

DP0281.01.01EN

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU.

Hoenderdaal Fasteners bv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

1. Unique identification code of the product-type:

0281.01

2. Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See annex 1 to this document

3. Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:

Type	Universal screws zinc plated flathead torx
Product range	Diameter: 2,5 / 3,0 / 3,5 / 4,0 / 4,5 / 5,0 / 6,0 mm Length: 12 - 200 mm
Material	Carbonsteel plus AISI C1022 SI (hardened)
Corrosion protection	Zinc plated, minimum 5µm above class 24
Service class	Service class 1 according to EN 1995-1-1
Fire resistance	NPD
Reaction to fire	Classification A1 according to EN13501-1
Intended use	Self-tapping screws for use in timber structures

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):

Hoenderdaal Fasteners bv – Wageningse laan 18 – 3903 LA Veenendaal – The Netherlands

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):

Not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized

Standard **NEN-EN 14592:2008+A1:2012**
Performed by **SHR NB1686**
 Nieuwe Kanaal 9c
 6709 PA Wageningen
 The Netherlands
Under systeem **3**
And issued **Initial type test reportcode 11.0787**

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

Not relevant

9. Declared performance:

Essential characteristics	Design Method	Ø 2,5	Ø 3,0	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	Harmonised technical specifications
MECHANICAL STRENGTH AND STIFFNESS		Spruce 450 kg/m3 WMC 13%								NEN EN-14592 2008+A1:2012
a) Characteristics yield moment $M_{y,k}$ [Nmm]	accordance with EN 409	NPD	NPD	NPD	4704	5544	6840	NPD	NPD	
b) Characteristics withdrawal parameter	accordance with EN 1382	NPD	NPD	NPD	18,5	19,8	18	NPD	NPD	
Wood Density:										
c) Characteristics head pull-through parameter [N/mm ²]	EN 1383	NPD	NPD	NPD	42,5	38,4	28,9	NPD	NPD	
Wood density:	EN 314 class 3	Okoume plywood, 18mm, 525 kg/m3								
d) Characteristics tensile capacity $f_{tens,k}$ [kN]	accordance with EN 1383:1999	NPD	NPD	NPD	385,7	407,8	385,2	NPD	NPD	
e) Characteristics torsional ratio:	accordance with EN ISO 10666:1999	NPD	1,6	2,4	3,1	4	5,8	9,6	NPD	
Wood Density:		Spruce 450 kg/m3 WMC 13%								
DURABILITY	accordance with EN 1995-1-1 ISO 2081	Service class 1 - Zinc plated, minimum 5µm above class 24								

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Bart Veldhuizen
Product Manager

Veenendaal
04-11-2015

Company stamp

Hoenderdaal Fasteners B.V.
Wageningselaan 18
3903 LA VEENENDAAL
Tel.: 0318-539711
Fax: 0318-515418

