

ТИПОВЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ ЗДАНИЙ И СООРУЖЕНИЙ

СЕРИЯ 1.020.1-4

КОНСТРУКЦИИ РАМНОГО КАРКАСА МЕЖВИДОВОГО ПРИМЕНЕНИЯ
ДЛЯ МНОГОЭТАЖНЫХ ОБЩЕСТВЕННЫХ ЗДАНИЙ, ПРОИЗВОДСТВЕННЫХ
И ВСПОМОГАТЕЛЬНЫХ ЗДАНИЙ ПРОМЫШЛЕННЫХ ПРЕДПРИЯТИЙ

выпуск 0-9

УКАЗАНИЯ ПО ПОДБОРУ ЭЛЕМЕНТОВ КАРКАСА
(Вариант армирования изделий сталью классов Ат-IVC и Врп-I).

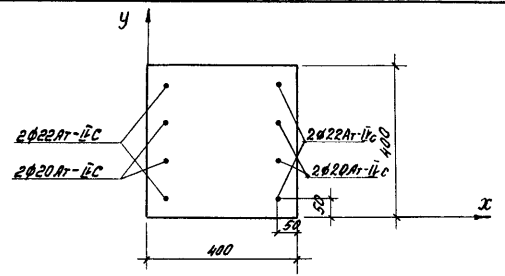
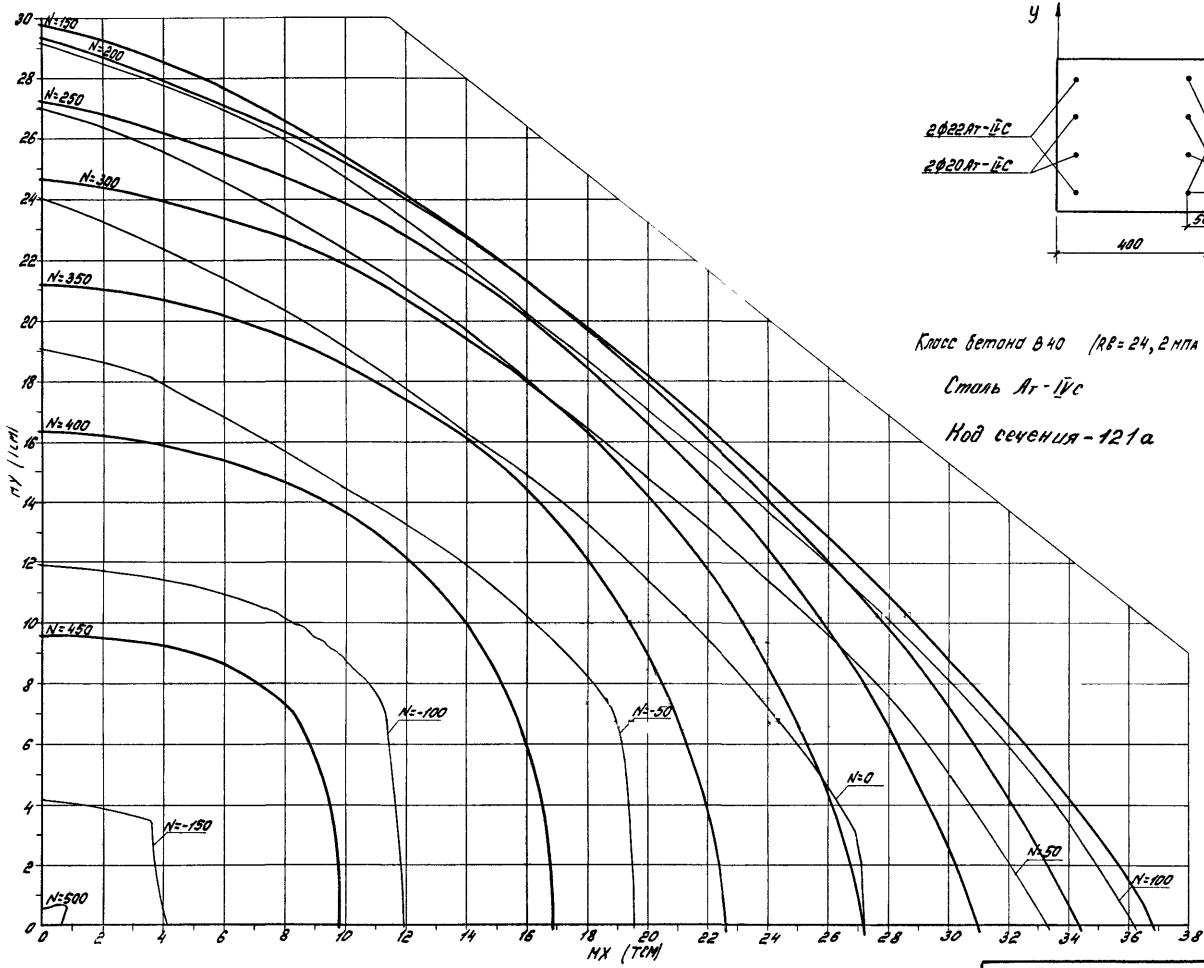
часть 2

стр.112-239

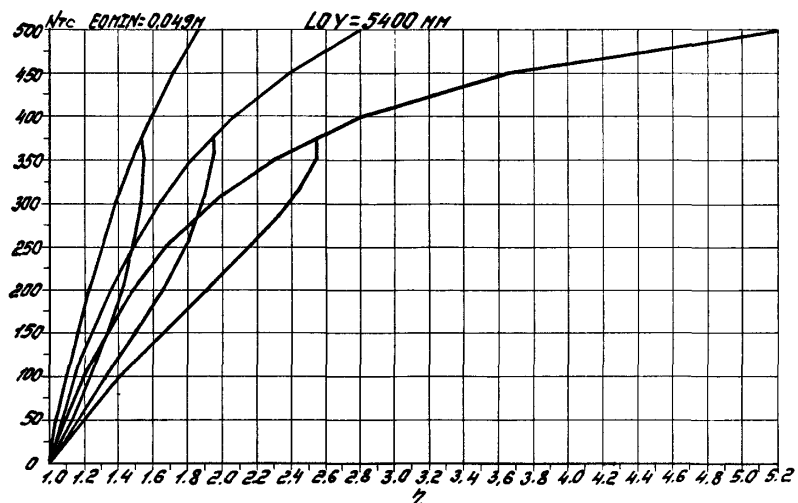
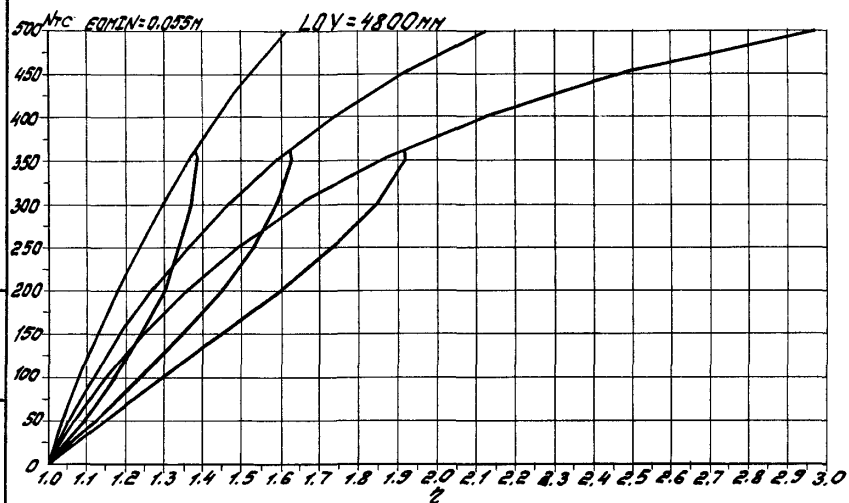
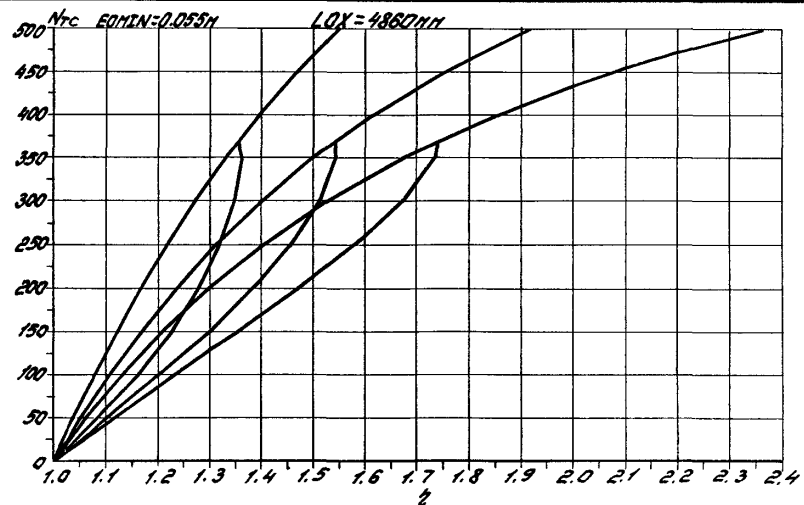
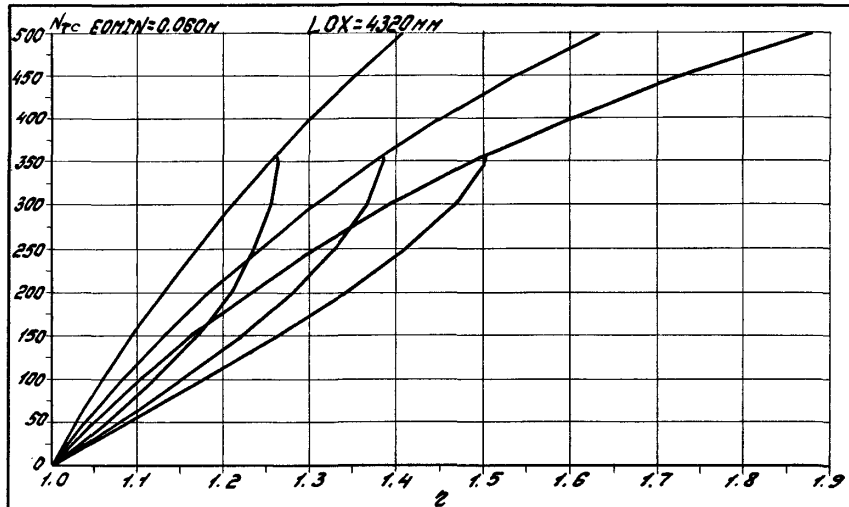
Книга 2

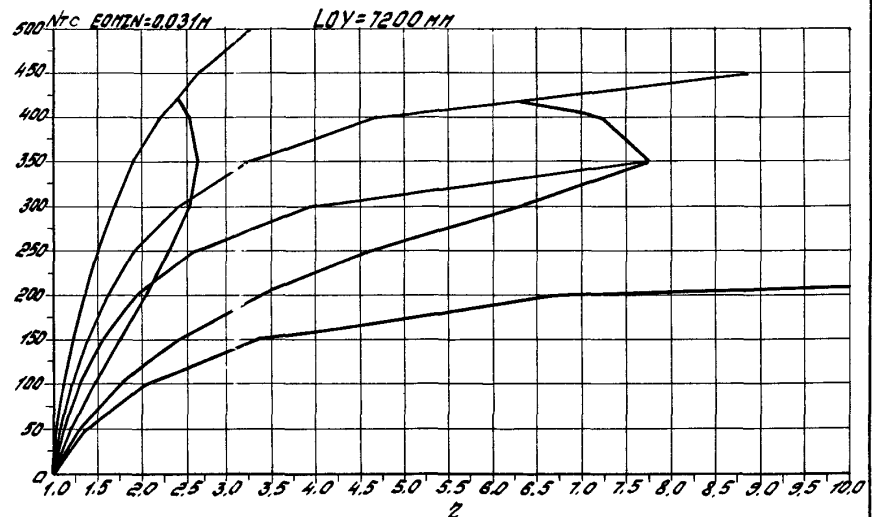
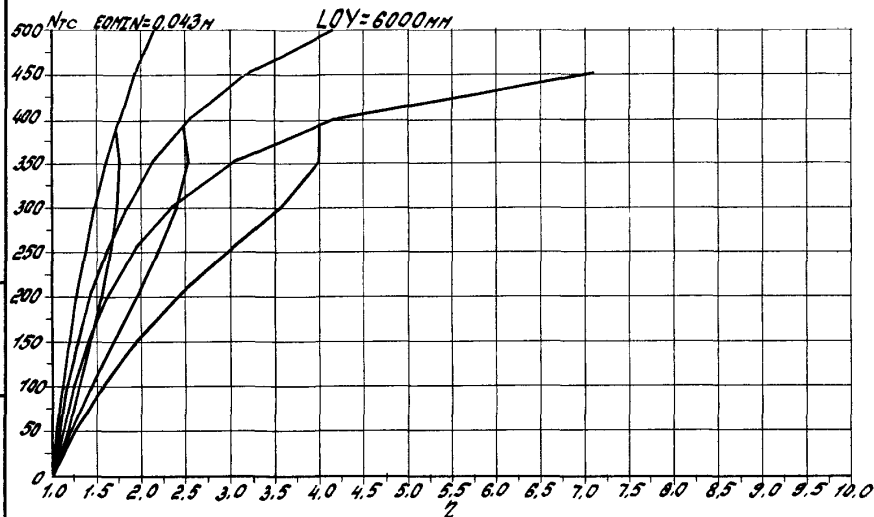
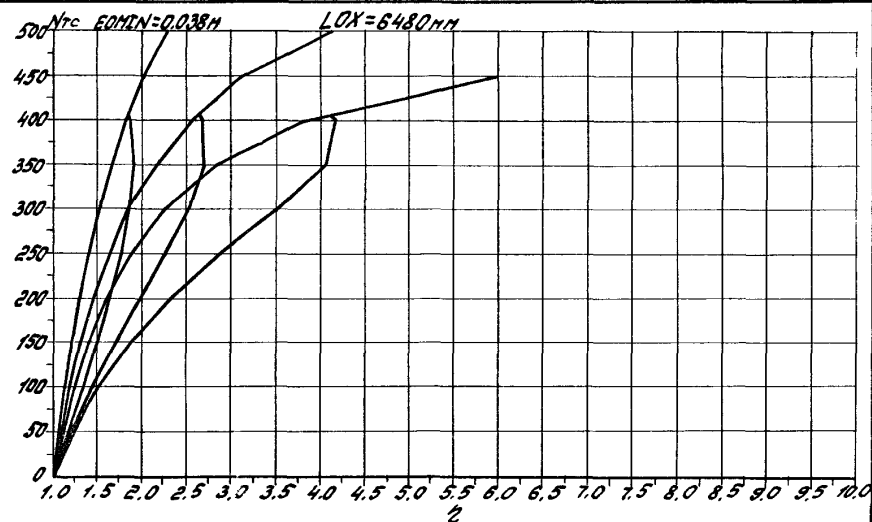
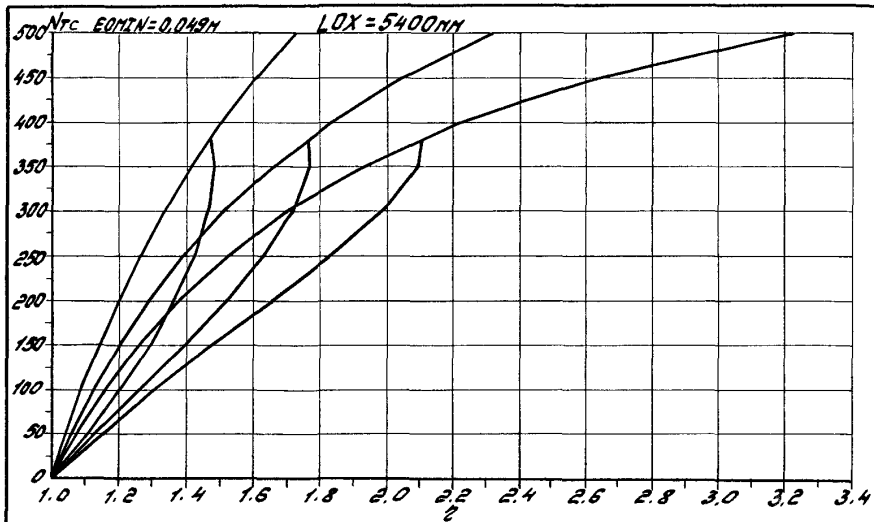
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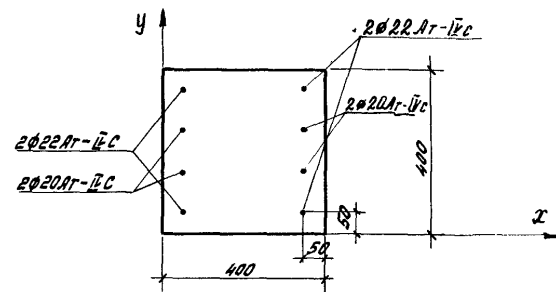
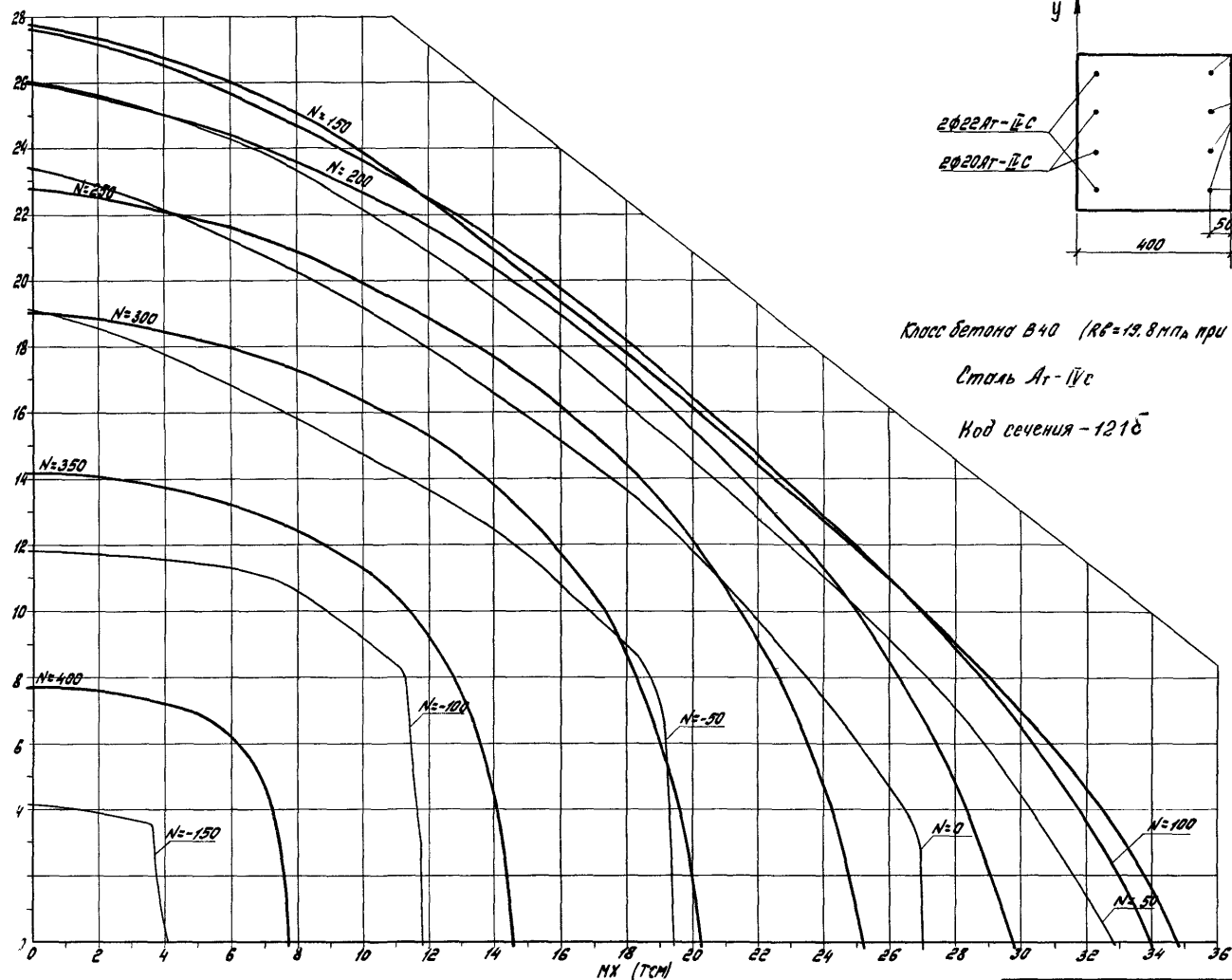
ОКОНЧАНИЕ
24166-02



Класс бетона В40 ($R_b = 24$, 2 н.п. при учёте $\gamma_{b2} = 1,10$)
 Сталь At-IVc
 Нод сечения-121а



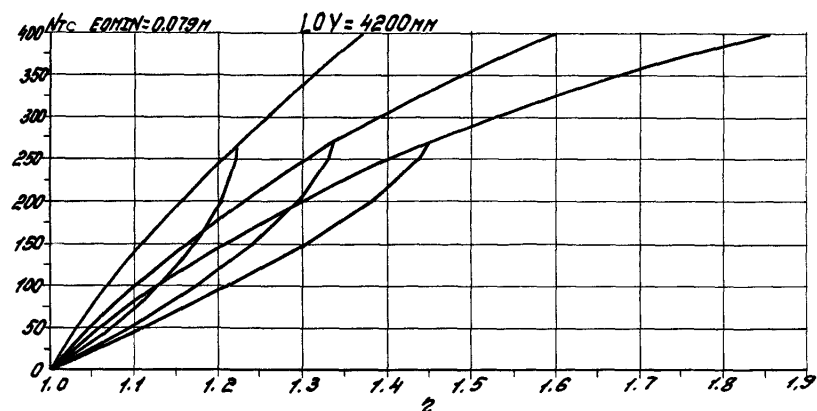
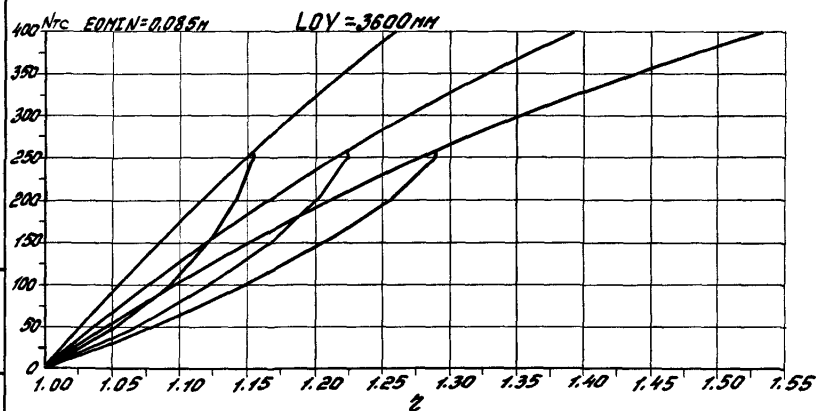
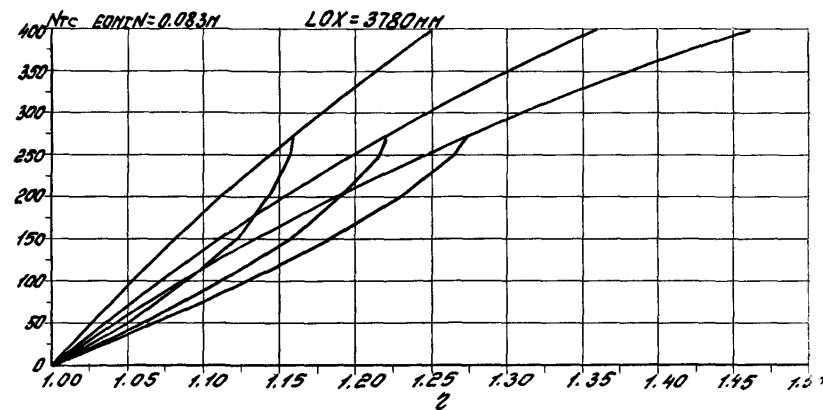
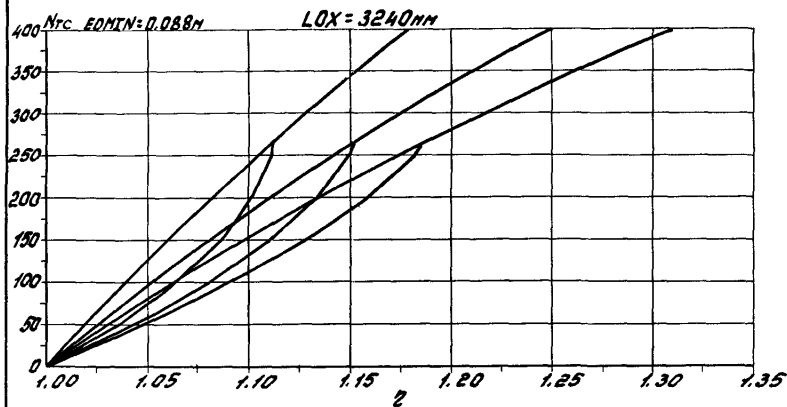


