



Eberspächer high-pressure hydraulics

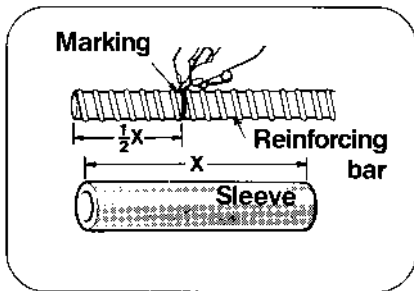
Swaged sleeve splice 



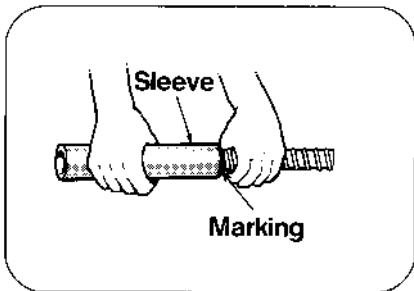
for joining of deformed reinforcing bars

Handling

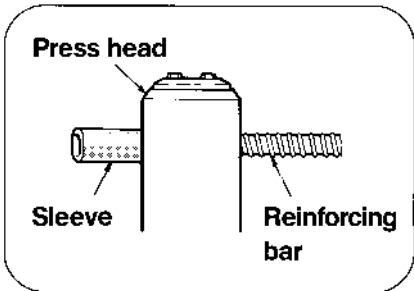
Work steps and time required to make a splice connection, 28 mm.



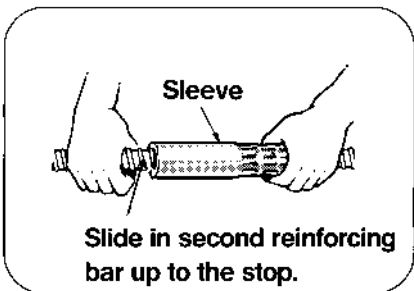
25 sec.



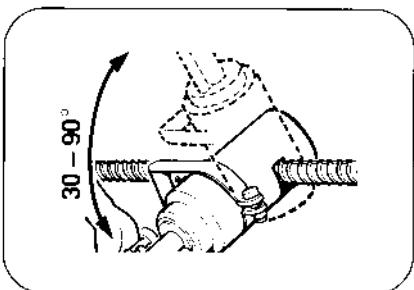
50 sec.



125 sec.



225 sec.



300 sec.



Minimum force at sleeve failure 401 kN

Rated breaking force at bar breakage 338 kN

Yield point 307 kN

Service load 175 kN

Splice dia. 28 mm reinforcing bar BSt 500 S

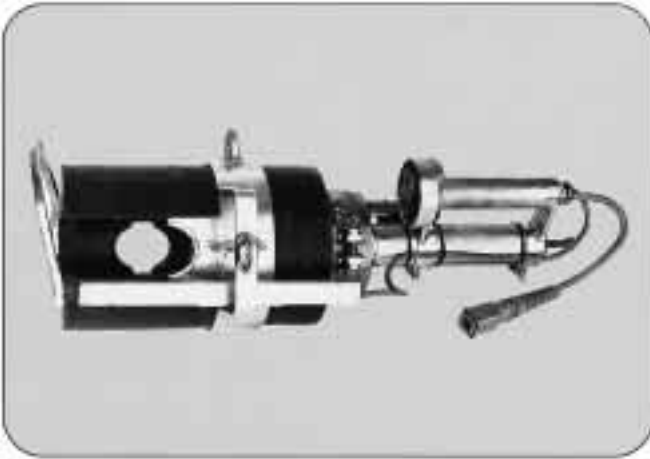
In use since 1968. Official approval by the civil engineering institute in Berlin since 1972.

In West-Germany to be used for reinforcing bars BSt 420 and BSt 500 S according to DIN 488, diameter range from 12 to 28 mm.

World wide use for diameters up to 57 mm.

