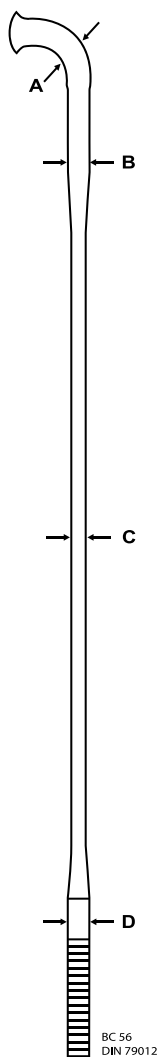


	<b>A</b> (mm)	<b>B</b> (mm)	<b>C</b> (mm)	<b>D</b> (mm)	<b>weight</b> (260mm)	
<b>PLAIN GAUGE SPOKE</b>	<b>P 13</b>	2.3	2.3	2.3	2.3	8.5 g
	<b>P 14</b>	2.0	2.0	2.0	2.0	6.5 g
	<b>P 15</b>	1.8	1.8	1.8	1.8	5.5 g
	<b>PSR 13</b>	2.5	2.3	2.3	2.3	8.5 g
	<b>PSR 14</b>	2.2	2.0	2.0	2.0	6.5 g
	<b>PSR 15</b>	2.0	1.8	1.8	1.8	5.5 g
	<b>BUTTED SPOKE</b>	<b>PSB 34</b>	2.3	2.3	2.0	2.0
<b>PSB 45</b>		2.0	2.0	1.8	1.8	5.6 g
<b>PDB 1415</b>		2.0	2.0	1.8	2.0	5.7 g
<b>PDB 1416</b>		2.0	2.0	1.6	2.0	4.7 g
<b>PDB 1417</b>		2.0	2.0	1.5	2.0	4.3 g
<b>PTB 380</b>		2.3	2.3	1.8	2.0	6.3 g
<b>PTB 270</b>		2.2	2.2	1.7	2.0	5.3 g
<b>PSR TB 2018</b>		2.2	2.0	1.8	2.0	5.7 g
<b>PSR TB 2017</b>		2.2	2.0	1.7	2.0	5.2 g
<b>PSR TB 2016</b>		2.2	2.0	1.6	2.0	4.7 g
<b>PSR TB 2015</b>		2.2	2.0	1.5	2.0	4.3 g
<b>PSR QB 5380</b>		2.5	2.3	1.8	2.0	6.3 g
<b>PSR QB 4270</b>		2.4	2.2	1.7	2.0	5.8 g
<b>AERO SPOKE</b>		<b>PA 1423</b>	2.0	2.0	2.3 x 1.5	2.0
	<b>PA 1432</b>	2.0	2.0	3.2 x 1.0	2.0	6.5 g
	<b>PA 1528</b>	1.8	1.8	2.8 x 1.0	1.8	5.5 g
	<b>PBA 1425</b>	2.0	2.0	2.5 x 1.05	2.0	5.7 g
	<b>PBA 1422</b>	2.0	2.0	2.2 x 0.95	2.0	4.7 g
	<b>PBA 1420</b>	2.0	2.0	2.0 x 0.95	2.0	4.3 g
	<b>PSR Aero 1423</b>	2.2	2.0	2.3 x 1.5	2.0	6.5 g
	<b>PSR Aero 1432</b>	2.2	2.0	3.2 x 1.0	2.0	6.5 g
	<b>PSR Aero 1528</b>	2.0	1.8	2.8 x 1.0	1.8	5.5 g
	<b>PSR X-TRA 1425</b>	2.2	2.0	2.5 x 1.05	2.0	5.7 g
	<b>PSR X-TRA 1424</b>	2.2	2.0	2.4 x 1.05	2.0	5.2 g
	<b>PSR X-TRA 1422</b>	2.2	2.0	2.2 x 0.95	2.0	4.7 g
	<b>PSR X-TRA 1420</b>	2.2	2.0	2.0 x 0.95	2.0	4.3 g
<b>WING SPOKE</b>	<b>PSR WING 23</b>	2.2	2.0	2.3 x 1.45	2.0	5.7 g
	<b>PSR WING 22</b>	2.2	2.0	2.2 x 1.40	2.0	5.2 g
	<b>PSR WING 21</b>	2.2	2.0	2.1 x 1.30	2.0	4.7 g
	<b>PSR WING 20</b>	2.2	2.0	2.0 x 1.20	2.0	4.3 g
<b>SUPER LITE SPOKE</b>	<b>PST 14</b>	2.2	2.0	2.0	2.0	4 g
	<b>PST AERO 1430</b>	2.2	2.0	3.0 x 1.1	2.0	4 g
	<b>MEGA LITE SS</b>	2.0	2.0	1.7 x 0.9	2.0	3.5 g
	<b>X-TRA LITE Ti</b>	2.3	2.3	2.0 x 0.9	2.3	2.6 g