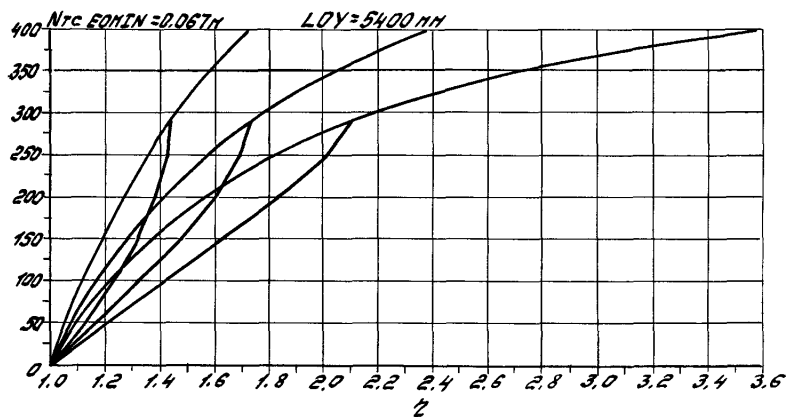
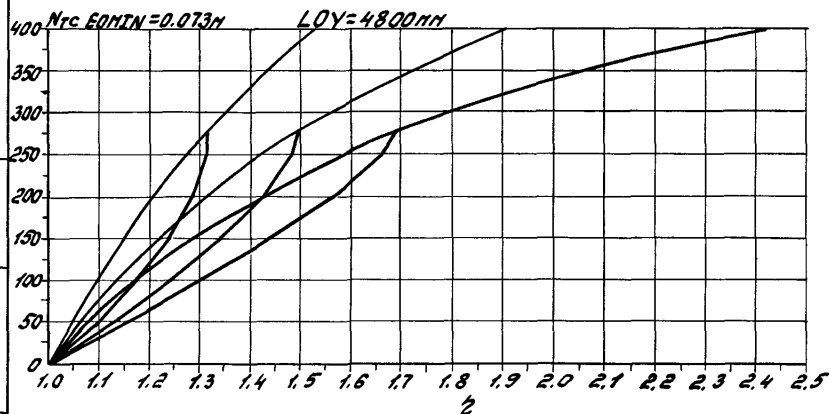
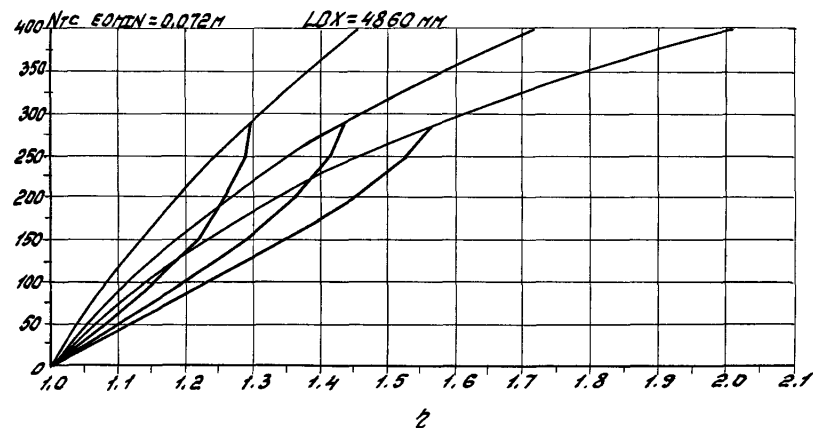
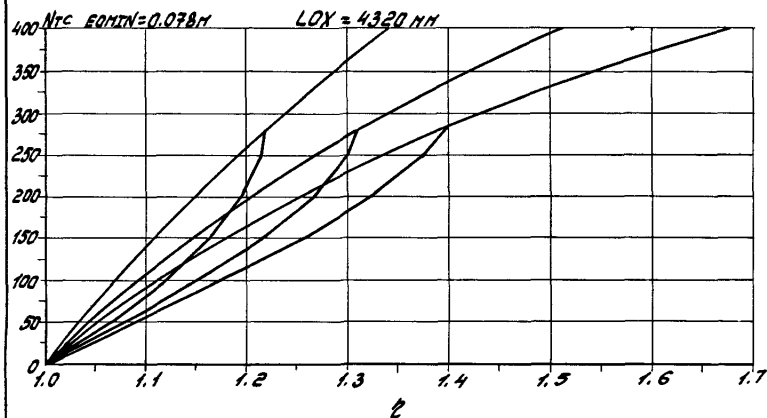


Класс бетона В40 ($R_b = 19.8 \text{ МПа}$ при учете $\gamma_{ce} = 0.90$)

Сталь Ar-IVc

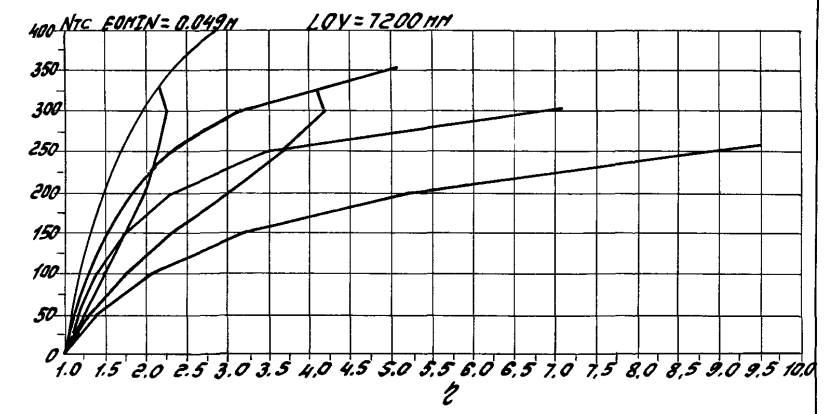
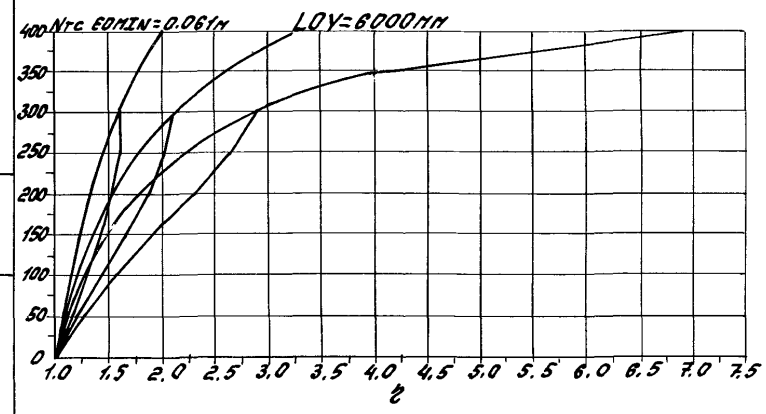
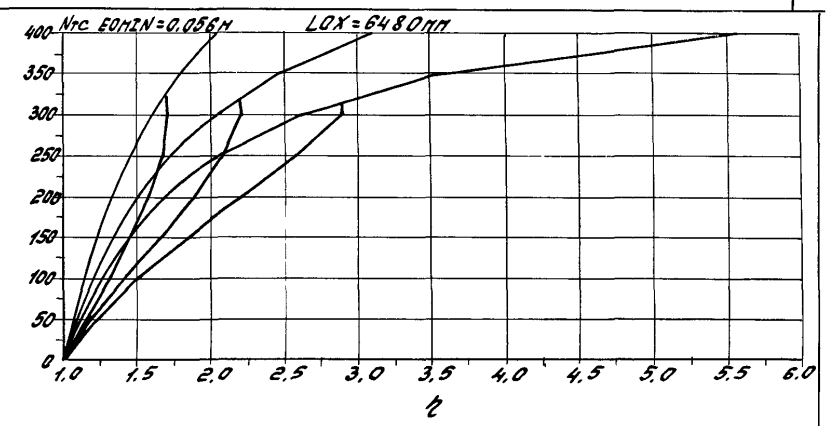
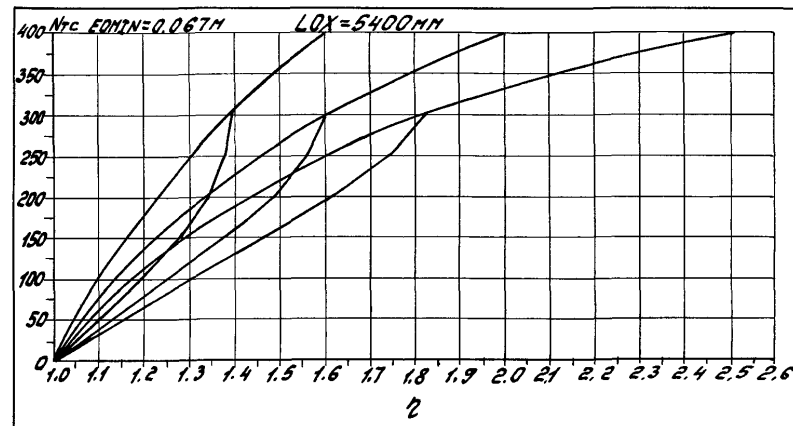
Код сечения - 1216



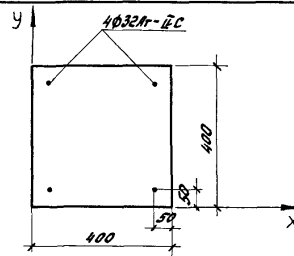
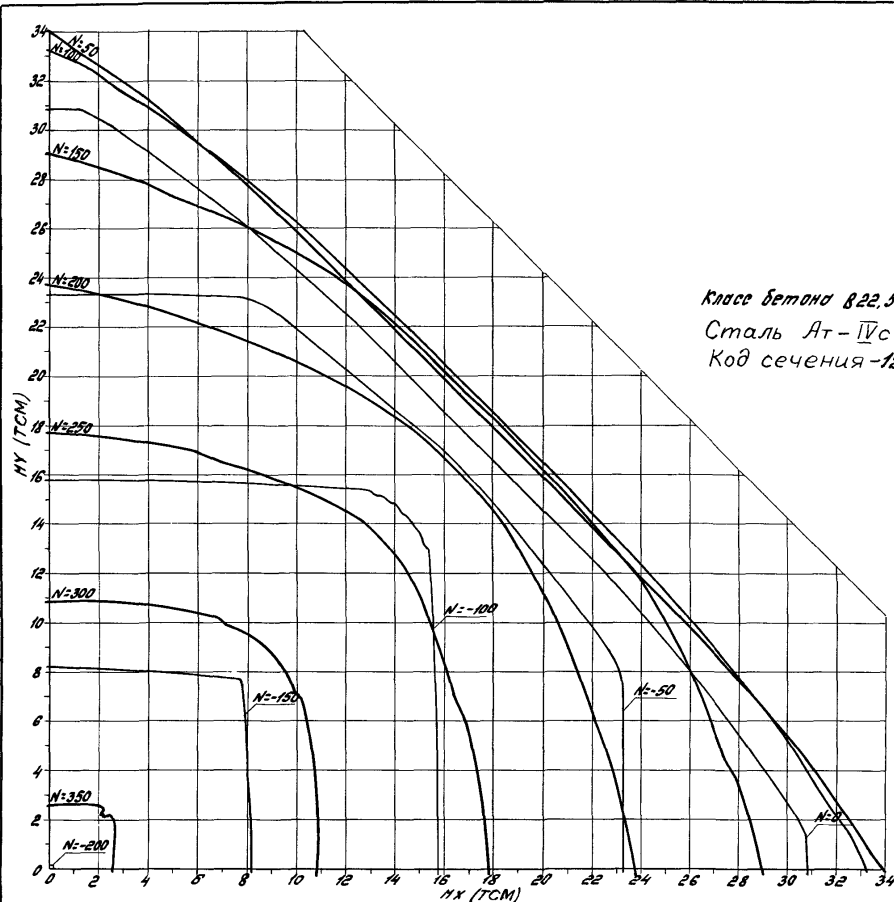


1.020.1-4 0-9 002

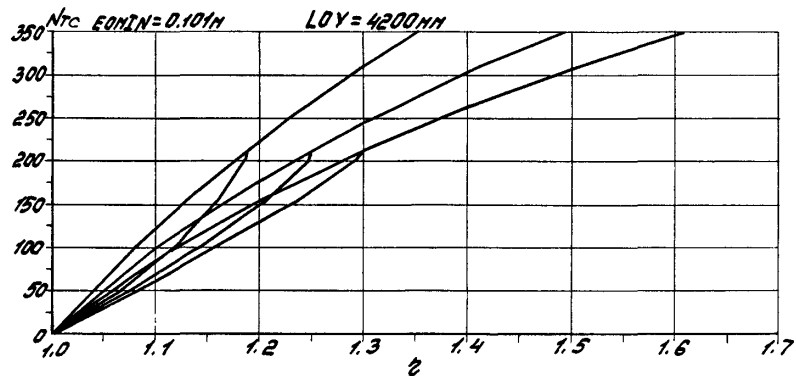
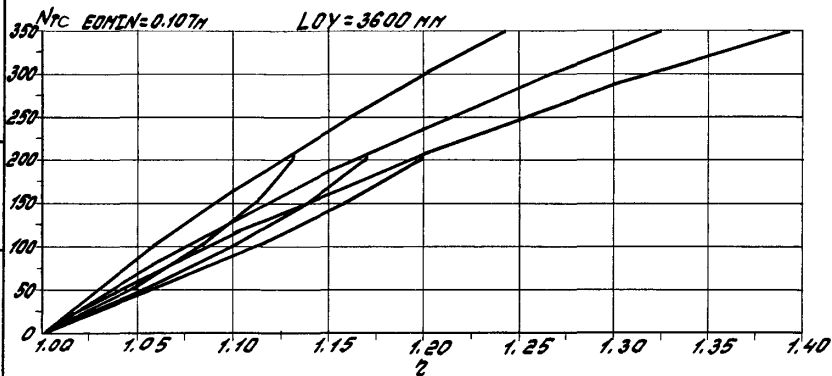
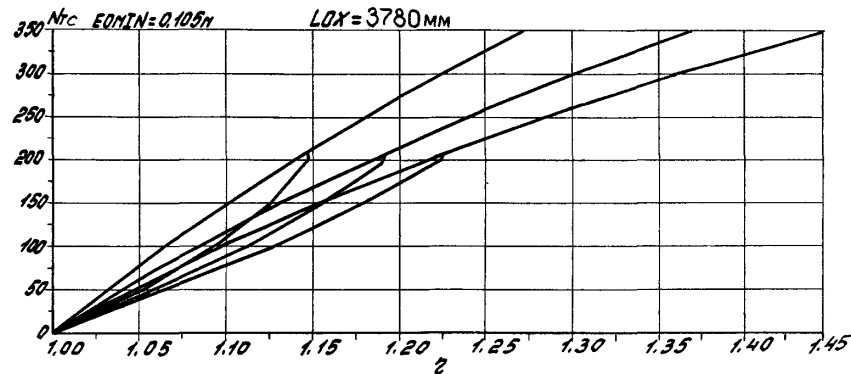
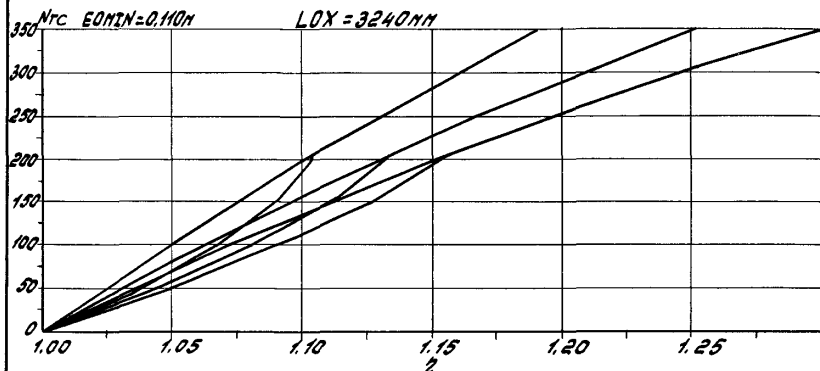
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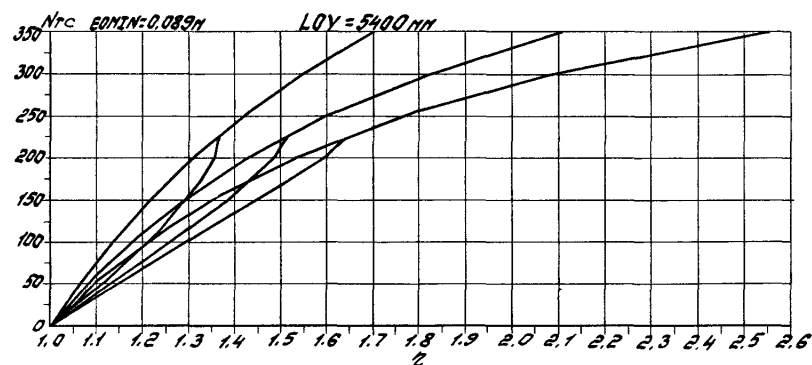
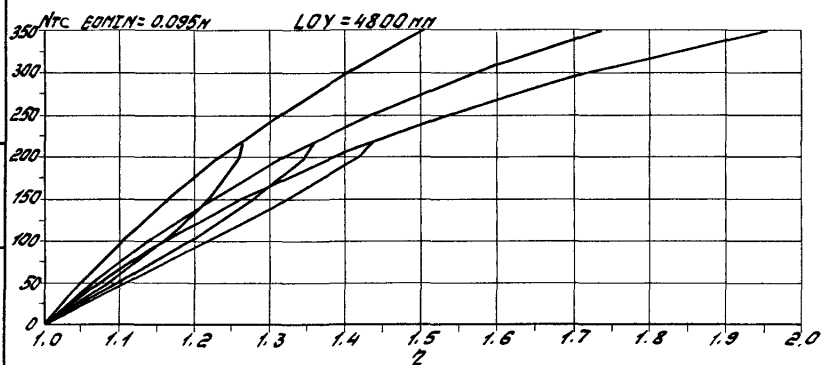
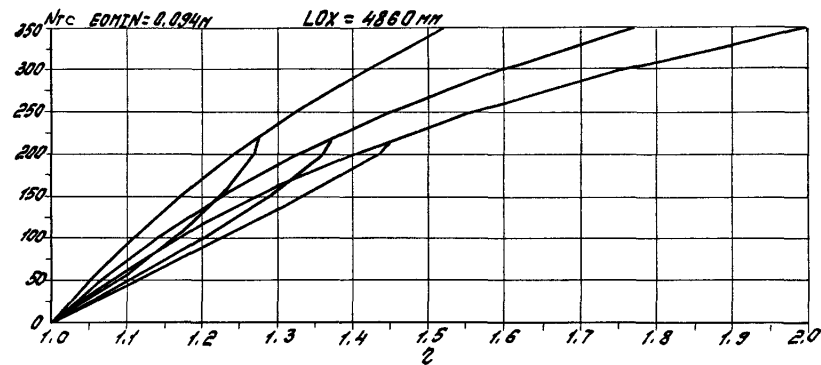
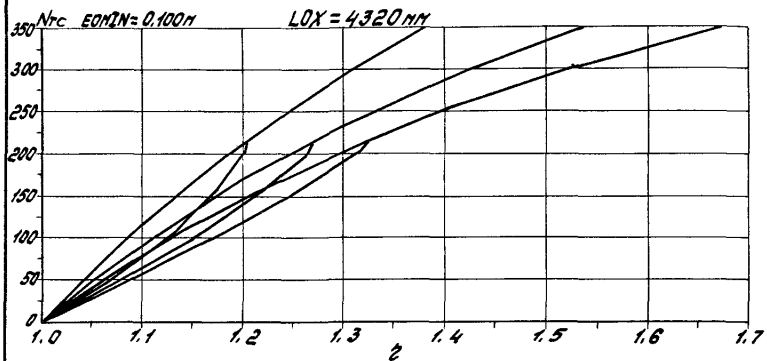


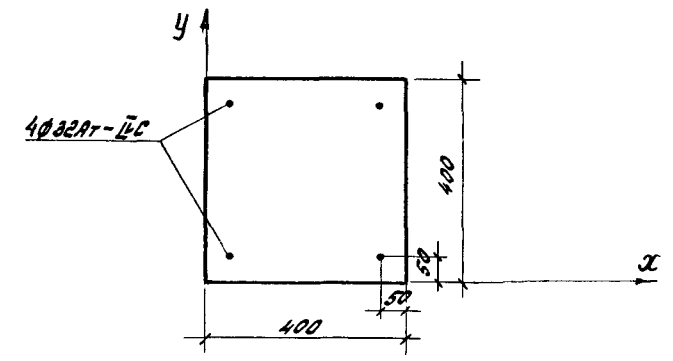
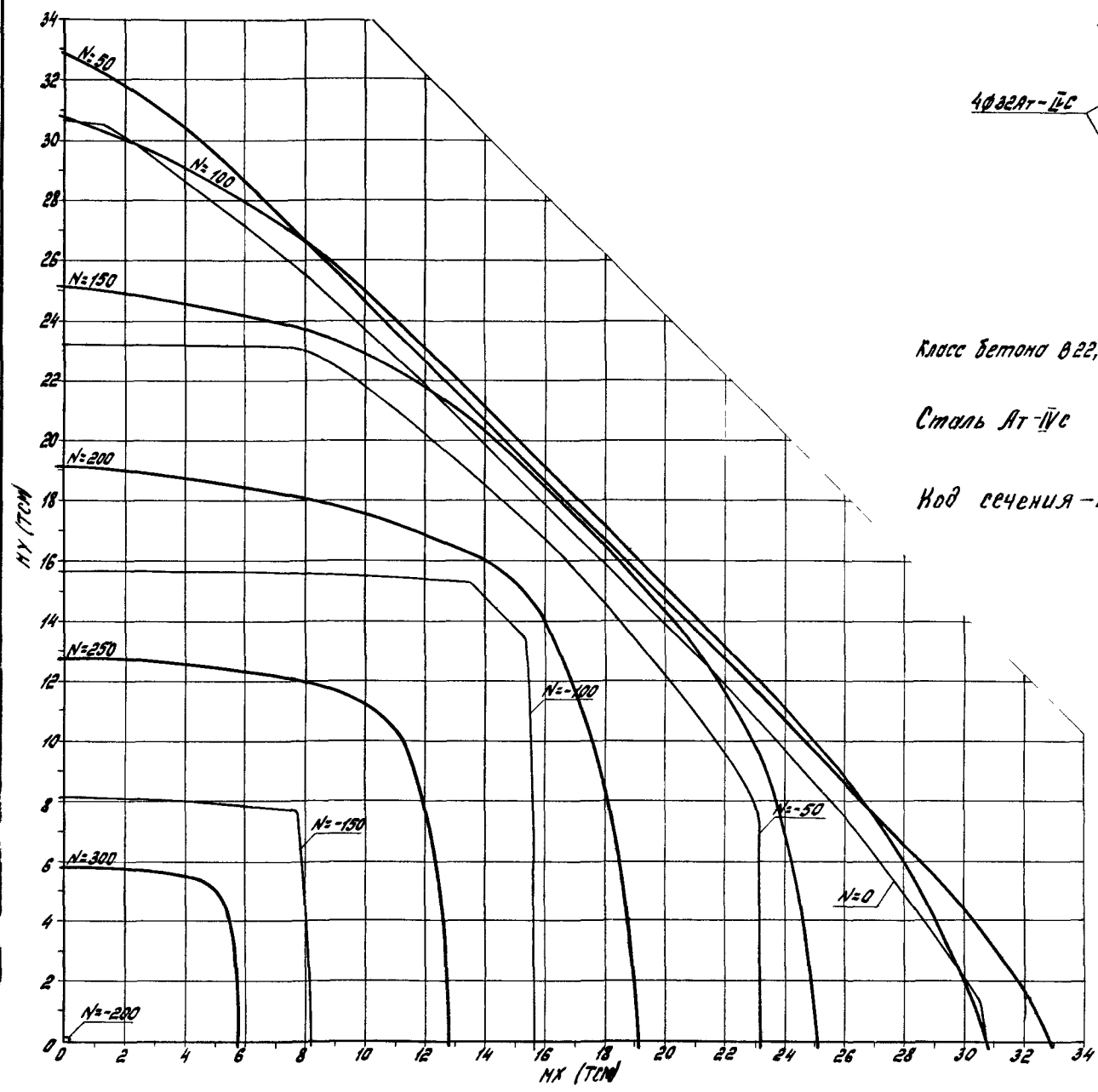
Шиф. Нисодн. Подписи и дата Взам. инв. №



