

# Split Flanges & Kits

For Code 61 & Code 62 (6,000 PSI)  
Forged Steel Construction ~ Zinc Dichromate plated



DMIC Forged Steel Split Flanges are the quality-oriented choice when safety and design integrity override price. Due to our high production volume, DMIC's FS Split Flange Kits can net out within pennies of "econo" Split Flanges, with no quality compromises.

- Extensive stock in all SAE J518 sizes up to 5" in Code 61, 3" in Code 62
- Bare "SN" flanges sold as halves, for complete kit (2 halves plus hardware kit) simply change "SN" suffix to "SK"

Split Flange Part Number	Flange Size	Working PSI	Dimensions (inches)										lbs.
			A	B	C	D	E	F	G	H	J	K	
<b>FSL (Split Flange Halves for C.61)</b>													
FSL-0500SN	½"	5000	0.96	2.13	0.90	1.50	0.34	0.75	0.51	0.34	1.22	0.24	0.26
FSL-0750SN	¾"	5000	1.26	2.56	1.02	1.88	0.44	0.87	0.55	0.42	1.53	0.24	0.35
FSL-1000SN	1"	5000	1.51	2.76	1.15	2.06	0.51	0.94	0.63	0.42	1.78	0.29	0.49
FSL-1250SN	1¼"	4000	1.72	3.11	1.43	2.31	0.59	0.87	0.55	0.47	2.03	0.29	0.66
FSL-1500SN	1½"	3000	2.00	3.70	1.62	2.75	0.70	0.98	0.63	0.53	2.41	0.29	0.95
FSL-2000SN	2"	3000	2.47	4.02	1.90	3.06	0.84	1.02	0.63	0.53	2.84	0.36	1.23
FSL-2500SN	2½"	2500	2.95	4.49	2.13	3.50	1.00	1.50	0.75	0.53	3.34	0.36	1.63
FSL-3000SN	3"	2000	3.58	5.31	2.57	4.19	1.22	1.61	0.87	0.66	4.03	0.36	2.87
FSL-3500SN	3½"	500	4.03	5.98	2.74	4.75	1.37	1.10	0.87	0.67	4.53	0.42	2.80
FSL-4000SN	4"	500	4.53	6.38	2.99	5.13	1.53	1.38	0.98	0.67	5.03	0.42	3.64
<b>FSH Split Flange Halves for Code 62 (6,000 PSI)</b>													
FSH-0500SN	½"	6000 PSI	0.97	2.20	0.93	1.59	0.36	0.87	0.63	0.34	1.28	0.29	0.35
FSH-0750SN	¾"		1.28	2.80	1.18	2.00	0.47	1.10	0.75	0.43	1.66	0.33	0.75
FSH-1000SN	1"		1.53	3.19	1.37	2.25	0.55	1.30	0.94	0.51	1.91	0.36	1.12
FSH-1250SN	1¼"		1.75	3.74	1.52	2.63	0.63	1.50	1.06	0.59	2.16	0.39	1.76
FSH-1500SN	1½"		2.03	4.45	1.87	3.13	0.72	1.69	1.18	0.67	2.53	0.48	3.17
FSH-2000SN	2"		2.66	5.24	2.24	3.81	0.88	2.05	1.46	0.83	3.16	0.48	4.63
FSH-2500SN	2½"		3.52	7.09	2.99	4.87	1.16	N/A	1.77	1.02	4.27	0.79	10.12
FSH-3000SN	3"		4.51	8.19	3.50	6.00	1.41	N/A	2.17	1.30	5.22	0.98	14.74

## Installation Tips for DMIC Split Flange Kits

### 1. CHECK AND CLEAN MATING SURFACE

Verify that the O-Ring Groove is free of contamination and physical damage. Damaged surfaces or the presence of debris may result in leaks.

### 2. LUBRICATE & INSTALL O-RING; VERIFY HEAD TO FLANGE CONTACT

Lubricate the O-Ring lightly, and seat into clean groove of Flange Head fitting. Position and push clamp halves inward around flange head tightly.

### 3. TIGHTEN FOUR BOLTS KITTY CORNER

Tighten the bolts evenly in a reversing "Z" pattern to ensure even distribution of forces about the flange.

Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.



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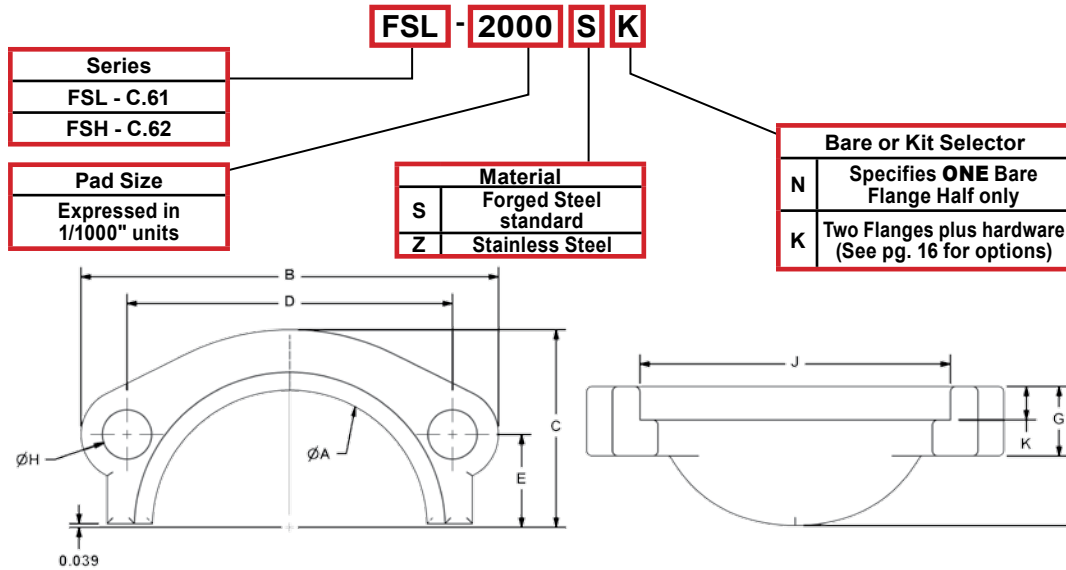
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Call Toll Free 1-800-248-3642  
In Canada 1-800-320-3642



# Ordering Codes Summary



## Stepper Flanges

Flanges with one side “standard, the other “companion”  
Adapts dissimilar flange genders/codes/standards

DMIC’s FLST flanges are indispensable for stepping one type of flanged connection to another. DMIC’s Engineering Dept. is able to furnish any step-size flange desired, if it is possible to construct.



- Sizes from ½" through 5", from any size to any size that’s possible to make; also allows possibility of Code 62/Code 61 interconnection
- One-side “metric” bolts, and one-side DIN available (if possible to make)
- Stock of frequently ordered units in UNC Code 61 & 62 for rapid shipment
- Available in Stainless Steel; production leadtime may apply

## How to Specify & Order your DMIC Step-Size Flange Requirement

Almost every DMIC Stepper Flange order solves a new, different problem. Moreover, there is no simple way to catalog the huge array of flanges which are available under DMIC’s Stepper Flange program. Therefore, DMIC will manufacture your Stepper Flange requirements more or less to order from our large CAD library of SAE 4-Bolt, Metric Pump, DIN, and CETOP Flange designs. **Order codes are unified with DMIC Valves.**

Note that while DMIC can construct ANY stepper flange request, certain types are not feasible as one-piece flanges and will incur consummately higher costs, especially for single-unit quantities.

