

PROFMASH

HYDRAULIC CYLINDERS

PE "PROFMASH" The manufacturer of hydraulic cylinders 72319, Zaporizhzhya region, Melitopol, Heroiv Ukrainy street, 210/3
EDRPOU: 35432651 Account number: 26000455043380 OTP Bank in Kyiv TIN 354326508325 The number of certificate 100345311

Dear Sirs,

Production company «Profmash» from Ukraine want to consider cooperation with you and needs to purchase honed tubes (pipes) for the production of hydraulic cylinders.

Please provide your price quote for the following types of pipes:

50x40 – 2 000 kg
55x45 – 3 000 kg
56x45 – 2 000 kg
57x50 – 5 000 kg
60x50 – 2 000 kg
70x63 – 2 000 kg
73x63 – 10 000 kg
74x63 – 2 000 kg
85x75 – 2 000 kg
88x80 – 15 000 kg
90x80 – 10 000 kg
91x80 – 2 000 kg
105x95 – 5 000 kg
110x98 – 5 000 kg
110x100 – 5 000 kg
111x95 – 3 000 kg
120x110 – 2 000 kg
130x113,5 – 5 000 kg
130x115 – 5 000 kg
135x120 – 3 000 kg
135x125 – 10 000 kg
160x138 – 5 000 kg
160x140 – 5 000 kg

Our technical requirements for pipes H9:

1. Material E355 / ST52 / Q345B.
2. Technical delivery conditions - standard EN10305-1 / DIN2391.
3. The inner diameter must comply with the H9 quality.
4. The cleanliness of the surface of the inner diameter $Ra \leq 1.25$
5. Tolerance of the outer diameter of the pipe $+0 \dots +0.5$ mm.
6. The outer diameter of one pipe blank along the entire length should have a deviation of not more than 0.2 mm.
7. The outer diameter must be smooth (for painting without additional surface treatment), the presence of pore shells and other defects is not allowed.
8. Deviations from the straightness of the pipe not more than 1 mm over a length of 1000 mm.
9. The difference in any pipe section is not more than 0.2 mm. (deviation of the minimum from the maximum value of the wall thickness in any section of the pipe is not more than 0.2 mm).

10. Finished pipes must have a tensile strength of at least 750 MPa and a yield strength of at least 600 MPa.
11. Marking is not permitted on pipes.

We also need to purchase a rod with a chrome plating (chrome plated bar) for the production of hydraulic cylinders:

Please provide your price quote for the following types of rods:

- chrome plated rod with a diameter of 25 mm – 5 000 kg
- chrome plated rod with a diameter of 40 mm – 15 000 kg
- chrome plated rod with a diameter of 50 mm – 25 000 kg
- chrome plated rod with a diameter of 55 mm – 7 000 kg
- chrome plated rod with a diameter of 60 mm – 7 000 kg
- chrome plated rod with a diameter of 63 mm – 7 000 kg

Our technical requirements for Chromed bars (rods):

1. Material - C45E
2. The hardness of the rod (Brinell) is 172...242 N/mm² (HBW)
3. Diameter - in accordance with f7
4. Roundness - 1/2 tolerance on diameter
5. Roughness Ra - not more than 0.2 microns
6. The thickness of the chrome layer is not less than 20 microns.
7. The hardness of the chrome layer - not less than 900HV
8. Straightness - maximum 0.2 mm per 1000 mm
9. Corrosion resistance - grade 9 after 120 hours in NSS (standard)

Is there a technical end to it?

Please indicate the price for a given scope of supply, production time, payment terms and other terms of cooperation with your company.

With respect and hope for cooperation,
Valentina

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