Класс бетона В22,5 ($R_b = 14.3 \text{ МПа}$ при учёте $\gamma_{b2} = 1.10$)
 Сталь АТ-IVс
 Код сечения-122а



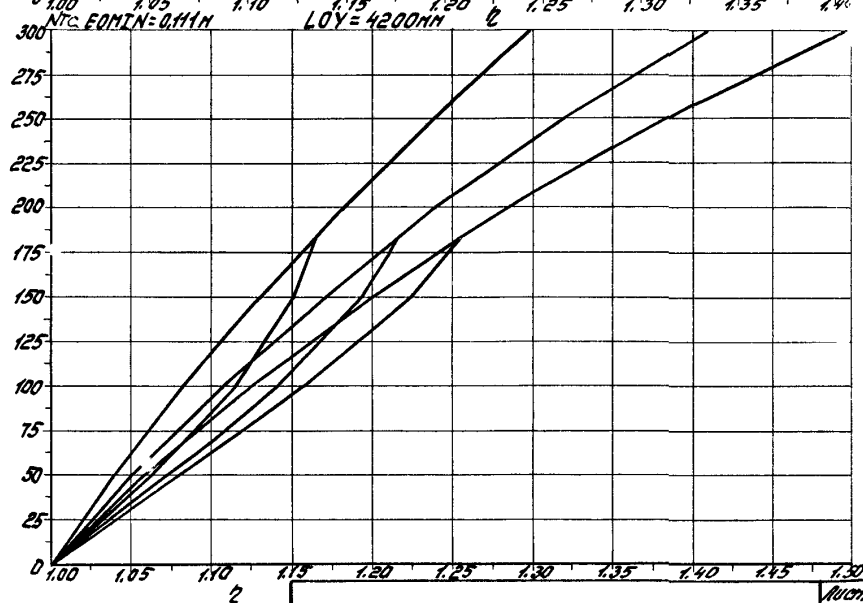
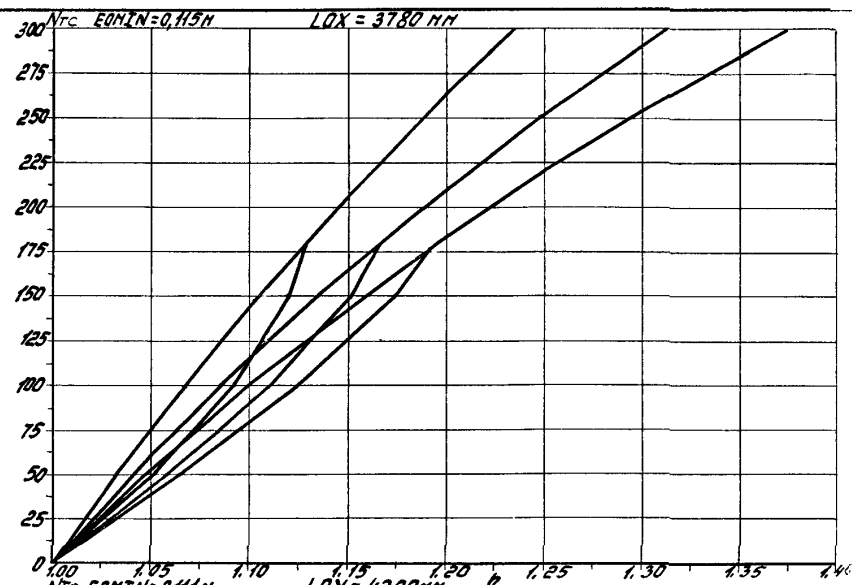
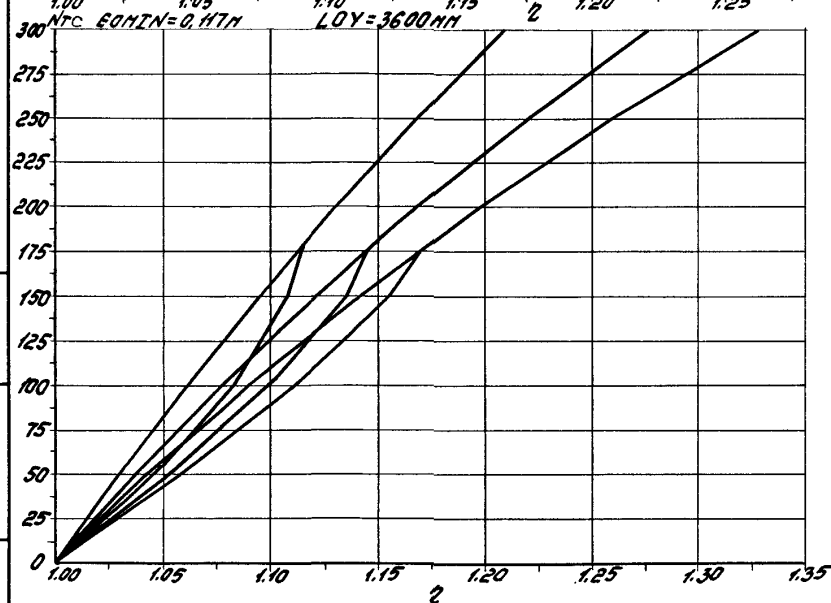
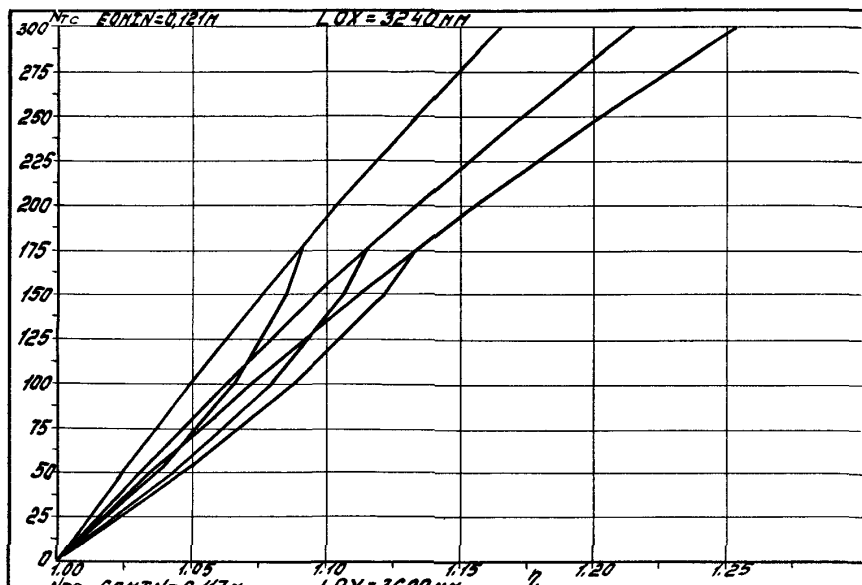




Класс бетона В22,5 ($R_b = 11$, типа при учете $\gamma_{b2} = 0.90$)

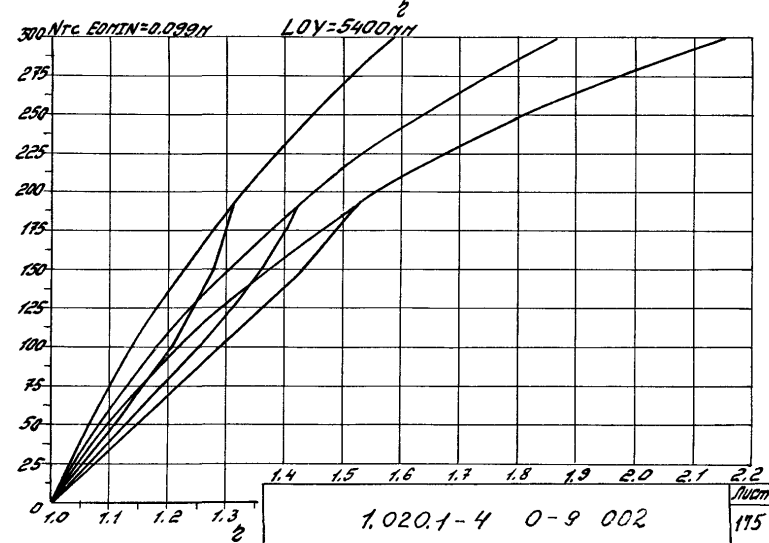
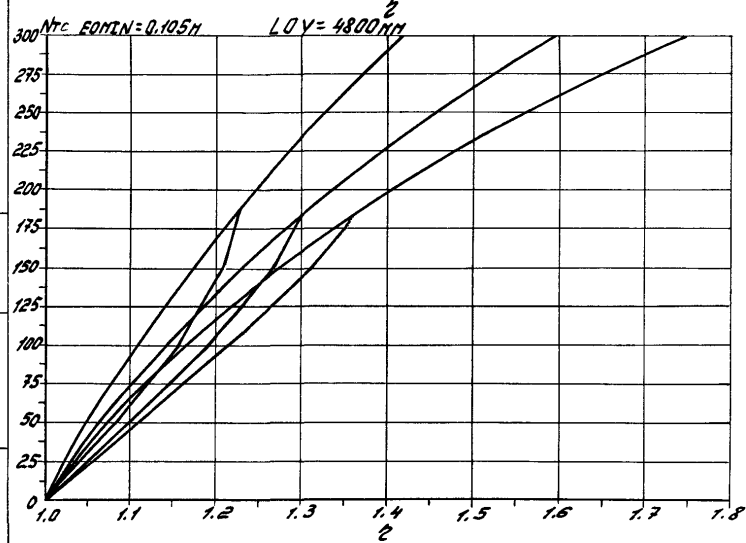
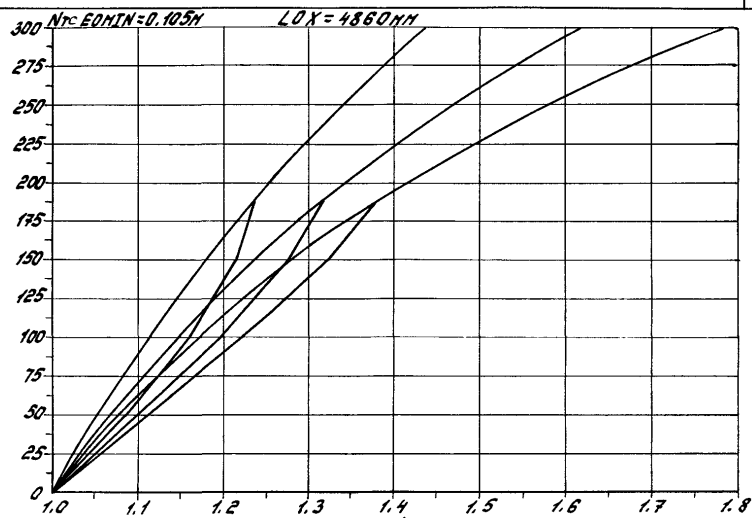
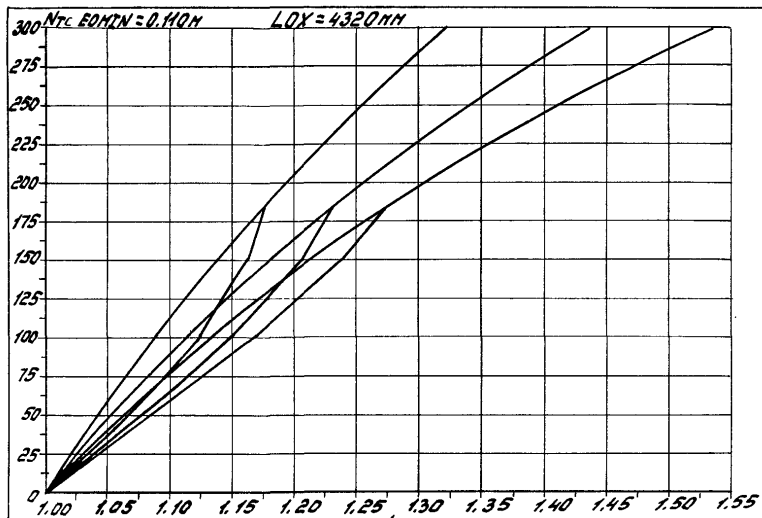
Сталь Ат-IVс

Код сечения - 1225



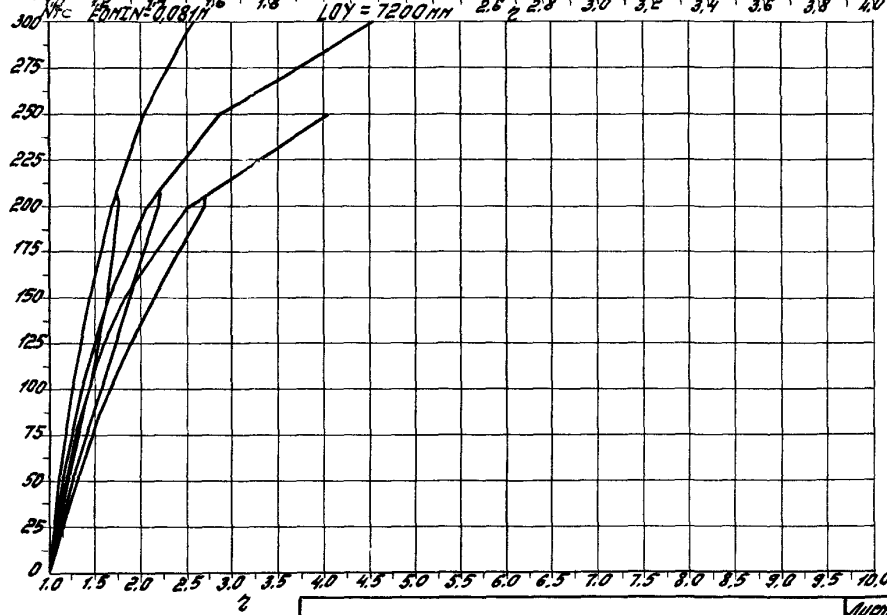
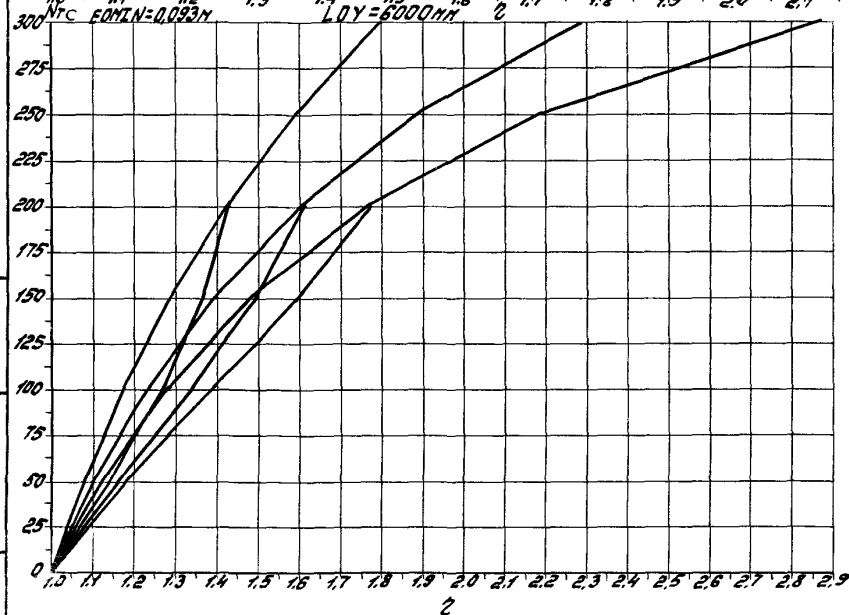
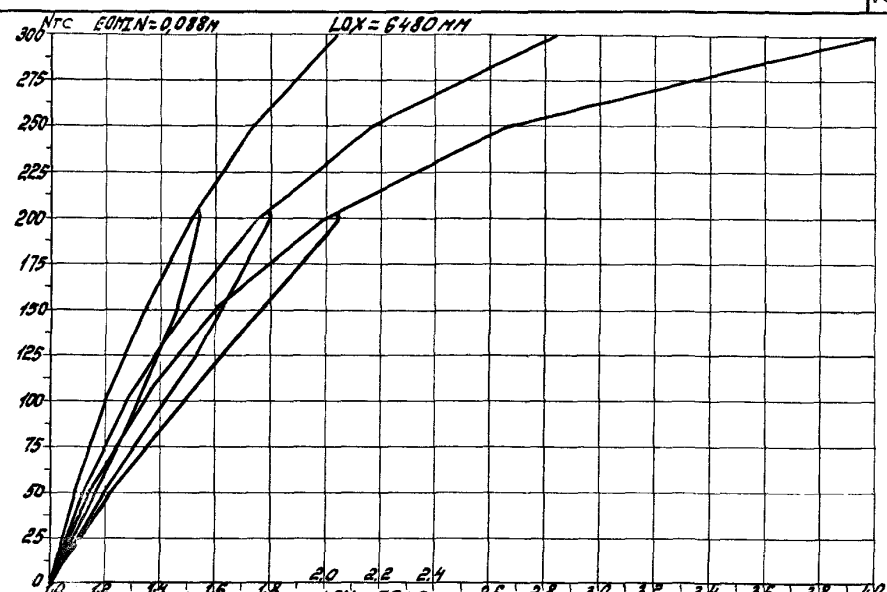
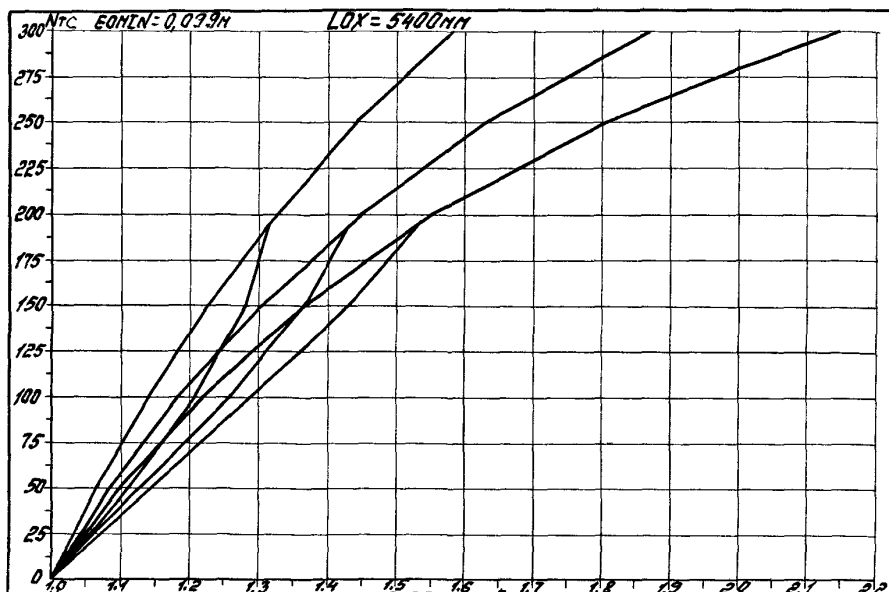
1.020.1-4 0-9 002

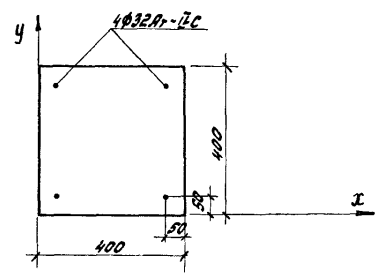
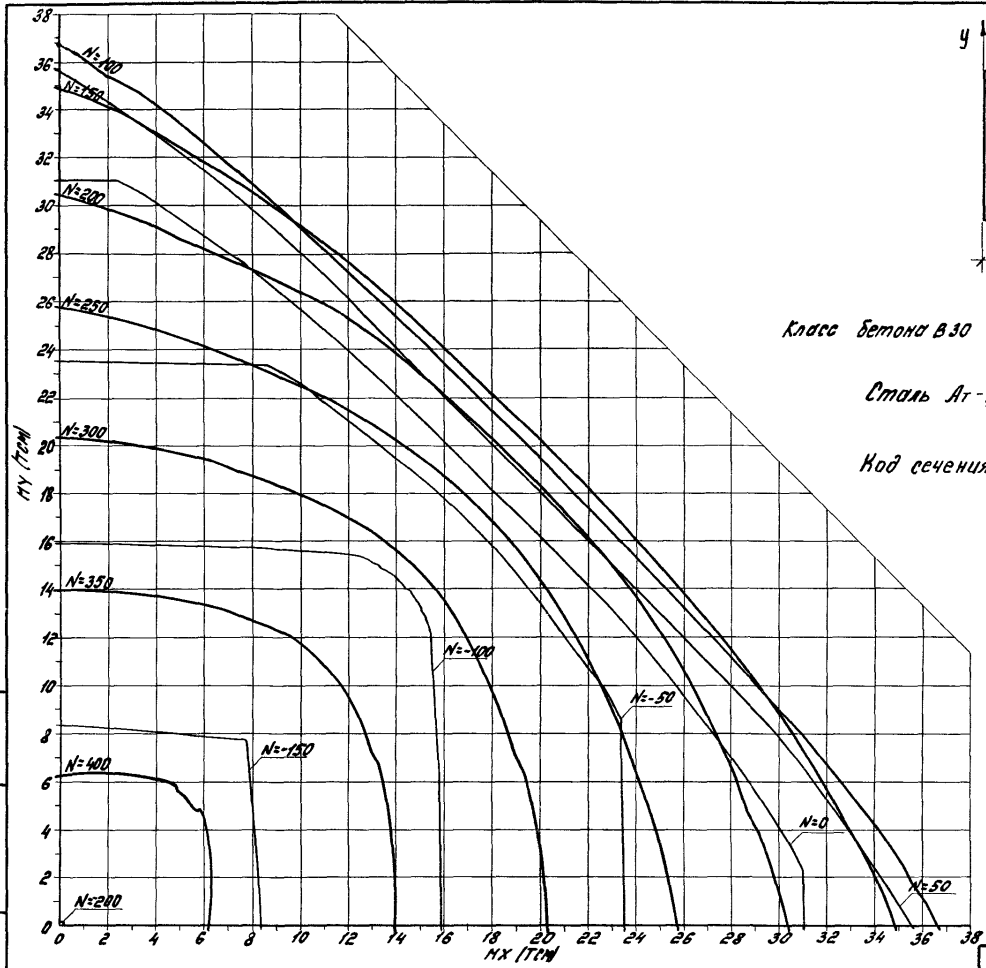
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175

