

Spherical Anchors type 850



European technical assessment: Part of ETA-11/0160.

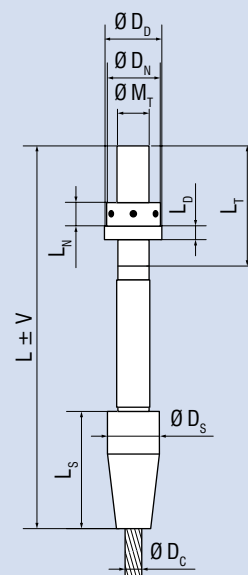
Design: Length of the threaded rod have to be defined by the customer!

Subject to technical modifications!

Technical details: Dimensions without corrosion protection!

Total weight without potting material.

Socketing according to technical approval ETA-11/0160



Size			PV 40	PV 60	PV 90	PV 115	PV 150	PV 195	PV 240	PV 300	PV 360	PV 420	PV 490	PV 560	PV 640
Total length	L	mm	632	730	839	943	943	1042	1142	1256	1352	1455	1566	1655	1768
Take-up	V	mm	± 100	± 100	± 101	± 101	± 101	± 102	± 103	± 103	± 104	± 106	± 107	± 109	± 110
Total weight		kg	10.3	18	30.7	46.1	46.1	65	89	124	164	209	262	325	391

Threaded Rods

Corrosion protection: Zink/Nickel-coated

Diameter outer thread	Ø M _T	mm	42	52	64	75	75	85	95	108	118	128	140	150	160
Length outer thread	L _T	mm	271	289	307	327	327	346	357	378	394	413	436	445	479
Pitch outer thread		mm	3	3	4	4	4	4	4	4	4	4	4	4	4

Sockets

Corrosion protection: hot-dip galvanized

Total length	L _S	mm	165	200	235	270	270	305	350	385	420	460	495	530	565
Outer diameter	Ø D _S	mm	80	95	110	125	125	140	155	170	185	205	220	235	250
Pitch inner thread		mm	3	3	4	4	4	4	4	4	4	4	4	4	4

Spherical Nuts

Corrosion protection: hot-dip galvanized

Length	L _N	mm	38	47	58	68	68	77	86	98	107	116	126	135	144
Outer diameter	Ø D _N	mm	70	90	110	125	125	140	160	180	200	215	230	250	265

Spherical Disks

Corrosion protection: hot-dip galvanized

Length	L _D	mm	19	24	29	34	34	39	43	49	54	58	63	68	72
Outer diameter	Ø D _D	mm	75	95	115	135	135	155	170	195	215	230	250	270	290

Full locked Cables

Nomin. strand diameter	Ø D _C	mm	21	26	31	35	40	45	50	55	60	65	70	75	80
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Size			PV 720	PV 810	PV 910	PV 1010	PV 1110	PV 1220	PV 1340	PV 1450	PV 1580	PV 1730	PV 1860	PV 2000	
Total length	L	mm	1871	1996	2088	2192	2294	2404	2501	2599	2749	2848	2958	3057	
Take-up	V	mm	± 112	± 114	± 116	± 117	± 119	± 121	± 123	± 125	± 129	± 131	± 134	± 136	
Total weight		kg	471	573	669	772	897	1031	1172	1337	1582	1784	1964	2180	

Threaded Rods

Corrosion protection: Zink/Nickel-coated

Diameter outer thread	Ø M _T	mm	172	185	195	205	215	225	235	245	260	270	280	290	
Length outer thread	L _T	mm	493	509	522	546	558	584	597	610	654	668	694	708	
Pitch outer thread		mm	4	6	6	6	6	6	6	6	6	6	6	6	

Sockets

Corrosion protection: hot-dip galvanized

Total length	L _S	mm	600	645	680	715	760	800	840	880	920	960	1000	1040	
Outer diameter	Ø D _S	mm	265	280	295	310	330	345	360	380	395	410	425	440	
Pitch inner thread		mm	4	6	6	6	6	6	6	6	6	6	6	6	

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Size			PV 720	PV 810	PV 910	PV 1010	PV 1110	PV 1220	PV 1340	PV 1450	PV 1580	PV 1730	PV 1860	PV 2000	
Spherical Nuts															
Corrosion protection: hot-dip galvanized															
Length	L_N	mm	155	167	176	185	194	203	212	221	234	243	252	261	
Outer diameter	$\varnothing D_N$	mm	285	305	320	340	355	370	385	405	430	445	460	480	
Spherical Disks															
Corrosion protection: hot-dip galvanized															
Length	L_D	mm	78	84	88	93	97	102	106	111	117	122	126	131	
Outer diameter	$\varnothing D_D$	mm	310	335	350	370	385	405	425	440	470	485	505	520	
Full locked Cables															
Nomin. strand diameter	$\varnothing D_C$	mm	85	90	95	100	105	110	115	120	125	130	135	140	