



List of producers who has got a contract
on quality control with
VTT Expert Services Ltd

- reinforcing bars
- prestressing steels
- reinforcements
- load transmitting steel parts

*Luettelo valmistajista, joiden kanssa
VTT Expert Service Oy:llä on
laadunvalvontasopimus*

- *betoniteräkset*
- *jänneteräkset*
- *raudoitteet*
- *kuormia siirtävät teräsosat*

Additional information / *Lisätietoja:*

Product Manager / *Tuotepäällikkö* Jukka Kiiskinen

Tel. +358 20 722 6909

Email jukka.kiiskinen@vtt.fi

Expert / *Asiantuntija* Aki Neuvonen

Tel. +358 20 722 6910

Email aki.neuvonen@vtt.fi

I Hot rolled ribbed reinforcing bars / Kuumavalssatut betoniteräkset

| Producer / <i>Valmistaja</i> | Technical class / <i>Tekninen luokka</i> | Nonimal diameters <i>Nimellishalkaisijat</i> <i>mm</i> | Producer's mark / <i>Tehtaan-</i> <i>merkki</i> |
|---|--|--|--|
| ALPA, Acieries et Laminoirs de Paris France | Bars A500HW | 12, 16, 20, 25, 32 | 3/1 |
| Celsa Huta Ostrowiec Sp.z.o.o. Poland | Bars A500HW | 10, 12, 16, 20, 25, 32 | 1/17 |
| Celsa Armeringsstål AS Norway | Bars A500HW Coils A500HW Bars A700HW | 8, 10, 12, 16, 20, 25, 32 6, 8, 10, 12, 16 12, 14, 16, 20 | 6/5 6/5 6/5 |
| H.E.S. Hennigsdorfer Elektrostahlwerke GmbH Germany | Bars A500HW | 10, 12, 16, 20, 25, 32 | 1/9 |
| Iton-Seine S.A.S. France | Bars A500HW | 8, 10, 12, 16, 20 | 3/9 |
| Badische Stahlwerke GmbH Germany | Bars A500HW Bars B500B Coils B500B SFS 1268 | 10, 12, 16, 20, 25, 32 10, 12, 16, 20, 25, 32 8, 10, 12 | 1/21 1/21 1/21 |
| Open Joint-Stock Company Byelorussian Steel Works (BMZ) Byelorussia | Bars A500HW Bars A700HW | 10, 12, 16, 20, 25, 32 12, 14, 16 | 9/1 " |
| JSC Liepajas Metalurgs Latvia | Bars A500HW | 10, 12, 16, 20, 25, 32 | 6/6 |
| Megasa Siderúrgica SL Spain | Bars B500B SFS 1268 | 10, 12, 14, 16, 20, 25, 32 | 7/17 |
| BES Brandenburger Elektrostahlwerke GmbH, Germany | Coils B500B SFS 1268 | 8, 10, 12 | 1/61 |