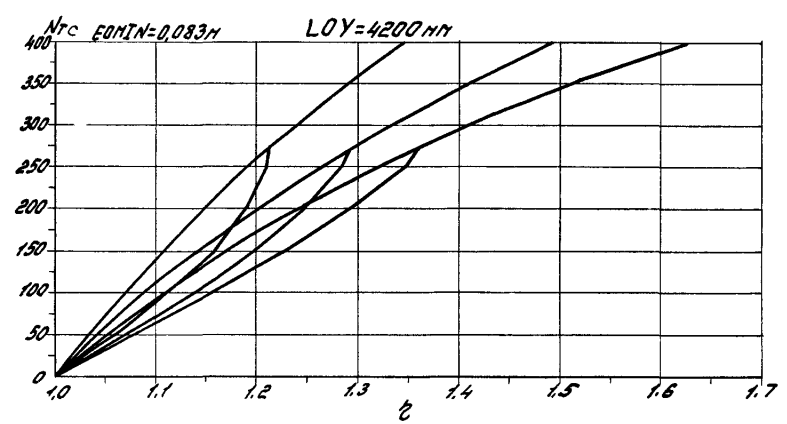
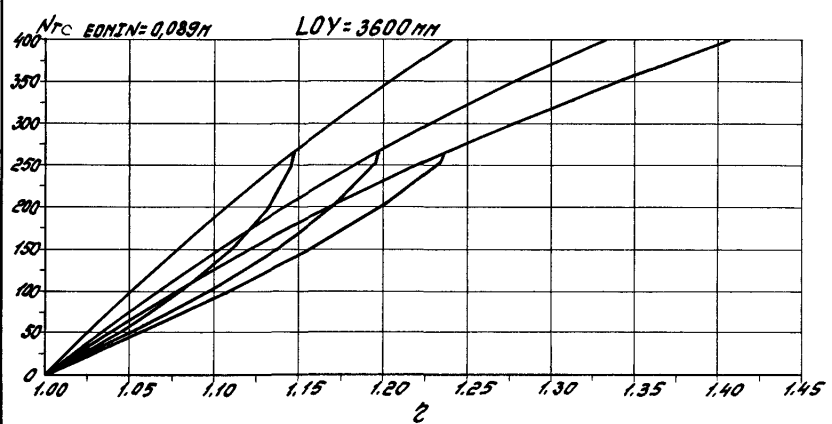
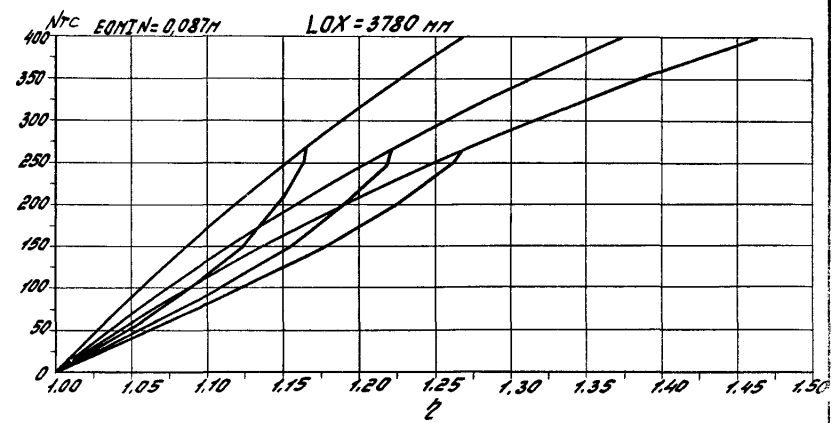
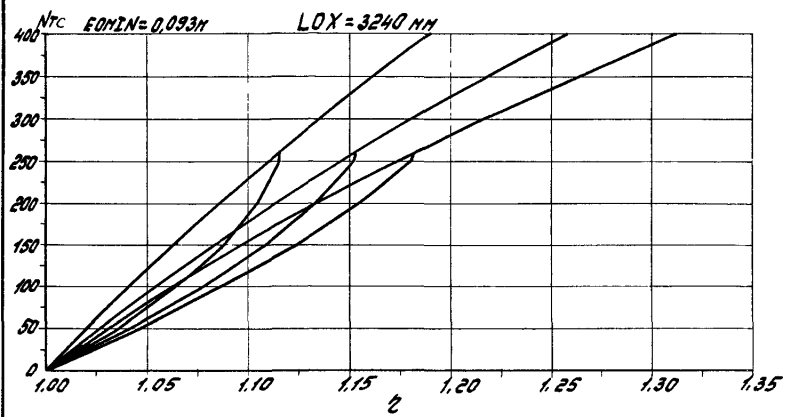


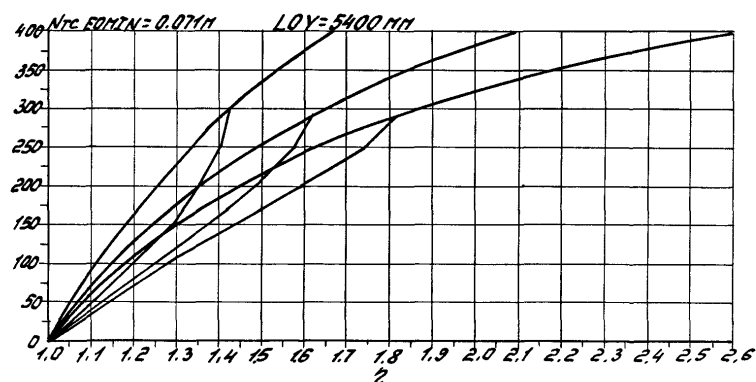
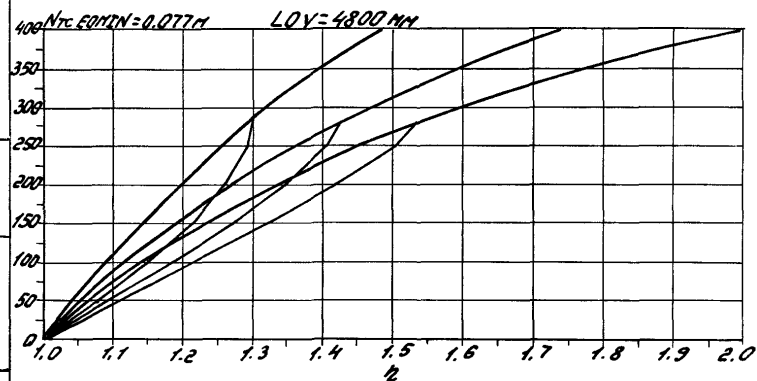
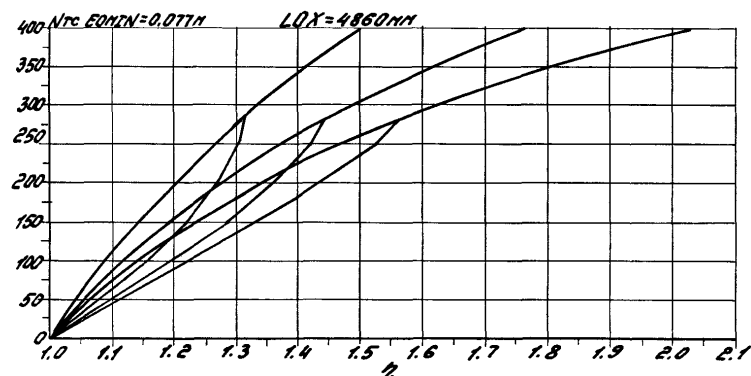
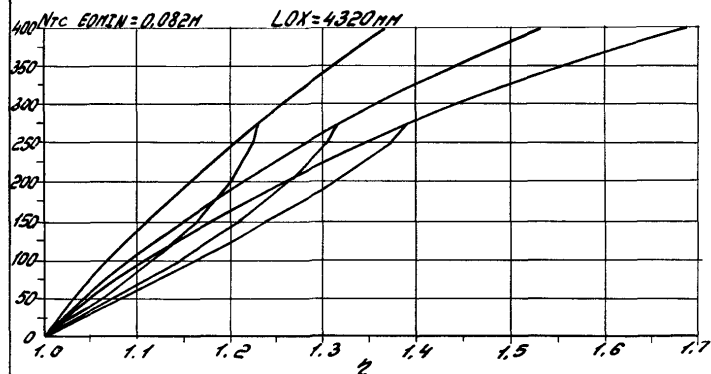


Класс бетона В30 ($R_b = 18$ МПа при учёте $\gamma_{b2} = 1,10$)

Сталь Аг-IVс

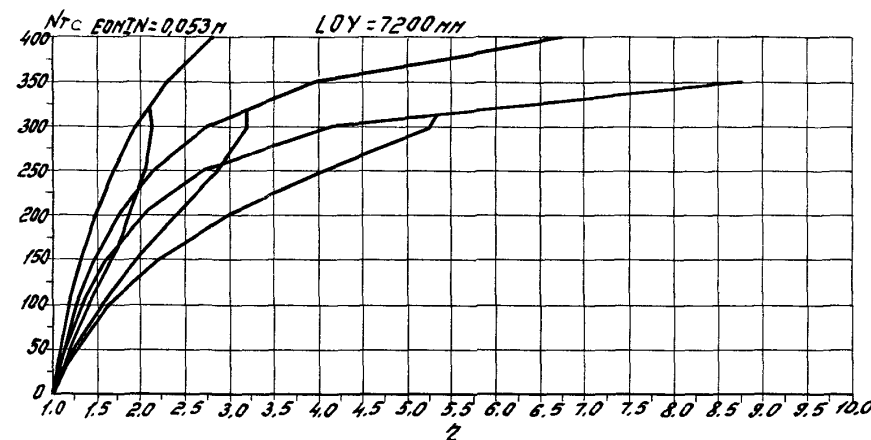
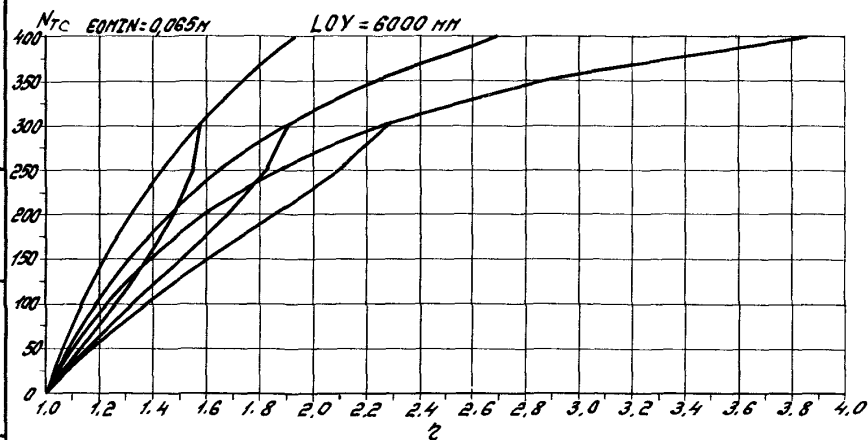
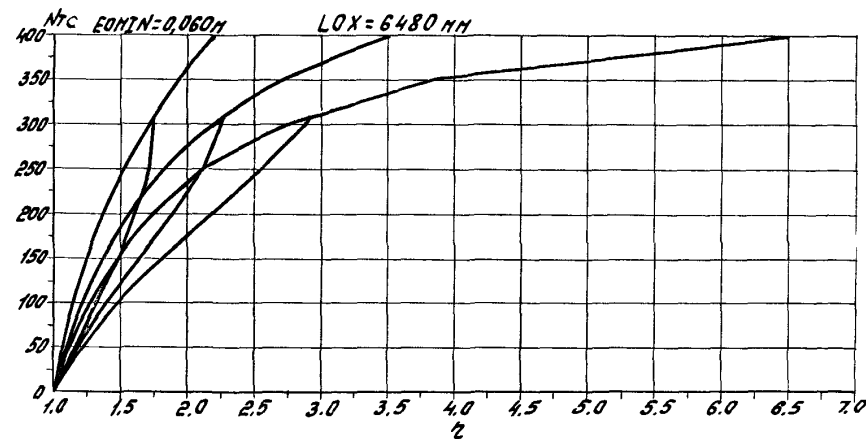
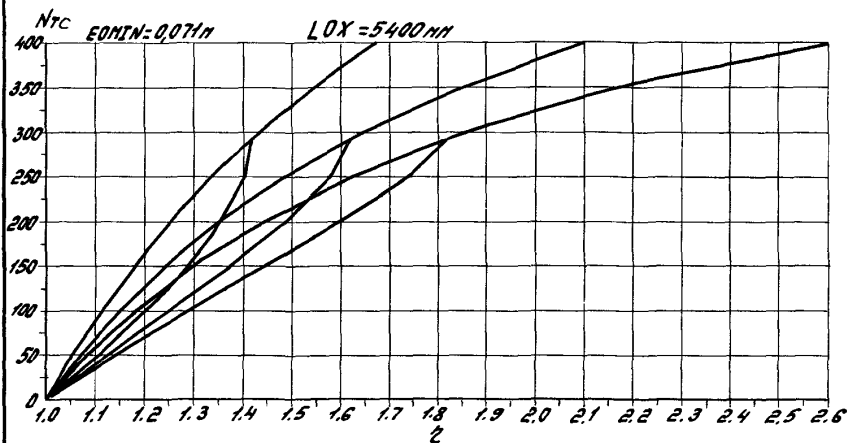
Код сечения - 123а





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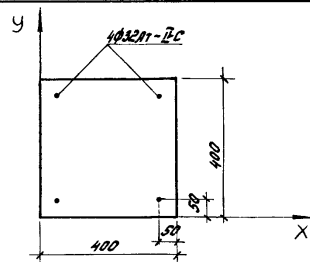
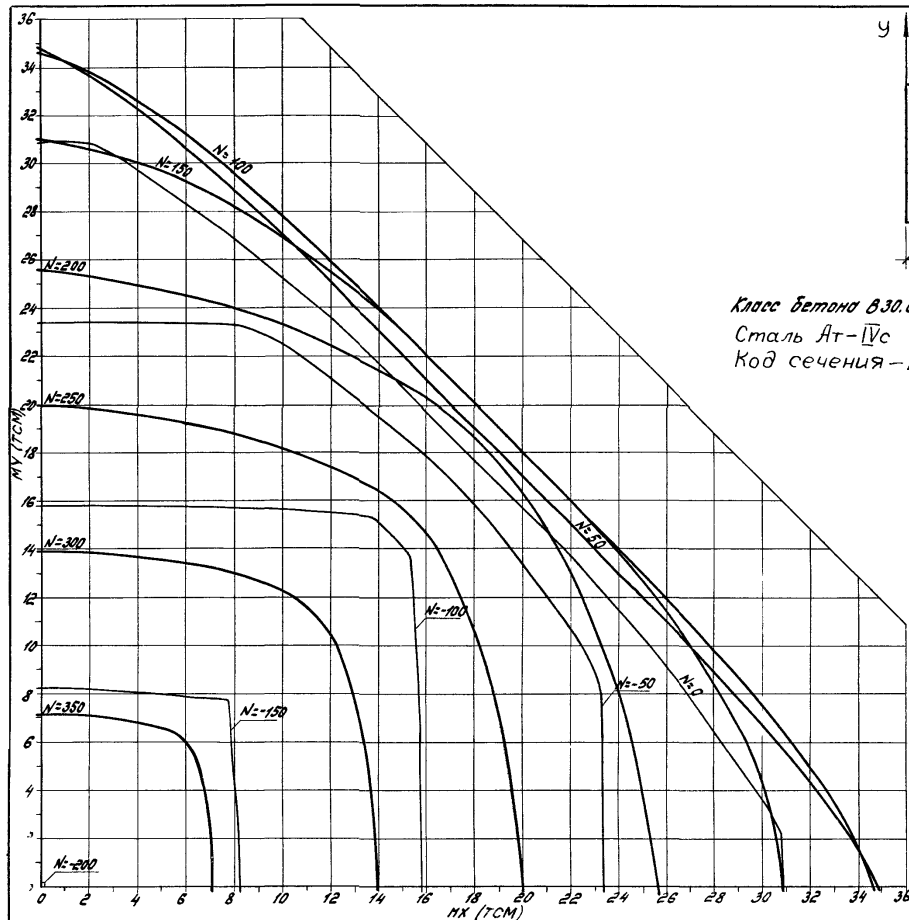


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24166-02

85

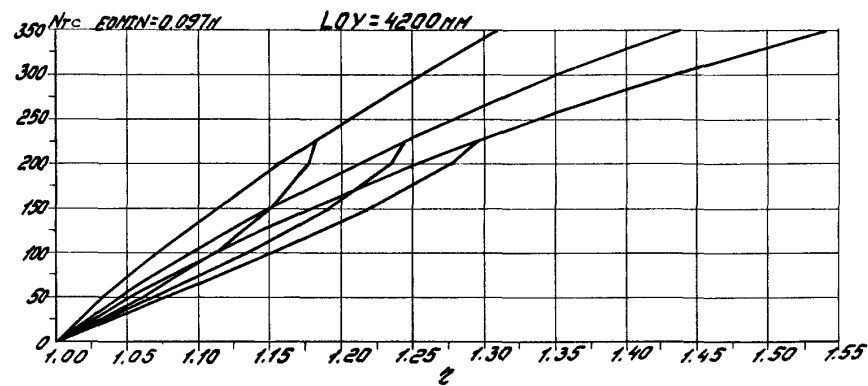
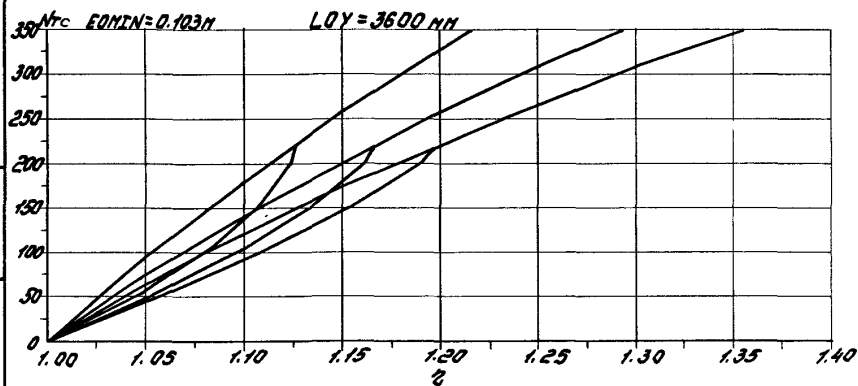
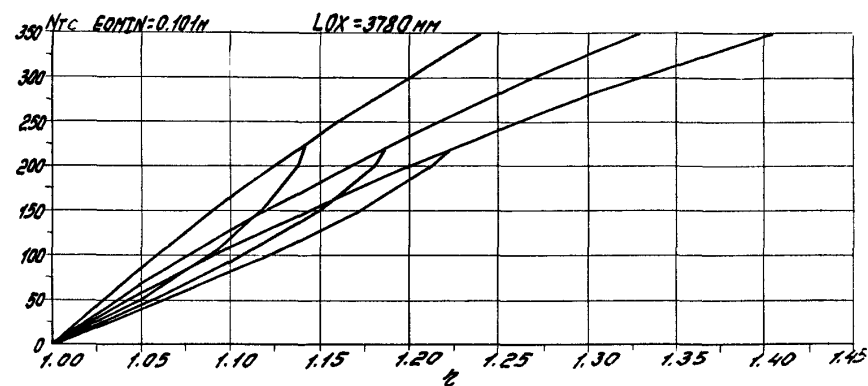
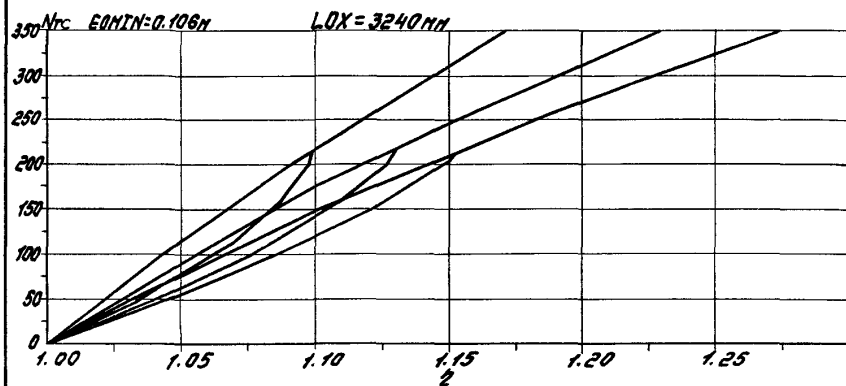
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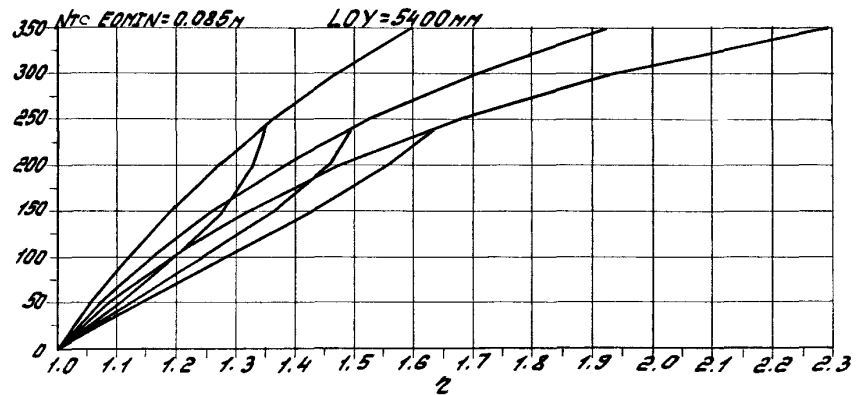
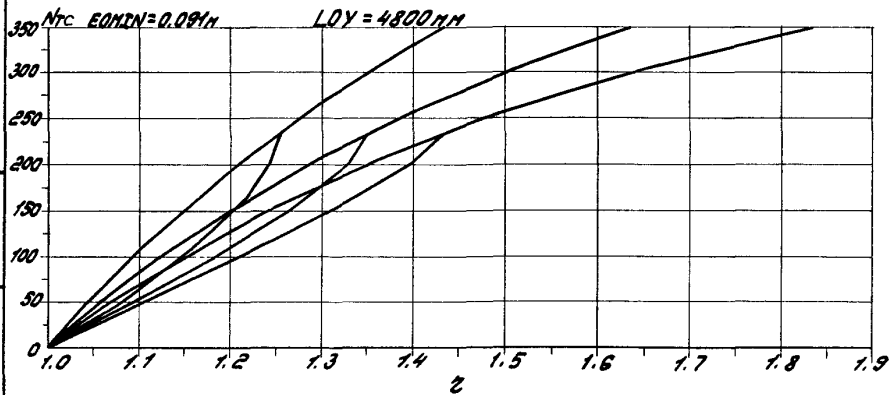
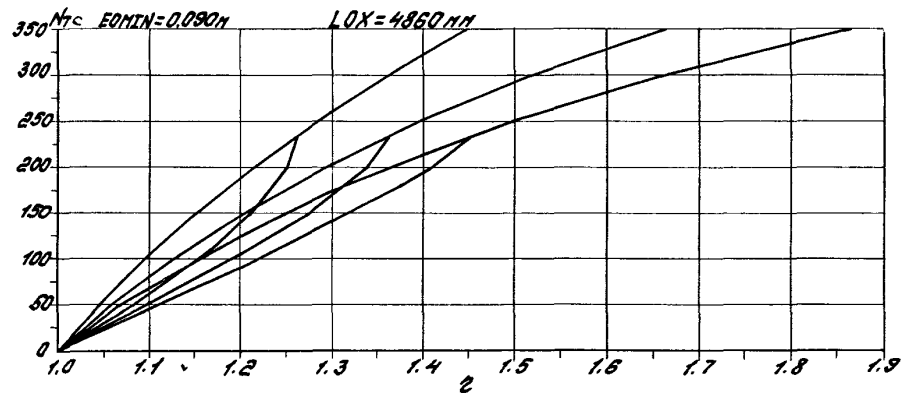
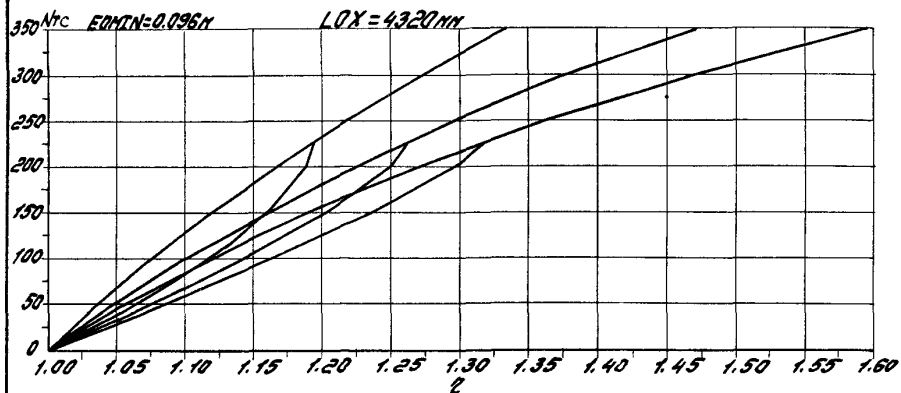