ANNEX 1

Article-number	EAN-number	Description	D	L	B	H	Packing	Outercarton
0281.01.12700	8712811793249	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3X16 LOS	3,0	16	TX-10	6,0	30.000	
0281.01.12701	8712811154309	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3.0X16	3,0	16	TX-10	6,0	200	28.800
0281.01.13000	8712811793317	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3X20 LOS	3,0	20	TX-10	6,0	25.000	
0281.01.13001	8712811154378	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3.0X20	3,0	20	TX-10	6,0	200	28.800
0281.01.13100	8712811793386	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3X25 LOS	3,0	25	TX-10	6,0	18.000	
0281.01.13101	8712811154446	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3.0X25	3,0	25	TX-10	6,0	200	12.000
0281.01.13200	8712811793454	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3X30 LOS	3,0	30	TX-10	6,0	12.000	
0281.01.13201	8712811154514	DYNAPLUS SPAANPLSCHR.T10 PK.VZ. 3.0X30	3,0	30	TX-10	6,0	200	12.000
0281.01.16700	8712811758033	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X16 LOS	3,5	16	TX-15	7,0	1	
0281.01.16701	8717472980809	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X16	3,5	16	TX-15	7,0	200	12.000
0281.01.16703	8712811765604	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X16 GROOTVERP.	3,5	16	TX-15	7,0	1.000	24.000
0281.01.17000	8712811317513	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X20 LOS	3,5	20	TX-15	7,0	20.000	
0281.01.17001	8717472980816	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X20	3,5	20	TX-15	7,0	200	12.000
0281.01.17003	8712811765673	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X20 GROOTVERP.	3,5	20	TX-15	7,0	1.000	12.000
0281.01.17100	8712811317582	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X25 LOS	3,5	25	TX-15	7,0	15.000	
0281.01.17101	8717472980823	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X25	3,5	25	TX-15	7,0	200	12.000
0281.01.17103	8712811765741	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X25 GROOTVERP.	3,5	25	TX-15	7,0	1.000	12.000
0281.01.17200	8712811317650	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X30 LOS	3,5	30	TX-15	7,0	10.000	
0281.01.17201	8717472980830	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X30	3,5	30	TX-15	7,0	200	12.000
0281.01.17203	8712811765819	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X30 GROOTVERP.	3,5	35	TX-15	7,0	1.000	8.000
0281.01.17401	8717472980847	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X35	3,5	35	TX-15	7,0	200	9.600
0281.01.17403	8712811765888	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X35 GROOTVERP.	3,5	35	TX-15	7,0	1.000	8.000
0281.01.17410	8712811143525	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X35/24 LOS	3,5	35/24	TX-15	7,0	8.000	
0281.01.17600	8712811317728	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X40 LOS	3,5	40	TX-15	7,0	7.000	
0281.01.17601	8717472980854	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X40	3,5	40	TX-15	7,0	200	6.000
0281.01.17602	8717472989444	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X40/24	3,5	40/24	TX-15	7,0	200	6.000
0281.01.17603	8712811765956	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X40 GROOTVERP.	3,5	40	TX-15	7,0	500	6.000
0281.01.17610	8712811143594	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X40/24 LOS	3,5	40/24	TX-15	7,0	7.000	
0281.01.17801	8717472980861	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X45	3,5	45	TX-15	7,0	200	6.000
0281.01.17802	8717472989451	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X45/30	3,5	45/30	TX-15	7,0	200	6.000
0281.01.17803	8712811766021	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X45 GROOTVERP.	3,5	45	TX-15	7,0	500	6.000
0281.01.17901	8717472980878	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X50	3,5	50	TX-15	7,0	200	4.800
0281.01.17902	8717472989468	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X50/30	3,5	50/30	TX-15	7,0	200	4.800
0281.01.17903	8712811766090	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X50 GROOTVERP.	3,5	50	TX-15	7,0	500	4.000
0281.01.17910	8712811143662	DYNAPLUS SPAANPLSCHR.T15 PK.VZ. 3.5X50/30 LOS	3,5	50/30	TX-15	7,0	5.000	
0281.01.24701	8717472980892	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X16	4,0	16	TX-20	8,0	200	12.000
0281.01.24703	8712811766168	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X16 GROOTVERP.	4,0	16	TX-20	8,0	1.000	24.000
0281.01.25000	8712811317797	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X20 LOS	4,0	20	TX-20	8,0	12.000	
0281.01.25001	8717472980908	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X20	4,0	20	TX-20	8,0	200	12.000
0281.01.25003	8712811766236	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X20 GROOTVERP.	4,0	20	TX-20	8,0	1.000	12.000
0281.01.25100	8712811317933	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X25 LOS	4,0	25	TX-20	8,0	10.000	
0281.01.25101	8717472980915	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X25	4,0	25	TX-20	8,0	200	9.600
0281.01.25103	8712811766304	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X25 GROOTVERP.	4,0	25	TX-20	8,0	1.000	8.000
0281.01.25200	8717472983947	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X30 LOS	4,0	30	TX-20	8,0	8.000	
0281.01.25201	8717472980922	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X30	4,0	30	TX-20	8,0	200	9.600
0281.01.25202	8712811142245	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X30/18	4,0	30/18	TX-20	8,0	200	9.600
0281.01.25203	8712811766373	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X30 GROOTVERP.	4,0	30	TX-20	8,0	1.000	8.000