2 Cold worked ribbed bars and welded fabrics / *Kylmämuokatut harjatangot ja raudoitusverkot*

| Producer / <i>Valmistaja</i> | Technical class / <i>Tekninen luokka</i> | Nonimal diameters <i>Nimellishalkaisijat</i> <i>mm</i> | Producer's mark / <i>Tehtaanmerkki</i> |
|--|---|---|---|
| Helsingin Rauta Oy Koskensaaren tehdas, Kintaus | Bars B500K Coils B500K Bars B600KX Coils B600KX | 4 - 12 4 - 12 5 and 7 5 - 11 | 2/2 or 6/5/2 " " " |
| Pintos Oy, Eura | Bars B500K Mesh B500K / FL 20 | 4 - 12 4 - 12 | 6/1/2 |
| Pintos Oy, Lappi | Bars B500K Coils B500K Mesh B500K / FL 30 Bars B600KX Coils B600KX Mesh B600KX / FL 20 Bars B700K Mesh B700K / FL 20 | 4 - 12 5, 6, 7, 8, 9, 10, 12 1 - 12 4 - 11 5, 6, 7, 8, 9, 10 4 - 11 6 - 12 6 - 12 | 6/2/2 " " " " " " |
| Tammet Oy, Pälkäne | Bars B500K Coils B500K Mesh B500K / FL 20 Mesh B500K / FL 30 Bars B600KX Coils B600KX Mesh B600KX / FL 20 | 4 - 12 5, 6, 7, 8, 9, 10, 12 4, 7, 9, 11 5, 6, 8, 10, 12 4, 5, 6, 7, 8, 9, 11 5, 7, 9 4, 5, 6, 7, 9 | 6/3/2 " " " " " " |
| Rämö Oy, Imatra | Bars B500K Mesh B500K / FL 20 | 4 - 12 4 - 12 | 6/4/2 " |
| Peikko Finland Oy, Lahti | Bars B500K Mesh B500K / FL 20 Bars B600KX Coils B600KX Mesh B600KX | 4 - 12 4 - 12 4, 5, 7, 9, 11 5, 11 4, 5, 7, 9, 11 | 6/6/2 " " " " |
| Westfälische Drahtindustrie GmbH Büdelsdorf, Germany | Bars B500K Mesh B500K / FL 20 | 5, 6, 8 5, 6, 8 | 1/6/2 or 1/8/6 " |
| PPU "Ecosteel" Sp. zo.o. Zawiercie, Poland | Bars B500K Mesh B500K / FL 20 | 5, 6, 8, 10 5, 6, 8, 10 | 1/4/9 " |
| Matservis Sp. Zo.o., Poland | Bars B500K Mesh B500K / FL 20 | 5, 6, 8, 10 5, 6, 8, 10 | 1/2/5 or (9/2/5) " |
| Besta Eisen- und Stahlhandelsgesellschaft mbH, Germany | Bars B500K Mesh B500K / FL 20 | 5, 6, 8, 10, 12 5, 6, 8, 10, 12 | 1/3/5 " |
| Fapricela Industria de Trefilaria SA, Portugal | Bars B500K Mesh B500K / FL 20 | 5, 6, 8, 10 5, 6, 8, 10 | 7/3/8 " |
| Celsa Steel Service AB, Sweden | Bars B500K Mesh B500K / FL 20 | 5, 6, 8 5, 6, 8 | 6/2 " |
| UAB Litmar Mk, Lithuania | Bars B500K Mesh B500K / FL 30 | 5, 6, 8, 10 5, 6, 8, 10 | 9/1 " |

3 Reinforcements / Tankorautoitteet

| Producer / Valmistaja | Product / Tuote |
|--------------------------------------|-----------------------------------|
| Pintos Oy, Eura | Reinforcements / Tankorautoitteet |
| Pintos Oy, Lappi | Reinforcements / Tankorautoitteet |
| Tammet Oy, Pälkäne | Reinforcements / Tankorautoitteet |
| Peikko Finland Oy, Lahti | Reinforcements / Tankorautoitteet |
| Ruhl GmbH & Co. KG., Golzow, Germany | Reinforcements / Tankorautoitteet |
| Rämö Oy, Imatra | Reinforcements / Tankorautoitteet |
| SIA VMS Group, Latvia | Reinforcements / Tankorautoitteet |
| JSC Serfas, Lithuania | Reinforcements / Tankorautoitteet |
| Ltd Tilts, Latvia | Reinforcements / Tankorautoitteet |

4 Spiral reinforcement B400 and diagonal truss / Kierrehaka B400 ja sideansaat

| Producer / Valmistaja | Products / Tuote |
|-----------------------|--|
| Pintos Oy, Lappi | Spiral reinforcement B400 JDA-, JDAM- ja JDAR-truss |
| Tammet Oy, Pälkäne | Spiral reinforcement B400 |

5 Mechanical splices / Harjatankojen muhviatkokset

| Producer / Valmistaja | Product / Tuote |
|---|---------------------------|
| Erico B.V., Hollanti Producer / Valmistaja - Ruhl GmbH & Co. KG., Golzow, Germany | Lenton mechanical splices |