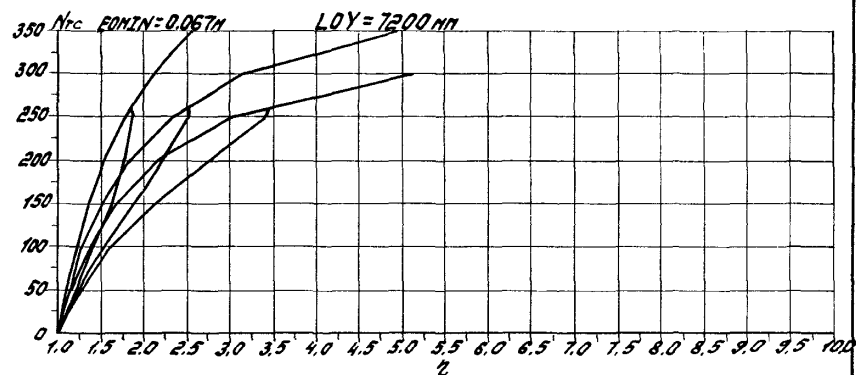
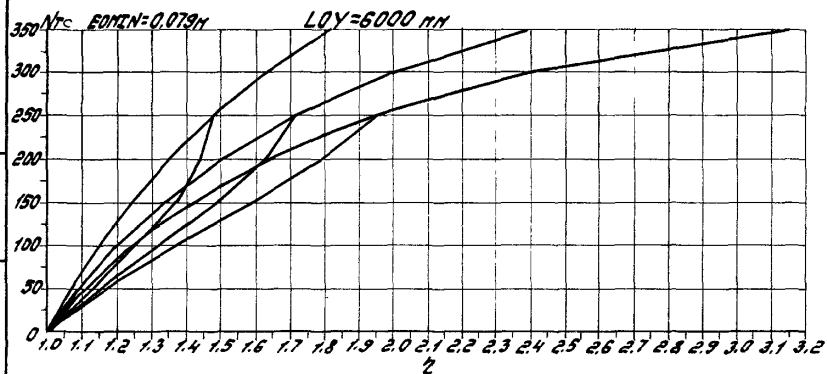
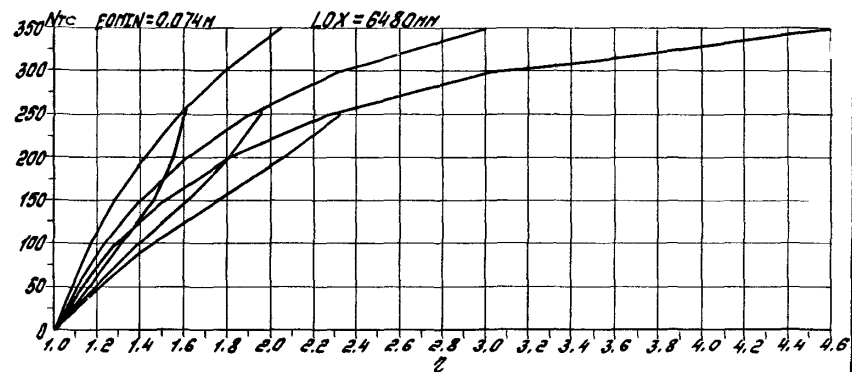
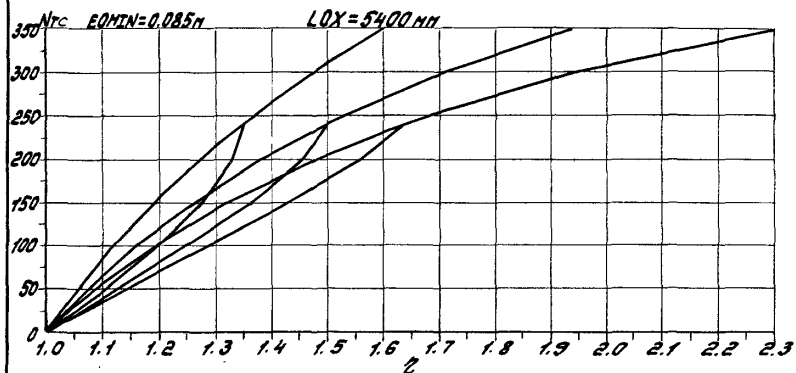
Класс бетона В30.0 ($R_b = 15$ МПа при учёте $\beta_{bz} = 0.90$)

Сталь Ат-IVс

Код сечения - 1235

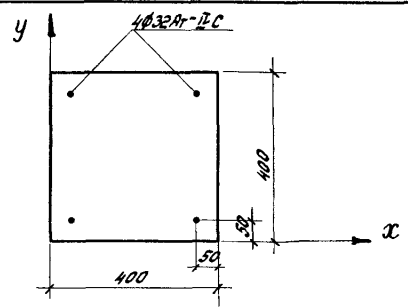
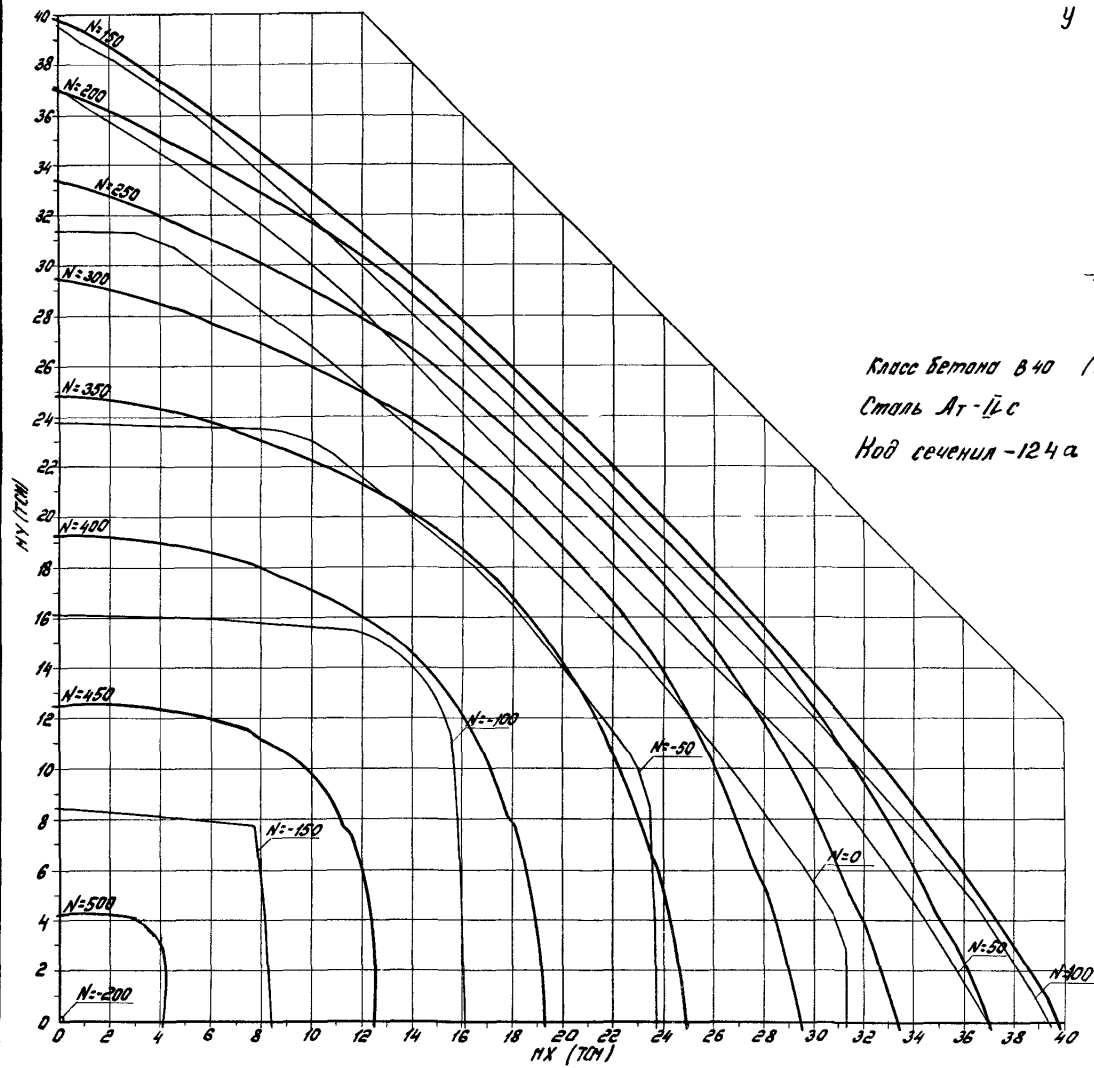




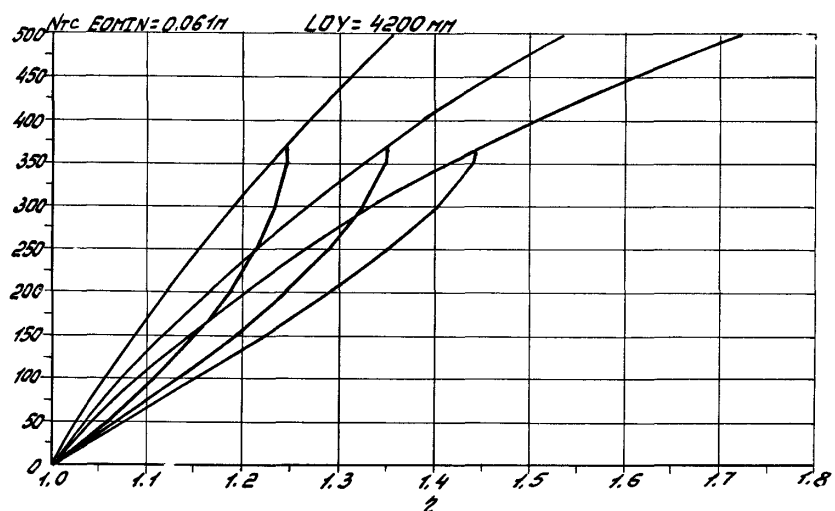
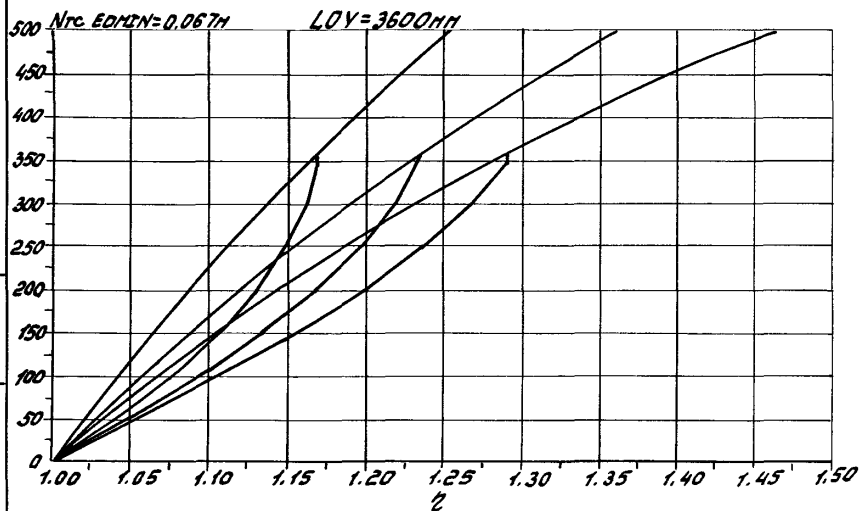
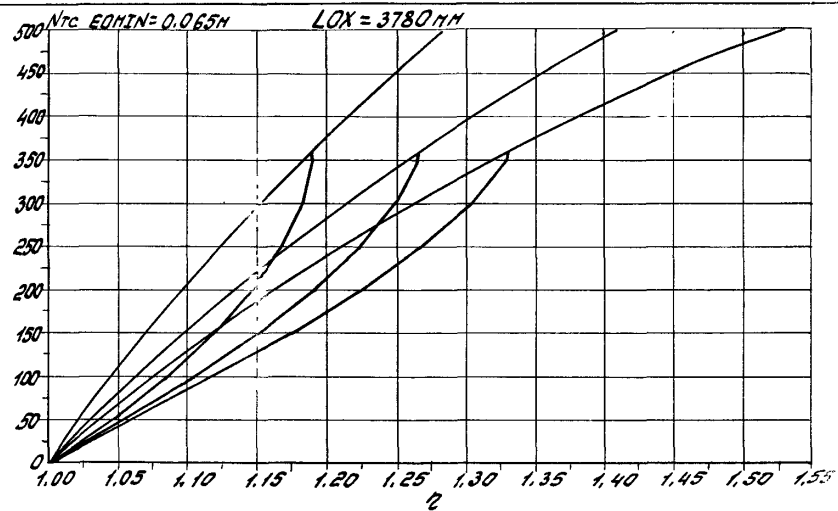
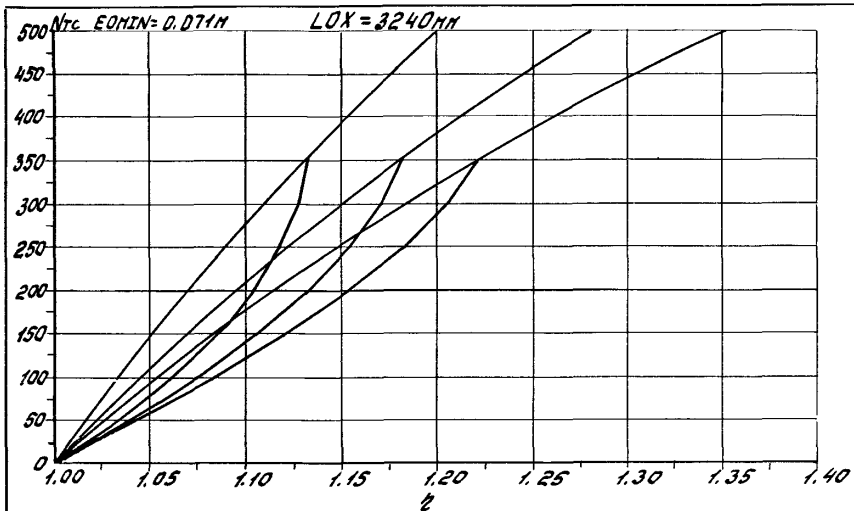


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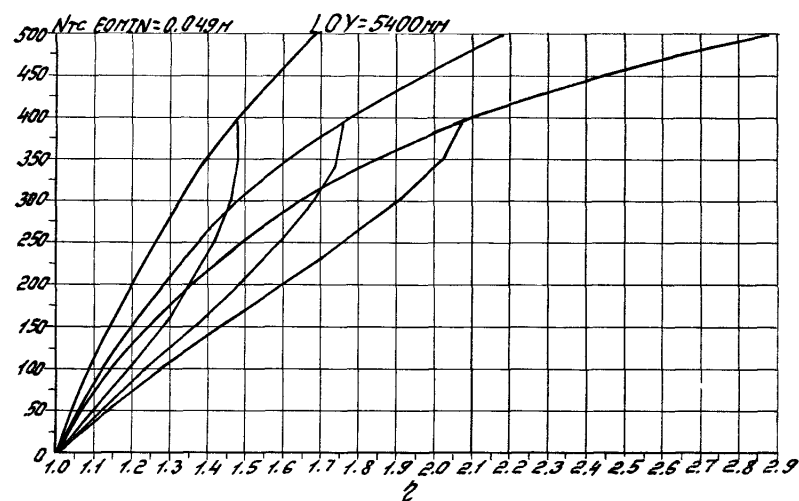
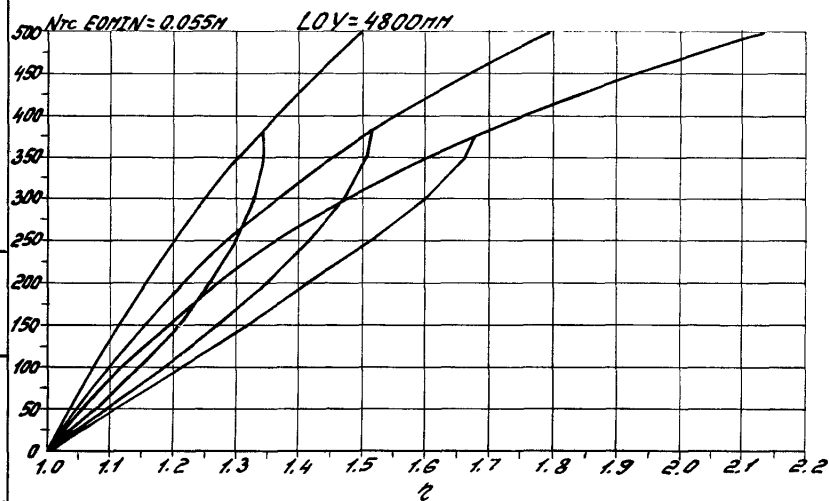
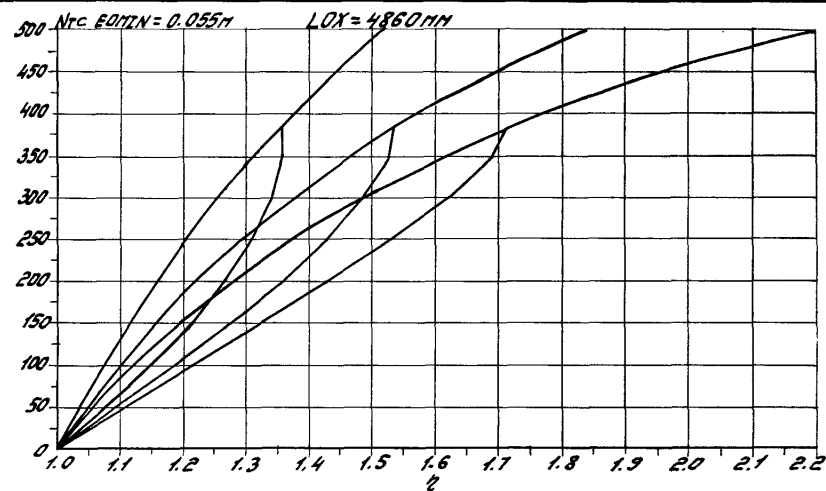
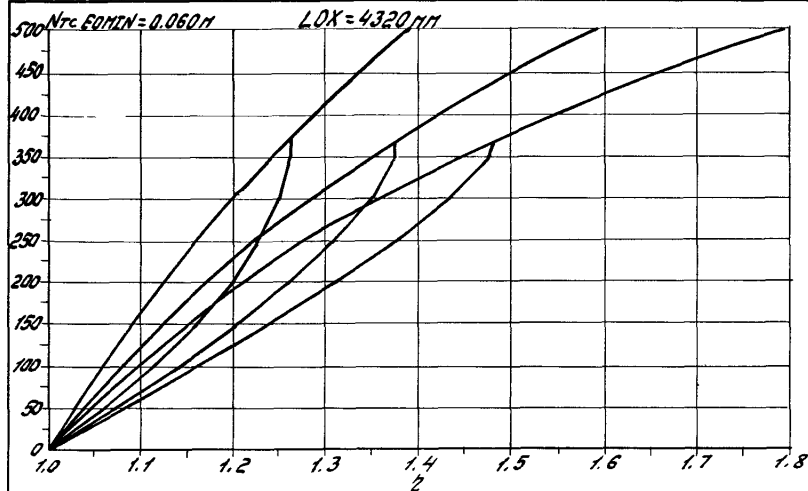


Класс бетона В40 ($R_b = 24,2$ МПа при учёте $\gamma_b = 1,10$)
 Сталь АТ-12С
 Нод сечения -124а



1,020.1-4 0-9 002

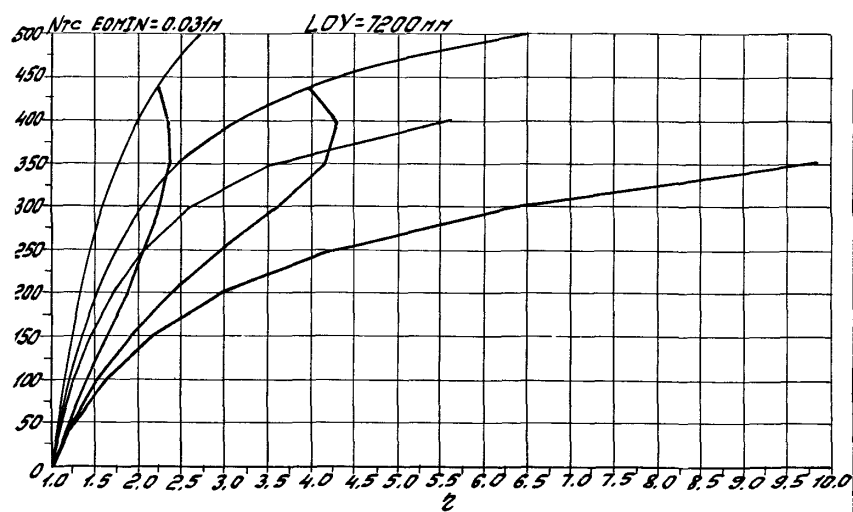
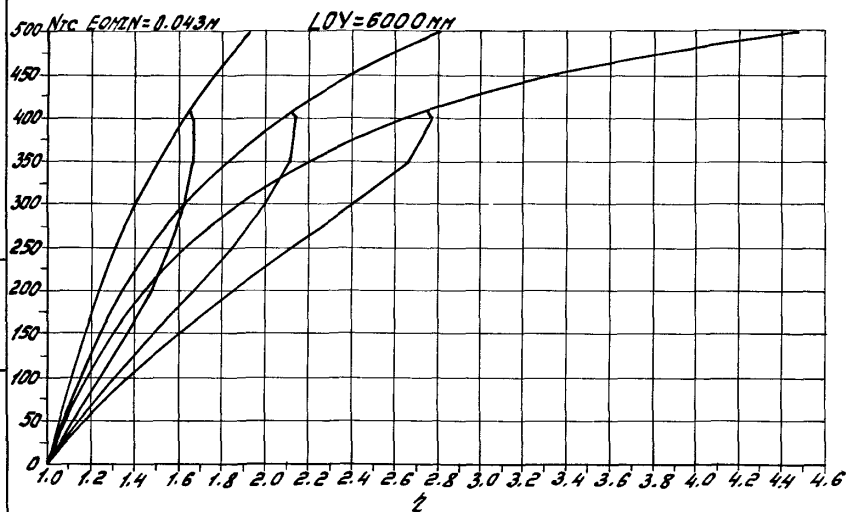
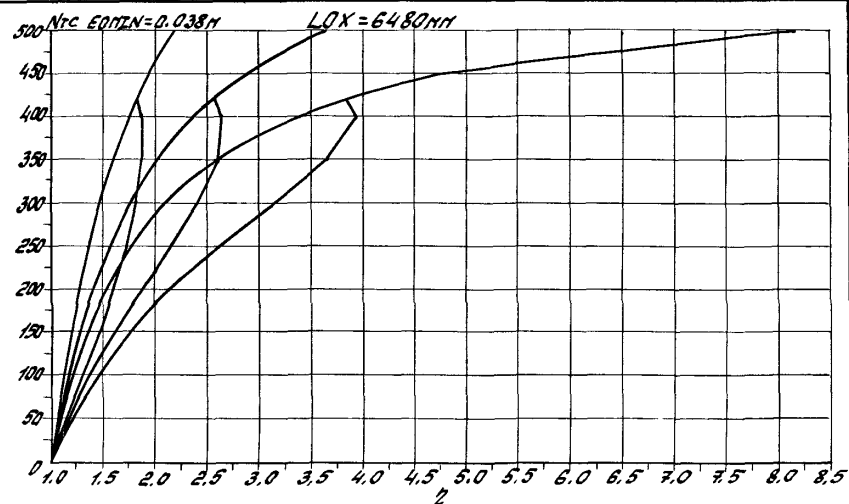
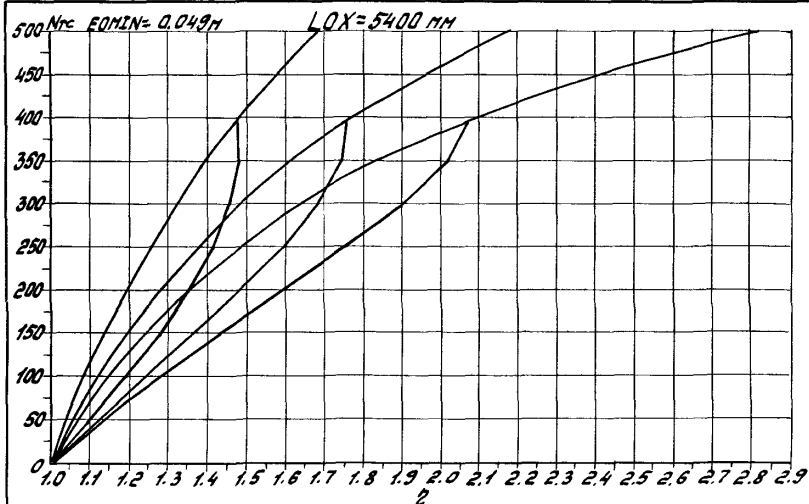
186

