



SECTION 2—UPPER REVOLVING FRAME

In the values listed "Fraction" the numerator and denominator are simplified. The first number designated the figure, the second number the figure.

Part No.	Part No.	Qty.	Description
CONSOLE BRIDGE GROUP			
1-1	W758	2	Bracket, Turntable, Steel
1-2	W759	2	Cap Screw, 1/2" x 1/2" x 1/2", with Nut and Lockwasher
1-3	W760	2	Bracket, Turntable, Steel, with Nut and Lockwasher, 1/2" x 1/2" x 1/2"
1-4	W761	2	Bracket, Turntable, Steel, 1/2" x 1/2" x 1/2"
1-5	W762	2	Bracket, Turntable, Steel, 1/2" x 1/2" x 1/2"



FIG. 1. CONSOLE BRIDGE

1-6	W763	2	Cap and Pin, Steel, Steel, with Lockwasher
1-7	W764	2	Cap and Pin, Steel, Steel, with Lockwasher
1-8	W765	2	Bracket, Steel, 1/2" x 1/2" x 1/2", with Lockwasher
CONSOLE BRIDGE GROUP			
1-9	W766	2	Bracket, Steel, Steel, with Lockwasher
1-10	W767	2	Bracket, Steel, Steel, with Lockwasher
1-11	W768	2	Bracket, Steel, Steel, with Lockwasher
1-12	W769	2	Bracket, Steel, Steel, with Lockwasher
1-13	W770	2	Bracket, Steel, Steel, with Lockwasher
1-14	W771	2	Bracket, Steel, Steel, with Lockwasher
1-15	W772	2	Bracket, Steel, Steel, with Lockwasher
1-16	W773	2	Bracket, Steel, Steel, with Lockwasher
1-17	W774	2	Bracket, Steel, Steel, with Lockwasher
1-18	W775	2	Bracket, Steel, Steel, with Lockwasher
1-19	W776	2	Bracket, Steel, Steel, with Lockwasher
1-20	W777	2	Bracket, Steel, Steel, with Lockwasher
1-21	W778	2	Bracket, Steel, Steel, with Lockwasher
1-22	W779	2	Bracket, Steel, Steel, with Lockwasher
1-23	W780	2	Bracket, Steel, Steel, with Lockwasher
1-24	W781	2	Bracket, Steel, Steel, with Lockwasher
1-25	W782	2	Bracket, Steel, Steel, with Lockwasher
1-26	W783	2	Bracket, Steel, Steel, with Lockwasher
1-27	W784	2	Bracket, Steel, Steel, with Lockwasher
1-28	W785	2	Bracket, Steel, Steel, with Lockwasher
1-29	W786	2	Bracket, Steel, Steel, with Lockwasher
1-30	W787	2	Bracket, Steel, Steel, with Lockwasher
1-31	W788	2	Bracket, Steel, Steel, with Lockwasher
1-32	W789	2	Bracket, Steel, Steel, with Lockwasher
1-33	W790	2	Bracket, Steel, Steel, with Lockwasher
1-34	W791	2	Bracket, Steel, Steel, with Lockwasher
1-35	W792	2	Bracket, Steel, Steel, with Lockwasher
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1-41	W798	2	Bracket, Steel, Steel, with Lockwasher
1-42	W799	2	Bracket, Steel, Steel, with Lockwasher
1-43	W800	2	Bracket, Steel, Steel, with Lockwasher
1-44	W801	2	Bracket, Steel, Steel, with Lockwasher
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1-59	W816	2	Bracket, Steel, Steel, with Lockwasher
1-60	W817	2	Bracket, Steel, Steel, with Lockwasher
1-61	W818	2	Bracket, Steel, Steel, with Lockwasher
1-62	W819	2	Bracket, Steel, Steel, with Lockwasher
1-63	W820	2	Bracket, Steel, Steel, with Lockwasher
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1-97	W854	2	Bracket, Steel, Steel, with Lockwasher
1-98	W855	2	Bracket, Steel, Steel, with Lockwasher
1-99	W856	2	Bracket, Steel, Steel, with Lockwasher
1-100	W857	2	Bracket, Steel, Steel, with Lockwasher

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web in the first semester lab course you may have determined the temperature dependence of the keto enol equilibrium constants of acetylacetone 2 4 pentanedione and ethyl acetoacetate ethyl 3 oxobutanoate in chloroform d_1 $cdcl_3$ and methanol d_4 cd_3od using 1h nmr 1 4 see figure 1

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web the enol keto equilibrium constant k_{eq} enol keto and enol are functions of temperature their values can be determined by integrating the enol and keto signal areas table 1 summarizes the equilibrium constant and percent enol concentration values calculated for the different combinations of enol to keto ratio note that

experiment 4 equilibrium thermodynamics of a keto enol - May 29 2023

web the relative amounts of products and reactants at equilibrium is characterized by the equilibrium constant for this reaction k_{eq} is defined as $\frac{[enol]_{eq}}{[keto]_{eq}}$ where the subscript eq indicates that all concentrations are measured at equilibrium

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web because the system exists essentially completely as the thiol isomer a carbon acid acidity constant for ionization starting with the thio keto form as the initial state k_j could not be measured and a keto enol equilibrium constant k_{eq} could not be determined

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web keto enol tautomerism because of the acidity of α hydrogens carbonyls undergo keto enol tautomerism tautomers are rapidly interconverted constitutional isomers usually distinguished by a different bonding location for a labile hydrogen atom and a differently located double bond

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web jan 27 2016 several factors affect the position of keto enol equilibrium defined here as k_{eq} enol keto including structure steric bulk conjugation electron withdrawing donating groups resonance temperature and solvent a judiciously selected set of compounds that have a common 1 3 dicarbonyl moiety with progressively

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web experimental methods detailed experimental procedure used for this experiment is given in the chem 417 laboratory manual the experiment 1 nmr determination of keto enol equilibrium constant each student prepared 4 tubes with sample solutions and two nmr tubes with solvent only one with deuterated chloroform and one with the methanol

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