08	M30 x 2	12	8	36	49.5
S22791-24-10	M24 x 1.5	16	10	30	43
S22791-30-10	M30 x 2	16	10	36	49.5
S22791-30-12	M30 x 2	19	12	36	49.5
S22791-36-12	M36 x 2	19	12	46	59
S22791-42-16	M42 x 2	25	16	50	70
S22791-52-20	M52 x 2	32	20	60	87
S22791-52-24	M52 x 2	38	24	60	87

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# **METRIC MALE 24° CONE SEAT DKOS STRAIGHT** **DIN 20066/3861**



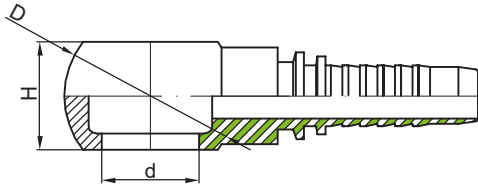
<b>I27II SERIES</b>	<b>THREAD</b>	<b>HOSE BORE</b>		<b>DIMENSIONS (MM)</b>	
<b>PROPULSE FITTING PART NO.</b>	<b>E</b>	<b>DN</b>	<b>DASH</b>	<b>S1</b>	
<b>S12711-14-04</b>	M14 x 1.5	6	4	17	
<b>S12711-16-04</b>	M16 x 1.5	6	4	17	
<b>S12711-18-04</b>	M18 x 1.5	6	4	19	
<b>S12711-20-05</b>	M20 x 1.5	8	5	22	
<b>S12711-22-05</b>	M22 x 1.5	8	5	24	
<b>S12711-20-06</b>	M20 x 1.5	10	6	22	
<b>S12711-22-06</b>	M22 x 1.5	10	6	24	
<b>S12711-22-08</b>	M22 x 1.5	12	8	24	
<b>S12711-24-08</b>	M24 x 1.5	12	8	27	
<b>S12711-30-10</b>	M30 x 2	16	10	32	
<b>S12711-36-12</b>	M36 x 2	19	12	41	
<b>S12711-36-16</b>	M36 x 2	25	16	41	
<b>S12711-42-16</b>	M42 x 2	25	16	46	
<b>S12711-42-20</b>	M42 x 2	32	20	46	
<b>S12711-52-20</b>	M52 x 2	32	20	55	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# METRIC BANJO

## DIN 7642



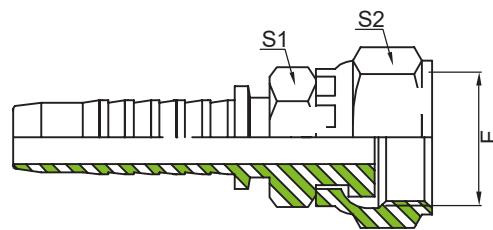
72211 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)		
PROPULSE FITTING PART NO.	E	DN	DASH	D	D	H
S72211-10-03	M10 x 1	5	3	10.1	17	10
S72211-10-04	M10 x 1	6	4	10.1	17	10
S72211-12-04	M12 x 1.5	6	4	12.1	20	12
S72211-14-04	M14 x 1.5	6	4	14.1	24	14
S72211-16-04	M16 x 1.5	6	4	16.1	28	16
S72211-18-04	M18 x 1.5	6	4	18.1	32	20
S72211-12-05	M12 x 1.5	8	5	12.1	20	12
S72211-14-05	M14 x 1.5	8	5	14.1	24	14
S72211-16-05	M16 x 1.5	8	5	16.1	28	16
S72211-18-05	M18 x 1.5	8	5	18.1	32	20
S72211-12-06	M12 x 1.5	10	6	12.1	20	12
S72211-14-06	M14 x 1.5	10	6	14.1	24	14
S72211-16-06	M16 x 1.5	10	6	16.1	28	16
S72211-18-06	M18 x 1.5	10	6	18.1	32	20
S72211-22-06	M22 x 1.5	10	6	22.1	39	25
S72211-18-08	M18 x 1.5	12	8	18.1	32	20
S72211-22-08	M22 x 1.5	12	8	22.1	39	25
S72211-22-10	M22 x 1.5	16	10	22.1	39	25
S72211-26-12	M26 x 1.5	19	12	26.1	46	30
S72211-30-16	M30 x 1.5	25	16	30.1	54	36
S72211-30-20	M30 x 1.5	32	20	30.1	54	36

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## ORFS FEMALE SHORT STRAIGHT

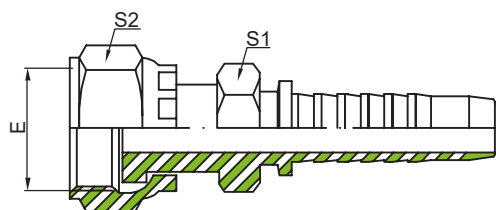
### SAE J1453/J516



264IIS SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	S2
S26411S-04-04	9/16" x 18	6	4	13	17
S26411S-06-04	11/16" x 16	6	4	17	22
S26411S-04-05	9/16" x 18	8	5	17	19
S26411S-06-05	11/16" x 16	8	5	17	22
S26411S-08-05	13/16" x 16	8	5	19	24
S26411S-04-06	9/16" x 18	10	6	13	17
S26411S-06-06	11/16" x 16	10	6	17	22
S26411S-08-06	13/16" x 16	10	6	22	24
S26411S-06-08	11/16" x 16	12	8	17	22
S26411S-08-08	13/16" x 16	12	8	22	24
S26411S-10-08	1" x 14	12	8	24	30
S26411S-12-08	1.3/16" x 12	12	8	28	36
S26411S-08-10	13/16" x 16	16	10	22	24
S26411S-10-10	1" x 14	16	10	24	30
S26411S-12-10	1.3/16" x 12	16	10	28	36
S26411S-10-12	1" x 14	19	12	24	30
S26411S-12-12	1.3/16" x 12	19	12	28	36
S26411S-16-12	1.7/16" x 12	19	12	36	41
S26411S-12-16	1.3/16" x 12	25	16	28	36
S26411S-16-16	1.7/16" x 12	25	16	36	41
S26411S-20-16	1.11/16" x 12	25	16	41	50
S26411S-16-20	1.7/16" x 12	32	20	36	41
S26411S-20-20	1.11/16" x 12	32	20	41	50
S26411S-24-20	2" x 12	32	20	50	60
S26411S-20-24	1.11/16" x 12	38	24	41	50
S26411S-24-24	2" x 12	38	24	50	60

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## ORFS FEMALE LONG STRAIGHT SAE J1453/J516

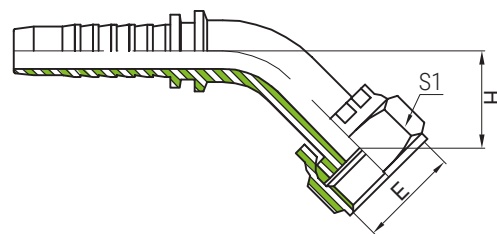
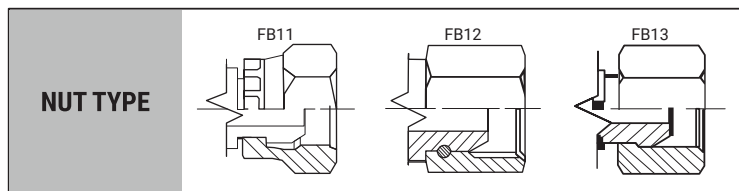
26411L SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	S2
S26411L-04-04	9/16" x 18	6	4	13	19
S26411L-06-04	11/16" x 16	6	4	17	22
S26411L-04-05	9/16" x 18	8	5	13	17
S26411L-06-05	11/16" x 16	8	5	17	22
S26411L-06-06	11/16" x 16	10	6	17	22
S26411L-08-06	13/16" x 16	10	6	19	27
S26411L-06-08	11/16" x 16	12	8	19	22
S26411L-08-08	13/16" x 16	12	8	22	24
S26411L-10-08	1" x 14	12	8	24	30
S26411L-12-08	1.3/16" x 12	12	8	28	36
S26411L-10-10	1" x 14	16	10	24	30
S26411L-12-10	1.3/16" x 12	16	10	28	36
S26411L-10-12	1" x 14	19	12	28	30
S26411L-12-12	1.3/16" x 12	19	12	28	36
S26411L-16-12	1.7/16" x 12	19	12	36	41
S26411L-12-16	1.3/16" x 12	25	16	28	36
S26411L-16-16	1.7/16" x 12	25	16	36	41
S26411L-20-16	1.11/16" x 12	25	16	41	50
S26411L-20-20	1.11/16" x 12	32	20	41	50
S26411L-24-24	2" x 12	38	24	50	60
S26411S-20-16	1.11/16" x 12	25	16	41	50
S26411S-16-20	1.7/16" x 12	32	20	36	41
S26411S-20-20	1.11/16" x 12	32	20	41	50
S26411S-24-20	2" x 12	32	20	50	60
S26411S-20-24	1.11/16" x 12	38	24	41	50
S26411S-24-24	2" x 12	38	24	50	60

