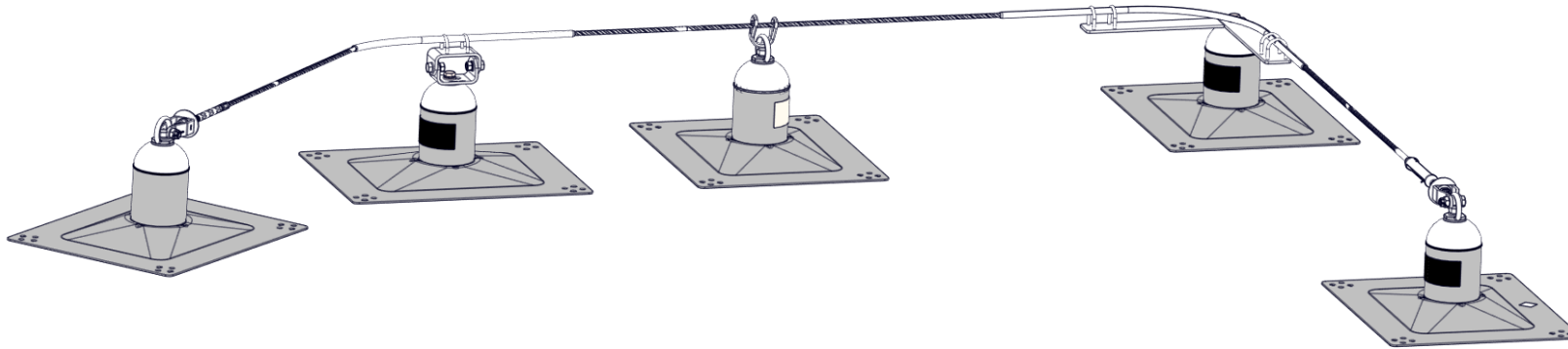


MSA Latchways® Constant Force post systems

Typical system layouts



IMPORTANT

Information is provided for guidance only. The components detailed in this document may be interchanged to achieve the required system design.



WARNING!

All components shall be installed in accordance with the relevant data sheet and in accordance with MSA Latchways® installation instructions.



WARNING!

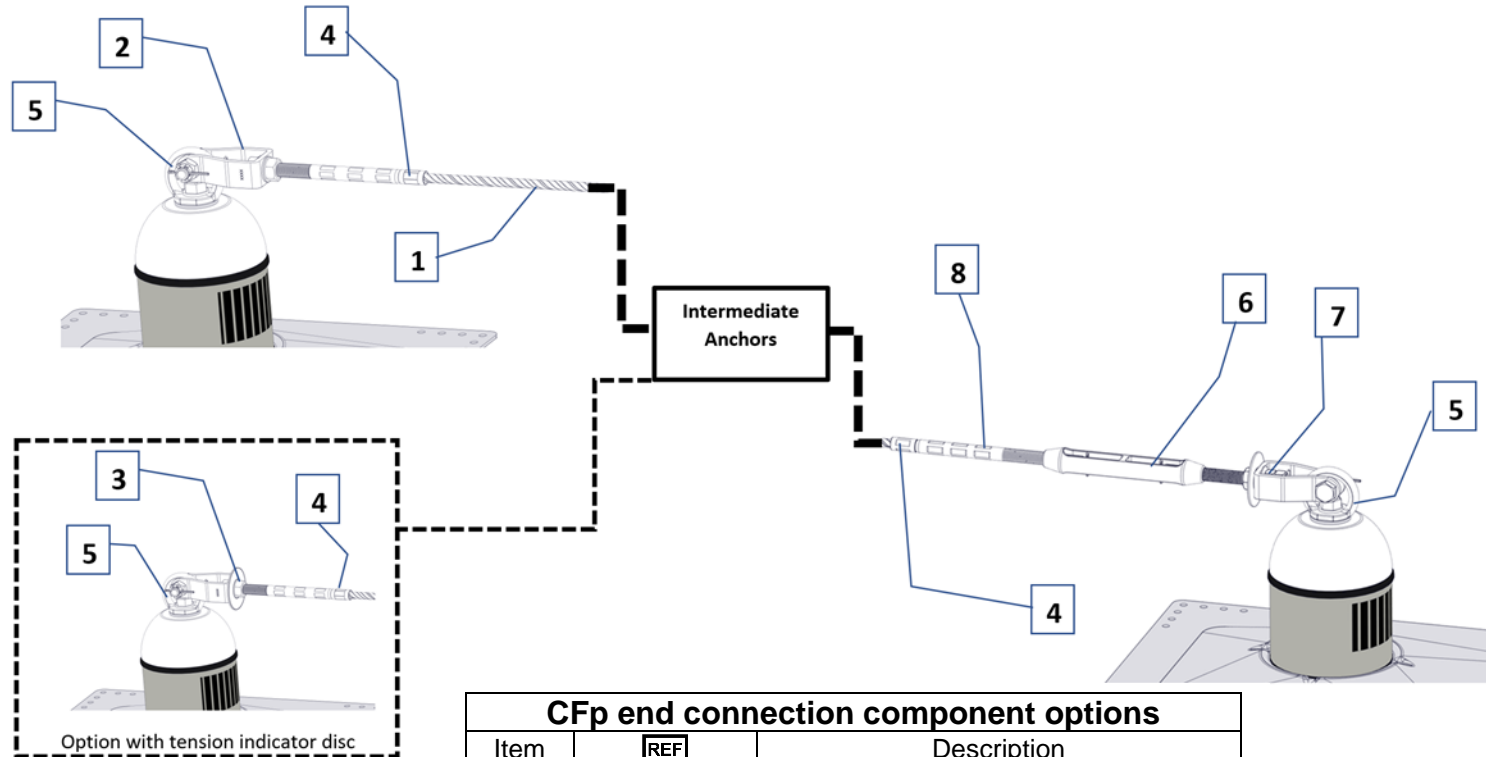
All systems shall be designed using datasheet 90017-98T1 & 90017-98T2 (Constant Force ground clearance requirements)

