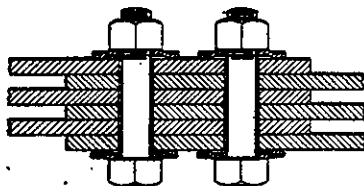


WHAT'S NEW IN PLANT EQUIPMENT

Flexible Coupling of Ball and Socket Design

IN THE flexible coupling (Davis) recently announced by the Penn Machine Company, Johnstown, Pa., the principle of the ball and socket motion is employed. Hardened and ground socket keys sliding in keyways cut in the outer rings fit over balls imbedded in the hub and permit the coupling to compensate for offset and angular misalignment.

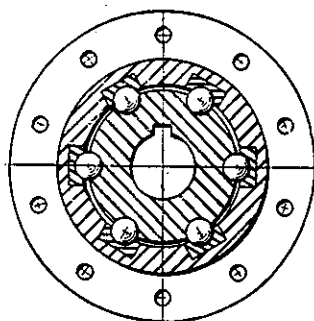
The outer ring connects the two hubs through the socket keys sliding endwise in the ring and rocking over the imbedded balls in the hub. With this construction practically half of the area of the balls is always in contact in the socket keys. This provides maximum



Expansion washers of bolted construction

clamp, of non-magnetic steel, is for use on buses and similar connections where this convenient method of joining conductors can be used. The body of the clamp is shaped so that it will distribute the contact pressure independently of the spring action of the bolting lugs.

The expansion washer for use on



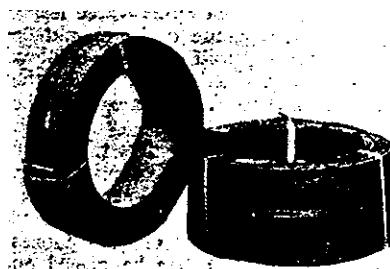
Cross section of Davis coupling showing arrangement of balls and sliding socket keys

driving contact in all positions and at the same time provides free lateral float to the connected machines.

The coupling is made entirely of high carbon forged steel in a number of sizes and both shrouded and exposed types are available.

Steel Clamp and Expansion Washer for Electrical Connections

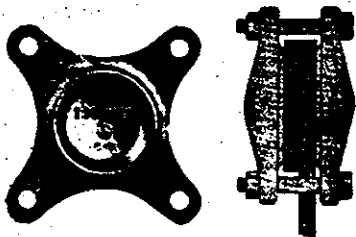
TO MAINTAIN a constant contact pressure in buses and connections during varying current loads, the General Electric Company, Schenectady, N. Y., has brought out the steel clamp and expansion washers illustrated. The spring



Garlock 701 brake lining

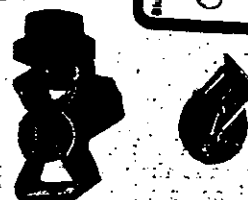
Industrial Brake Lining

AS A SUPPLEMENT to its line of packings, the Garlock Packing Company, Palmyra, N. Y., has introduced an industrial brake lining to be known as Garlock 701. The lining, which is designed for severe duty, is constructed of asbestos cloth, impregnated with a special rubber compound, then folded, molded, and vulcanized under 2,000-lb. pressure. It is available in widths from 1 1/4 to 12 in. and in thicknesses from 5/32 to 1 in.



Spring clamp of non-magnetic steel

PLAINTIFF'S
EXHIBIT
G-55



Clamp prevents heating of fuse clips due to poor contact

Fuse Clip Clamps

TO PREVENT fuses from arcing and burning at contacts, the Ideal Commutator Dresser Company, Sycamore, Ill., has introduced the fuse clip clamp illustrated. The clamp is placed over the ends of the fuse contact and by turning a knurled knob the contacts are drawn tightly against the fuse, assuring a permanent contact. They are made in three sizes—30 amp., 250 volts; 30 amp., 600 volts; and 60 amp., 250 to 600 volts.

Protective Paint for Pipe Lines

ANNOUNCEMENT has just been made by the American District Steam Company, North Tawanda, N. Y., of a protective paint for use on steam and hot water pipe lines.

The product has been named ADSCO Pipe-Kote 505. According to the manufacturer, it provides several important advantages over the ordinary paints in that it is impervious to any degree of heat generated by steam; is practically immune to the action of moisture, dilute acids and alkalis; and while it produces an extremely hard, tenacious coating, it is sufficiently elastic to expand and contract with the pipe without cracking or peeling.

While Pipe-Kote is especially recommended for use on steam and hot-water lines, it is said to work with equal effectiveness on gas and water mains, stacks, boiler fronts, bridges, and all other surfaces exposed to extreme or rapid changes of temperature and atmospheric conditions.

Photo-Electric Lighting Control Relay

TO ENABLE the intensity of natural light to control artificial lighting automatically, a new photo-electric lighting control relay has been developed by the Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. When the intensity of daylight increases to a certain point this device operates to turn on electric lights; and, conversely, when the natural light increases to a certain intensity it causes the lights to be turned off.

The operation of the lighting control relay is effected by variations in the intensity of light falling on a photo-electric tube. These variations produce proportional changes in the amount of current passing through the tube.