

**DECLARATION OF PERFORMANCE**  
**DoP no. 0549Z/2018/WKS,WKF,WKFT**

**1. Unique product identification code:**

WKS (H) 3,5 x L, WKS (H) PROTECT 3,5 x L, WKS (H) 4,2 x L, WKS (H) PROTECT 4,2 x L, WKS (H) 4,8 x L, WKS (H) PROTECT 4,8 x L, WKS (H) 5,5-6 x L, WKS (H) PROTECT 5,5-6 x L, WKS (H) PROTECT SH6 5,5-6 x L, WKS (H) 6,3 x L, WKS (H) PROTECT 6,3 x L, WKS (H) 5,5-8 x L, WKS (H) PROTECT 5,5-8 x L, WKS (H) 5,5-12 x L, WKS (H) PROTECT 5,5-12 x L, WKS (H) SH12 5,5-6 x L, WKS (H) PROTECT SH12 5,5-6 x L, WKS (H) 5,5-15 x L, WKS (H) PROTECT 5,5-15 x L, WKS (HS4) 4,2 x L, WKS (HS4) 4,8 x L, WKS (HS4) 5,5 x L, WKS (HS2) 5,5-6 x L, WKS (HS2) 5,5-12 x L, WKS TB (H) 6,3 x L, WKS TB (H) PROTECT 6,3 x L, WKS TB (HS3) 6,3 x L, WKF (H) 4,8 x L, WKF (H-GW) 4,8 x L, WKF (H) 6,3 x L, WKF (H) PROTECT 6,3 x L, WKF (HS3H-GW) 6,3 x L, WKF (HS3H) 6,3 x L, WKF (H-GW) 6,3 x L, WKF (H-GW) PROTECT 6,3 x L, WKF (H) 6,5 x L, WKF (H-GW) 6,5 x L, WKF (HS3H) 4,8 x L, WKF (HS3H-GW) 4,8 x L, WKF (HS4) 4,8 x L, WKF (HS4-GW) 4,8 x L, WKFT (H) 4,8 x L, WKFT (HS2) 4,8 x L

**2. Intended use or uses:**

The fastening screws are intended to be used for fastening steel sheeting to steel or timber supporting substructures. According to point 2 and the Annexes 1 to 48 of ETA-13/0817.

The component to be fastened is component I and the supporting structure is component II. The sheeting can either be used as wall or roof cladding or as load bearing wall and roof element. The fastening screws can also be used for the fastening of any other thin gauge steel members. The intended use comprises fastening screws and connections for indoor and outdoor applications. Fastening screws which are intended to be used in external environments with  $\geq$  C2 corrosion according to the standard EN ISO 12944-2 are made of stainless steel. Furthermore the intended use comprises connections with predominantly static loads (e.g. wind loads, dead loads).