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## ORFS FEMALE 45° ELBOW

### SAE J1453/J516

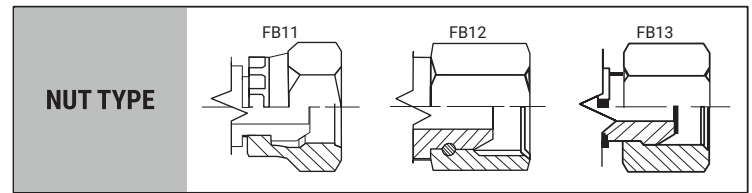
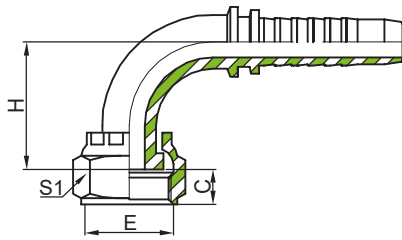


2644I SERIES	THREAD	HOSE BORE	DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	S1	H
S26441-04-04	9/16" x 18	6	19	10
S26441-06-04	11/16" x 16	6	22	11
S26441-04-05	9/16" x 18	8	19	10
S26441-06-05	11/16" x 16	8	22	11
S26441-04-06	9/16" x 18	10	19	10
S26441-06-06	11/16" x 16	10	22	11
S26441-08-06	13/16" x 16	10	24	15
S26441-06-08	11/16" x 16	12	22	11
S26441-08-08	13/16" x 16	12	24	15
S26441-10-08	1" x 14	12	30	16
S26441-12-08	1.3/16" x 12	12	36	21
S26441-08-10	13/16" x 16	16	24	15
S26441-10-10	1" x 14	16	30	16
S26441-12-10	1.3/16" x 12	16	36	21
S26441-10-12	1" x 14	19	30	16
S26441-12-12	1.3/16" x 12	19	36	21
S26441-16-12	1.7/16" x 12	19	41	24
S26441-12-16	1.3/16" x 12	25	36	21
S26441-16-16	1.7/16" x 12	25	41	24
S26441-20-16	1.11/16" x 12	25	50	25
S26441-16-20	1.7/16" x 12	32	41	24
S26441-20-20	1.11/16" x 12	32	50	25
S26441-24-20	2" x 12	32	60	27
S26441-20-24	1.11/16" x 12	38	50	25
S26441-24-24	2" x 12	38	60	27

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# ORFS FEMALE 90° ELBOW SAE J1453/J516

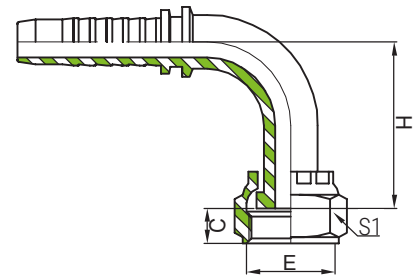
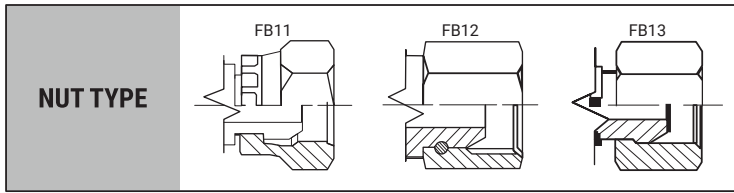


2649I SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S26491-04-04	9/16" x 18	6	4	19	21
S26491-06-04	11/16" x 16	6	4	22	23
S26491-04-05	9/16" x 18	8	5	19	21
S26491-06-05	11/16" x 16	8	5	22	23
S26491-04-06	9/16" x 18	10	6	19	21
S26491-06-06	11/16" x 16	10	6	22	23
S26491-08-06	13/16" x 16	10	6	24	29
S26491-06-08	11/16" x 16	12	8	22	23
S26491-08-08	13/16" x 16	12	8	24	29
S26491-10-08	1" x 14	12	8	30	32
S26491-08-10	13/16" x 16	16	10	24	29
S26491-10-10	1" x 14	16	10	30	32
S26491-12-10	1.3/16" x 12	16	10	36	48
S26491-10-12	1" x 14	19	12	30	32
S26491-12-12	1.3/16" x 12	19	12	36	48
S26491-16-12	1.7/16" x 12	19	12	41	56
S26491-12-16	1.3/16" x 12	25	16	36	48
S26491-16-16	1.7/16" x 12	25	16	41	56
S26491-20-16	1.11/16" x 12	25	16	50	64
S26491-16-20	1.7/16" x 12	32	20	41	56
S26491-20-20	1.11/16" x 12	32	20	50	64
S26491-24-20	2" x 12	32	20	60	69
S26491-20-24	1.11/16" x 12	38	24	50	64
S26491-24-24	2" x 12	38	24	60	69

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# ORFS FEMALE 90° ELBOW MEDIUM DROP SAE J1453/J516

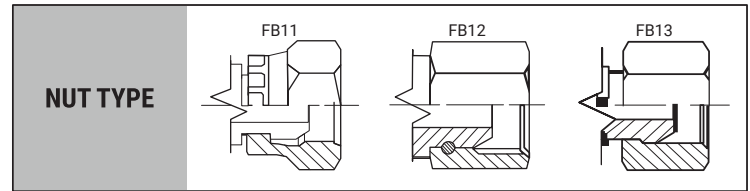
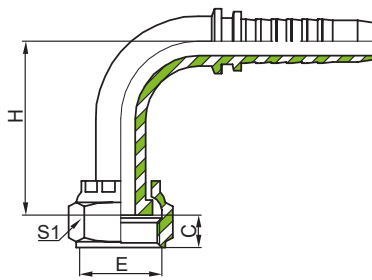


26491M SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
<b>S26491M-04-04</b>	9/16" x 18	6	4	19	32
<b>S26491M-06-04</b>	11/16" x 16	6	4	22	38
<b>S26491M-06-06</b>	11/16" x 16	10	6	22	38
<b>S26491M-08-06</b>	13/16" x 16	10	6	24	41
<b>S26491M-08-08</b>	13/16" x 16	12	8	24	41
<b>S26491M-10-08</b>	1" x 14	12	8	30	47
<b>S26491M-10-10</b>	1" x 14	16	10	30	47
<b>S26491M-10-12</b>	1" x 14	19	12	30	47
<b>S26491M-12-12</b>	1.3/16" x 12	19	12	36	58
<b>S26491M-16-16</b>	1.7/16" x 12	25	16	41	71
<b>S26491M-20-20</b>	1.11/16" x 12	32	20	50	78
<b>S26491M-24-24</b>	2" x 12	38	24	60	86

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# ORFS FEMALE 90° ELBOW LONG DROP SAE J1453/J516