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0281.01.25400	8717472983954	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X35 LOS	4,0	35	TX-20	8,0	7.000	
0281.01.25401	8717472980939	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X35	4,0	35	TX-20	8,0	200	6.000
0281.01.25402	8712811142313	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X35/24	4,0	35/24	TX-20	8,0	200	6.000
0281.01.25403	8712811766441	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X35 GROOTVERP.	4,0	35	TX-20	8,0	1.000	6.000
0281.01.25410	8712811143730	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X35/24 LOS	4,0	35/24	TX-20	8,0	7.000	
0281.01.25600	8717472983961	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40 LOS	4,0	40	TX-20	8,0	6.000	
0281.01.25601	8717472980946	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40	4,0	40	TX-20	8,0	200	4.800
0281.01.25602	8717472989475	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40/24	4,0	40/24	TX-20	8,0	200	4.800
0281.01.25603	8712811766519	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40 GROOTVERP.	4,0	40	TX-20	8,0	500	4.000
0281.01.25610	8712811143808	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40/24 LOS	4,0	40/24	TX-20	8,0	6.000	
0281.01.25800	8717472983978	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X45 LOS	4,0	45	TX-20	8,0	5.000	
0281.01.25801	8717472980953	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X45	4,0	45	TX-20	8,0	200	4.800
0281.01.25802	8717472989482	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X45/30	4,0	45/30	TX-20	8,0	200	4.800
0281.01.25803	8712811766588	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X45 GROOTVERP.	4,0	45	TX-20	8,0	500	3.000
0281.01.25900	8717472983985	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50 LOS	4,0	50	TX-20	8,0	4.000	
0281.01.25901	8717472980960	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50	4,0	50	TX-20	8,0	200	4.800
0281.01.25902	8717472989499	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50/30	4,0	50/30	TX-20	8,0	200	4.800
0281.01.25903	8712811766656	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50 GROOTVERP.	4,0	50	TX-20	8,0	500	3.000
0281.01.25910	8712811143877	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50/30 LOS	4,0	50/30	TX-20	8,0	4.000	
0281.01.26000	8717472983992	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X60/35 LOS	4,0	60/35	TX-20	8,0	3.000	
0281.01.26001	8717472980977	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X60/35	4,0	60/35	TX-20	8,0	200	3.600
0281.01.26201	8717472980984	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X70/42	4,0	70/42	TX-20	8,0	200	2.400
0281.01.33001	8717472981004	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X20	4,5	20	TX-25	9,0	200	12.000
0281.01.33101	8717472981011	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X25	4,5	25	TX-25	9,0	200	9.600
0281.01.33201	8717472981028	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X30	4,5	30	TX-25	9,0	200	6.000
0281.01.33401	8717472981035	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X35	4,5	35	TX-25	9,0	200	6.000
0281.01.33410	8712811143945	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X35/24 LOS	4,5	35/24	TX-25	9,0	6.000	
0281.01.33600	8717472984005	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X40 LOS	4,5	40	TX-25	9,0	5.000	
0281.01.33601	8717472981042	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X40	4,5	40	TX-25	9,0	200	4.800
0281.01.33602	8717472989505	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X40/24	4,5	40/24	TX-25	9,0	200	4.800
0281.01.33610	8712811144010	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X40/24 LOS	4,5	40/24	TX-25	9,0	5.000	
0281.01.33801	8717472981059	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X45	4,5	45	TX-25	9,0	200	4.800
0281.01.33802	8717472989512	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X45/30	4,5	45/30	TX-25	9,0	200	4.800
0281.01.33900	8717472984012	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X50 LOS	4,5	50	TX-25	9,0	3.000	
0281.01.33901	8717472981066	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X50	4,5	50	TX-25	9,0	200	3.600
0281.01.33902	8717472989529	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X50/30	4,5	50/30	TX-25	9,0	200	3.600
0281.01.33910	8712811144089	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X50/30 LOS	4,5	50/30	TX-25	9,0	3.000	
0281.01.34000	8717472984029	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X60/35 LOS	4,5	60/35	TX-25	9,0	2.500	
0281.01.34001	8717472981073	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X60/35	4,5	60/35	TX-25	9,0	200	2.400
0281.01.34201	8717472981080	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X70/42	4,5	70/42	TX-25	9,0	200	2.400
0281.01.34401	8717472981097	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X80/50	4,5	80/50	TX-25	9,0	200	2.400
0281.01.41001	8717472981110	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X20	5,0	20	TX-25	10,0	200	9.600
0281.01.41101	8717472981127	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X25	5,0	25	TX-25	10,0	200	9.600
0281.01.41201	8717472981134	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X30	5,0	30	TX-25	10,0	200	6.000
0281.01.41401	8717472981141	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X35	5,0	35	TX-25	10,0	200	4.800
0281.01.41410	8712811144157	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X35/24 LOS	5,0	35/24	TX-25	10,0	5.000	
0281.01.41600	8717472984036	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X40 LOS	5,0	40	TX-25	10,0	4.000	