Latchways® Constant Force post systems

Typical system layouts

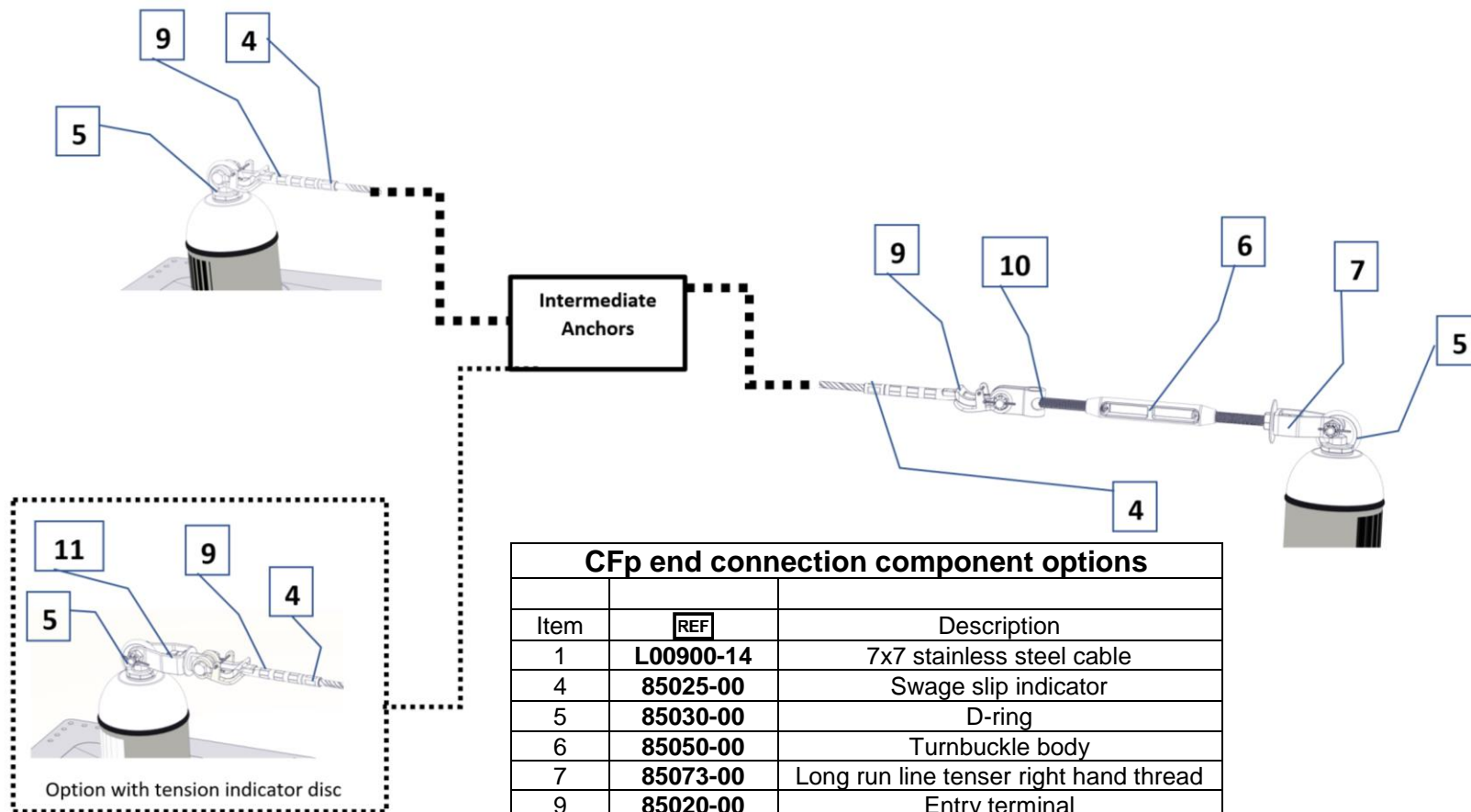


Typical end anchor component configuration suitable for Latchways Removable TransFastener— 85085-00



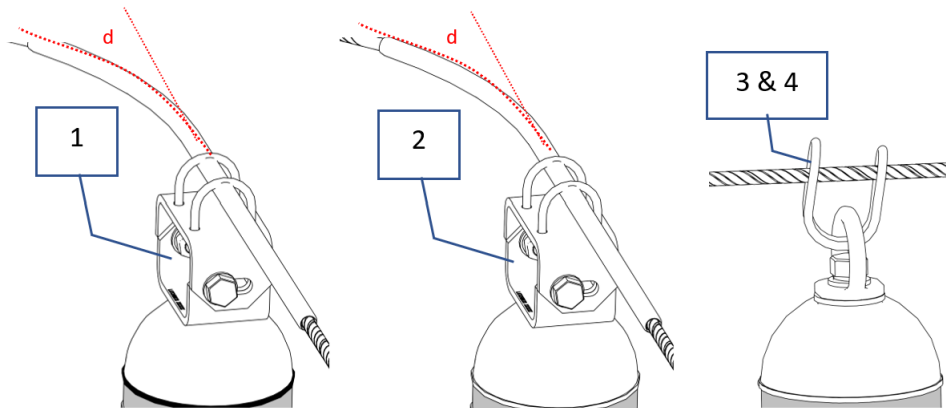
CFp end connection component options		
Item	REF	Description
1	L00900-14	7x7 stainless steel cable
2	85391-00	Swage and clevis unit
3	85390-00	Swage and clevis with line tensor
4	85025-00	Swage slip indicator
5	85030-00	D-ring
6	85050-00	Turnbuckle body
7	85073-00	Long run line tensor
8	85162-00	L/H threaded swage

Typical end anchor component configuration suitable for Latchways Standard TransFastener — 85080-00



CFp end connection component options		
Item	REF	Description
1	L00900-14	7x7 stainless steel cable
4	85025-00	Swage slip indicator
5	85030-00	D-ring
6	85050-00	Turnbuckle body
7	85073-00	Long run line tenser right hand thread
9	85020-00	Entry terminal
10	85056-00	Left hand thread male toggle
11	85071-00	Line tenser (eyelet)

Latchways Constant Force post intermediate anchor options

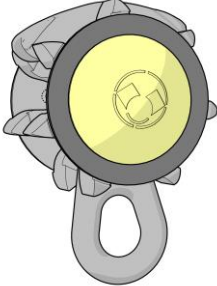



CFp intermediate options		
Item	REF	Description
1	85130-00 + CFp T2 or T1	Deviation $d = > 10^\circ$
2	85130-00 + CFp INT	Deviation $d = < 10^\circ$
3	85030-00	D-ring
4	85041-00	Hanger