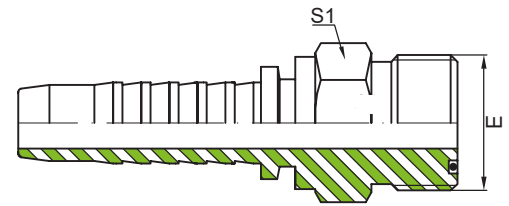
26491L SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S26491L-04-04	9/16" x 18	6	4	17	46
S26491L-06-06	11/16" x 16	10	6	22	54
S26491L-08-06	13/16" x 16	10	6	24	64
S26491L-08-08	13/16" x 16	12	8	24	64
S26491L-10-08	1" x 14	12	8	30	70
S26491L-10-10	1" x 14	16	10	30	70
S26491L-10-12	1" x 14	19	12	30	70
S26491L-12-12	1.3/16" x 12	19	12	36	96
S26491L-16-16	1.7/16" x 12	25	16	41	114
S26491L-20-20	1.11/16" x 12	31	20	50	129
S26491L-24-24	2" x 12	38	24	60	141

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## ORFS MALE STRAIGHT

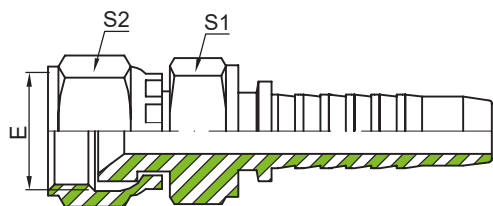
### SAE J1453/J516



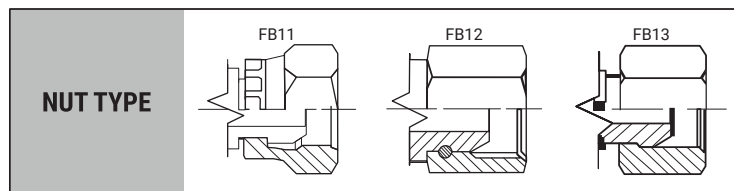
16411 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S16411-04-04	9/16" x 18	6	4	17	
S16411-06-04	11/16" x 16	6	4	19	
S16411-06-06	11/16" x 16	10	6	19	
S16411-08-06	13/16" x 16	10	6	22	
S16411-08-08	13/16" x 16	12	8	22	
S16411-10-08	1" x 14	12	8	27	
S16411-12-08	1.3/16" x 12	12	8	32	
S16411-08-10	13/16" x 16	16	10	22	
S16411-10-10	1" x 14	16	10	27	
S16411-12-10	1.3/16" x 12	16	10	32	
S16411-12-12	1.3/16" x 12	19	12	32	
S16411-16-12	1.7/16" x 12	19	12	41	
S16411-16-16	1.7/16" x 12	25	16	41	
S16411-20-20	1.11/16" x 12	32	20	46	
S16411-24-24	2" x 12	38	24	55	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## JIC FEMALE 37° CONE DOUBLE HEX STRAIGHT SAE J514/J516

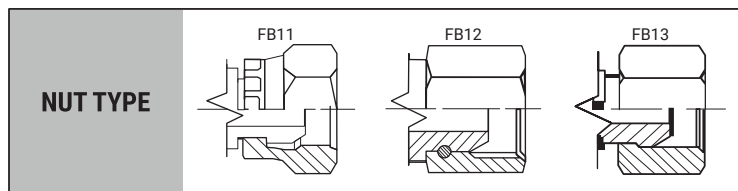
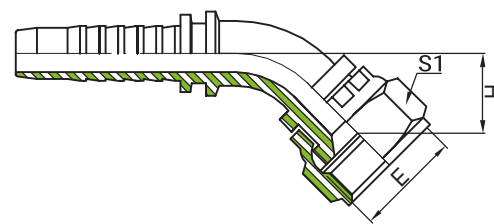


28911D SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	S2
S28911D-03-04	7/16" x 20	6	4	16	14
S28911D-04-03	7/16" x 20	5	3	14	14
S28911D-04-04	7/16" x 20	6	4	14	14
S28911D-05-04	1/2" x 20	6	4	17	17
S28911D-06-04	9/16" x 18	6	4	19	19
S28911D-05-05	1/2" x 20	8	5	17	17
S28911D-06-05	9/16" x 18	8	5	17	19
S28911D-08-05	3/4" x 16	8	5	19	24
S28911D-04-06	7/16" x 20	10	6	17	17
S28911D-05-06	1/2" x 20	10	6	17	17
S28911D-06-06	9/16" x 18	10	6	19	19
S28911D-08-06	3/4" x 16	10	6	19	24
S28911D-10-06	7/8" x 14	10	6	22	27
S28911D-06-08	9/16" x 18	12	8	19	19
S28911D-08-08	3/4" x 16	12	8	22	24
S28911D-10-08	7/8" x 14	12	8	22	27
S28911D-12-08	1.1/16" x 12	12	8	27	32
S28911D-08-10	3/4" x 16	16	10	24	24
S28911D-10-10	7/8" x 14	16	10	24	27
S28911D-12-10	1.1/16" x 12	16	10	27	32
S28911D-08-12	3/4" x 16	19	12	24	24
S28911D-10-12	7/8" x 14	19	12	27	27
S28911D-12-12	1.1/16" x 12	19	12	27	32
S28911D-16-12	1.5/16" x 12	19	12	32	41
S28911D-12-16	1.1/16" x 12	25	16	32	32
S28911D-16-16	1.5/16" x 12	25	16	41	41
S28911D-20-16	1.5/8" x 12	25	16	41	50
S28911D-20-20	1.5/8" x 12	32	20	50	50
S28911D-24-24	1.7/8" x 12	38	24	60	60
S28911D-32-32	2.1/2" x 12	50	32	75	75

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

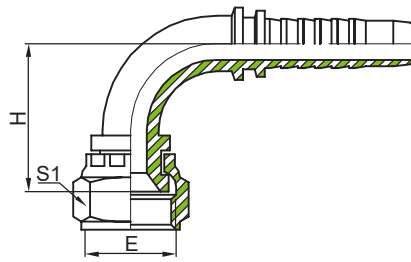
# JIC FEMALE 37° CONE 45° ELBOW SAE J514/J516



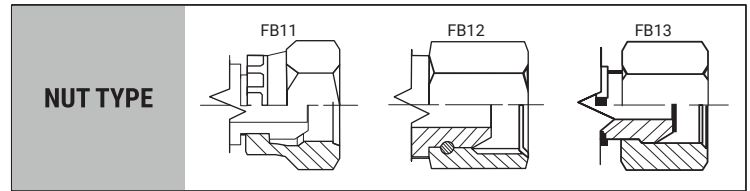
2894I SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S28941-04-03	7/16" x 20	5	3	17	10
S28941-04-04	7/16" x 20	6	4	17	10
S28941-05-04	1/2" x 20	6	4	17	10
S28941-06-04	9/16" x 18	6	4	19	11
S28941-05-05	1/2" x 20	8	5	17	10
S28941-06-05	9/16" x 18	8	5	19	11
S28941-05-06	1/2" x 20	10	6	17	10
S28941-06-06	9/16" x 18	10	6	19	11
S28941-08-06	3/4" x 16	10	6	24	15
S28941-06-08	9/16" x 18	12	8	19	11
S28941-08-08	3/4" x 16	12	8	24	15
S28941-10-08	7/8" x 14	12	8	27	16
S28941-12-08	1.1/16" x 12	12	8	32	21
S28941-10-10	7/8" x 14	16	10	27	16
S28941-12-10	1.1/16" x 12	16	10	32	21
S28941-10-12	7/8" x 14	19	12	27	16
S28941-12-12	1.1/16" x 12	19	12	32	21
S28941-14-12	1.3/16" x 12	19	12	36	21
S28941-16-12	1.5/16" x 12	19	12	41	24
S28941-12-16	1.1/16" x 12	25	16	32	21
S28941-16-16	1.5/16" x 12	25	16	41	24
S28941-16-20	1.5/16" x 12	32	20	41	24
S28941-20-20	1.5/8" x 12	32	20	50	25
S28941-24-20	1.7/8" x 12	32	20	60	27
S28941-24-24	1.7/8" x 12	38	24	60	27
S28941-32-32	2.1/2" x 12	50	32	75	34

