

# API 600 Trim Number Chart

Trim #	Material	Seat	Disc	Backseat	Stem	Notes
1	410	410	410	410	410	
2	304	304	304	304	304	
3	F310	310	310	310	310	
4	Hard 410	Hard 410	Hard 410	410	410	Seats 750 BHN min.
5	Hardfaced	Stellite	Stellite	410	410	
5A	Hardfaced	Ni-Cr	Ni-Cr	410	410	
6	410 and Cu-Ni	Cu-Ni	410	410	410	
7	410 and Hard 410	Hard 410	Hard 410	410	410	Seats 750 BHN min.
8	410 and Hardfaced	Stellite	410	410	410	
8A	410 and Hardfaced	Ni-Cr	410	410	410	
9	Monel	Monel	Monel	Monel	Monel	
10	316	316	316	316	316	
11	Monel and Hardfaced	Stellite	Monel	Monel	Monel	
12	316 and Hardfaced	Stellite	316	316	316	
13	Alloy 20	Alloy 20	Alloy 20	Alloy 20	Alloy 20	
14	Alloy 20 and Hardfaced	Stellite	Alloy 20	Alloy 20	Alloy 20	
15	304 and Hardfaced	Stellite	Stellite	304	304	
16	316 and Hardfaced	Stellite	Stellite	316	316	
17	347 and Hardfaced	Stellite	Stellite	347	347	
18	Alloy 20 and Hardfaced	Stellite	Stellite	Alloy 20	Alloy 20	

STEM	DISC	SEAT
1) <b>13% Cr.</b>	<b>13% Cr.</b>	<b>13% Cr.</b>
<b>(API Std. 600 Trim No. 1)</b> For oil and oil vapor services temperature to 1000 °F (540 °C) and for most corrosive and unrefined oils regardless of temperature.		
2) <b>13% Cr.</b>	<b>13% Cr.</b>	<b>Stellited</b>
<b>(API Std. 600 Trim No. 8)</b> For steam and water up to 750° F (399 °C).		
3) <b>13% Cr.</b>	<b>Stellited</b>	<b>Stellited</b>
<b>(API Std. 600 Trim No. 5)</b> For high temperature steam, oil and oil vapor service, high pressure steam and water up to 1100 °F (593 °C), abrasive fluid.		
4) <b>13% Cr.</b>	<b>13% Cr.</b>	<b>Monel</b>
For light hydrocarbons and their vapours and gas up to 850 °F (454 °C).		
5) <b>Monel</b>	<b>Monel</b>	<b>Monel</b>
<b>(API Std. 600 Trim No. 9)</b> Recommended for corrosive services.		
6) <b>18-8</b>	<b>18-8</b>	<b>18-8</b>
<b>(API Std. 600 Trim No. 2)</b> (Type 304) corrosive fluids and temperature from 150 °F (66 °C) + 1100 °F (600 °C).		
7) <b>18-8-3</b>	<b>18-8-3</b>	<b>18-8-3</b>
<b>(API Std. 600 Trim No. 10)</b> (Type 316) corrosive fluids and temperature from 150 °F (66 °C) + 1500 °F (800 °C).		

