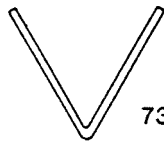
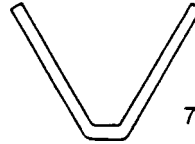
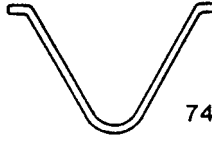


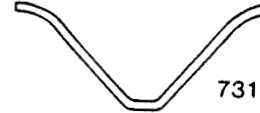
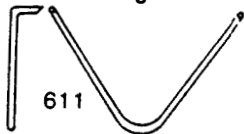
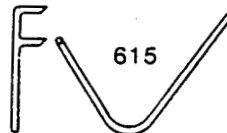


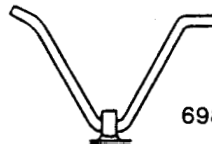
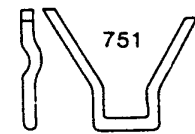
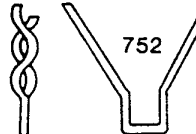
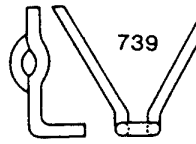
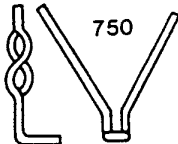
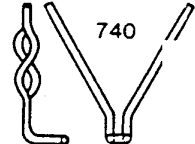

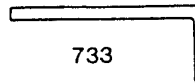
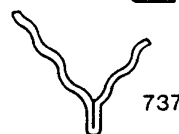
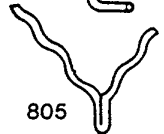
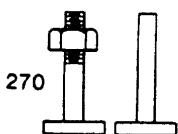
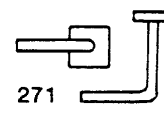
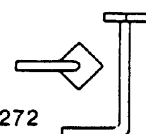
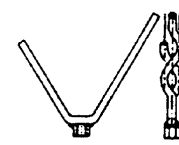
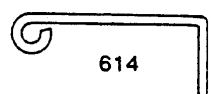
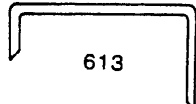
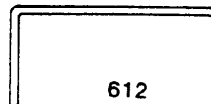
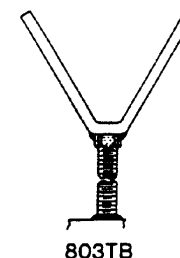
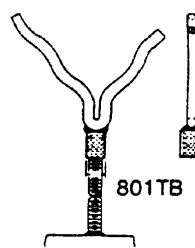
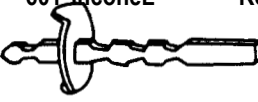
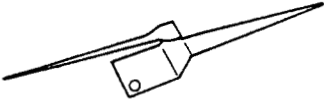
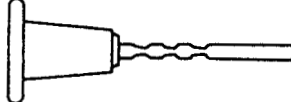
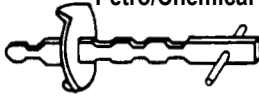
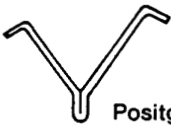
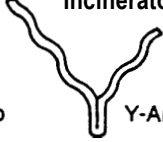

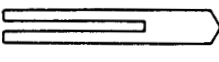
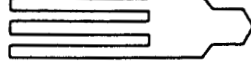
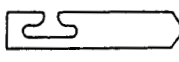


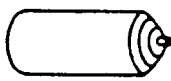

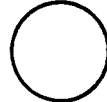
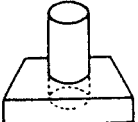
# REFRACTORY ANCHORS

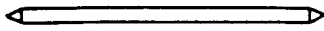
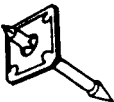
STD MATERIALS	PRIME USE	REFRACTORY MATERIAL	TEMPERATURE RANGE	STUD VS HAND WELD	MAJOR INDUSTRY USERS
304 SS MS	Stacks, Ducts, Process Heaters	Lightweight Castable	Below 1500°F	Hand Weld	Heat Treating Glass Making Pulp/Paper
		 732	 734	 744	
304 SS 310 SS	Stacks, Incinerators, Reformers, Pelletizing Furnaces	Low to Medium Density Castable	Below 1800°F	Hand Weld	Primary Metals Iron/Steel, Heat Treating Utilities
		 738	 735	 731	 611
		 615	 741	 746	 698
304 SS 310 SS 330 SS	Open Hearth Furnaces, Catalytic Crackers, Rotary Kilns, Transfer Lines	Medium to High Density Castable	Over 2000°F	Hand Weld	Iron/Steel Petro/Chemical Cement Primary Metals
		 751	 752	 739	 750
		 740	 736	 733	 737
		 805			
304 SS 310 SS 316 SS 330 SS 601 Inconel	Rotary Kilns, Furnace Arches, Furnace Roofs, Reactor Bottoms	High Density Castable (Dual Component Linings)	Over 2000°F	Hand Weld	Cement Iron/Steel Petro/Chemical Utilities
		 270	 271	 272	 804TB
		 614	 613	 612	 803TB
					 801TB

STD MATERIALS	PRIME USE	REFRACTORY MATERIAL	TEMPERATURE RANGE	STUD VS HAND WELD	MAJOR INDUSTRY USERS
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304 SS 310 SS 601 Inconel  <b>Insultwist</b>	Heat Treat Furnaces, Carbottom Furnaces, Rotary Hearth	Fibre Blanket Fibre Modules  <b>Spear-Lok</b>	900° to 2250°F  <b>Cuplock</b>	Stud Welded  <b>Brick Clip</b>	Iron/ Steel Heat Treating Petro/Chemical
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304 SS 310 SS  <b>Positgrip</b>	Open Hearth Furnaces, Catalytic Crackers, Rotary Kilns, Stacks, Incinerators  <b>Y-Anchor</b>	Low to High Density Castable  <b>Surelock</b>	1200° to 2000°F  <b>2 Tine Pin</b>	Stud Welded  <b>3 Tine Pin</b>	Iron/Steel Cement Petro/Chemical Utilities  <b>T-Slotted</b>
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(Convex) 	Utility Boilers B.T.P. (Concave) 	Low Density 	1200° to 1800°F <b>Ball Stud</b>	Stud Weld 	Utilities Pulp/Paper Incinerators <b>Wear Bar</b>
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MS 304 SS 310 SS 	Stacks Heat Treating Low Temperature Ceramic Fibre Double Pointed 10GA Pin 12GA Pin	600° to 1200°F <b>Power Point Pin</b>	Stud Weld 	Heat Treating Construction
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