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## JIC FEMALE 37° CONE 90° ELBOW SAE J514/J516

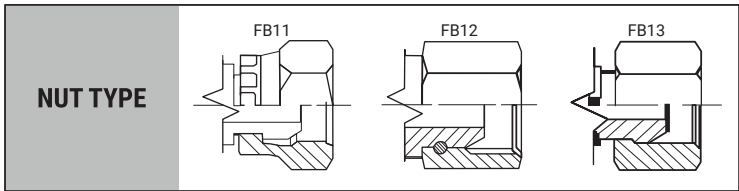
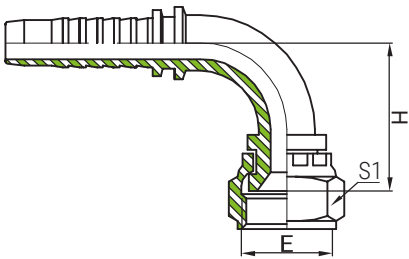


28991 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S28991-04-04	7/16" x 20	6	4	17	21
S28991-05-04	1/2" x 20	6	4	17	21
S28991-06-04	9/16" x 18	6	4	19	23
S28991-05-05	1/2" x 20	8	5	17	21
S28991-06-05	9/16" x 18	8	5	19	23
S28991-05-06	1/2" x 20	10	6	17	21
S28991-06-06	9/16" x 18	10	6	19	23
S28991-08-06	3/4" x 16	10	6	24	29
S28991-06-08	9/16" x 18	12	8	19	23
S28991-08-08	3/4" x 16	12	8	24	29
S28991-10-08	7/8" x 14	12	8	27	32
S28991-12-08	1.1/16" x 12	12	8	32	48
S28991-08-10	3/4" x 16	16	10	24	29
S28991-10-10	7/8" x 14	16	10	27	32
S28991-12-10	1.1/16" x 12	16	10	32	48
S28991-10-12	7/8" x 14	19	12	27	32
S28991-12-12	1.1/16" x 12	19	12	32	48
S28991-14-12	1.3/16" x 12	19	12	36	51
S28991-16-12	1.5/16" x 12	19	12	41	56
S28991-12-16	1.1/16" x 12	25	16	32	48
S28991-16-16	1.5/16" x 12	25	16	41	56
S28991-20-16	1.5/8" x 12	25	16	50	60
S28991-16-20	1.5/16" x 12	32	20	41	56
S28991-20-20	1.5/8" x 12	32	20	50	64
S28991-24-20	1.7/8" x 12	32	20	60	69
S28991-24-24	1.7/8" x 12	38	24	60	69
S28991-32-32	2.1/2" x 12	50	32	75	88

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

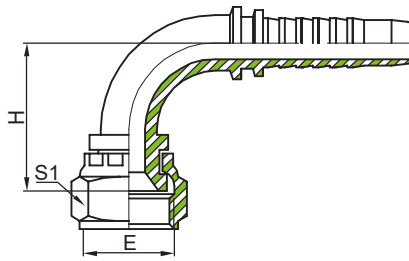
JIC FEMALE 37° CONE 90° ELBOW MEDIUM DROP  
SAE J514/J516



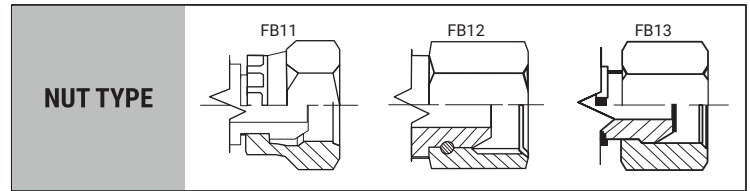
28991M SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S28991M-04-04	7/16" x 20	6	4	17	32
S28991M-06-06	9/16" x 18	10	6	19	38
S28991M-08-06	3/4" x 16	10	6	24	41
S28991M-08-08	3/4" x 16	12	8	24	41
S28991M-12-10	1.1/16" x 12	16	10	32	58
S28991M-12-12	1.1/16" x 12	19	12	32	58

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## JIC FEMALE 37° CONE 90° ELBOW LONG DROP SAE J514/J516

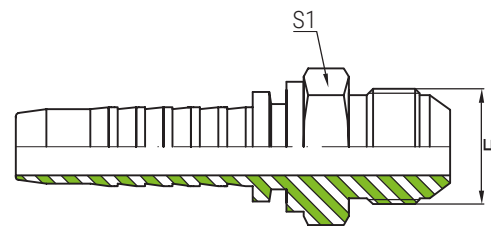


28991L SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S28991L-04-04	7/16" x 20	6	4	17	46
S28991L-05-04	1/2" x 20	6	4	17	46
S28991L-06-06	9/16" x 18	10	6	19	54
S28991L-08-06	3/4" x 16	10	6	24	64
S28991L-08-08	3/4" x 16	12	8	24	64
S28991L-10-10	7/8" x 14	16	10	27	70
S28991L-12-12	1.1/16" x 12	19	12	32	93
S28991L-14-12	1.3/16" x 12	19	12	36	100
S28991L-16-16	1.5/16" x 12	25	16	41	114
S28991L-20-20	1.5/8" x 12	32	20	50	129
S28991L-24-24	1.7/8" x 12	38	24	60	141
S28991L-32-32	2.1/2" x 12	50	32	75	222

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

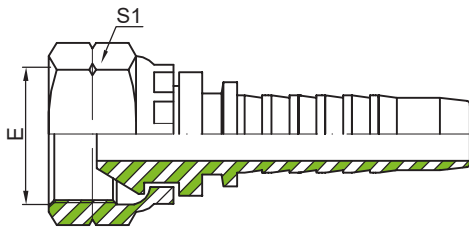
## JIC MALE 37° CONE STRAIGHT SAE J514/J516



18911 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S18911-04-03	7/16" x 20	5	3	14	
S18911-04-04	7/16" x 20	6	4	14	
S18911-05-04	1/2" x 20	6	4	14	
S18911-06-04	9/16" x 18	6	4	17	
S18911-05-05	1/2" x 20	8	5	14	
S18911-06-05	9/16" x 18	8	5	17	
S18911-05-06	1/2" x 20	10	6	17	
S18911-06-06	9/16" x 18	10	6	17	
S18911-08-06	3/4" x 16	10	6	22	
S18911-10-06	7/8" x 14	10	6	24	
S18911-08-08	3/4" x 16	12	8	22	
S18911-10-08	7/8" x 14	12	8	24	
S18911-12-08	1.1/16" x 12	12	8	27	
S18911-10-10	7/8" x 14	16	10	24	
S18911-12-10	1.1/16" x 12	16	10	27	
S18911-14-10	1.3/16" x 12	16	10	32	
S18911-12-12	1.1/16" x 12	19	12	27	
S18911-14-12	1.3/16" x 12	19	12	32	
S18911-16-12	1.5/16" x 12	19	12	36	
S18911-12-16	1.1/16" x 12	25	16	27	
S18911-16-16	1.5/16" x 12	25	16	36	
S18911-20-16	1.5/8" x 12	25	16	46	
S18911-20-20	1.5/8" x 12	32	20	46	
S18911-24-20	1.7/8" x 12	32	20	50	
S18911-24-24	1.7/8" x 12	38	24	50	
S18911-32-32	2.1/2" x 12	50	32	65	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## NPSM FEMALE 30° CONE STRAIGHT

