

# LITELINE™

## FINE BORING HEADS & HOLDERS



### **LOW WEIGHT. HIGH PERFORMANCE.**

We would like to introduce you to our range of Liteline fine boring heads and holders. The high strength to weight ratio makes it possible to achieve faster tool changes, quicker spindle acceleration and higher productivity.

What's more, because they are lighter - in some cases over 60% lighter than our classic boring heads - they make it possible to perform boring operations in dimensions where steel assemblies are just too heavy for the tool changer and spindle.

### **LIGHT BUT RIGID**

Liteline fine boring heads and holders have enlarged outer diameters compared to the existing Seco Graflex® Modular system.

They are made from high tensile aluminium but the connection shank remains in steel giving the assemblies that superior rigidity.

Added durability comes as a result of the anti-wear, anti-scratch, anti-corrosion coating and, of course, you'll find it easier and faster to handle due to the reduced weight.

### **LONGER AND LARGER BORING OPERATIONS ON SMALL MACHINES**

Reduced stress on the spindle makes longer horizontal fine boring, using higher cutting data and reliable precision, a simple task. Productivity is further improved by shorter machining time as well as faster tool changes and quicker spindle accelerations related to the lower weight.

# LITELINE RANGE

PART N°	ITEM DESCRIPTION	KG
<b>LITELINE FINE BORING HEADS (BODIES)</b>		
A780 5A L	G5A dia 64-86 mm / 2,52"-3,39"	0,56
A780 6A L	G6A dia 85-115 mm / 3,35"-4,53"	1,19
A780 6B L	G6B dia 114-160 mm / 4,49"-6,30"	1,85
A780 7A L	G7A dia 159-205 mm / 6,26"-8,07"	2,90
<b>INSERT HOLDERS FOR LITELINE FINE BORING HEADS</b>		
A725 50	For A780 5AL (CC06)	0,02
A725 6A	For A780 6AL (CC09)	0,05
A725 6B	For A780 6BL and A780 7AL (CC09)	0,05
<b>LITELINE HOLDERS: ARBORS</b>		
EM9304 401 36A 70	HSK-A63 / G6A 70	1,31
EM9304 401 36B 70	HSK-A63 / G6B 70	2,12
EM9306 401 36A 75	HSK-A100 / G6A 75	2,93
EM9306 401 36B 75	HSK-A100 / G6B 75	4,01
EM9306 401 46A 85	HSK-A100 / G7A 85	4,93
EM2502 401 36A 60	CAT40ADB-US / G6A 60	1,30
EM2502 401 36B 60	CAT40ADB-US / G6B 60	2,01
EM2504 401 36A 45	CAT50ADB-US / G6A 45	2,96
EM2504 401 36B 50	CAT50ADB-US / G6B 50	3,52
EM2504 401 46A 70	CAT50ADB-US / G7A 70	4,80
EM3469 401 36A 60	DIN40ADB / G6A 60	1,34
EM3469 401 36B 60	DIN40ADB / G6B 60	2,06
EM3471 401 36A 45	DIN50ADB / G6A 45	2,96
EM3471 401 36B 50	DIN50ADB / G6B 50	3,66
EM3471 401 46A 60	DIN50ADB / G7A 60	4,24
EM3414 401 36A 55	BT40ADB / G6A 55	1,31
EM3414 401 36B 55	BT40ADB / G6B 55	1,89
EM3416 401 36A 63	BT50ADB / G6A 63	3,97
EM3416 401 36B 63	BT50ADB / G6B 63	4,63
EM3416 401 46A 65	BT50ADB / G7A 65	4,87
C6-391.0401-36A55	Seco-Capto C6 / G6A 55	1,30
C6-391.0401-36B55	Seco-Capto C6 / G6B 55	2,19
C8-391.0401-46A65	Seco-Capto C8 / G7A 65	3,35

To hold Liteline head and intermediates with Graflex size G5A, use existing Graflex arbors with size G5.

PART N°	ITEM DESCRIPTION	KG
<b>LITELINE INTERMEDIATES: EXTENSIONS</b>		
M402 5A5A 060L	G5A x G5A x 60	0,46
M402 5A5A 090L	G5A x G5A x 90	0,67
M402 5A5A 135L	G5A x G5A x 135	0,93
M402 6A6A 080L	G6A x G6A x 80	1,02
M402 6A6A 120L	G6A x G6A x 120	1,42
M402 6A6A 180L	G6A x G6A x 180	2,02
M402 6B6B 100L	G6B x G6B x 100	2,29
M402 6B6B 150L	G6B x G6B x 150	3,35
M402 6B6B 225L	G6B x G6B x 225	4,93
M402 7A7A 120L	G7A x G7A x 120	3,85
M402 7A7A 180L	G7A x G7A x 180	5,68
M402 7A7A 270L	G7A x G7A x 270	8,42
<b>LITELINE INTERMEDIATES: REDUCERS</b>		
M403 6A5A 065L	G6A x G5A	0,78
M403 6B5A 065L	G6B x G5A	1,15
M403 6B6A 075L	G6B x G6A	1,32
M403 7A5A 075L	G7A x G5A	1,86
M403 7A6A 085L	G7A x G6A	2,08
M403 7A6B 095L	G7A x G6B	2,83
<b>LITELINE ADAPTERS:</b> To fit Liteline intermediates and heads onto the existing Graflex arbors and intermediates.		
M402 66A	G6 x G6A	1,38
M402 66B	G6 x G6B	1,91
M403 76B	G7 x G6B	3,24
M402 77A	G7 x G7A	3,73



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