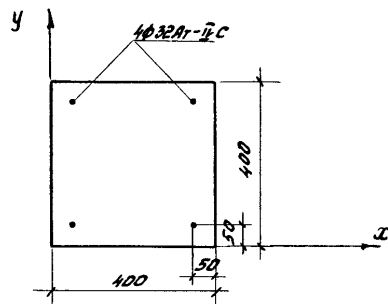
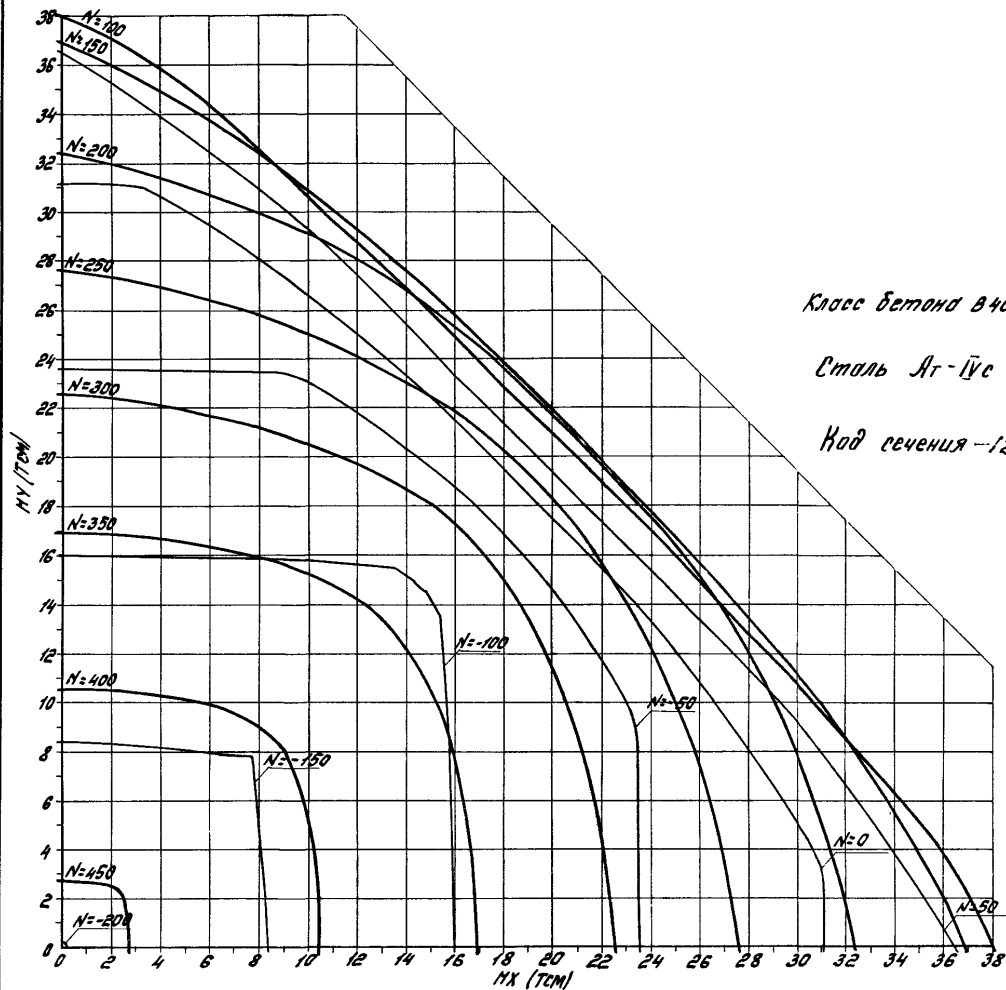


1.020.1-4 0-9 002

NCT

187





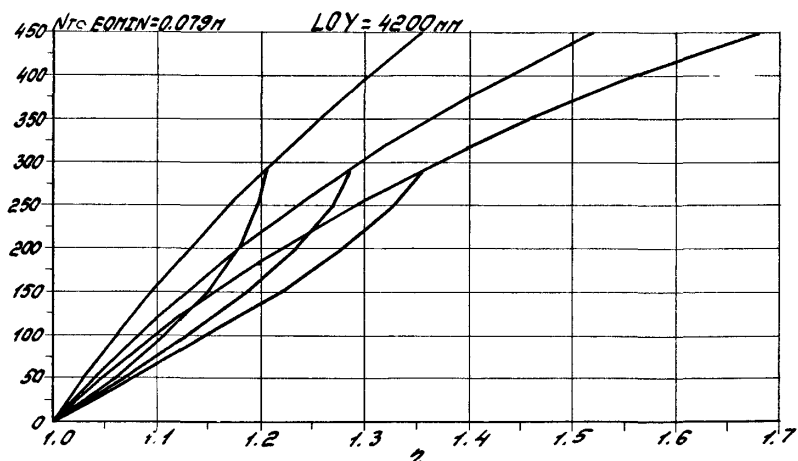
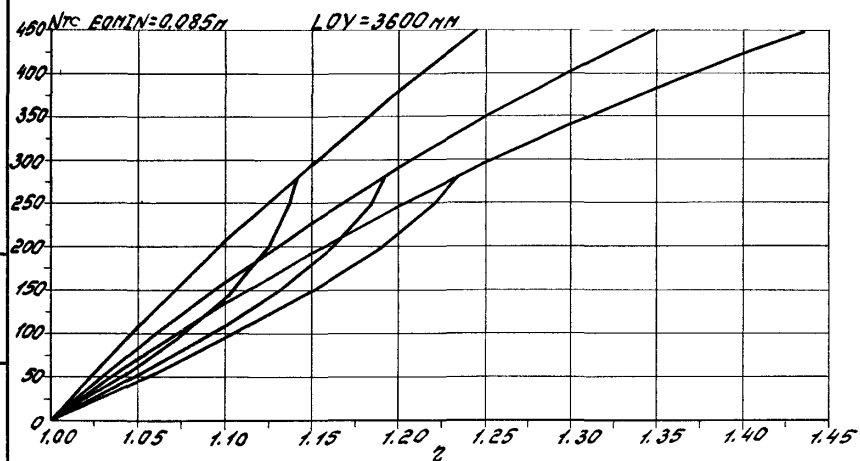
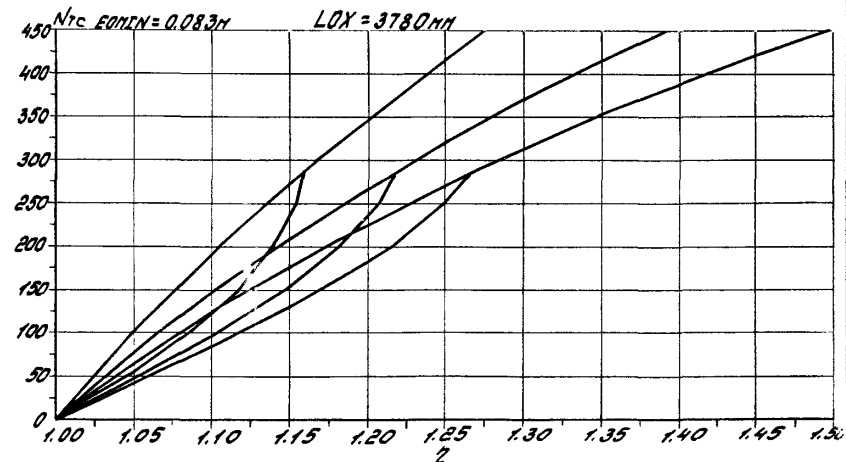
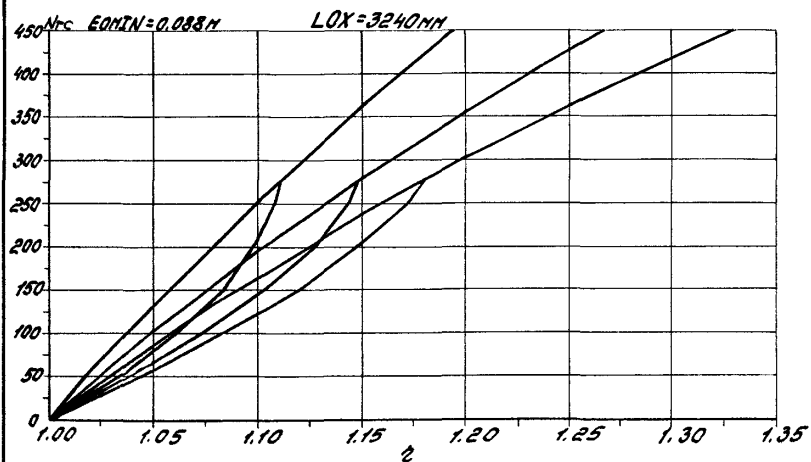
Класс бетона В40 ($R_b = 1,8$ МПа при учёте $\gamma_{b2} = 0,90$)

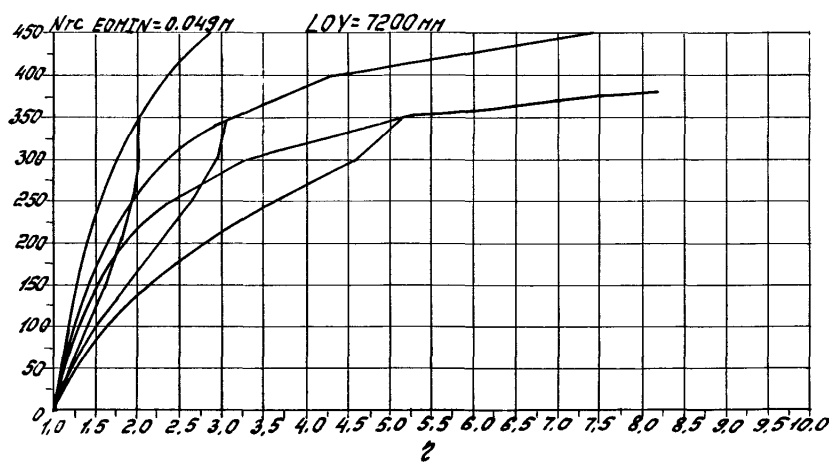
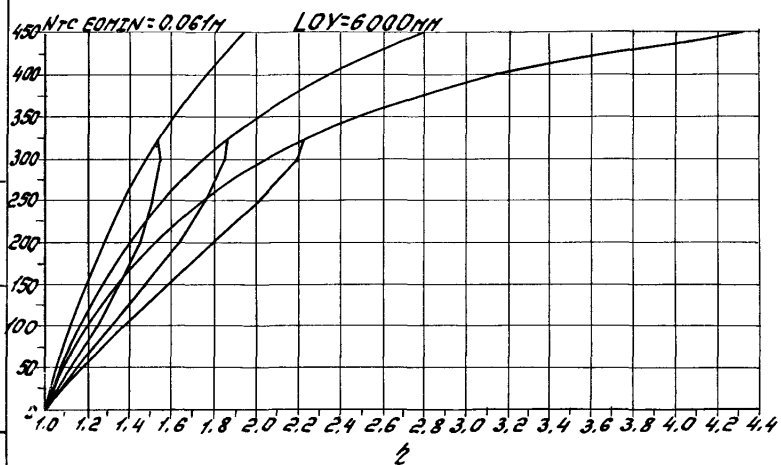
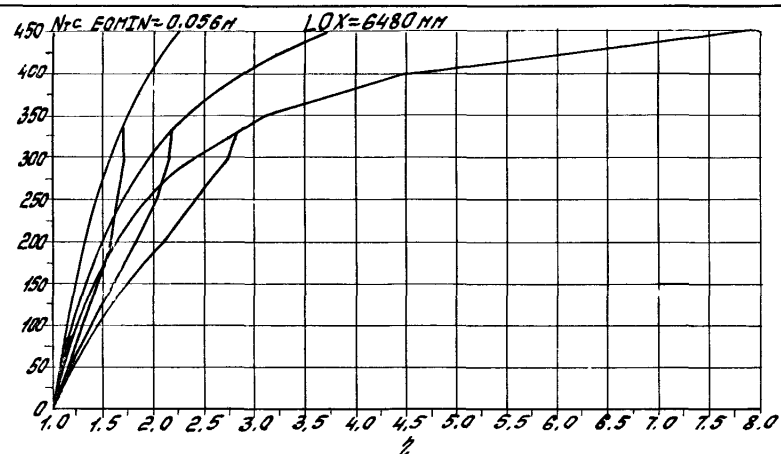
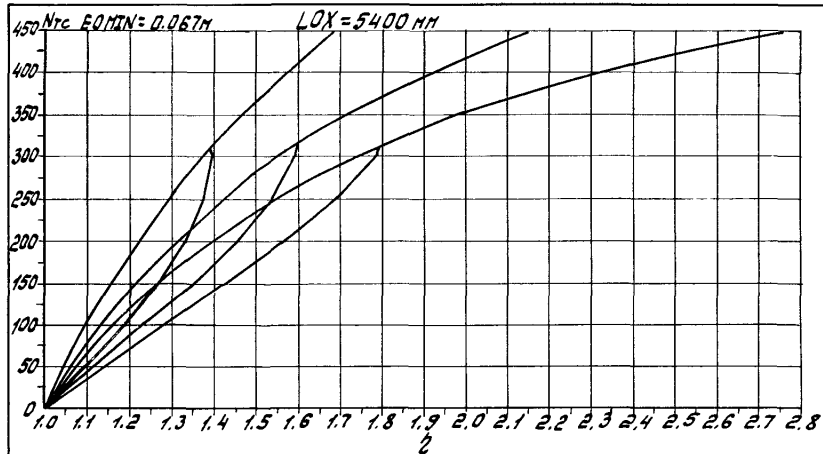
Сталь А1-IVc

Код сечения -1245

1.020.1-41 0-9 002

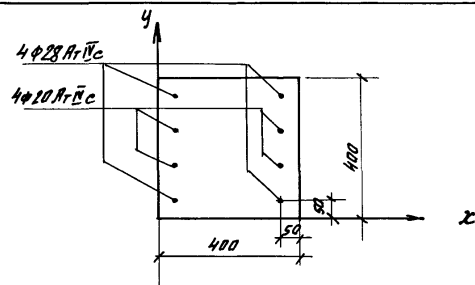
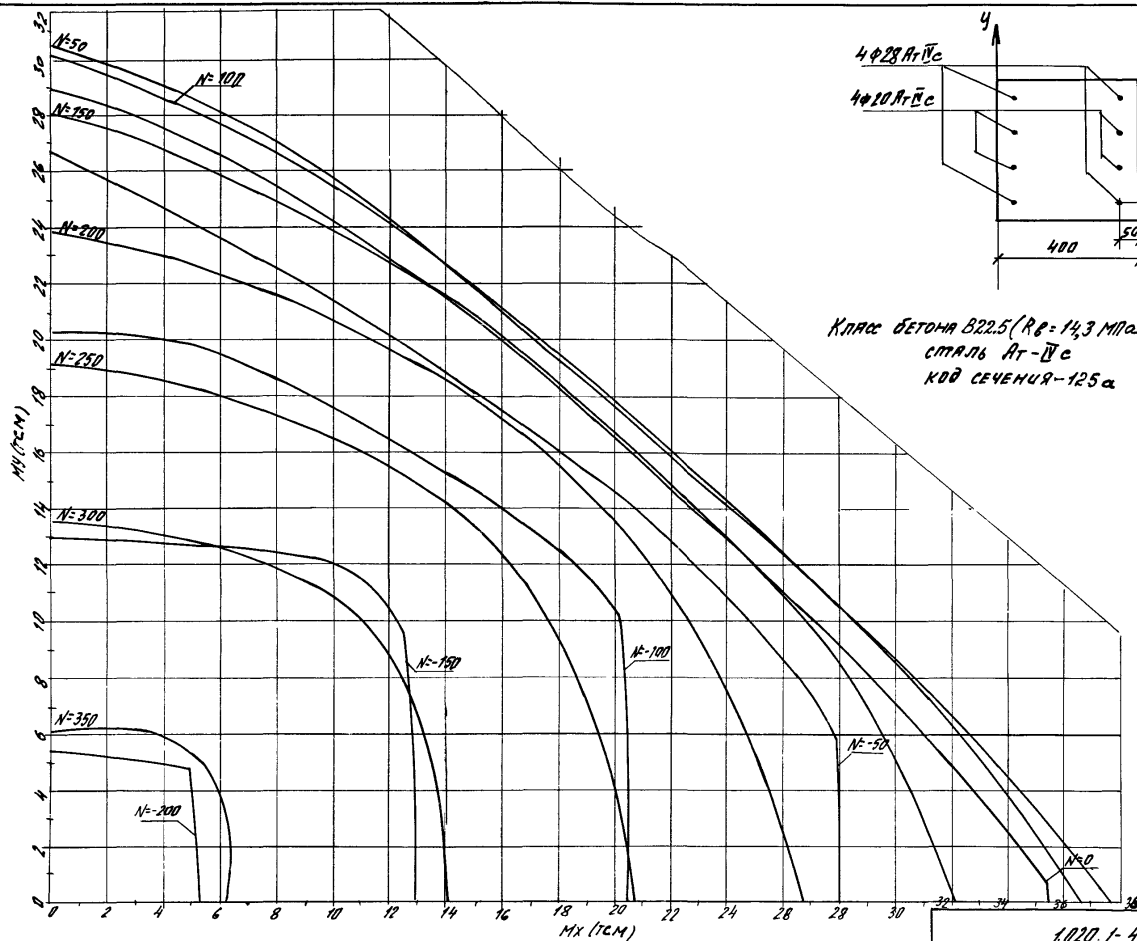
Лист
189





1.020.1-4 0-9 002

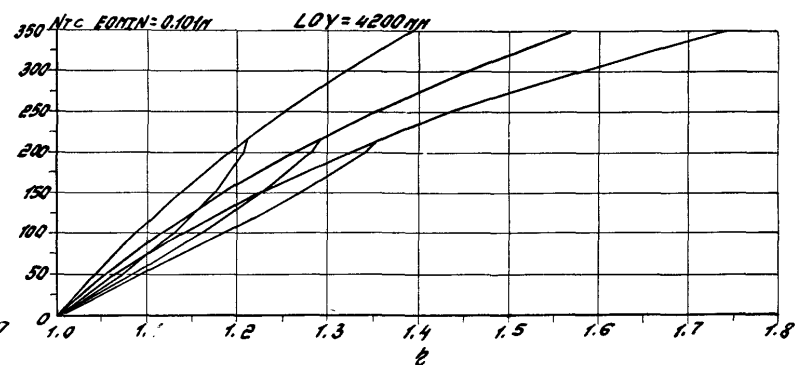
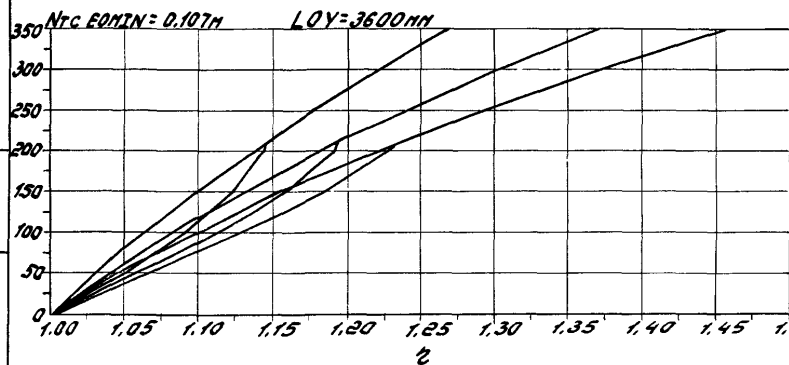
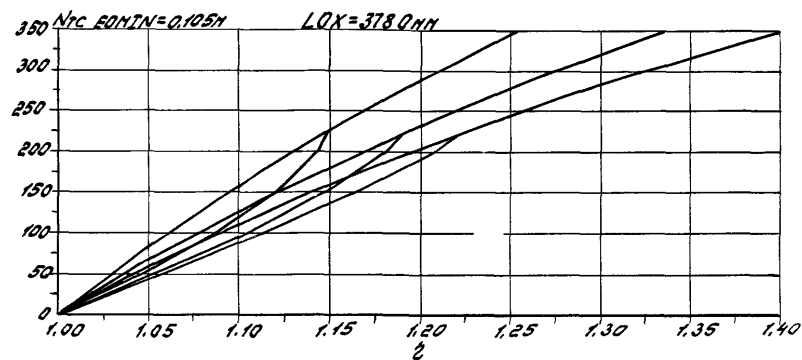
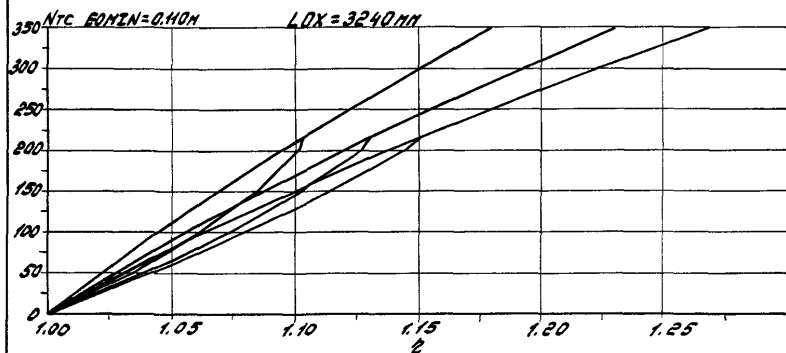
192



КЛАСС БЕТОНА В22.5 ($R_b = 14.3 \text{ МПа}$ при учете $\gamma_{b2} = 1.10$)
 СТАЛЬ А-IIIc
 КОД СЕЧЕНИЯ-125a

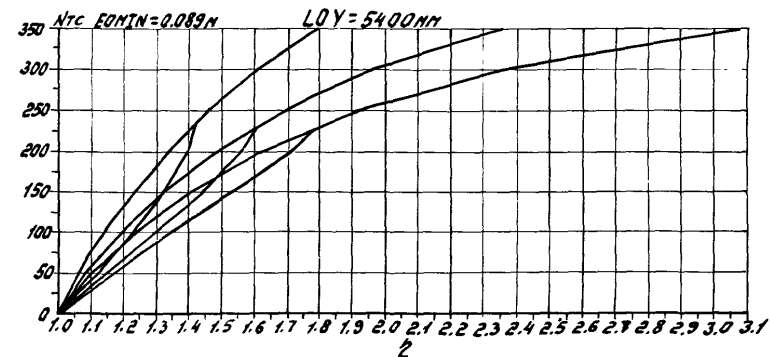
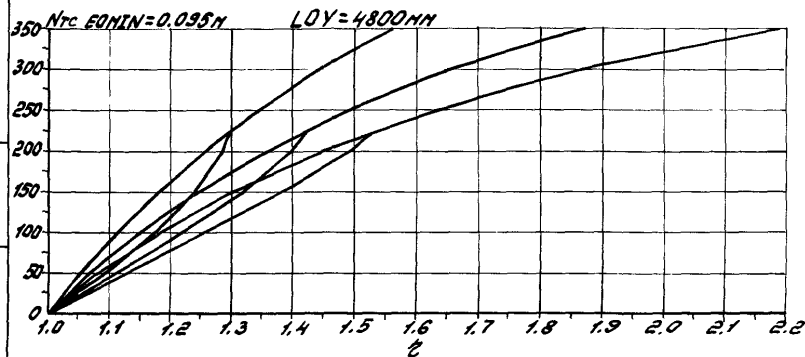
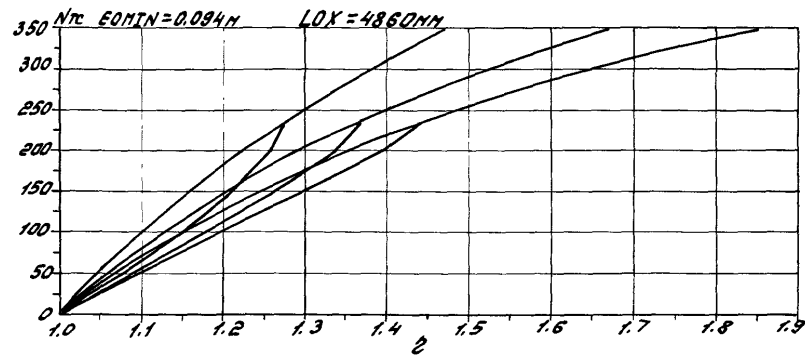
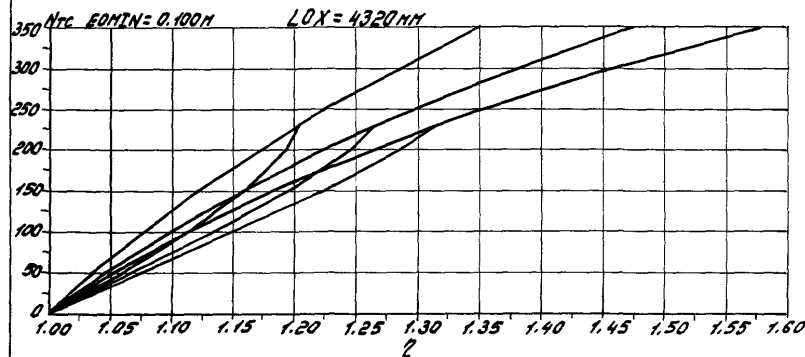
1020.1-4 09 002