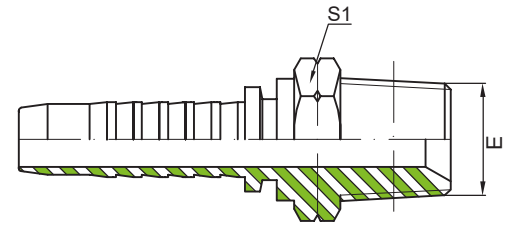
238II SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S23811-04-03	1/4" x 18	5	3	19	
S23811-04-04	1/4" x 18	6	4	19	
S23811-06-04	3/8" x 18	6	4	22	
S23811-06-05	3/8" x 18	8	5	22	
S23811-04-06	1/4" x 18	10	6	19	
S23811-06-06	3/8" x 18	10	6	22	
S23811-08-08	1/2" x 14	12	8	27	
S23811-12-10	3/4" x 14	16	10	32	
S23811-12-12	3/4" x 14	19	12	32	
S23811-16-12	1" x 11.5	19	12	41	
S23811-16-16	1" x 11.5	25	16	41	
S23811-20-20	1.1/4" x 11.5	32	20	50	
S23811-24-20	1.1/2" x 11.5	32	20	55	
S23811-24-24	1.1/2" x 11.5	38	24	55	
S23811-32-32	2" x 11.5	50	32	70	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## NPTF MALE 30° CONE STRAIGHT

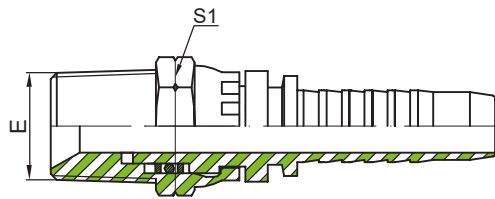
### SAE J516



178II SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S17811-02-03	1/8" x 27	5	3	14	
S17811-04-03	1/4" x 18	5	3	14	
S17811-02-04	1/8" x 27	6	4	14	
S17811-04-04	1/4" x 18	6	4	14	
S17811-06-04	3/8" x 18	6	4	19	
S17811-08-04	1/2" x 14	6	4	22	
S17811-04-05	1/4" x 18	8	5	17	
S17811-06-05	3/8" x 18	8	5	19	
S17811-04-06	1/4" x 18	10	6	17	
S17811-06-06	3/8" x 18	10	6	19	
S17811-08-06	1/2" x 14	10	6	22	
S17811-06-08	3/8" x 18	12	8	22	
S17811-08-08	1/2" x 14	12	8	22	
S17811-12-08	3/4" x 14	12	8	27	
S17811-08-10	1/2" x 14	16	10	22	
S17811-12-10	3/4" x 14	16	10	27	
S17811-16-10	1" x 11.5	16	10	36	
S17811-12-12	3/4" x 14	19	12	27	
S17811-16-12	1" x 11.5	19	12	36	
S17811-12-16	3/4" x 14	25	16	27	
S17811-16-16	1" x 11.5	25	16	36	
S17811-20-16	1.1/4" x 11.5	25	16	46	
S17811-20-20	1.1/4" x 11.5	32	20	46	
S17811-24-24	1.1/2" x 11.5	38	24	50	
S17811-32-32	2" x 11.5	50	32	65	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



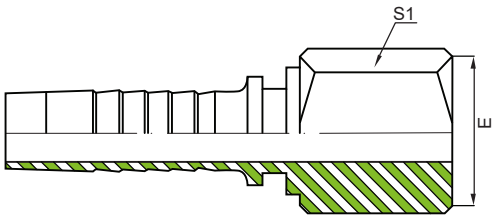
## NPTF SWIVEL MALE 30° CONE STRAIGHT SAE J516

<b>I7811W SERIES</b>	<b>THREAD</b>	<b>HOSE BORE</b>		<b>DIMENSIONS (MM)</b>	
<b>PROPULSE FITTING PART NO.</b>	<b>E</b>	<b>DN</b>	<b>DASH</b>	<b>S1</b>	
<b>S17811W-02-04</b>	1/8" x 27	6	4	14	
<b>S17811W-04-04</b>	1/4" x 18	6	4	17	
<b>S17811W-06-04</b>	3/8" x 18	6	4	19	
<b>S17811W-06-05</b>	3/8" x 18	8	5	19	
<b>S17811W-04-06</b>	1/4" x 18	10	6	17	
<b>S17811W-06-06</b>	3/8" x 18	10	6	19	
<b>S17811W-08-06</b>	1/2" x 14	10	6	22	
<b>S17811W-08-08</b>	1/2" x 14	12	8	22	
<b>S17811W-12-12</b>	3/4" x 14	19	12	27	
<b>S17811W-16-16</b>	1" x 11.5	25	16	36	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

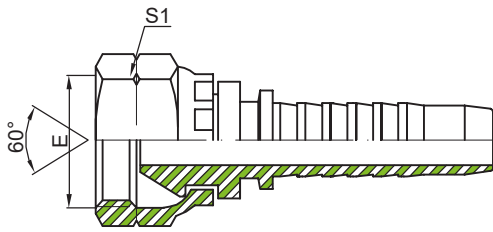
NPT FEMALE SOLID STRAIGHT



278II SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S27811-04-04	1/4" x 18	6	4	19	
S27811-04-06	1/4" x 18	10	6	19	
S27811-06-06	3/8" x 18	10	6	22	
S27811-08-06	1/2" x 14	10	6	25.4	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

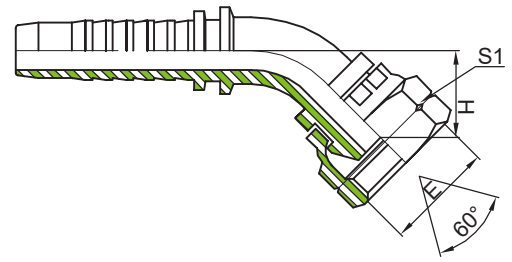
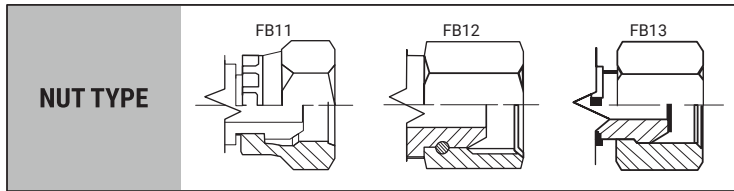
**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**BSP FEMALE 60° CONE STRAIGHT**

<b>248II SERIES</b>	<b>THREAD</b>	<b>HOSE BORE</b>		<b>DIMENSIONS (MM)</b>	
<b>PROPULSE FITTING PART NO.</b>	<b>E</b>	<b>DN</b>	<b>DASH</b>	<b>S1</b>	
<b>S24811-02-03</b>	1/8" x 28	5	3	14	
<b>S24811-04-03</b>	1/4" x 19	5	3	19	
<b>S24811-02-04</b>	1/8" x 28	6	4	14	
<b>S24811-04-04</b>	1/4" x 19	6	4	19	
<b>S24811-06-04</b>	3/8" x 19	6	4	22	
<b>S24811-04-05</b>	1/4" x 19	8	5	19	
<b>S24811-06-05</b>	3/8" x 19	8	5	22	
<b>S24811-04-06</b>	1/4" x 19	10	6	19	
<b>S24811-06-06</b>	3/8" x 19	10	6	22	
<b>S24811-08-06</b>	1/2" x 14	10	6	27	
<b>S24811-06-08</b>	3/8" x 14	12	8	22	
<b>S24811-08-08</b>	1/2" x 14	12	8	27	
<b>S24811-10-08</b>	5/8" x 14	12	8	30	
<b>S24811-12-08</b>	3/4" x 14	12	8	32	
<b>S24811-10-10</b>	5/8" x 14	16	10	30	
<b>S24811-12-10</b>	3/4" x 14	16	10	32	
<b>S24811-12-12</b>	3/4" x 14	19	12	32	
<b>S24811-16-12</b>	1" x 11	19	12	41	
<b>S24811-16-16</b>	1" x 11	25	16	41	
<b>S24811-20-16</b>	1.1/4" x 11	32	16	50	
<b>S24811-20-20</b>	1.1/4" x 11	32	20	50	
<b>S24811-24-20</b>	1.1/2" x 11	32	20	60	
<b>S24811-24-24</b>	1.1/2" x 11	38	24	60	
<b>S24811-32-24</b>	2" x 11	38	24	70	
<b>S24811-32-32</b>	2" x 11	50	32	70	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

