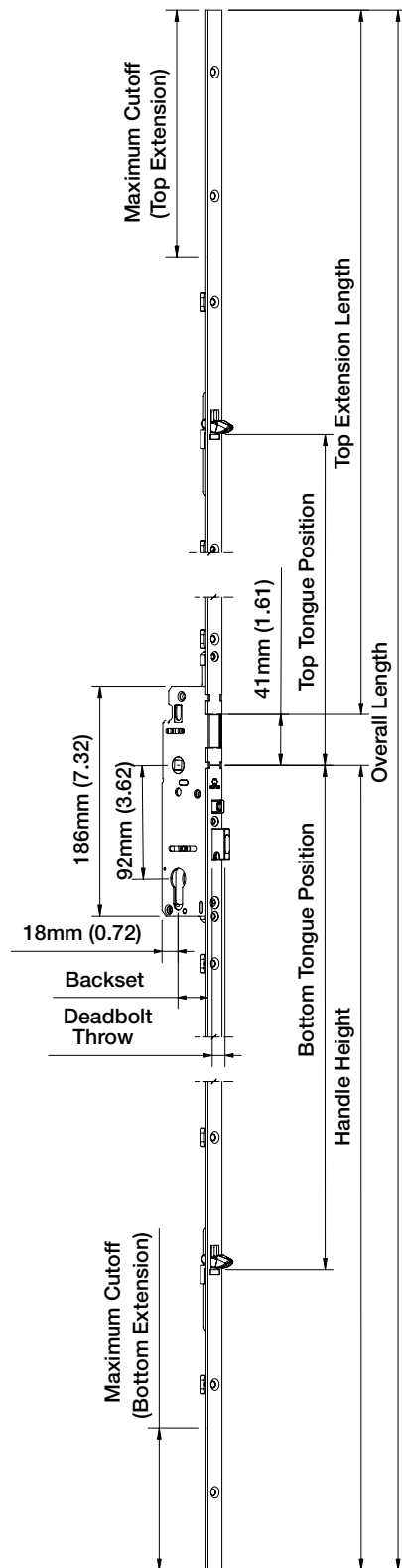
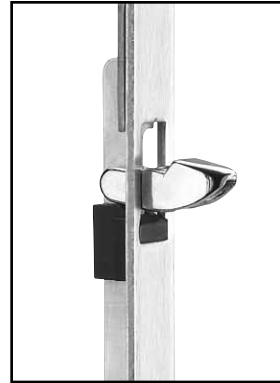


Manual Tongue Version - 16mm Faceplate



MANUAL TONGUE VERSION

While offering security in the locked position, the HLS9000 tongue version retracts when opened giving a smooth clean appearance. Manual version engages multipoint by lifting handle.



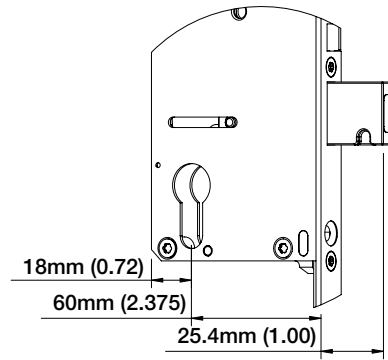
Top Extension

Part Number	Description	Overall Length (with 914mm 36" Handle Height)	Extension Length	Handle to Top of Door	Top Tongue Position	Maximum Cutoff	Number of Screws
8778547	M 1045 TN 743 16S 195	1805mm - 2000mm (71.06 - 78.74)	1045mm (41.14)	1086mm (42.76)	743mm (29.25)	195mm (7.67)	7
8778551	M 1220 TN 743 16S 370	1805mm - 2175mm (71.06 - 85.63)	1220mm (48.03)	1261mm (49.65)	743mm (29.25)	370mm (14.57)	8
8778555	M 1395 TN 945 16S 340	2010mm - 2350mm (79.13 - 92.52)	1395mm (54.92)	1436mm (56.54)	945mm (37.20)	340mm (13.39)	9
8778559	M 1570 TN 945 16S 515	2010mm - 2525mm (79.13 - 99.41)	1570mm (61.81)	1611mm (63.43)	945mm (37.20)	515mm (20.28)	10
8778563	M 1745 TN 1193 16S 445	2255mm - 2700mm (88.78 - 106.30)	1745mm (68.70)	1786mm (70.31)	1193mm (46.97)	445mm (17.52)	10
8778567	M 1920 TN 1594 16S 220	2655mm - 2875mm (104.53 - 113.19)	1920mm (75.59)	1961mm (77.20)	1594mm (62.76)	220mm (8.66)	11
8778571	M 2095 TN 1594 16S 395	2655mm - 3050mm (104.53 - 120.08)	2095mm (82.48)	2136mm (84.09)	1594mm (62.76)	395mm (15.55)	12
8778575	M 2270 TN 1594 16S 570	2655mm - 3225mm (104.53 - 126.97)	2270mm (89.37)	2311mm (90.98)	1594mm (62.76)	570mm (22.44)	13