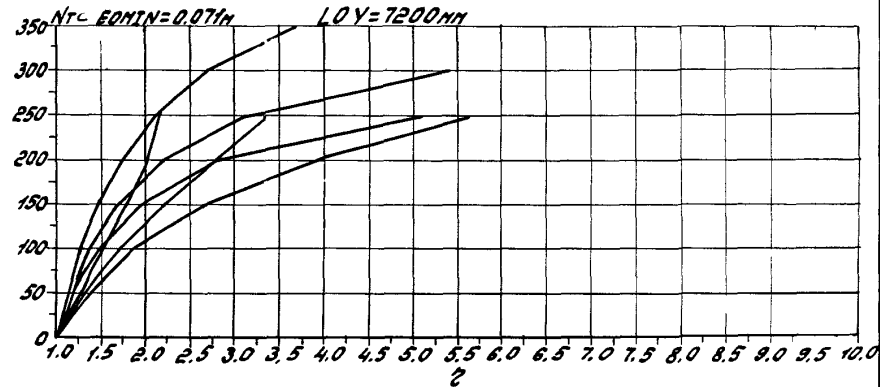
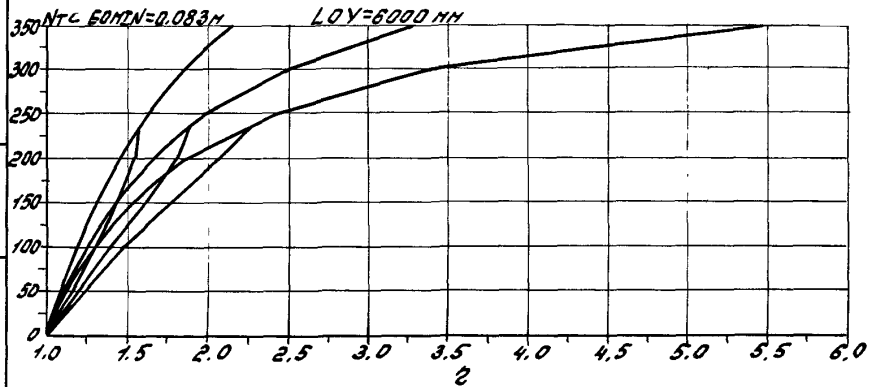
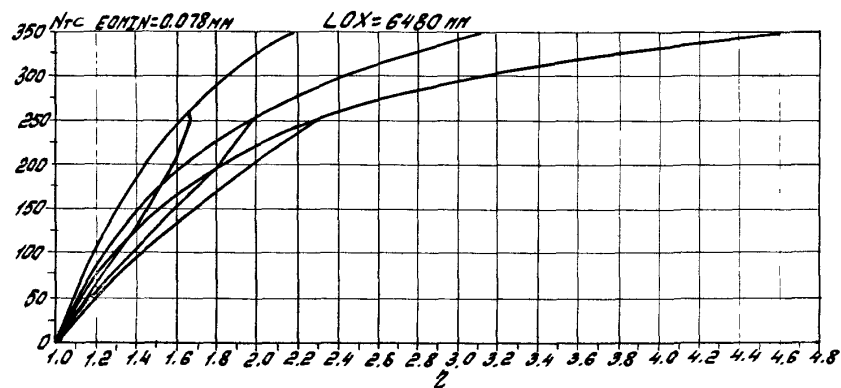
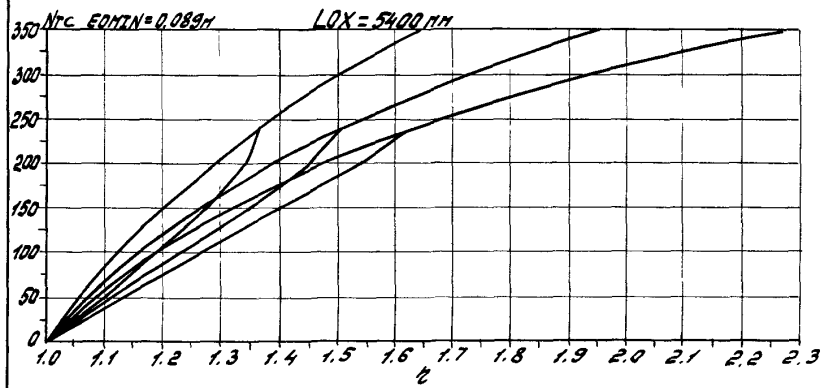
193



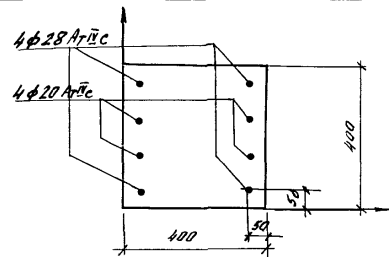
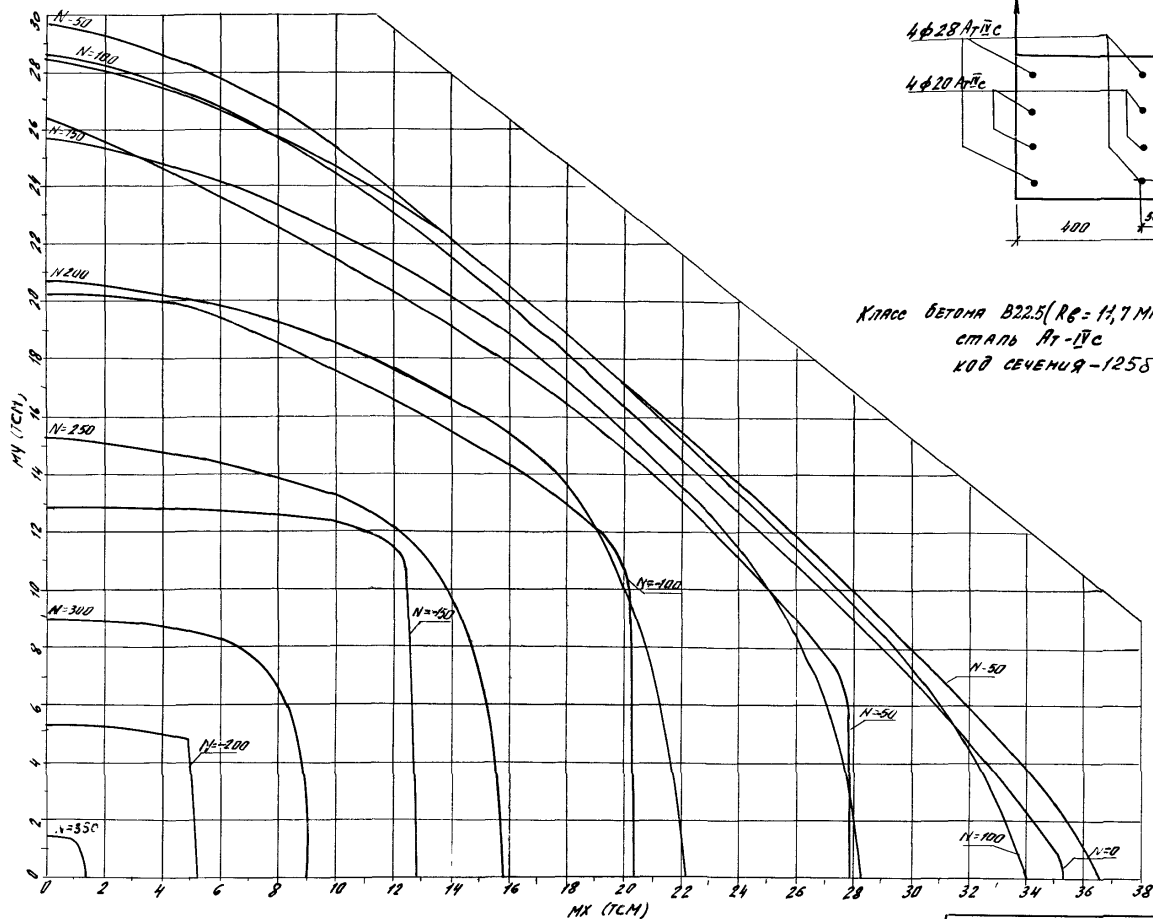
1.020.1-4 0-9 202

194

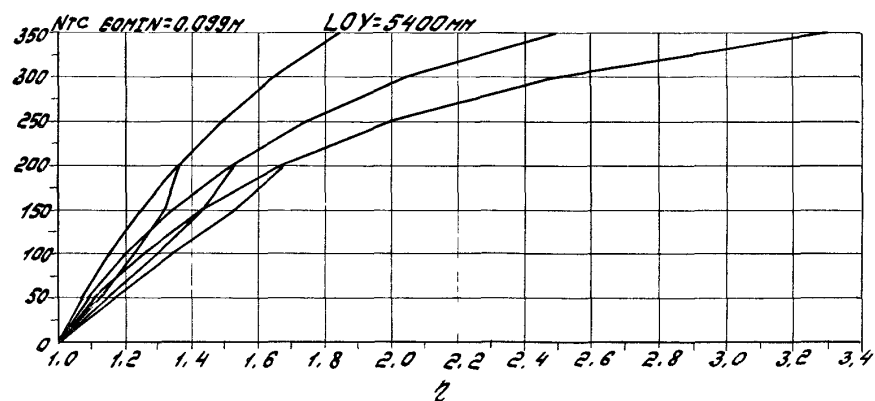
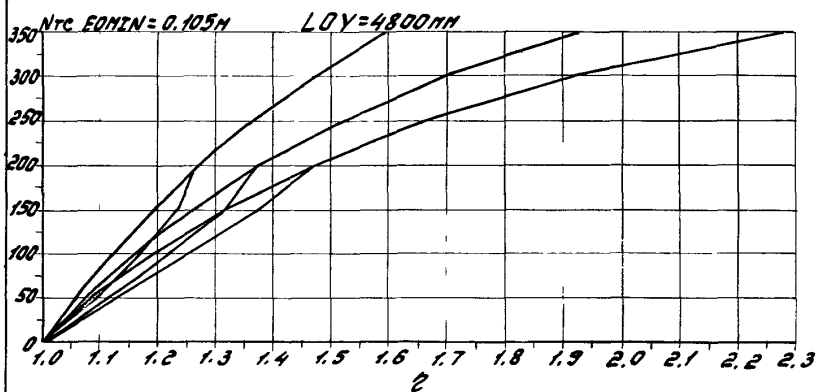
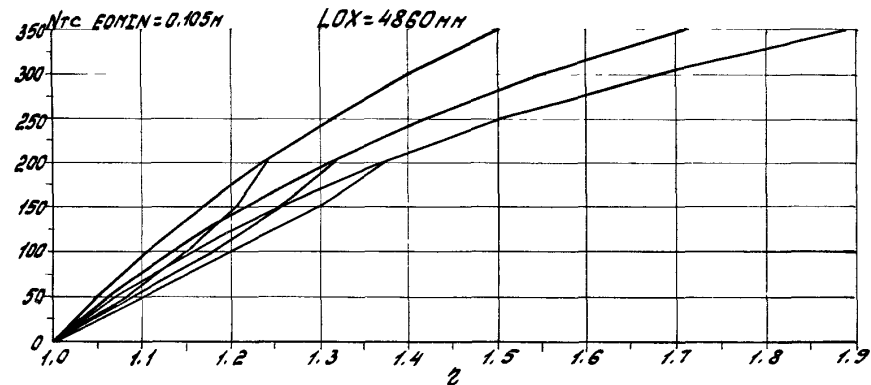
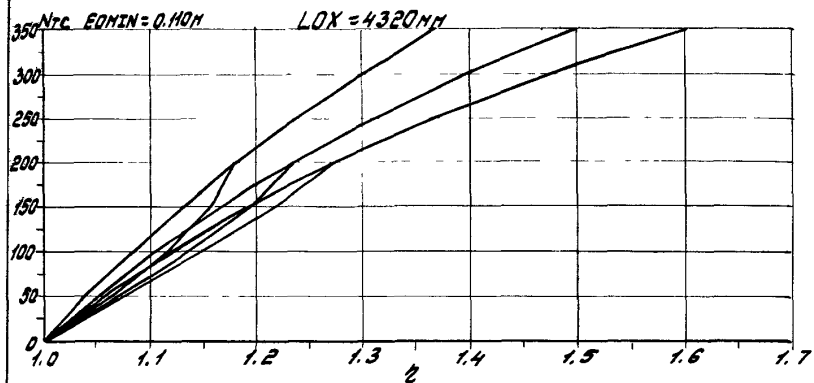


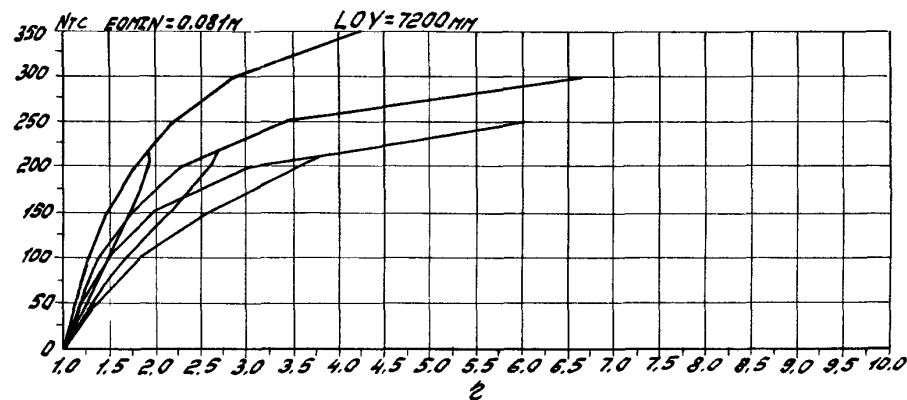
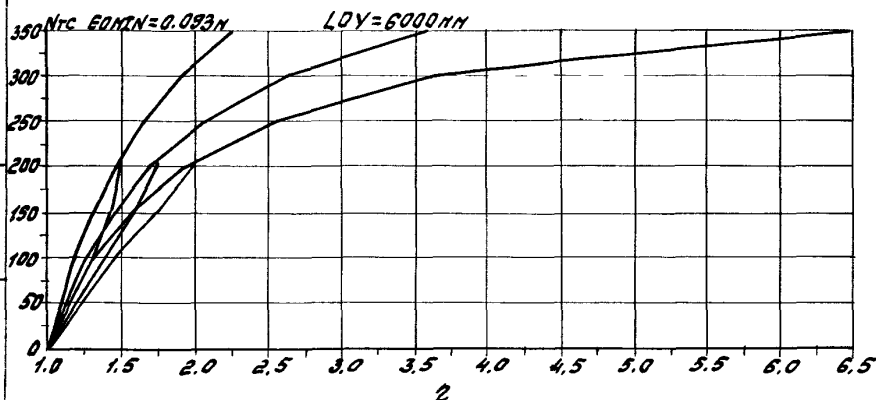
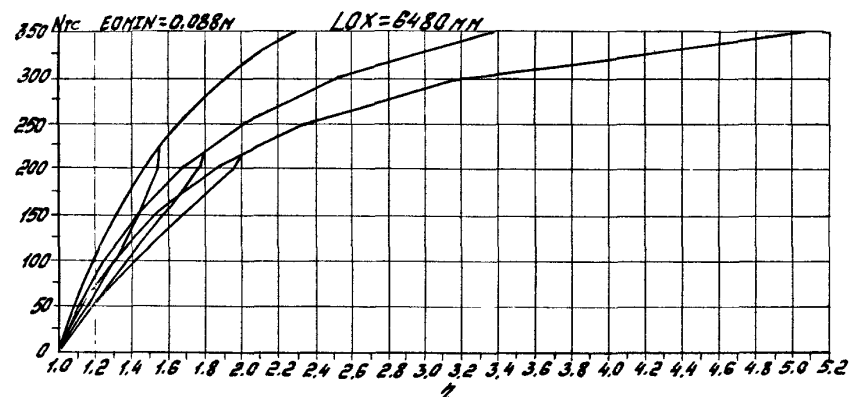
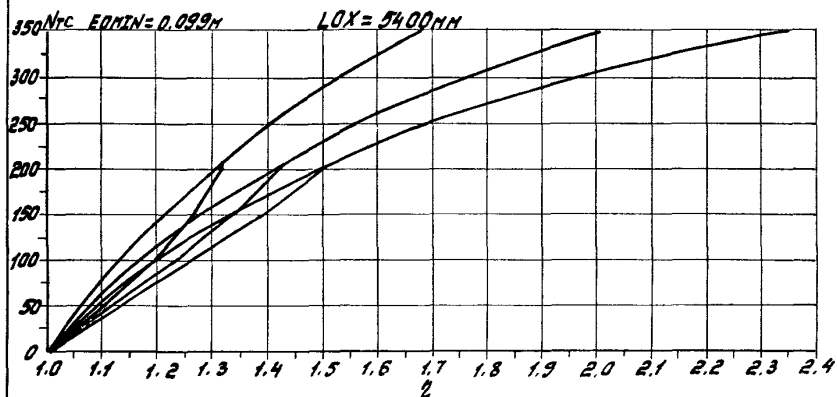


Шаб. N 1002. Подписи в форме 1002. ш. 6. N



ХИАСС БЕТОНА В22.5 ($R_b = 11,7$ МПа при $\gamma_{b2} = 0,90$)
 СТАЛЬ АТ-IIС
 КОД СЕЧЕНИЯ-1258

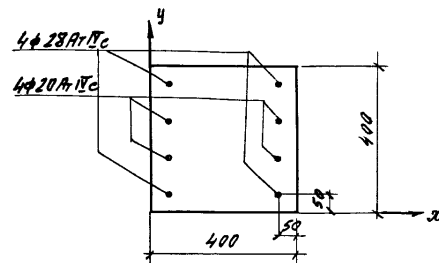
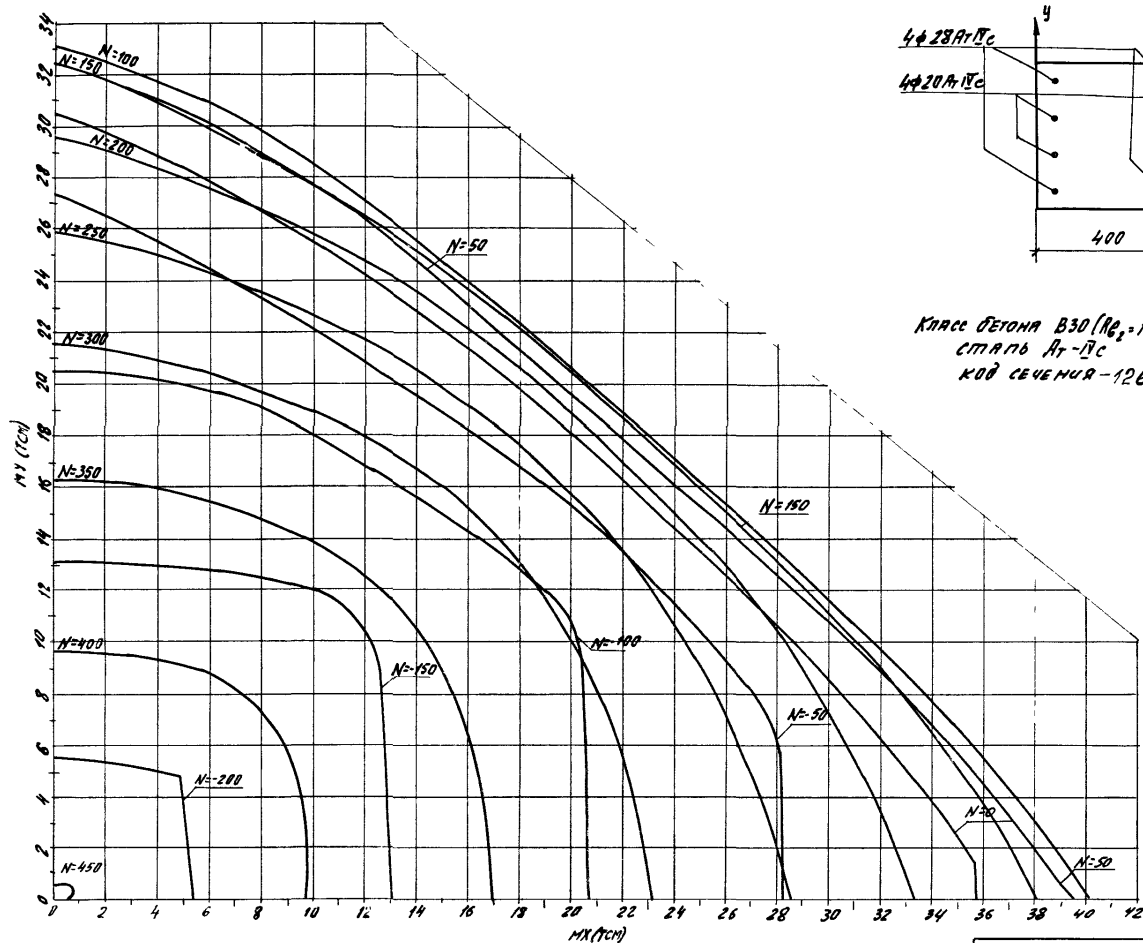




Univ. Viroda. Nastavica u okviru 8. sem. univ. A

1.020.1-4 0-9 002

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200

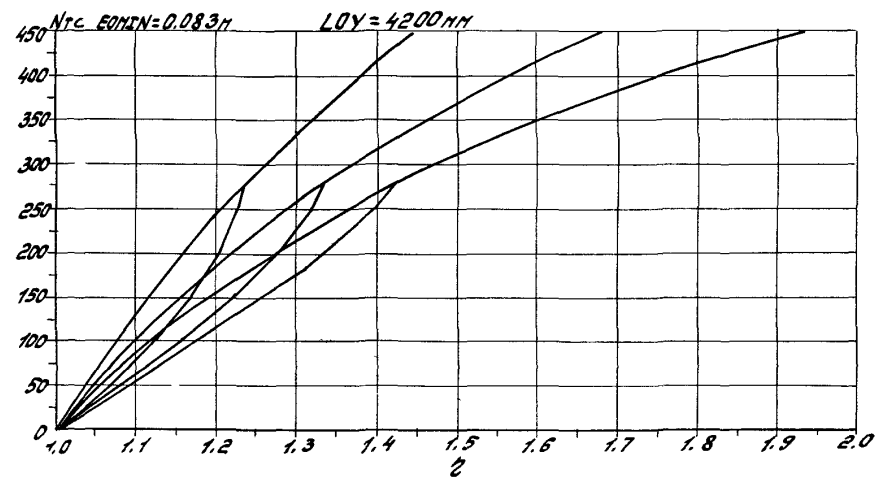
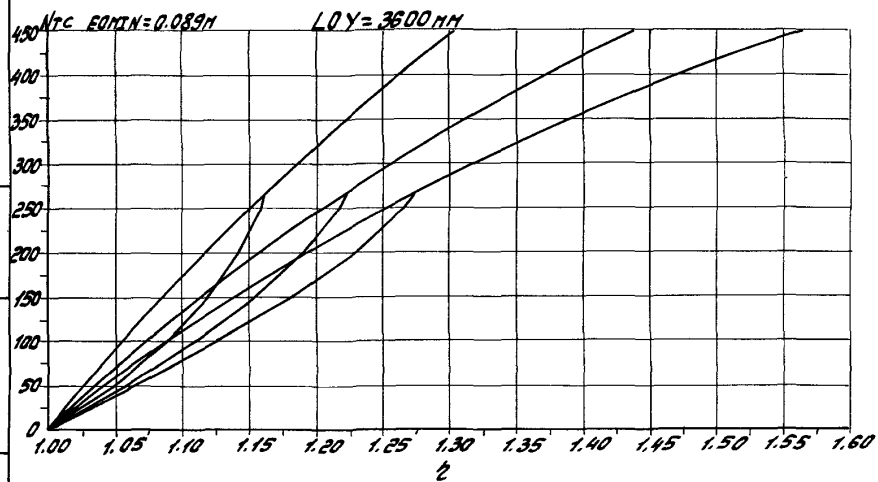
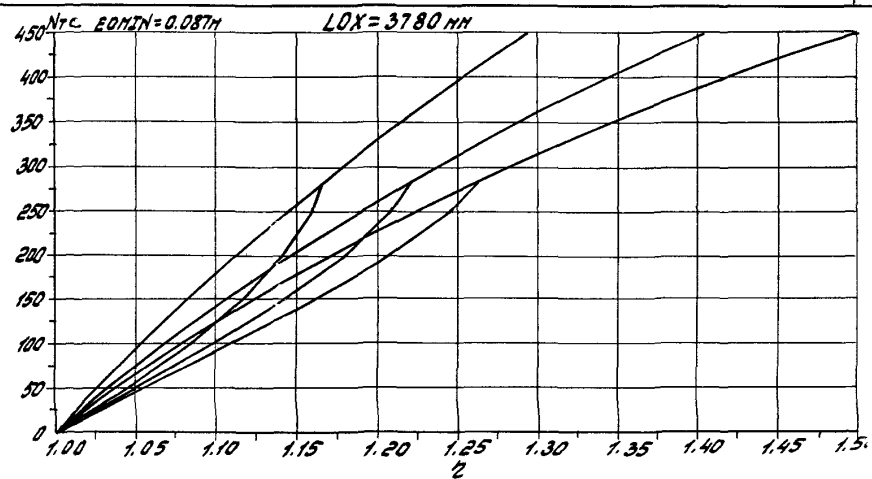
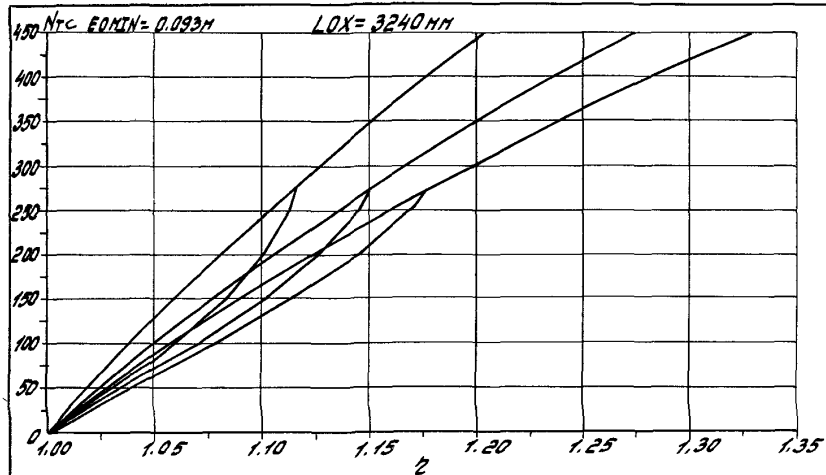