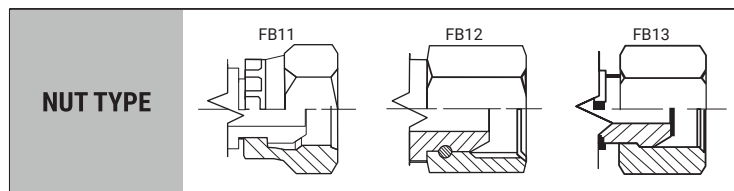
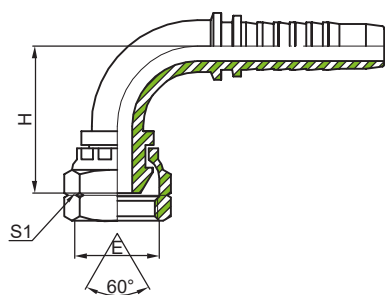
**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**BSP FEMALE 60° CONE 45° ELBOW**

<b>24841 SERIES</b>	<b>THREAD</b>	<b>HOSE BORE</b>		<b>DIMENSIONS (MM)</b>	
<b>PROPULSE FITTING PART NO.</b>	<b>E</b>	<b>DN</b>	<b>DASH</b>	<b>S1</b>	<b>H</b>
<b>S24841-04-04</b>	1/4" x 19	6	4	19	15
<b>S24841-06-04</b>	3/8" x 19	6	4	22	16
<b>S24841-06-05</b>	3/8" x 19	8	5	22	15
<b>S24841-06-06</b>	3/8" x 19	10	6	22	15
<b>S24841-08-06</b>	1/2" x 14	10	6	27	16
<b>S24841-08-08</b>	1/2" x 14	12	8	27	17
<b>S24841-10-08</b>	5/8" x 14	12	8	30	22.5
<b>S24841-12-08</b>	3/4" x 14	12	8	32	26
<b>S24841-10-10</b>	5/8" x 14	16	10	30	26
<b>S24841-12-10</b>	3/4" x 14	16	10	32	27
<b>S24841-12-12</b>	3/4" x 14	19	12	32	28
<b>S24841-16-12</b>	1" x 11	19	12	41	30
<b>S24841-16-16</b>	1" x 11	25	16	41	37
<b>S24841-20-16</b>	1.1/4" x 11	25	16	50	31
<b>S24841-20-20</b>	1.1/4" x 11	32	20	50	39
<b>S24841-24-24</b>	1.1/2" x 11	38	24	60	45
<b>S24841-32-32</b>	2" x 11	50	32	70	47

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

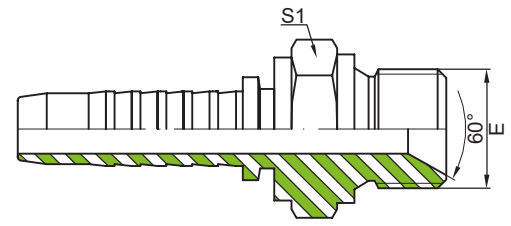
**BSP FEMALE 60° CONE 90° ELBOW**

24891 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	H
S24891-04-04	1/4" x 19	6	4	19	29
S24891-06-04	3/8" x 19	6	4	22	31
S24891-04-05	1/4" x 19	8	5	19	29.5
S24891-06-05	3/8" x 19	8	5	22	27.5
S24891-04-06	1/4" x 19	10	6	17	31.5
S24891-06-06	3/8" x 19	10	6	22	31.5
S24891-08-06	1/2" x 14	10	6	27	32
S24891-06-08	3/8" x 19	12	8	22	41
S24891-08-08	1/2" x 14	12	8	27	36
S24891-10-08	5/8" x 14	12	8	30	44
S24891-12-08	3/4" x 14	12	8	32	45.5
S24891-08-10	1/2" x 14	16	10	27	55
S24891-10-10	5/8" x 14	16	10	30	53.5
S24891-12-10	3/4" x 14	16	10	32	55
S24891-12-12	3/4" x 14	19	12	32	60
S24891-16-12	1" x 11	19	12	41	62
S24891-16-16	1" x 11	25	16	41	76
S24891-20-16	1.1/4" x 11	25	16	50	78
S24891-20-20	1.1/4" x 11	32	20	50	84
S24891-20-24	1.1/4" x 11	38	24	70	90
S24891-24-24	1.1/2" x 11	38	24	60	99
S24891-32-24	2" x 11	40	24	70	125
S24891-32-32	2" x 11	50	32	70	110

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

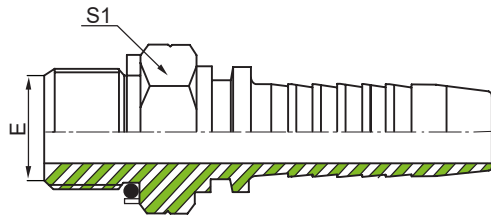
## BSP MALE 60° CONE STRAIGHT



I48II SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S14811-02-03	1/8" x 28	5	3	14	
S14811-02-04	1/8" x 28	6	4	14	
S14811-04-04	1/4" x 19	6	4	19	
S14811-06-04	3/8" x 19	6	4	22	
S14811-06-05	3/8" x 19	8	5	22	
S14811-04-06	1/4" x 19	10	6	19	
S14811-06-06	3/8" x 19	10	6	22	
S14811-08-06	1/2" x 14	10	6	27	
S14811-06-08	3/8" x 19	12	8	22	
S14811-08-08	1/2" x 14	12	8	27	
S14811-10-08	5/8" x 14	12	8	30	
S14811-12-08	3/4" x 14	12	8	32	
S14811-10-10	5/8" x 14	16	10	30	
S14811-12-10	3/4" x 14	16	10	32	
S14811-12-12	3/4" x 14	19	12	32	
S14811-16-12	1" x 11	19	12	41	
S14811-16-16	1" x 11	25	16	41	
S14811-20-16	1.1/4" x 11	25	16	50	
S14811-20-20	1.1/4" x 11	32	20	50	
S14811-24-20	1.1/2" x 11	32	20	60	
S14811-24-24	1.1/2" x 11	38	24	60	
S14811-32-32	2" x 11	50	32	70	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## BSPP MALE O-RING FLAT SEAL STRAIGHT

I44II SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S14411-04-04	1/4" x 19	6	4	17	
S14411-08-04	1/2" x 14	6	4	27	
S14411-04-06	1/4" x 19	10	6	19	
S14411-06-06	3/8" x 19	10	6	22	
S14411-08-06	1/2" x 14	10	6	27	
S14411-08-08	1/2" x 14	12	8	27	
S14411-10-10	5/8" x 14	16	10	30	
S14411-12-10	3/4" x 14	16	10	32	
S14411-12-12	3/4" x 14	19	12	32	
S14411-12-16	3/4" x 14	25	16	32	
S14411-16-16	1" x 11	25	16	41	
S14411-20-20	1.1/4" x 11	32	20	50	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## BSP FEMALE FLAT SEAL STRAIGHT

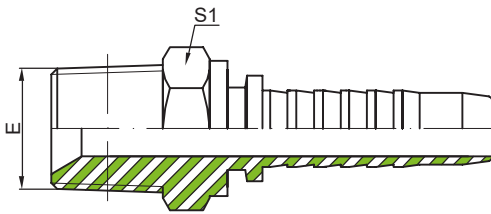


24411 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S24411-04-04	1/4" x 19	6	4	19	
S24411-06-04	3/8" x 19	6	4	22	
S24411-06-05	3/8" x 19	8	5	22	
S24411-04-06	1/4" x 19	10	6	19	
S24411-06-06	3/8" x 19	10	6	22	
S24411-08-06	1/2" x 14	10	6	27	
S24411-06-08	3/8" x 19	12	8	22	
S24411-08-08	1/2" x 14	12	8	27	
S24411-10-08	5/8" x 14	12	8	30	
S24411-12-08	3/4" x 14	12	8	32	
S24411-10-10	5/8" x 14	16	10	30	
S24411-12-10	5/8" x 14	16	10	30	
S24411-12-12	3/4" x 14	19	12	32	
S24411-16-12	1" x 11	19	12	41	
S24411-16-16	1" x 11	25	16	41	
S24411-20-20	1.1/4" x 11	32	20	50	
S24411-24-24	1.1/2" x 11	38	24	60	
S24411-32-32	2" x 11	50	32	70	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## BSPT MALE STRAIGHT