**3. Manufacturer:** P.H. „HAMAR” Sp. J. B. i H. Grzesiak, ul. Hutnicza 7, 81-061 Gdynia, Poland

**4. Authorized representative:** NA

**5. System or systems of assessment and verification of constancy of performance:**

System 2+

**6. European Technical Assessment:** ETA-13/0817 issued dated 29.06.2018

**Technical Assessment Body:** Instytut Techniki Budowlanej, ul. Filtrowa 1, 00-611 Warszawa

**Notified body:** Notified body no. 1488

Factory Production Control Certificate 1488-CPR-0549/Z

**7. Declared performance:**

Essentials characteristic			Performance
Characteristic shear resistance $V_{R,k}$ [kN], supporting structure: steel S280GD, S320GD, S350GD according to EN 10346 or structural timber of class $\geq 24$ according to EN 14081			See ETA-13/0817 of 29/06/2018
Characteristic tension resistance $N_{R,k}$ [kN] supporting structure: steel S280GD, S320GD, S350GD according to EN 10346 or structural timber of class $\geq 24$ according to EN 14081			
No	Screw	Material	Annex
1	WKS (H) 3,5 x L	Galvanized carbon steel	1
2	WKS (H) PROTECT 3,5 x L	Galvanized carbon steel with PROTECT coating	1
3	WKS (H) 4,2 x L	Galvanized carbon steel	2
4	WKS (H) PROTECT 4,2 x L	Galvanized carbon steel with PROTECT coating	2
5	WKS (H) 4,8 x L	Galvanized carbon steel	3, 4
6	WKS (H) PROTECT 4,8 x L	Galvanized carbon steel with PROTECT coating	3, 4
7	WKS (H) 5,5-6 x L	Galvanized carbon steel	5, 6
8	WKS (H) PROTECT 5,5-6 x L	Galvanized carbon steel with PROTECT coating	5, 6
9	WKS (H) PROTECT SH6 5,5-6 x L	Galvanized carbon steel with PROTECT coating	7
10	WKS (H) 6,3	Galvanized carbon steel	8, 9
11	WKS (H) PROTECT 6,3 x L	Galvanized carbon steel with PROTECT coating	8, 9
12	WKS (H) 5,5-8 x L	Galvanized carbon steel	10, 11
13	WKS (H) PROTECT 5,5-8 x L	Galvanized carbon steel with PROTECT coating	10, 11
14	WKS (H) 5,5-12 x L	Galvanized carbon steel	12, 13
15	WKS (H) PROTECT 5,5-12 x L	Galvanized carbon steel with PROTECT coating	12, 13
16	WKS (H) SH12 5,5-12 x L	Galvanized carbon steel	14
17	WKS (H) PROTECT SH12 5,5-12 x L	Galvanized carbon steel with PROTECT coating	14
18	WKS (H) 5,5-15 x L	Galvanized carbon steel	15, 16
19	WKS (H) PROTECT 5,5-15 x L	Galvanized carbon steel with PROTECT coating	15, 16
20	WKS (HS4) 4,2 x L	Stainless steel	17
21	WKS (HS4) 4,8 x L	Stainless steel	18, 19
22	WKS (HS4) 5,5 x L	Stainless steel	20, 21
23	WKS (HS2) 5,5-6 x L	Stainless steel	22, 23
24	WKS (HS2) 5,5-12 x L	Stainless steel	24, 25
25	WKS (HS2) 5,5-12 x L	Stainless steel	25
26	WKS TB (H) 6,3 x L	Galvanized carbon steel	26
27	WKS TB (H) PROTECT 6,3 x L	Galvanized carbon steel with PROTECT coating	26
28	WKS TB (HS3) 6,3 x L	Stainless steel	27
29	WKF (H) 4,8 x L	Galvanized carbon steel	28, 29
30	WKF (H-GW) 4,8 x L	Galvanized carbon steel	30, 31
31	WKF (H) 6,3 x L	Galvanized carbon steel	32
32	WKF (H) PROTECT 6,3 x L	Galvanized carbon steel with PROTECT coating	32
33	WKF (HS3H-GW) 6,3 x L	Stainless steel	33
34	WKF (HS3H) 6,3 x L	Stainless steel	34
35	WKF (H-GW) 6,3 x L	Galvanized carbon steel	35
36	WKF (H-GW) PROTECT 6,3 x L	Galvanized carbon steel with PROTECT coating	35
37	WKF (H) 6,5 x L	Galvanized carbon steel	36, 37
38	WKF (H-GW) 6,5 x L	Galvanized carbon steel	38
39	WKF (HS3H) 4,8 x L	Stainless steel	39
40	WKF (HS3H-GW) 4,8 x L	Stainless steel	40, 41
41	WKF (HS4) 4,8 x L	Stainless steel	42
42	WKF (HS4-GW) 4,8 x L	Stainless steel	43, 44
43	WKFT (H) 4,8 x L	Galvanized carbon steel	45, 46
44	WKFT (HS2) 4,8 x L	Stainless steel (bi-metal)	47, 48

 Harmonized Technical Specification  
 ETA-13/0817 of 29/06/2018

**8. Relevant technical documentation or specific technical documentation:** European Assessment Document (EAD) 330046-01-0602 "Fastening screws for metal members and sheeting", European Technical Assessment ETA-13/0817 issued 29.06.2018.

**The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.**

Signed for and on behalf of the manufacturer by:

Bogusław Grzesiak – partner

Gdynia 23.07.2018

  
[signature]