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FLANGE CROSS REFERENCE CHART

TRADEMARK



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Flange Cross Reference Chart

(API Series, ANSI RTJ Class, current API Designation)

This chart compares old API flange nominal size designations to current API flange nominal sizes. Old API Series 2900 flanges and the 14" Series 1500 flange do not connect to any current API flanges. [See the CAUTION that appears below this chart about connecting API to ANSI flanges.](#)

Old API Nominal Flange Designation / ANSI Class *	Current API Nominal Flange Sizes
2" SERIES / ANSI CLASS / 600	2-1/16" 2M
2" SERIES / ANSI CLASS / 900	2-1/16" 3M
2" SERIES / ANSI CLASS / 1500	2-1/16" 5M
2" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
2-1/2" SERIES / ANSI CLASS / 600	2-9/16" 2M
2-1/2" SERIES / ANSI CLASS / 900	2-9/16" 3M
2-1/2" SERIES / ANSI CLASS / 1500	2-9/16" 5M
2-1/2" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
3" SERIES / ANSI CLASS / 600	3-1/8" 2M
3" SERIES / ANSI CLASS / 900	3-1/8" 3M
3" SERIES / ANSI CLASS / 1500	3-1/8" 5M
3" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
3-1/2" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
4" SERIES / ANSI CLASS / 600	4-1/16" 2M
4" SERIES / ANSI CLASS / 900	4-1/16" 3M
4" SERIES / ANSI CLASS / 1500	4-1/16" 5M
5" SERIES / ANSI CLASS / 600	5-1/8" 2M
5" SERIES / ANSI CLASS / 900	5-1/8" 3M

* **CAUTION:** These API 6A (6B) flanges have the same dimensions as ANSI B16.5, RTJ flanges. If flanges do not have clear marking designating them API, users should assume the flanges have ANSI B16.5 working pressure ratings. ANSI B16.5 rates their flanges as follows: Class 600 / 1440 psi, Class 900 / 2160 psi, Class 1500 / 3600 psi.

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Old API Nominal Flange Designation / ANSI Class *	Current API Nominal Flange Sizes
5" SERIES / ANSI CLASS / 1500	5-1/8" 5M
5" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
6" SERIES / ANSI CLASS / 600	7-1/16" 2M
6" SERIES / ANSI CLASS / 900	7-1/16" 3M
6" SERIES / ANSI CLASS / 1500	7-1/16" 5M
8" SERIES / ANSI CLASS / 600	9" 2M
8" SERIES / ANSI CLASS / 900	9" 3M
8" SERIES / ANSI CLASS / 1500	9" 5M
10" SERIES / ANSI CLASS / 600	11" 2M
10" SERIES / ANSI CLASS / 900	11" 3M
10" SERIES / ANSI CLASS / 1500	11" 5M
10" SERIES 2900 / NO ANSI	FITS NO CURRENT FLG
12" SERIES / ANSI CLASS / 600	13-5/8" 2M
12" SERIES / ANSI CLASS / 900	13-5/8" 3M
14" SERIES / ANSI CLASS / 1500	FITS NO CURRENT FLG
16" SERIES / ANSI CLASS / 600	16-3/4" 2M
16" SERIES / ANSI CLASS / 900	16-3/4" 3M
20" SERIES / ANSI CLASS / 600	21-1/4" 2M
20" SERIES / ANSI CLASS / 900	20-3/4" 3M

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