6 Load transmitting steel parts / *Kuormia siirtävät teräosat*

| Producer / <i>Valmistaja</i> | Product / <i>Tuote</i> |
|-------------------------------------|--|
| Emeca Oy, Köyliö | Pile joint / <i>Paalujatkokset</i> Rock shoe / <i>kalliokärjet</i> Top pin / <i>kärkitapit</i> |
| Leimet Oy, Lappi | Pile joint / <i>Paalujatkokset</i> Rock shoe / <i>kalliokärjet</i> Top pin / <i>kärkitapit</i> |
| Pintos Oy, Lappi | <i>PB-, PBK-, PBR</i> lifting loops / <i>-nostolenkit</i> |
| Sormat Oy, Rusko | <i>S-KA-, S-KAD-, S-KAH-, S-KAH</i> <i>HCR ja S-KAK</i> metal anchors / <i>-kiila-ankkurit</i> |
| Peikko Finland Oy, Lahti | <i>HPM/L</i> bolts / <i>-harjateräspultit</i> <i>PPM</i> bolts / <i>-pultit</i> |
| Deltabeam Slovakia s.r.o., Slovakia | <i>HPM/L</i> bolts / <i>-harjateräspultit</i> <i>PPM</i> bolts / <i>-pultit</i> |

7 Prestressing steels / Jänneteräkset

| Producer / Valmistaja | Products / Tuote | |
|---|---------------------|---|
| FNsteel Dalwire Oy Ab Taalintehdas | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| ArcelorMittal Fontaine Belgium | Y1860S7-9,3-I-R1 | indented / <i>kuvioitu</i> |
| | Y1860S7-12,5-I-R1 | indented / <i>kuvioitu.</i> |
| | Y1860S7-15,7-R1 | smooth / <i>sileä</i> |
| FNsteel Hjulsbro Ab Sweden | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-R1 | smooth / <i>sileä</i> |
| | Y1670S7-15,2-R1 | smooth / <i>sileä</i> |
| | Y1770S7-15,7-R1 | smooth / <i>sileä.</i> |
| | Y1860S7-15,7-R1 | smooth / <i>sileä.</i> |
| | Y1860S3-6,5-I-R1 | indented / <i>kuvioitu</i> |
| | Y1860S3-6,9-I-R1 | indented / <i>kuvioitu</i> |
| voestalpine-Austria Draht GmbH, Austria | Y1860S7-9,3-I-R1 | indented / <i>kuvioitu</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-R1 | smooth / <i>sileä</i> |
| Emesa Trefileria S.A., Spain | Y1770S7-15,2-R1 | smooth / <i>sileä</i> HDPE |
| | Y1860S7-15,2-R1 | smooth / <i>sileä</i> HDPE |
| | Y1770S7-15,7-R1 | smooth / <i>sileä</i> HDPE |
| | Y1860S7-15,7-R1 | smooth / <i>sileä</i> HDPE |
| Trenzas y Cables de Acero PSC, S.L. (Tyrsa), Spain | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-R1 | smooth / <i>sileä</i> |
| | Y1860S7-15,3-R1 | smooth / <i>sileä</i> |
| | Y1770S7-15,7-R1 | smooth / <i>sileä</i> HDPE |
| | Y1860S7-15,7-R1 | smooth / <i>sileä</i> HDPE |

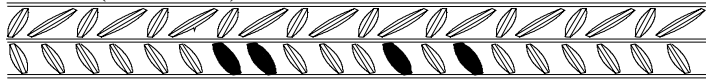
(cont. / jatkuu)