Article number	EAN-number	Description	D	L	B	H	Packing	Outer carton
0281.01.41601	8717472981158	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X40	5,0	40	TX-25	10,0	200	3.600
0281.01.41602	8717472989536	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X40/24	5,0	40/24	TX-25	10,0	200	3.600
0281.01.41610	8712811144225	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X40/24 LOS	5,0	40/24	TX-25	10,0	4.000	
0281.01.41801	8717472981165	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X45	5,0	45	TX-25	10,0	200	3.600
0281.01.41802	8717472989543	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X45/30	5,0	45/30	TX-25	10,0	200	3.600
0281.01.41900	8717472984043	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X50 LOS	5,0	50	TX-25	10,0	3.000	
0281.01.41901	8717472981172	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X50	5,0	50	TX-25	10,0	200	3.600
0281.01.41902	8717472989550	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X50/30	5,0	50/30	TX-25	10,0	200	3.600
0281.01.41910	8712811144294	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X50/30 LOS	5,0	50/30	TX-25	10,0	3.000	
0281.01.42000	8717472984050	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X60/35 LOS	5,0	60/35	TX-25	10,0	2.000	
0281.01.42001	8717472981196	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X60/35	5,0	60/35	TX-25	10,0	200	2.400
0281.01.42200	8717472984067	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X70/42 LOS	5,0	70/42	TX-25	10,0	1.800	
0281.01.42201	8717472981202	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X70/42	5,0	70/42	TX-25	10,0	200	2.400
0281.01.42204	8717472989123	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X70(100)	5,0	70/42	TX-25	10,0	100	1.200
0281.01.42400	8717472984074	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X80/50 LOS	5,0	80/50	TX-25	10,0	1.500	
0281.01.42401	8717472981219	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X80/50	5,0	80/50	TX-25	10,0	200	1.600
0281.01.42404	8717472989130	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X80(100)	5,0	80/50	TX-25	10,0	100	1.600
0281.01.42500		DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X90/60 LOS	5,0	90/60	TX-25	10,0	1.500	1.200
0281.01.42501	8717472981226	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X90/60	5,0	90/60	TX-25	10,0	200	1.200
0281.01.42600	8717472984081	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X100/60LOS	5,0	100/60	TX-25	10,0	1.200	
0281.01.42601	8717472981233	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X100/60	5,0	100/60	TX-25	10,0	200	1.200
0281.01.42604	8717472989147	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X100(100)	5,0	100/60	TX-25	10,0	100	600
0281.01.42800	8712811142993	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0x120/70LOS	5,0	120/70	TX-25	10,0	1.200	
0281.01.42801	8717472981639	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0x120/70	5,0	120/70	TX-25	10,0	200	1.200
0281.01.49601	8717472981257	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x40	6,0	40	TX-30	12,0	100	3.000
0281.01.49602	8717472989567	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X40/24	6,0	40/24	TX-30	12,0	100	3.000
0281.01.49610	8712811144508	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X40/24 LOS	6,0	40/24	TX-30	12,0	3.000	
0281.01.49801	8717472981264	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x45	6,0	45	TX-30	12,0	100	2.400
0281.01.49802	8717472989574	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X45/30	6,0	45/30	TX-30	12,0	100	2.400
0281.01.49901	8717472981271	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x50	6,0	50	TX-30	12,0	100	2.400
0281.01.49902	8717472989581	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X50/30	6,0	50/30	TX-30	12,0	100	2.400
0281.01.49910	8712811144577	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X50/30 LOS	6,0	50/30	TX-30	12,0	2.500	
0281.01.50000	8717472984098	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X60/35 LOS	6,0	60/35	TX-30	12,0	1.800	
0281.01.50001	8717472981288	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x60/35	6,0	60/35	TX-30	12,0	100	1.800
0281.01.50200	8712811317865	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x70/42 LOS	6,0	70/42	TX-30	12,0	1.500	
0281.01.50201	8717472981295	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x70/42	6,0	70/42	TX-30	12,0	100	1.800
0281.01.50400	8717472984104	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X80/50 LOS	6,0	80/50	TX-30	12,0	1.000	
0281.01.50401	8717472981301	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x80/50	6,0	80/50	TX-30	12,0	100	1.200
0281.01.50500	8712811795816	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x90/60 LOS	6,0	90/60	TX-30	12,0	1	
0281.01.50501	8717472981318	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x90/60	6,0	90/60	TX-30	12,0	100	1.200
0281.01.50600	8717472984111	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X100/60LOS	6,0	100/60	TX-30	12,0	1.000	
0281.01.50601	8717472981325	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x100/60	6,0	100/60	TX-30	12,0	100	1.200
0281.01.50701	8717472981332	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x110/70	6,0	110/70	TX-30	12,0	100	1.200
0281.01.50800	8717472984128	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X120/70LOS	6,0	120/70	TX-30	12,0	1.000	
0281.01.50801	8717472981349	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x120/70	6,0	120/70	TX-30	12,0	100	800
0281.01.50901	8717472981356	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x130/70	6,0	130/70	TX-30	12,0	100	800
0281.01.51000	8717472984135	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X140/70LOS	6,0	140/70	TX-30	12,0	1.000	