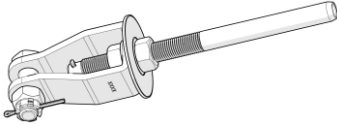

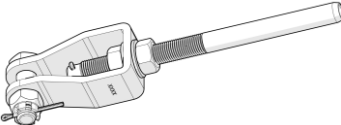

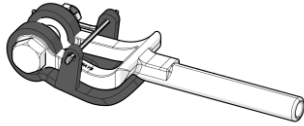

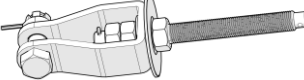

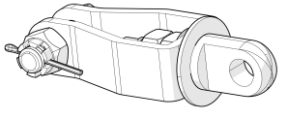
Required hardware for each Latchways Constant Force post

L00400-42 CFp Type 1 & CFp type 2 M12 x 40 mm S/S A4/70 grade hex head set bolt	L00400-13 CFp-00INT M12 S/S A4/70 grade hex head set bolt 30 mm long	L00400-14 CFp-000INT + weathering cap M12 S/S A4/70 grade hex head set bolt 35 mm long	L00200-01 M12 S/S A4/70 grade Form A washer	L00200-36 M12 S/S A4/70 grade spring washer

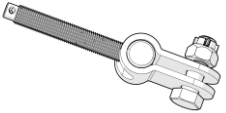
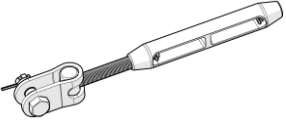
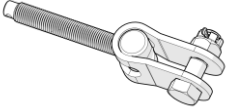
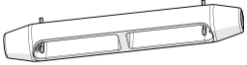
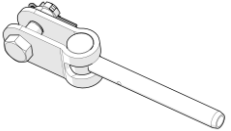
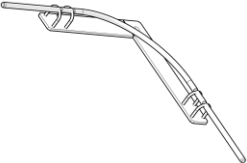
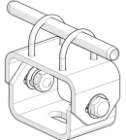

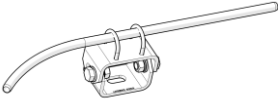
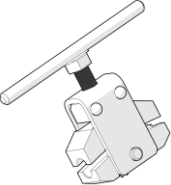
MSA Latchways® Mobile Anchor Points (MAPs)

REF	Description
	<p>85080-00 Latchways Standard TransFastener. Requires an Entry/Exit terminal to be connected to the system.</p>
	<p>85085-00 Latchways Removable TransFastener. Can be connected to a system without the need for an entry/exit terminal.</p>

End anchors, intermediate anchors, system tension and entry exit options

REF	Description	REF	Description
	Threaded swage 85160-00 - Right hand thread 85162-00 - left hand thread (85161-00 - joining swage-no thread)		85390-00 Long run line tensor swaged
	85025-00 Swage slip indicator.		85391-00 Yoke end anchor connection swaged
	85030-00 D-Ring. Used for intermediate connections.		85020-00 Entry/Exit terminal. Allows the Standard TransFastener to be inserted/removed from the cable.
	85041-00 Hangers. Used for intermediate connections.		85073-00 Long run line tensor right hand threaded.
	85048-00Y Articulating D-Ring.		85071-00 Long run line tensor eyelet connection.

End anchors, intermediate anchors, system tension and entry exit options continued

REF	Description	REF	Description
	Male toggle 85056-00 Left hand thread 85054-00 Right hand thread		Turnbuckle and left hand threaded toggle 85052-00 Male toggle 85051-00 Female toggle
	Female toggle 85055-00 Left hand thread 85053-00 Right hand thread		85050-00 Turnbuckle body
	85057-00 Female swage toggle		65012-00 One piece 90° corner, (M12 fixing hole)
	85060-00 Intermediate tube cable guide. (may be used as a straight intermediate guide)		85061-00 90° corner tube guide (for use between 2 x 85060-00 intermediate tube cable guides)
	85130-00 variable corner tube cable guide		85170-00 Bending tool. (used to form bends in variable corner guide tubes)

Revision history

Reference	Date issued	Revision
RFEA7515	Aug-2021	-06