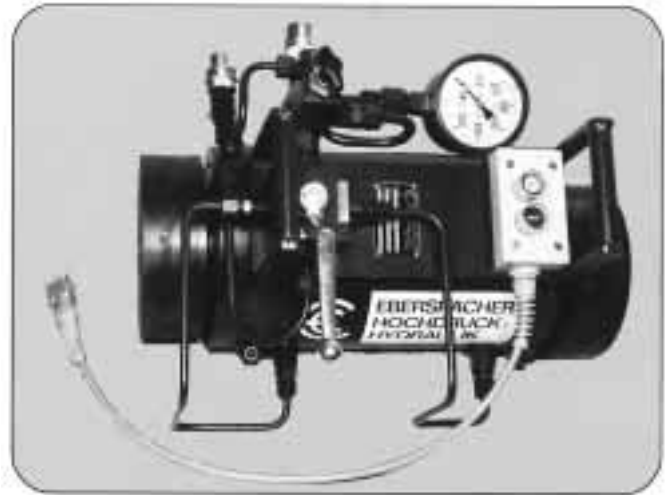


Equipment and auxiliary



Press heads

HP 21.1: 752 kN, \varnothing 12 – 28 mm
HP 22.2: 1072 kN, \varnothing 22 – 40 mm
HP 23.1: 2200 kN, \varnothing 29 – 57 mm
HP 24.2: 1408 kN, \varnothing 32 – 40 mm
HP 27 : 896 kN, \varnothing 12 – 40 mm
HP 29 : 400 kN, \varnothing 12 – 16 mm



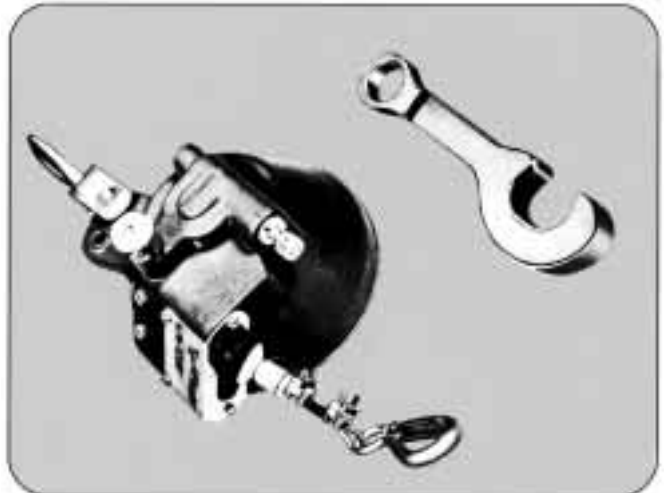
Test unit

HP 406: 630 kN, \varnothing 12 – 30 mm
HP 409: 1250 kN, \varnothing 16 – 44 mm



High speed press

HP 25.500: 3045 kN, \varnothing 12 – 57 mm

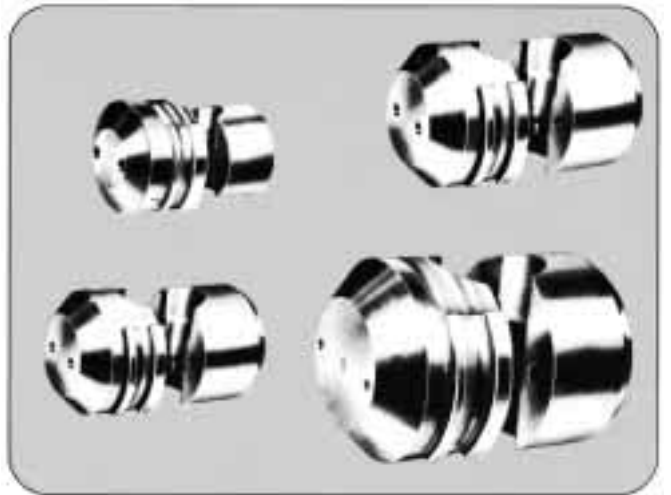


Hook and balancer



Power pack

HP 108.2: 5,5 kW, 800 bar, 5,5 l/min., 380 V, 50 HZ.
Other voltages and frequencies on request.



Change dies

Types of construction

Application:

Eberspächer PM splices can be used as tension splices and/or compression splices up to 100%. Exceeds $125\% \times$ specified yield strength for rebars manufactured to ASTM A 615. The manufacture of the components is subject to third-party supervision by the Otto-Graf-Institute at Stuttgart University. Details are given in the respective approval certificate.

Placing:

Our equipments are not only for sale; we also offer hire and lease with option to purchase. Your personnel will either be instructed and trained in our factory or on the construction site. Moreover, our fitters are available for performing compression work.



PM splice

Approved for components predominantly subjected to static load and not predominantly subjected to static load.

Placing mainly in the structure direct.



Reli-PM splice

Approval for components predominantly subjected to static load.

Both sleeves are compressed outside the structure. Bolting the sleeves together is all that must be done inside the structure – this permits smaller reinforcing bar spacing.

Additional connections for reinforcing bars



G-Loc splice

All reinforcing bars as to DIN 488 with a diameter of up to 50 mm can be connected, so that they will be compression-proof. Approval is not required.



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HP 071e 2/98