New Product

**WING**

SPOKE

**SUPER LITE**

SPOKE

## SPOKES

SPOKE TYPE	€ inc. VAT
P13	0,57 €
P14/P15	0,55 €
PSR 13	0,61 €
PSR 14	0,57 €
PSR 15	0,57 €
PSB34	0,80 €
PSB45	0,77 €
PDB 1415	0,86 €
PDB 1416	0,93 €
PDB 1417	0,99 €
PTB 380	1,02 €
PTB 270	1,02 €
PSR TB 2018	0,99 €
PSR TB 2017	1,02 €
PSR TB 2016	1,02 €
PSR TB 2015	1,09 €
PSR QB 5380	1,09 €
PSR QB 4270	1,09 €
PA 1432	1,09 €
PA 1423	1,09 €
PA 1528	1,09 €
PBA 1425	2,17 €
PBA 1422	2,32 €
PBA 1420	2,48 €
PSR Aero 1432	1,34 €
PSR Aero 1423	1,34 €
PSR Aero 1528	1,34 €
PSR X-TRA 1425	2,42 €
PSR X-TRA 1424	2,49 €
PSR X-TRA 1422	2,57 €
PSR X-TRA 1420	2,74 €
PSR WING 23	2,42 €
PSR WING 22	2,49 €
PSR WING 21	2,57 €
PSR WING 20	2,74 €
MEGA LITE SS	4,32 €
PST 14	5,00 €
PST Aero 1430	5,46 €
X-TRA LITE Ti	12,45 €

## SPOKE OPTIONS

UPCHARGES	MOQ	
	inc.	inc.
Black Oxide		
PC /NCC	1,15 €	1000
Color Ti	1,15 €	1000*
Nylock	0,07 €	1000
TPS Spoke	0,05 €	1000
3D Force Spoke	0,06 €	1000

\*selected spoke types of color TI Rainbow in stock, no MOQ; e-mail us for specific orders























## PERMANENT IN STOCK

SPOKE TYPE	J-Bend	Straight	Lengths	Color
PSR 13	✓	✓	100-320	Black Oxi
PSR 14	✓	✓	100-320	Black Oxi
PSR15	✓	✓	100-320	Black Oxi
PDB1415	✓	✓	250-310	Black Oxi
PDB1416	✓	✓	250-310	Black Oxi
PDB1417	✓	✓	250-310	Black Oxi
PSR TB2015	✓	✓	250-310	Black Oxi
PSR TB2016	✓	✓	250-310	Black Oxi
PSR TB2017	✓	✓	250-310	Black Oxi
PSR TB2018	✓	✓	250-310	Black Oxi
PA1423		✓	250-310	Black Oxi
PA1432		✓	250-310	Black Oxi
PSR Aero 1423	✓	✓	180-300	Black Oxi
PSR Aero 1432	✓	✓	210-300	Black Oxi
PSR X-tra 1425		✓	250-310	Black Oxi
PSR X-tra 1424		✓	250-310	Black Oxi
PSR X-tra 1422		✓	250-310	Black Oxi
PSR X-tra 1420		✓	250-310	Black Oxi
PSR Wing 23	✓	✓	180-300	Black Oxi
PSR Wing 22	✓	✓	250-300	Black Oxi
PSR Wing 21	✓	✓	220-310	Black Oxi
PSR Wing 20	✓	✓	220-310	Black Oxi