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0281.01.51001	8717472981363	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x140/70	6,0	140/70	TX-30	12,0	100	800
0281.01.51004	8717472989154	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X140(50)	6,0	140/70	TX-30	12,0	50	400
0281.01.51101	8717472981370	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x150/70	6,0	150/70	TX-30	12,0	100	800
0281.01.51201	8717472981387	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x160/70	6,0	160/70	TX-30	12,0	100	800
0281.01.51301	8717472981646	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X180/70	6,0	180/70	TX-30	12,0	100	400
0281.01.51401	8717472981653	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0x200/70	6,0	200/70	TX-30	12,0	100	400
6141.02.20010	8712811797216	DYNAPLUS SPSCHR.PK VZ T10 3.0X16(25)	3,0	16	TX-10	6,0	192	12
6141.02.20020	8712811797285	DYNAPLUS SPSCHR.PK VZ T10 3.0X20(25)	3,0	20	TX-10	6,0	192	12
6141.02.20030	8712811797353	DYNAPLUS SPSCHR.PK VZ T10 3.0X25(25)	3,0	25	TX-10	6,0	192	12
6141.02.20070	8712811797421	DYNAPLUS SPSCHR.PK VZ T15 3.5X12(25)	3,5	12	TX-15	7,0	96	6
6141.02.20080	8712811797490	DYNAPLUS SPSCHR.PK VZ T15 3.5X16(25)	3,5	16	TX-15	7,0	192	12
6141.02.20090	8712811797568	DYNAPLUS SPSCHR.PK VZ T15 3.5X20(25)	3,5	20	TX-15	7,0	192	12
6141.02.20100	8712811797636	DYNAPLUS SPSCHR.PK VZ T15 3.5X25(25)	3,5	25	TX-15	7,0	192	12
6141.02.20110	8712811797704	DYNAPLUS SPSCHR.PK VZ T15 3.5X30(25)	3,5	30	TX-15	7,0	192	12
6141.02.20130	8712811797773	DYNAPLUS SPSCHR.PK VZ T15 3.5X40/24 (25)	3,5	40/24	TX-15	7,0	192	12
6141.02.20170	8712811797841	DYNAPLUS SPSCHR.PK VZ T20 4.0X16(25)	4,0	16	TX-20	8,0	192	12
6141.02.20180	8712811797919	DYNAPLUS SPSCHR.PK VZ T20 4.0X20(25)	4,0	20	TX-20	8,0	192	12
6141.02.20190	8712811797988	DYNAPLUS SPSCHR.PK VZ T20 4.0X25(25)	4,0	25	TX-20	8,0	192	12
6141.02.20200	8712811798053	DYNAPLUS SPSCHR.PK VZ T20 4.0X30(25)	4,0	30	TX-20	8,0	192	12
6141.02.20210	8712811798121	DYNAPLUS SPSCHR.PK VZ T20 4.0X35(25)	4,0	35	TX-20	8,0	192	12
6141.02.20220	8712811798190	DYNAPLUS SPSCHR.PK VZ T20 4.0X40/24 (25)	4,0	40/24	TX-20	8,0	96	6
6141.02.20240	8712811798268	DYNAPLUS SPSCHR.PK VZ T20 4.0X50/30 (25)	4,0	50/30	TX-20	8,0	96	6
