



Size		S250	S350	S500	S700	S800	S950	S1000	S1200	S1400	S1600
Max Release/Shear (in-lb)	Brass	-	17940	20808	51777	60752	138957	-	-	-	-
	Steel	4169	24649	28588	71107	83445	190778	673568	885075	885075	1311017
Wedgeslot Quantity & Wedgepin Type		2 x W25	3 x W37	3 x W37	3 x W50	3 x W50	3 x W75	4 x W100	4 x W100	4 x W120	4 x W120
Pin Working Radius (PWR) - inch		1.44	1.85	2.15	3.03	3.33	4.15	5	6.57	6.3	7.78
Maximum Bore - inch		0.98	1.38	1.97	2.76	3.35	3.94	4.72	5.91	7.09	7.87
Outside Diameter (A) - inch		3.15	3.94	4.53	5.91	6.89	9.06	11.02	14.17	13.78	16.73
Overall Length (L) - inch		2.05	2.83	3.03	4.41	4.65	6.1	7.87	12.01	11.61	12.8
Spigot Diameter (C) - inch		2.17	2.76	2.95	4.21	4.72	6.5	6.69	10.31	10.04	12.01
Spigot Length (D) - inch		0.79	1.02	1.42	2.13	1.61	2.76	4.09	5.87	5.71	5.83
Spigot Length inc Overhang (E) - inch		1.06	1.4	1.81	2.6	2.15	3.39	4.57	N/A	N/A	N/A
Bolt Fixing Quantity & Size		6 x M5	6 x M6	6 x M8	6 x M10	6 x M12	6 x M16	8 x M20	8 x M20	8 x M24	12 x M24
Fixing Bolt P.C.D. - inch		2.68	3.35	3.62	5.12	5.75	7.87	9.45	12.6	11.81	14.17
Weight Approx (lbs) Un-bored.		2.64	6.25	8.56	21.1	34.76	73.22	-	-	-	-

*Dimensions and specifications may change for improvement without notice.

Type S Wedgegard Units can be supplied fitted with Chainwheel, Pulley or Gear.

Standard Units for release torques up to 1,311,017 in/lb. Torque is adjustable by Wedgepin ratings.

NOTE - Some units may have extra Wedgeslots for increased Torque Capacity, these should only be used in accordance with your drives maximum overload requirements and shaft keyway stresses.

Units S250 to S950 supplied from stock, S1000 to S1600 are built to order, thus dimensions can be adjusted to customer requirements.

Systems to switch off motor automatically must be used for drives with shaft speed above 120 rpm.

For speeds over 500 rpm, please consult Howdon.

All dimensions in mm.