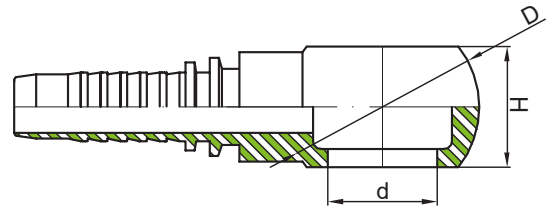


15211 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.	E	DN	DASH	S1	
S15211-02-04	1/8" x 28	6	4	12	
S15211-04-04	1/4" x 19	6	4	14	
S15211-06-04	3/8" x 19	6	4	19	
S15211-04-05	1/4" x 19	8	5	14	
S15211-06-05	3/8" x 19	8	5	19	
S15211-04-06	1/4" x 19	10	6	14	
S15211-06-06	3/8" x 19	10	6	19	
S15211-08-06	1/2" x 14	10	6	22	
S15211-06-08	3/8" x 19	12	8	19	
S15211-08-08	1/2" x 14	12	8	22	
S15211-12-08	3/4" x 14	12	8	27	
S15211-08-10	1/2" x 14	16	10	22	
S15211-12-10	3/4" x 14	16	10	27	
S15211-08-12	1/2" x 14	19	12	22	
S15211-12-12	3/4" x 14	19	12	27	
S15211-16-12	1" x 11	19	12	36	
S15211-12-16	3/4" x 14	25	16	27	
S15211-16-16	1" x 11	25	16	36	
S15211-20-20	1.1/4" x 11	32	20	46	
S15211-24-24	1.1/2" x 11	38	24	50	
S15211-32-24	2" x 11	38	24	65	
S15211-32-32	2" x 11	50	32	65	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

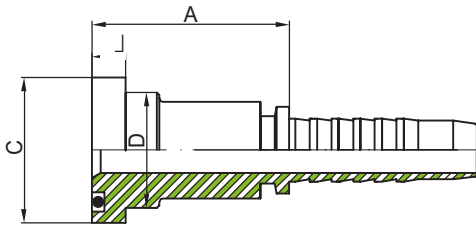
## BSP BANJO



74211 SERIES	BOLT SIZE	HOSE BORE		DIMENSIONS (MM)		
PROPULSE FITTING PART NO.		DN	DASH	D	D	H
S74211-02-03	1/8" x 28	5	3	9.9	22	16
S74211-04-03	1/4" x 19	5	3	13.3	24	15
S74211-02-04	1/8" x 28	6	4	9.9	22	16
S74211-04-04	1/4" x 19	6	4	13.3	24	15
S74211-03-04	3/8" x 19	6	4	16.7	29	20
S74211-04-05	1/4" x 19	8	5	13.3	24	15
S74211-06-05	3/8" x 19	8	5	16.7	29	20
S74211-08-05	1/2" x 14	8	5	21	38	25
S74211-04-06	1/4" x 19	10	6	13.3	24	15
S74211-06-06	3/8" x 19	10	6	16.7	29	20
S74211-08-06	1/2" x 14	10	6	21	38	25
S74211-06-08	3/8" x 19	12	8	16.7	29	20
S74211-08-08	1/2" x 14	12	8	21	38	25
S74211-16-08	1" x 11	12	8	33.3	60	42
S74211-08-10	1/2" x 14	16	10	21	38	25
S74211-10-10	5/8" x 14	16	10	23	40	27
S74211-12-10	3/4" x 14	16	10	26.5	48	31
S74211-12-12	3/4" x 14	19	12	26.5	48	31
S74211-16-12	1" x 11	19	12	33.3	60	42
S74211-16-16	1" x 11	25	16	33.3	60	42

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## SAE CODE 61 3000PSI FLANGE STRAIGHT SAE J516/J518

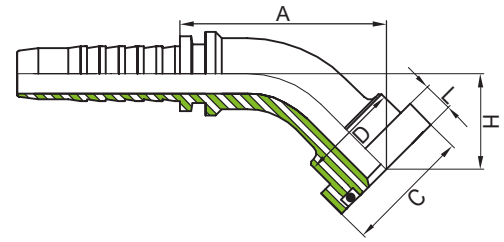
895II SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)			
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	L
S89511-08-08	1/2"	12	8	46	30.2	24	6.73
S89511-12-08	3/4"	12	8	47	38.1	31.7	6.73
S89511-12-10	3/4"	16	10	48	38.1	31.7	6.73
S89511-12-12	3/4"	19	12	48	38.1	31.7	6.73
S89511-16-12	1"	19	12	51	44.5	38	8
S89511-12-16	3/4"	25	16	49	38.1	31.7	6.73
S89511-16-16	1"	25	16	52	44.5	38	8
S89511-20-16	1.1/4"	25	16	57	50.8	43	8
S89511-16-20	1"	32	20	53	44.5	38	8
S89511-20-20	1.1/4"	32	20	58	50.8	43	8
S89511-24-20	1.1/2"	32	20	68	60.3	50	8
S89511-24-24	1.1/2"	38	24	68	60.3	50	8
S89511-32-24	2"	38	24	70	71.4	62	9.53
S89511-32-32	2"	50	32	70	71.4	62	9.53

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# SAE CODE 61 3000PSI FLANGE 45° ELBOW

## SAE J516/J518

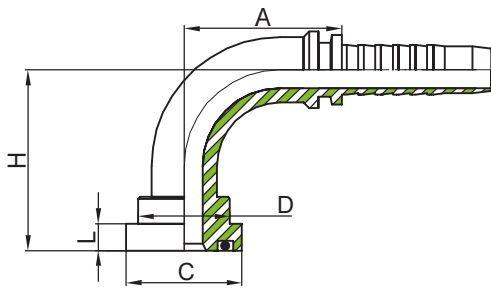


8954I SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)				
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	H	L
S89541-08-08	1/2"	12	8	58.2	30.2	24	19	6.73
S89541-12-08	3/4"	12	8	58.9	38.1	31.7	26	6.73
S89541-12-10	3/4"	16	10	70.1	38.1	31.7	26	6.73
S89541-12-12	3/4"	19	12	77	38.1	31.7	26	6.73
S89541-16-12	1"	19	12	77	44.5	38	28	8
S89541-16-16	1"	25	16	85.2	44.5	38	28	8
S89541-20-16	1.1/4"	25	16	85.2	50.8	43	32	8
S89541-16-20	1"	32	20	94.5	44.5	38	28	8
S89541-20-20	1.1/4"	32	20	94.5	50.8	43	32	8
S89541-24-20	1.1/2"	32	20	95.9	60.3	50	38	8
S89541-24-24	1.1/2"	38	24	109.9	60.3	50	38	8
S89541-32-24	2"	38	24	109.9	71.4	62	52	9.53
S89541-32-32	2"	50	32	129.3	71.4	62	52	9.53

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# SAE CODE 61 3000PSI FLANGE 90° ELBOW SAE J516/J518