6141.02.20260	8712811798336	DYNAPLUS SPSCHR.PK VZ T20 4.0X60/36(25)	4,0	60/35	TX-20	8,0	96	6
6141.02.20270	8712811798404	DYNAPLUS SPSCHR.PK VZ T20 4.0X70/42(25)	4,0	70/42	TX-20	8,0	96	6
6141.02.20290	8712811798473	DYNAPLUS SPSCHR.PK VZ T25 4.5X25(15)	4,5	25	TX-25	9,0	192	12
6141.02.20300	8712811798541	DYNAPLUS SPSCHR.PK VZ T25 4.5X30(15)	4,5	30	TX-25	9,0	192	12
6141.02.20310	8712811798619	DYNAPLUS SPSCHR.PK VZ T25 4.5X35(15)	4,5	35	TX-25	9,0	192	12
6141.02.20320	8712811798688	DYNAPLUS SPSCHR.PK VZ T25 4.5X40/24 (15)	4,5	40/24	TX-25	9,0	192	12
6141.02.20340	8712811798756	DYNAPLUS SPSCHR.PK VZ T25 4.5X50/30 (15)	4,5	50/30	TX-25	9,0	192	12
6141.02.20350	8712811798824	DYNAPLUS SPSCHR.PK VZ T25 4.5X60/36(15)	4,5	60/35	TX-25	9,0	96	6
6141.02.20410	8712811798893	DYNAPLUS SPSCHR.PK VZ T25 5.0X30(15)	5,0	30	TX-25	10,0	192	12
6141.02.20420	8712811798961	DYNAPLUS SPSCHR.PK VZ T25 5.0X35(15)	5,0	35	TX-25	10,0	192	12
6141.02.20430	8712811799036	DYNAPLUS SPSCHR.PK VZ T25 5.0X40/24 (15)	5,0	40/24	TX-25	10,0	192	12
6141.02.20450	8712811799104	DYNAPLUS SPSCHR.PK VZ T25 5.0X50/30 (15)	5,0	50/30	TX-25	10,0	96	6
6141.02.20470	8712811799173	DYNAPLUS SPSCHR.PK VZ T25 5.0X60/36(15)	5,0	60/35	TX-25	10,0	96	6
6141.02.20480	8712811799241	DYNAPLUS SPSCHR.PK VZ T25 5.0X70/42(15)	5,0	70/42	TX-25	10,0	96	6
6141.02.20490	8712811799319	DYNAPLUS SPSCHR.PK VZ T25 5.0X80/50(15)	5,0	80/50	TX-25	10,0	60	6
6141.02.20510	8712811799388	DYNAPLUS SPSCHR.PK VZ T25 5.0X100/60(10)	5,0	100/60	TX-25	10,0	60	6
6141.02.20530	8712811799456	DYNAPLUS SPSCHR.PK VZ T30 6.0X50/30 (10)	6,0	50	TX-30	12,0	192	12
6141.02.20540	8712811799524	DYNAPLUS SPSCHR.PK VZ T30 6.0X60/36(10)	6,0	60/35	TX-30	12,0	96	6
6141.02.20560	8712811799593	DYNAPLUS SPSCHR.PK VZ T30 6.0X80/50(10)	6,0	80/50	TX-30	12,0	60	6
6141.02.20580	8712811799661	DYNAPLUS SPSCHR.PK VZ T30 6.0X100/60(10)	6,0	100/60	TX-30	12,0	60	6
6141.02.20600	8712811799739	DYNAPLUS SPSCHR.PK VZ T30 6.0X120/70(5)	6,0	120/70	TX-30	12,0	60	6
6147.06.20130	8717472985545	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X30(150)	4,0	30	TX-20	8,0		60
6147.06.20150	8717472985552	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X40(100)	4,0	40	TX-20	8,0		60
6147.06.20160	8717472985569	DYNAPLUS SPAANPLSCHR.T20 PK.VZ. 4.0X50(75)	4,0	50	TX-20	8,0		60