## NIPPLES

BRASS	€ inc. VAT	ALLOY	€ inc. VAT
PB13 12mm	0,19 €	PT734 12mm	0,25 €
PB13 14mm	0,19 €	PT734 14mm	0,25 €
PB13 16mm	0,20 €	PT734 16mm	0,25 €
PB14 12mm	0,18 €	PT735 12mm	0,25 €
PB14 14mm	0,18 €	PT735 14mm	0,25 €
PB14 16mm	0,19 €	PT735 16mm	0,25 €
PB14 20mm	0,20 €	PT734H 12mm	0,27 €
PB15 12mm	0,18 €	PT734H 14mm	0,27 €
PB15 14mm	0,19 €	PT734H 16mm	0,27 €
PB15 16mm	0,19 €	PT735H 12mm	0,27 €
PB15 20mm	0,20 €	PT735H 14mm	0,27 €
PB14H 12mm	0,20 €	PT735H 16mm	0,27 €
PB14H 14mm	0,20 €	DSN 14,4mm	0,28 €
PB14H 16mm	0,20 €	DSN 16mm	0,28 €
PB15H 12mm	0,20 €	DSN 18mm	0,28 €
PB15H 14mm	0,20 €	TG Alloy	0,33 €
PB15H 16mm	0,20 €	TG-H Alloy	0,35 €
DSN Brass 14,4mm	0,20 €	5R	0,25 €
DSN Brass 16mm	0,20 €	Hex10	0,45 €
DSN Brass 18mm	0,21 €		
TG Brass 14mm	0,20 €		
TG-H Brass 14mm	0,21 €		
5R Brass	0,19 €		

## ALLOY COLOR

			
001	002	003	004
			
005	006	007	008
			
009	015	017	020
			
022	023	024	025
			
027	028	029	030
			
035	037		

## PLEASE ACKNOWLEDGE:

Spokes may be individually cut and thread-rolled to your desired length. Therefore Return&Refund is not possible by law.

## WASHERS

WASHERS	€ inc. VAT
PW6035	0,10 €
PW7042	0,10 €
PW7542	0,08 €
PW7048	0,10 €
PW8630	0,10 €
HM Conical	0,10 €

TOOLS

	€ inc. VAT
Spoke Wrench	12,25 €
Aero Spoke Holder	13,61 €
PHT 4732	10,89 €
PHT 5532	10,89 €
PHT 3232	10,89 €
PHT 4700	5,44 €
PHT 5500	5,44 €
PHT 6932	5,44 €
PHT 1532	13,61 €
PHT-TG	6,80 €

	€ inc. VAT
Pillar Tensio Meter	386,62 €
Spoke Tension Gauge	1.721,10 €
Steel Ruler	27,21 €
Box for spokes 500pcs	1,90 €
Box for spokes 100pcs	1,36 €
Box for nipples 100pcs	1,09 €
Poly Bag for 100 spokes or less	0,55 €
Poly Bag for 100 nipples or less	0,27 €



\*DHL Paket Int'l  
 ✓ Tracked  
 ✓ inc. Insurance 500 €  
 ✓ Insurance 2.500 € + 10 €

SHIPPING

NATIONAL SHIPPING

- 3kg	4,50 €
- 10kg	6,60€
- 31,5kg	10,40€

INT'L SHIPPING\*

	ZONE 1		ZONE 2		ZONE 3		ZONE 4	
	EU	NON EU	EU	NON EU	EU	NON EU	EU	NON EU
- 1kg	9,95 €	14,35 €	10,35 €	10,65 €	14,50 €	25,45 €		
- 5kg	11,55 €	20,35 €	12,55 €	13,25 €	20,50 €	36,25 €		
- 10kg	13,55 €	27,85 €	15,30 €	16,50 €	28,00 €	49,75 €		
- 15kg	15,55 €	35,35 €	18,05 €	19,75 €	35,50 €	63,25 €		
- 20kg	17,55 €	42,85 €	20,80 €	23,00 €	43,00 €	76,75 €		
- 25kg	19,55 €	50,35 €	23,55 €	26,25 €	50,50 €	90,25 €		
- 30kg	21,55 €	57,85 €	26,30 €	29,50 €	58,00 €	103,75 €		

ZONE 1	EU											
	NON EU											
ZONE 2	EU											
	EU											
ZONE 3	NON EU											
												