Gear

Part Number	Description	Backset	Deadbolt Throw	Handle Height	Bottom Tongue Position	Maximum Cutoff	Number of Screws
2423904	M/35/25 914 TN 620 16S 160	35mm (1.38)	14mm (0.55)	914mm (36.00)	620mm (24.41)	160mm (6.30)	6
8779123	M/45/25 914 TN 620 16S 160	45mm (1.77)	25.4mm (1.00)	914mm (36.00)	620mm (24.41)	160mm (6.30)	6
8778171	M/35/14 914 TN 671 16S 115	35mm (1.38)	14mm (0.55)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
8778167	M/45/14 914 TN 671 16S 115	45mm (1.77)	14mm (0.55)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
8778147	M/35/25 914 TN 671 16S 115	35mm (1.38)	25.4mm (1.00)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
8778075	M/45/25 914 TN 671 16S 115	45mm (1.77)	25.4mm (1.00)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
8778159	M/35/14 914 TN 753 16S 30	35mm (1.38)	14mm (0.55)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5
8778183	M/45/14 914 TN 753 16S 30	45mm (1.77)	14mm (0.55)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5
8778143	M/35/25 914 TN 753 16S 30	35mm (1.38)	25.4mm (1.00)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5
8778163	M/45/25 914 TN 753 16S 30	45mm (1.77)	25.4mm (1.00)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5

60mm Backset Gear

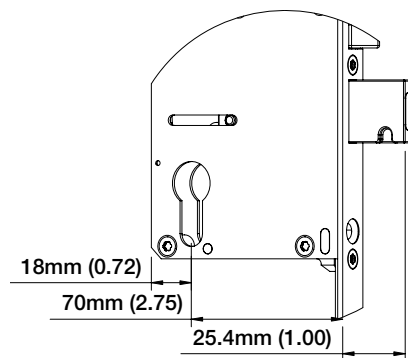


Gear - 60mm Backset

Part Number	Description	Backset	Deadbolt Throw	Handle Height	Bottom Tongue Position	Maximum Cutoff	Number of Screws
2406346	M/60/25 914 TN 620 16S 160	60mm (2.375)	25.4mm (1.00)	914mm (36.00)	620mm (24.41)	160mm (3.60)	6
2406354	M/60/25 914 TN 671 16S 115	60mm (2.375)	25.4mm (1.00)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
2406362	M/60/25 914 TN 753 16S 30	60mm (2.375)	25.4mm (1.00)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5

For Top Extension, please reference the Top Extension chart on the adjacent page.

70mm Backset Gear



Gear - 70mm Backset

Part Number	Description	Backset	Deadbolt Throw	Handle Height	Bottom Tongue Position	Maximum Cutoff	Number of Screws
2406371	M/70/25 914 TN 620 16S 160	70mm (2.75)	25.4mm (1.00)	914mm (36.00)	620mm (24.41)	160mm (3.60)	6
2406389	M/70/25 914 TN 671 16S 115	70mm (2.75)	25.4mm (1.00)	914mm (36.00)	671mm (26.42)	115mm (4.53)	6
2406397	M/70/25 914 TN 753 16S 30	70mm (2.75)	25.4mm (1.00)	914mm (36.00)	753mm (29.65)	30mm (1.18)	5

For Top Extension, please reference the Top Extension chart on the adjacent page.