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6147.06.20180	8717472985576	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X50(75)	4,5	50	TX-25	9,0		60
6147.06.20190	8717472985583	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 4.5X60(75)	4,5	60/35	TX-25	9,0		60
6147.06.20240	8717472985590	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X50(75)	5,0	50	TX-25	10,0		60
6147.06.20250	8717472985606	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X60(50)	5,0	60/35	TX-25	10,0		60
6147.06.20260	8717472985613	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X70(50)	5,0	70/42	TX-25	10,0		60
6147.06.20270	8717472985620	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X80(50)	5,0	80/50	TX-25	10,0		60
6147.06.20290	8717472985637	DYNAPLUS SPAANPLSCHR.T25 PK.VZ. 5.0X100(25)	5,0	100/60	TX-25	10,0		60
6147.06.20320	8717472985644	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X60(25)	6,0	60/35	TX-30	12,0		60
6147.06.20340	8717472985651	DYNAPLUS SPAANPLSCHR.T30 PK.VZ. 6.0X80(25)	6,0	80/50	TX-30	12,0		60
6640.04.20010	8717472988805	DYNAPLUS SPSCHR.PK VZ T10 3.0X16(200)	3,0	30	TX-10	6,0		128
6640.04.20020	8717472988812	DYNAPLUS SPSCHR.PK VZ T10 3.0X20(200) 229409	3,0	20	TX-10	6,0		128
6640.04.20030	8717472988829	DYNAPLUS SPSCHR.PK VZ T10 3.0X25(200) 229410	3,0	25	TX-10	6,0		96
6640.04.20040	8717472988836	DYNAPLUS SPSCHR.PK VZ T10 3.0X30(200)	3,0	30	TX-10	6,0		64
6640.04.20080	8717472988270	DYNAPLUS SPSCHR.PK VZ T15 3.5X16(200)	3,5	16	TX-15	7,0		96
6640.04.20090	8717472988287	DYNAPLUS SPSCHR.PK VZ T15 3.5X20(200)	3,5	20	TX-15	7,0		96
6640.04.20100	8717472988294	DYNAPLUS SPSCHR.PK VZ T15 3.5X25(200)	3,5	25	TX-15	7,0		64
6640.04.20110	8717472988300	DYNAPLUS SPSCHR.PK VZ T15 3.5X30(200)	3,5	30	TX-15	7,0		64
6640.04.20120	8717472988317	DYNAPLUS SPSCHR.PK VZ T15 3.5X35(200)	3,5	35	TX-15	7,0		48
6640.04.20130	8717472988324	DYNAPLUS SPSCHR.PK VZ T15 3.5X40(200)	3,5	40	TX-15	7,0		48
6640.04.20140	8717472988331	DYNAPLUS SPSCHR.PK VZ T15 3.5X45(200)	3,5	45	TX-15	7,0		48
6640.04.20150	8717472988348	DYNAPLUS SPSCHR.PK VZ T15 3.5X50(200)	3,5	50	TX-15	7,0		32
6640.04.20170	8717472988355	DYNAPLUS SPSCHR.PK VZ T20 4.0X16(200)	4,0	16	TX-20	8,0		96
6640.04.20180	8717472988362	DYNAPLUS SPSCHR.PK VZ T20 4.0X20(200)	4,0	20	TX-20	8,0		64
6640.04.20190	8717472988379	DYNAPLUS SPSCHR.PK VZ T20 4.0X25(200)	4,0	25	TX-20	8,0		64
6640.04.20200	8717472988386	DYNAPLUS SPSCHR.PK VZ T20 4.0X30(200)	4,0	30	TX-20	8,0		48
6640.04.20210	8717472988409	DYNAPLUS SPSCHR.PK VZ T20 4.0X35(200)	4,0	35	TX-20	8,0		48
6640.04.20220	8717472988393	DYNAPLUS SPSCHR.PK VZ T20 4.0X40(200)	4,0	40	TX-20	8,0		48
6640.04.20230	8717472988416	DYNAPLUS SPSCHR.PK VZ T20 4.0X45(200)	4,0	45	TX-20	8,0		32
6640.04.20240	8717472988423	DYNAPLUS SPSCHR.PK VZ T20 4.0X50(200)	4,0	50	TX-20	8,0		32
6640.04.20260	8717472988430	DYNAPLUS SPSCHR.PK VZ T20 4.0X60(200)	4,0	60/35	TX-20	8,0		24
6640.04.20270	8717472988447	DYNAPLUS SPSCHR.PK VZ T20 4.0X70(100)	4,0	70/42	TX-20	8,0		48
6640.04.20280	8717472988454	DYNAPLUS SPSCHR.PK VZ T25 4.5X20(200)	4,5	20	TX-25	9,0		64
6640.04.20290	8717472988461	DYNAPLUS SPSCHR.PK VZ T25 4.5X25(200)	4,5	25	TX-25	9,0		48
6640.04.20300	8717472988478	DYNAPLUS SPSCHR.PK VZ T25 4.5X30(200)	4,5	30	TX-25	9,0		32
6640.04.20310	8717472988485	DYNAPLUS SPSCHR.PK VZ T25 4.5X35(200)	4,5	35	TX-25	9,0		32
6640.04.20320	8717472988492	DYNAPLUS SPSCHR.PK VZ T25 4.5X40(200)	4,5	40	TX-25	9,0		32
6640.04.20330	8717472988508	DYNAPLUS SPSCHR.PK VZ T25 4.5X45(200)	4,5	45	TX-25	9,0		24
6640.04.20340	8717472988515	DYNAPLUS SPSCHR.PK VZ T25 4.5X50(200)	4,5	50	TX-25	9,0		24
6640.04.20350	8717472988522	DYNAPLUS SPSCHR.PK VZ T25 4.5X60(200)	4,5	60/35	TX-25	9,0		24
6640.04.20360	8717472988539	DYNAPLUS SPSCHR.PK VZ T25 4.5X70(100) 229447	4,5	70/42	TX-25	9,0		32
6640.04.20370	8717472988546	DYNAPLUS SPSCHR.PK VZ T25 4.5X80(100)	4,5	80/50	TX-25	9,0		24
6640.04.20390	8717472988553	DYNAPLUS SPSCHR.PK VZ T25 5.0X20(200)	5,0	20	TX-25	10,0		48
6640.04.20400	8717472988560	DYNAPLUS SPSCHR.PK VZ T25 5.0X25(200)	5,0	25	TX-25	10,0		48
6640.04.20410	8717472988577	DYNAPLUS SPSCHR.PK VZ T25 5.0X30(200)	5,0	30	TX-25	10,0		32
6640.04.20420	8717472988584	DYNAPLUS SPSCHR.PK VZ T25 5.0X35(200)	5,0	35	TX-25	10,0		24
6640.04.20430	8717472988591	DYNAPLUS SPSCHR.PK VZ T25 5.0X40(200)	5,0	40	TX-25	10,0		24
6640.04.20440	8717472988607	DYNAPLUS SPSCHR.PK VZ T25 5.0X45(200)	5,0	45	TX-25	10,0		24