8 Prestressing steels / Jänneteräkset (cont. / jatkoa)

| <i>Valmistaja</i> | <i>Tuote</i> | |
|--|---------------------|---|
| Nedri Spanstaal BV, The Netherlands | Y1770S7-15,7-R1 | smooth / <i>sileä</i> HDPE |
| D&D Drótáru Zrt, Hungary | Y1860S7-9,3-R1 | smooth / <i>sileä</i> |
| | Y1860S7-12,5-R1 | smooth / <i>sileä</i> |
| Fapricela Indústria de Trefilaria S.A., Portugal | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-R1 | smooth / <i>sileä</i> |
| | Y1860S7-15,2-R1 | smooth / <i>sileä</i> HDPE |
| | Y1860S7-15,7-R1 | smooth / <i>sileä</i> HDPE |
| | Y1860S3-6,5-I-R1 | indented / <i>kuvioitu</i> |
| Allan Karasti Oy (Siam Industrial Wire Co. Ltd., Thailand) | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| Anordica AB (valmistaja JCS "Severstal-Metiz", Russia) | Y1860S7-9,3-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,5-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |
| | Y1860S7-12,9-(I-)R1 | smooth (indented) / <i>sileä (kuvioitu)</i> |

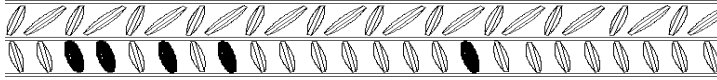
Hot rolled ribbed bars / *Kuumavalssatut harjatangot*

ALPA (A500HW)



3/1

Celsa Huta Ostrowiec Sp.z.o.o. (A500HW)



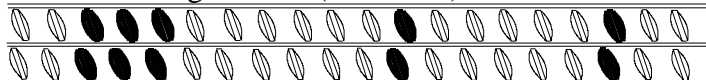
1/17

Celsa Armeringsstål AS (A500HW)



6/5

Celsa Armeringsstål AS (A700HW)



6/5

H.E.S. Hennigsdorfer Elektrostahlwerke GmbH (A500HW)



1/9

Iton-Seine S.A.S. (A500HW)



3/9

BSW Badische Stahlwerke GbmH (A500HR)



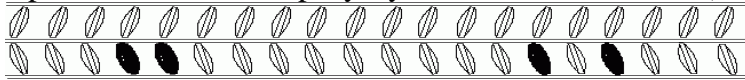
1/21

Open Joint-Stock Company Byelorussian Steel Works (BMZ) (A500HW)



9/1

Open Joint-Stock Company Byelorussian Steel Works (BMZ) (A700HW)



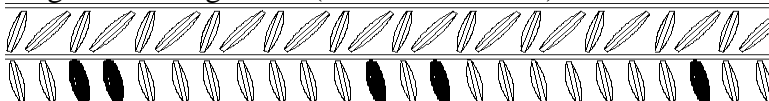
9/1

JSC Liepajas Metalurgs (A500HW)



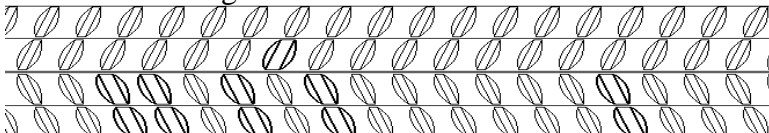
6/6

Megasa Siderúrgica SL (B500B SFS 1268)



7/17

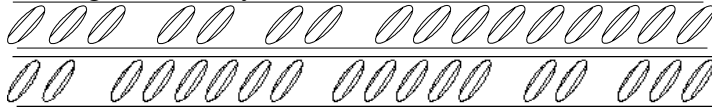
BES Brandenburger Elektrostahlwerke GmbH



1/16

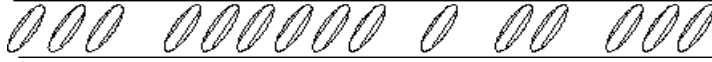
Cold worked bars B500K /Kylmämuokatut harjatangot B500K

