

**Supplement to the Technical Delivery Specification for Screws and requirements profile for technical screws at
Erich Schlemper GmbH & Co. KG**

Screw designation	Drawing no. / ident. no.	Index	Material allocation	Material				Case-hardened	Surface	Documents required						
										Material certificate with verification of chemical and mechanical setpoint and actual values	Audit trail of Fa.Erich Schlemper with all actual values after submission	Hardness test certificate with setpoint and actual values	Surface certificate with details of setpoint values and verification of required part-processes such as layer thickness / tempering / passivation / pickled and passivated			
													Layer thickness	Tempering process against hydrogen embrittlement	pickled and passivated (non-corrosive)	Galvanic process of pasivation + coating (Galvanisation)
HXW 1002	03-HXW1002-1000-09	09	Stahl	1.5530		AISI 1022	AISI 1018	680 HV1 edt 0.1-0.2 mm	Fe//Zn8//An//T2	yes	yes	yes	yes	yes	no	yes
HXW 1003	03-HXW1003-1000-07	07	Stahl	1.5530		AISI 1022	AISI 1018	680 HV1 edt 0.1-0.2 mm	Fe//Zn8//An//T2	yes	yes	yes	yes	yes	no	yes
HXW 1006	03-HXW1006-1000-07	07	Stahl	1.5530		AISI 1022	AISI 1018	no	Fe//Zn8//An//T2	yes	yes	no	yes	no	no	yes
HXW 1028	03-HXW1028-1000-08	08	Stahl	1.5530		AISI 1022	AISI 1018	680 HV1 edt 0.1-0.2 mm	Fe//Zn8//An//T2	yes	yes	yes	yes	yes	no	yes
HXW 1030	03-HXW1030-1000-07	07	Stahl	1.5530		AISI 1022	AISI 1018	680 HV1 edt 0.1-0.2 mm	Fe//Zn8//An//T2	yes	yes	yes	yes	yes	no	yes
HXW 1031	03-HXW1031-1000-07	07	Stahl	1.5530		AISI 1022	AISI 1018	680 HV1 edt 0.1-0.2 mm	Fe//Zn8//An//T2	yes	yes	yes	yes	yes	no	yes
IEW 5001	03-IEW5001-1000-07	07	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5005	03-IEW5005-1000-07	07	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5006	03-IEW5006-1000-07	07	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5007	03-IEW5007-1000-02	02	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5017	03-IEW5017-1000-06	06	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5018	03-IEW5018-1000-05	05	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5019	03-IEW5019-1000-07	07	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
IEW 5020	03-IEW5020-1000-07	07	non-corrosive	1.4567			AISI 304 Cu	no	no	yes	yes	no	no	no	yes	no
IEW 5021	03-IEW5021-1000-02	02	non-corrosive	1.4567		1.4578	AISI 304 Cu	no	no	yes	yes	no	no	no	yes	no
IEW 5096	03-IEW5096-1000-05	05	non-corrosive	1.4404	1.4571	1.4578	AISI 316	no	no	yes	yes	no	no	no	yes	no
MAW 1001	03-MAW1001-1000-03	03	Steel	1.0718				no	Fe//Zn8//An//T2	yes	yes	no	yes	no	no	yes
MAW 1002	03-MAW1002-1000-03	03	Steel	1.0718				no	Fe//Zn8//An//T2	yes	yes	no	yes	no	no	yes
MAW 5001	03-MAW5001-1000-04	04	non-corrosive	1.4305		1.4578	AISI 303	no	no	yes	yes	no	no	no	yes	no
MAW 5002	03-MAW5002-1000-04	04	non-corrosive	1.4305		1.4578	AISI 303	no	no	yes	yes	no	no	no	yes	no



As of 20.03.2019

No comparable AISI material defined
No alternative material defined