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6640.04.20450	8717472988614	DYNAPLUS SPSCHR.PK VZ T25 5.0X50(200)	5,0	50	TX-25	10,0		16
6640.04.20470	8717472988621	DYNAPLUS SPSCHR.PK VZ T25 5.0X60(200)	5,0	60/35	TX-25	10,0		16
6640.04.20480	8717472988638	DYNAPLUS SPSCHR.PK VZ T25 5.0X70(100)	5,0	70/42	TX-25	10,0		32
6640.04.20490	8717472988645	DYNAPLUS SPSCHR.PK VZ T25 5.0X80(100)	5,0	80/50	TX-25	10,0		24
6640.04.20500	8717472988652	DYNAPLUS SPSCHR.PK VZ T25 5.0X90(100)	5,0	90/60	TX-25	10,0		24
6640.04.20510	8717472988669	DYNAPLUS SPSCHR.PK VZ T25 5.0X100(100)	5,0	100/60	TX-25	10,0		24
6640.04.20515	8712811142764	DYNAPLUS SPSCHR.PK VZ T25 5.0X120(100)	5,0	120/70	TX-25	10,0		16
6640.04.20520	8717472988676	DYNAPLUS SPSCHR.PK VZ T30 6.0X40(200)	6,0	40	TX-30	12,0		24
6640.04.20530	8717472988683	DYNAPLUS SPSCHR.PK VZ T30 6.0X50(200) 229468	6,0	50	TX-30	12,0		16
6640.04.20540	8717472988690	DYNAPLUS SPSCHR.PK VZ T30 6.0X60(100)	6,0	60/35	TX-30	12,0		24
6640.04.20550	8717472988706	DYNAPLUS SPSCHR.PK VZ T30 6.0X70(100)	6,0	70/42	TX-30	12,0		24
6640.04.20560	8717472988713	DYNAPLUS SPSCHR.PK VZ T30 6.0X80(100)	6,0	80/50	TX-30	12,0		24
6640.04.20570	8717472988720	DYNAPLUS SPSCHR.PK VZ T30 6.0X90(100)	6,0	90/60	TX-30	12,0		24
6640.04.20580	8717472988737	DYNAPLUS SPSCHR.PK VZ T30 6.0X100(100) 229473	6,0	100/60	TX-30	12,0		16
6640.04.20590	8717472988744	DYNAPLUS SPSCHR.PK VZ T30 6.0X110(100)	6,0	110/70	TX-30	12,0		16
6640.04.20600	8717472988751	DYNAPLUS SPSCHR.PK VZ T30 6.0X120(100) 229474	6,0	120/70	TX-30	12,0		16
6640.04.20610	8717472988768	DYNAPLUS SPSCHR.PK VZ T30 6.0X130(50)	6,0	130/70	TX-30	12,0		24
6640.04.20620	8717472988775	DYNAPLUS SPSCHR.PK VZ T30 6.0X140(50)	6,0	140/70	TX-30	12,0		24
6640.04.20630	8717472988782	DYNAPLUS SPSCHR.PK VZ T30 6.0X150(50)	6,0	150/70	TX-30	12,0		24
6640.04.20640	8717472988799	DYNAPLUS SPSCHR.PK VZ T30 6.0X160(50)	6,0	160/70	TX-30	12,0		24