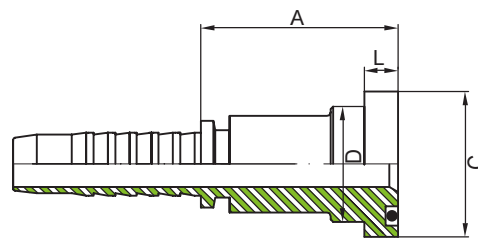
89591 SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)				
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	H	L
S89591-08-08	1/2"	12	8	41	30.2	24	40	6.73
S89591-12-08	3/4"	12	8	41	38.1	31.7	58	6.73
S89591-12-10	3/4"	16	10	56.5	38.1	31.7	58	6.73
S89591-12-12	3/4"	19	12	66.2	38.1	31.7	58	6.73
S89591-16-12	1"	19	12	66.2	44.5	38	61	8
S89591-12-16	3/4"	25	16	76.7	38.1	31.7	58	6.73
S89591-16-16	1"	25	16	78	44.5	38	61	8
S89591-20-16	1.1/4"	25	16	78	50.8	43	68	8
S89591-16-20	1"	32	20	91.5	44.5	38	61	8
S89591-20-20	1.1/4"	32	20	91.5	50.8	43	68	8
S89591-24-20	1.1/2"	32	20	91.5	60.3	50	81	8
S89591-20-24	1.1/4"	38	24	108.5	50.8	43	68	8
S89591-24-24	1.1/2"	38	24	109.4	60.3	50	81	8
S89591-32-24	2"	38	24	109.4	71.4	62	120	9.53
S89591-32-32	2"	50	32	131.8	71.4	62	120	9.53
S89591-40-32	2.1/2"	50	32	131.8	84.1	74.4	118	9.53

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SAE CODE 62 6000PSI FLANGE STRAIGHT

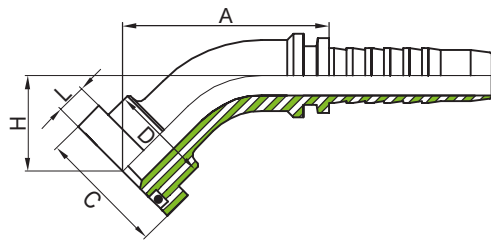
### SAE J516/J518



898II SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)				
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	H	L
S89811-08-08	1/2"	12	8	47	31.8	24	7.75	6.73
S89811-12-10	3/4"	16	10	51	41.3	32	8.76	6.73
S89811-12-12	3/4"	19	12	51	41.3	32	8.76	6.73
S89811-16-12	1"	19	12	56	47.6	38	9.53	6.73
S89811-16-16	1"	25	16	57	47.6	38	9.53	8
S89811-20-16	1.1/4"	25	16	65	54	44	10.29	8
S89811-16-20	1"	32	20	61	47.6	38	9.53	8
S89811-20-20	1.1/4"	32	20	66	54	44	10.29	8
S89811-24-20	1.1/2"	32	20	75	63.5	51	12.57	8
S89811-24-24	1.1/2"	38	24	75	63.5	51	12.57	8
S89811-32-24	2"	38	24	85	79.4	67	12.57	8
S89811-32-32	2"	50	32	85	79.4	67	12.57	9.53

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



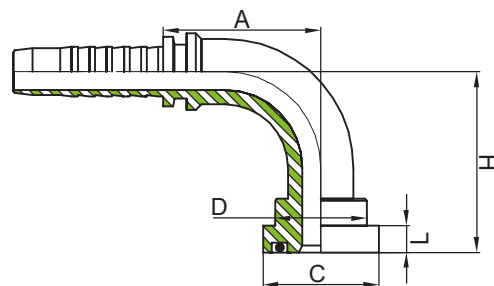
## SAE CODE 62 6000PSI FLANGE 45° ELBOW SAE J516/J518

89841 SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)				
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	H	L
S89841-08-08	1/2"	12	8	58.9	31.8	24	19	7.75
S89841-12-10	3/4"	16	10	72.5	41.3	32	26	8.76
S89841-08-12	1/2"	19	12	74.9	31.8	24	26	7.75
S89841-12-12	3/4"	19	12	79.2	41.3	32	26	8.76
S89841-16-12	1"	19	12	79.2	47.6	38	28	9.53
S89841-16-16	1"	25	16	90.2	47.6	38	28	9.53
S89841-20-16	1.1/4"	25	16	96.2	54	44	32	10.29
S89841-20-20	1.1/4"	32	20	103.8	54	44	32	10.29
S89841-24-20	1.1/2"	32	20	105.8	63.5	51	38	12.57
S89841-24-24	1.1/2"	38	24	116.2	63.5	51	38	12.57
S89841-32-24	2"	38	24	125.4	79.4	67	52	12.57
S89841-32-32	2"	50	32	135.7	79.4	67	52	12.57

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# SAE CODE 62 6000PSI FLANGE 90° ELBOW SAE J516/J518

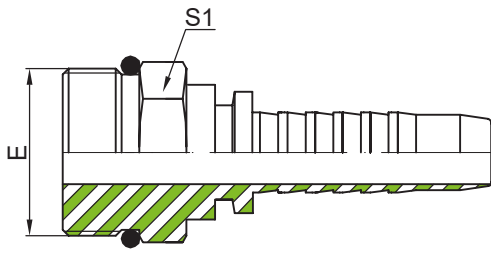


89891 SERIES	FLANGE	HOSE BORE		DIMENSIONS (MM)				
PROPULSE FITTING PART NO.	SIZE	DN	DASH	A	C	D	H	L
S89891-08-08	1/2"	12	8	41	31.8	24	40	7.75
S89891-12-10	3/4"	16	10	56.5	41.3	32	58	8.76
S89891-12-12	3/4"	19	12	66.2	41.3	32	58	8.76
S89891-16-12	1"	19	12	66.2	47.6	38	70	9.53
S89891-16-16	1"	25	16	78	47.6	38	61	9.53
S89891-20-16	1.1/4"	25	16	78	54	44	68	10.29
S89891-16-20	1"	32	20	91.5	47.6	38	61	9.53
S89891-20-20	1.1/4"	32	20	91.5	54	44	68	10.29
S89891-24-20	1.1/2"	32	20	91.5	63.5	51	81	12.57
S89891-24-24	1.1/2"	38	24	109.4	63.5	51	81	12.57
S89891-32-24	2"	38	24	109.4	79.4	67	120	12.57
S89891-32-32	2"	50	32	131.8	79.4	67	120	12.57

\*Dimensions provided are nominal for reference only and may vary based on current supply.

**⚠ WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# STANDARD ORB MALE SOLID SAE J514/J516

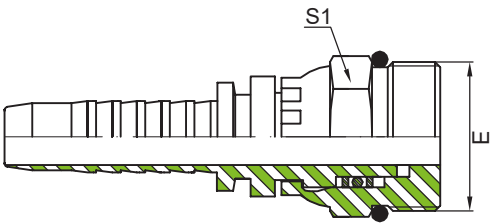


18211 SERIES	THREAD	HOSE BORE		DIMENSIONS (MM)	
PROPULSE FITTING PART NO.		DN	DASH	S1	
S18211-04-04	7/16" x 20	6	4	14	
S18211-05-04	1/2" x 20	6	4	17	
S18211-06-05	9/16" x 18	8	5	17	
S18211-06-06	9/16" x 18	10	6	17	
S18211-08-06	3/4" x 16	10	6	22	
S18211-08-08	3/4" x 16	12	8	22	
S18211-10-08	7/8" x 14	12	8	27	
S18211-10-10	7/8" x 14	16	10	27	
S18211-12-10	1.1/16" x 12	16	10	32	
S18211-12-12	1.1/16" x 12	19	12	32	
S18211-16-16	1.5/16" x 12	25	16	41	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

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STANDARD ORB MALE SWIVEL  
SAE J514/J516



I8211W SERIES PROPULSE FITTING PART NO.	THREAD	HOSE BORE		DIMENSIONS (MM)	
		DN	DASH	S1	
S18211W-04-04	7/16" x 20	6	4	14	
S18211W-06-04	9/16" x 18	6	4	17	
S18211W-06-06	9/16" x 18	10	6	17	
S18211W-08-06	3/4" x 16	10	6	22	
S18211W-08-08	3/4" x 16	12	8	22	
S18211W-10-08	7/8" x 14	12	8	27	
S18211W-12-08	1.1/16" x 12	12	8	32	
S18211W-10-10	7/8" x 14	16	10	27	
S18211W-12-12	1.1/16" x 12	19	12	32	

\*Dimensions provided are nominal for reference only and may vary based on current supply.

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