Helsingin Rauta Oy Koskensaaren tehdas, Kintaus



2/2 or
6/5/2

Pintos Oy, Eura



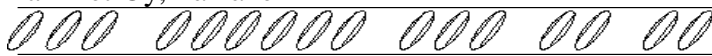
6/1/2

Pintos Oy, Lappi



6/2/2

Tammet Oy, Pälkäne



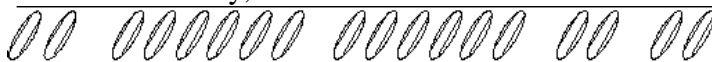
6/3/2

Rämö Oy, Imatra



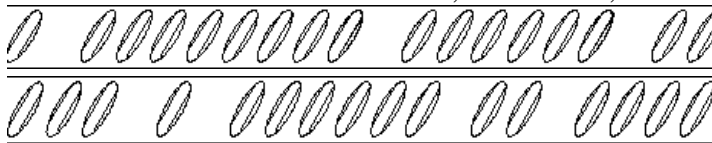
6/4/2

Peikko Finland Oy, Lahti



6/6/2

Westfälische Drahtindustrie GmbH, Büdelsdorf, Germany



1/8/6 and
1/6/2

PPU "Ecosteel" Sp. zo.o., Poland



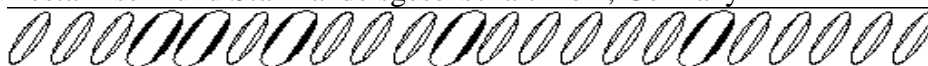
1/4/9

Matservis Sp. Zo.o., Puola, Poland



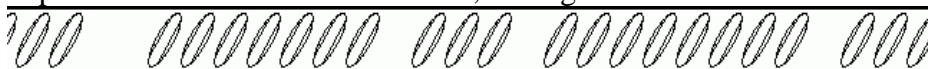
9/2/5

Besta Eisen- und Stahlhandelsgesellschaft mbH, Germany



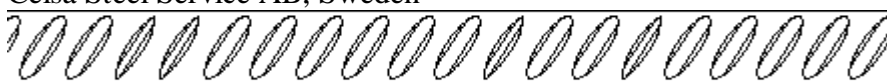
1/3/5

Fapricela Industria de Trefilaria S.A., Portugal



7/3/8

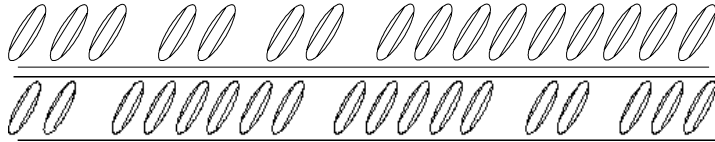
Celsa Steel Service AB, Sweden



6/2

**Cold worked stainless steel bars B600KX /
Kylmämuokatut ruostumattomat harjatangot B600KX**

Helsingin Rauta Oy Koskensaaren tehdas, Kintaus



2/2 or

6/5/2

Pintos Oy, Lappi



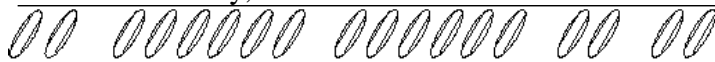
6/2/2

Tammet Oy, Pälkäne



6/3/2

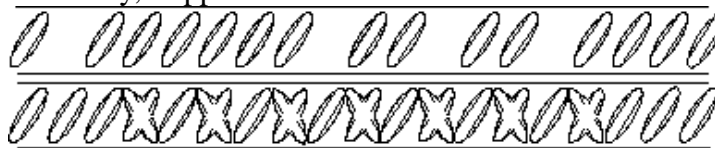
Peikko Finland Oy, Lahti



6/6/2

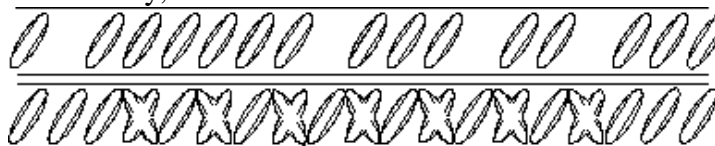
Cold worked bars B700K /Kylmämuokatut harjatangot B700K

Pintos Oy, Lappi



6/2/2

Tammet Oy, Pälkäne



6/3/2