Класс бетона В30 ($R_b = 15,3$ при $\gamma_{ce} = 1,1$)
 сталь АТ-ИГ
 код сечения-126a

1.020.1-4 0-9 002

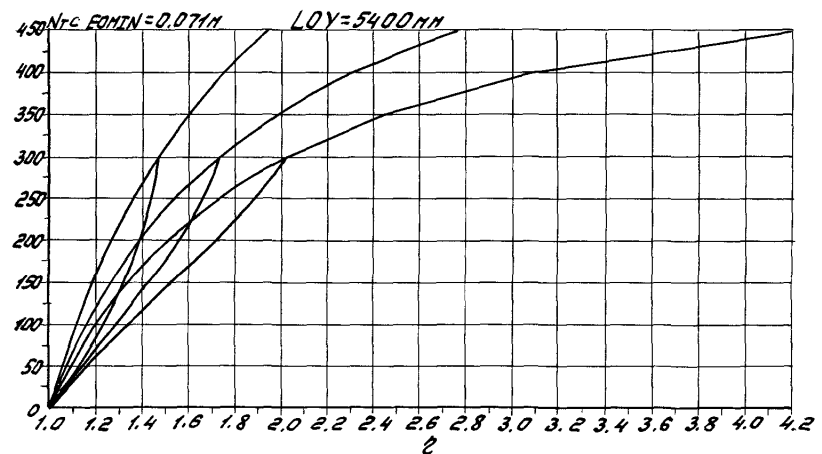
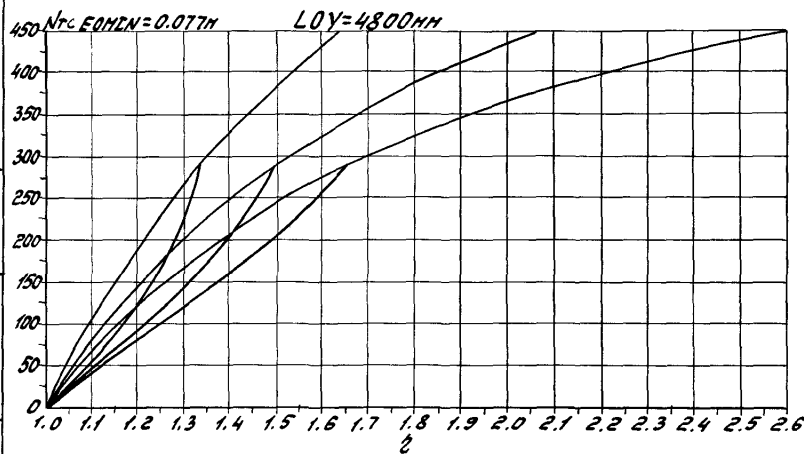
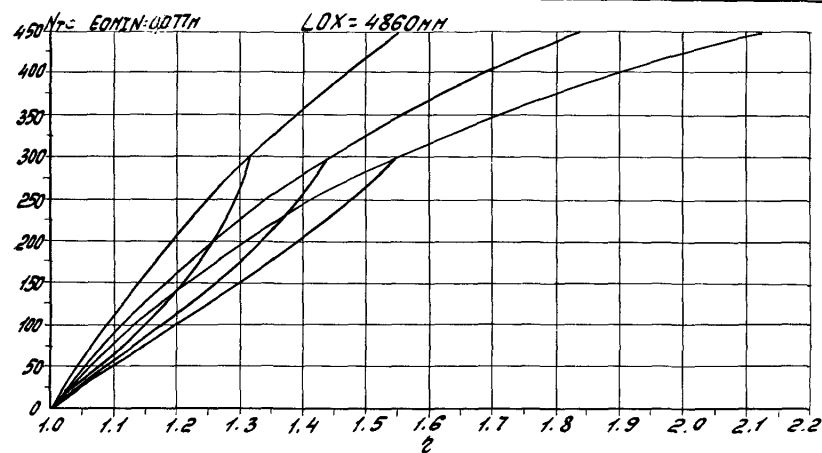
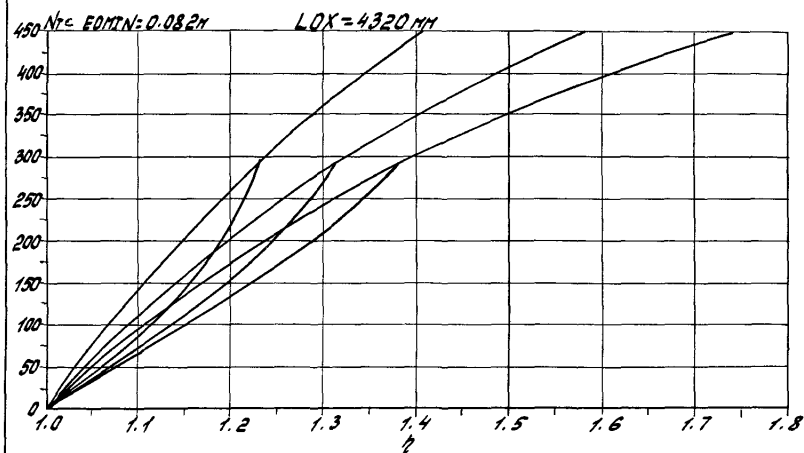
Лист

201

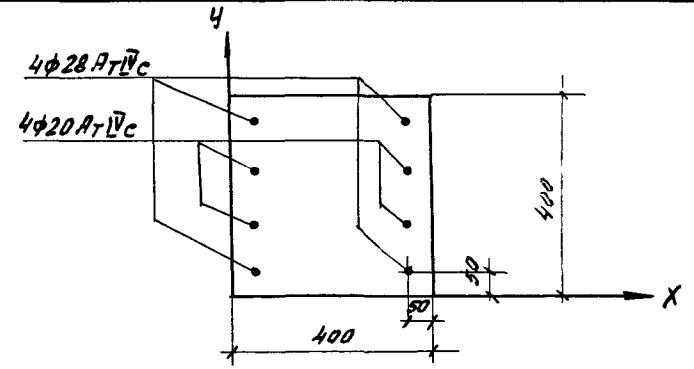
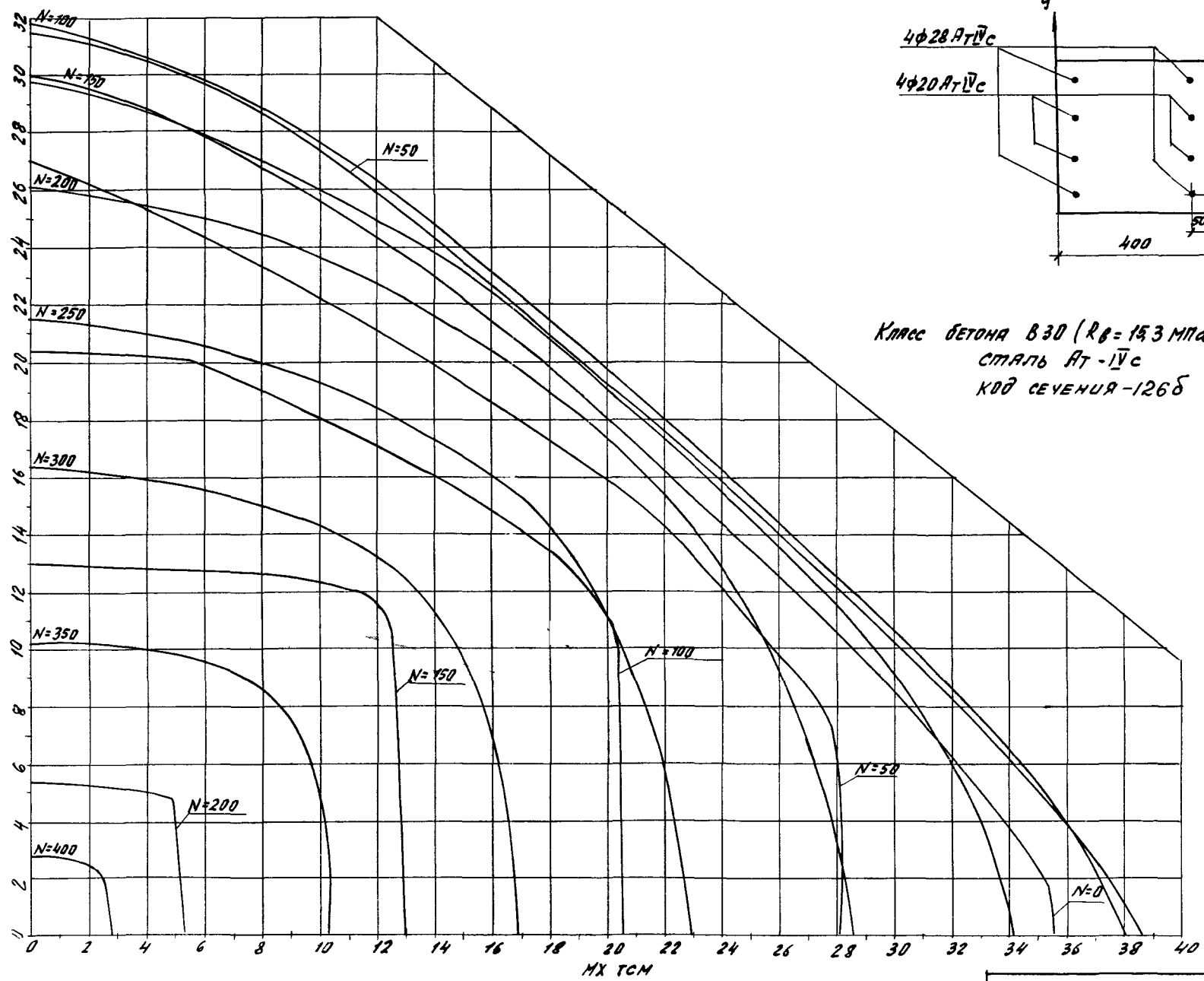


1.020. 1-4 0-9 002

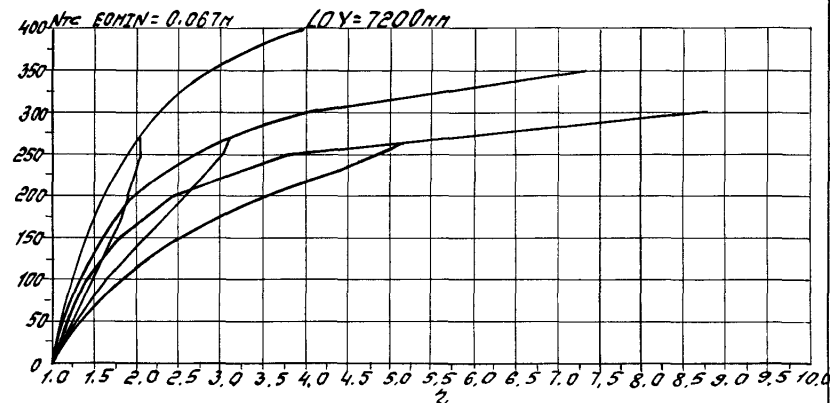
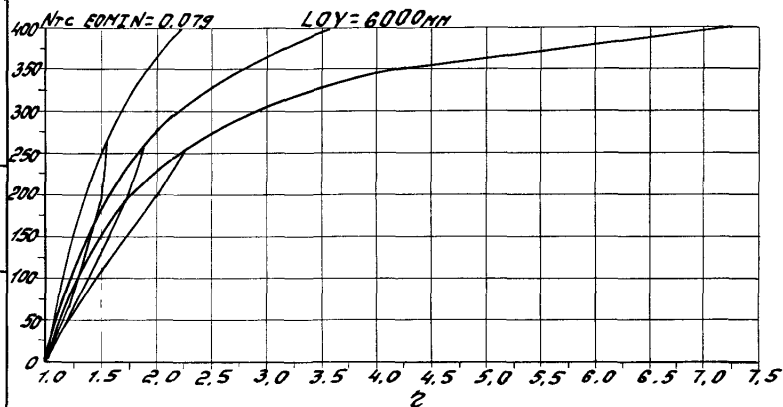
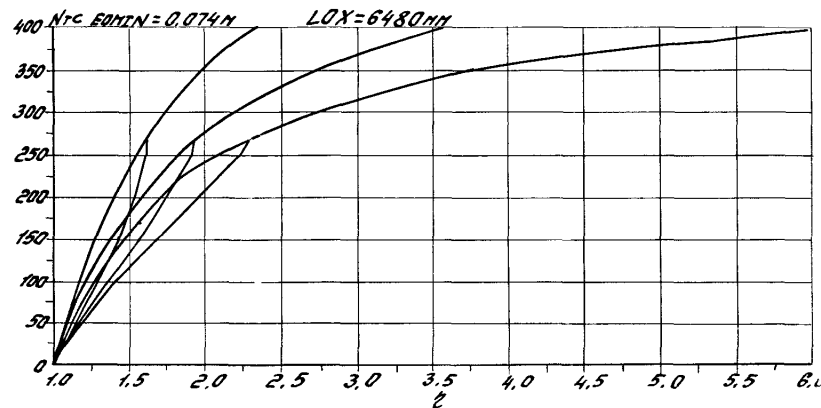
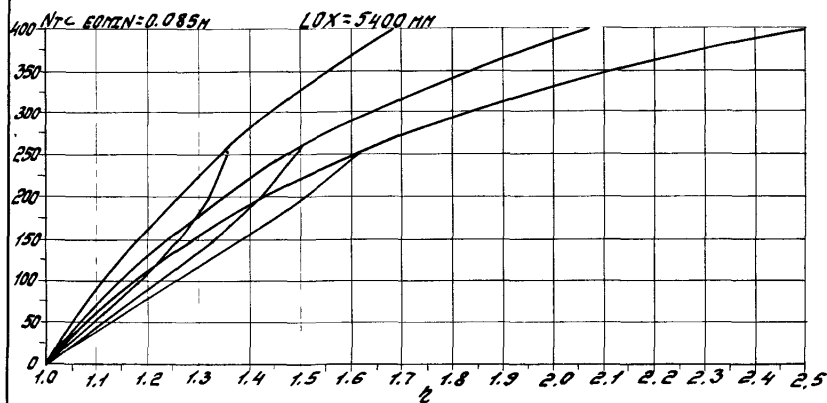
 1/100
 202

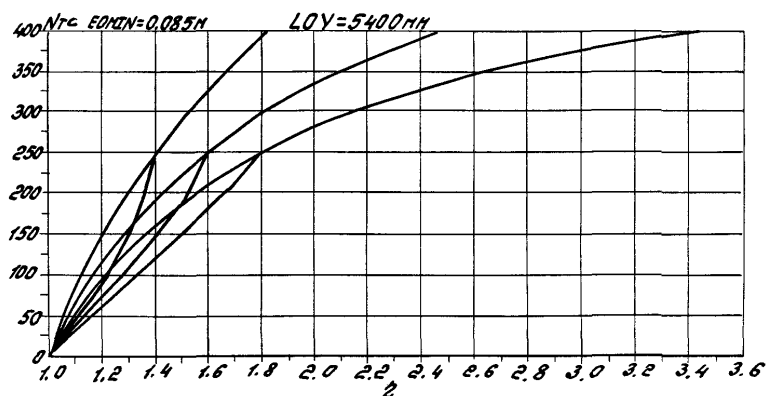
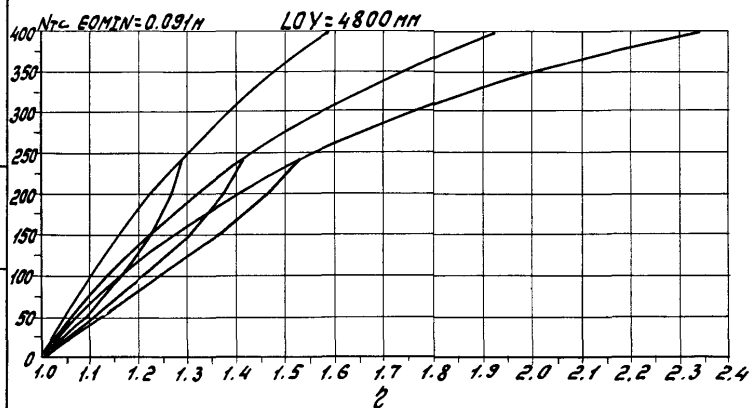
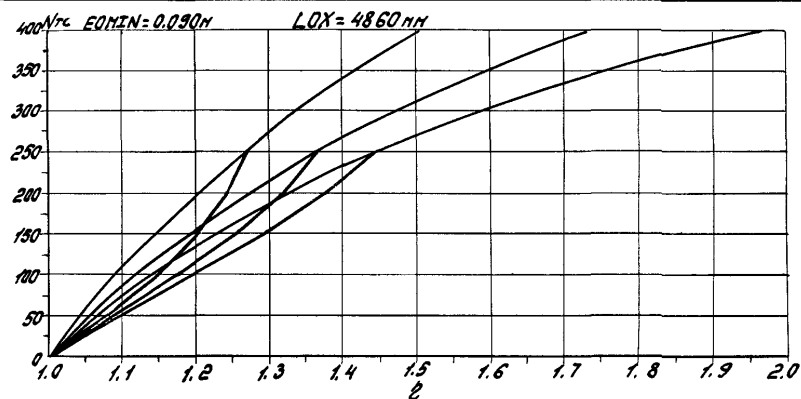
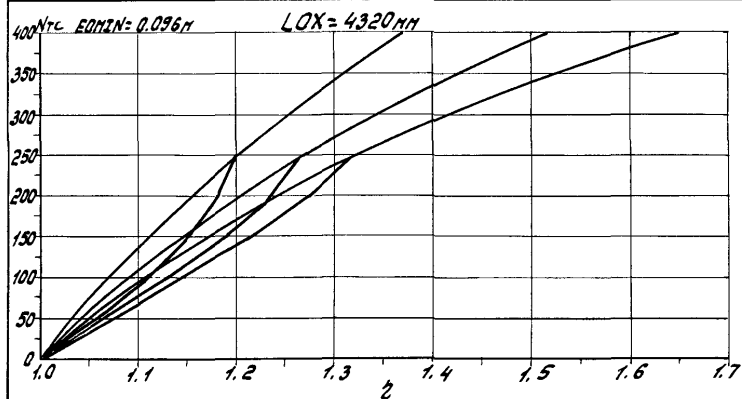


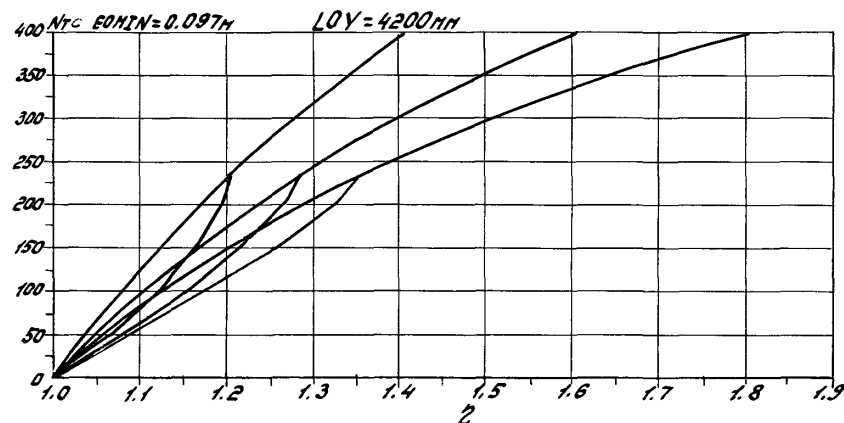
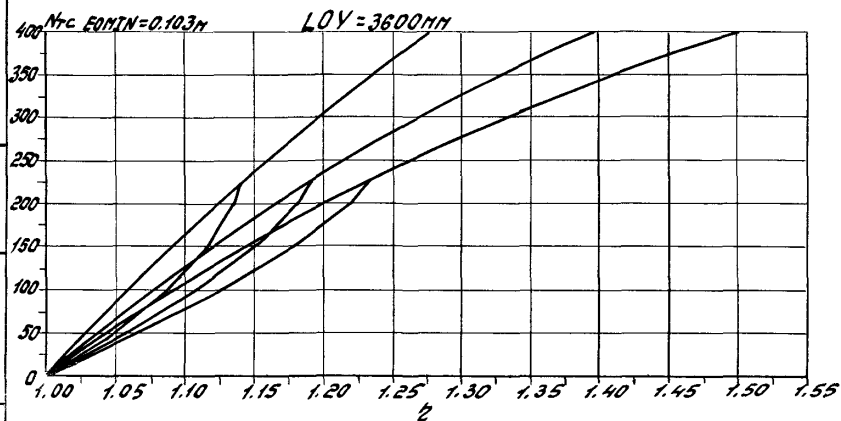
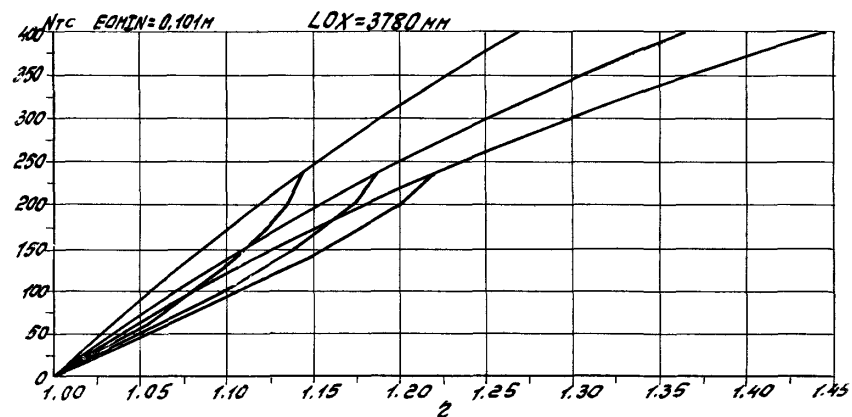
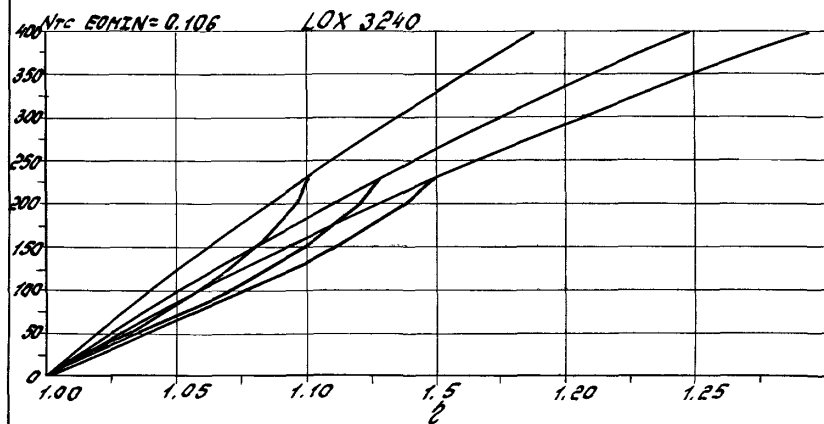
1.020.1-4 0-9 002

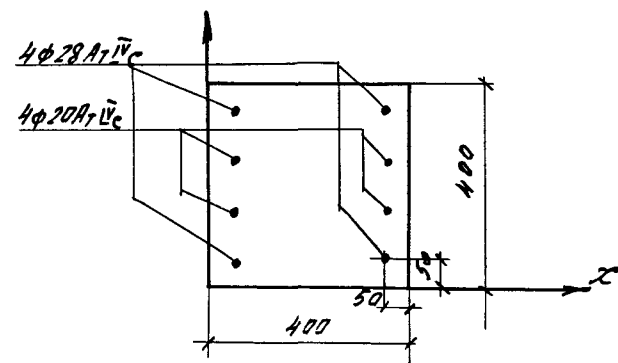
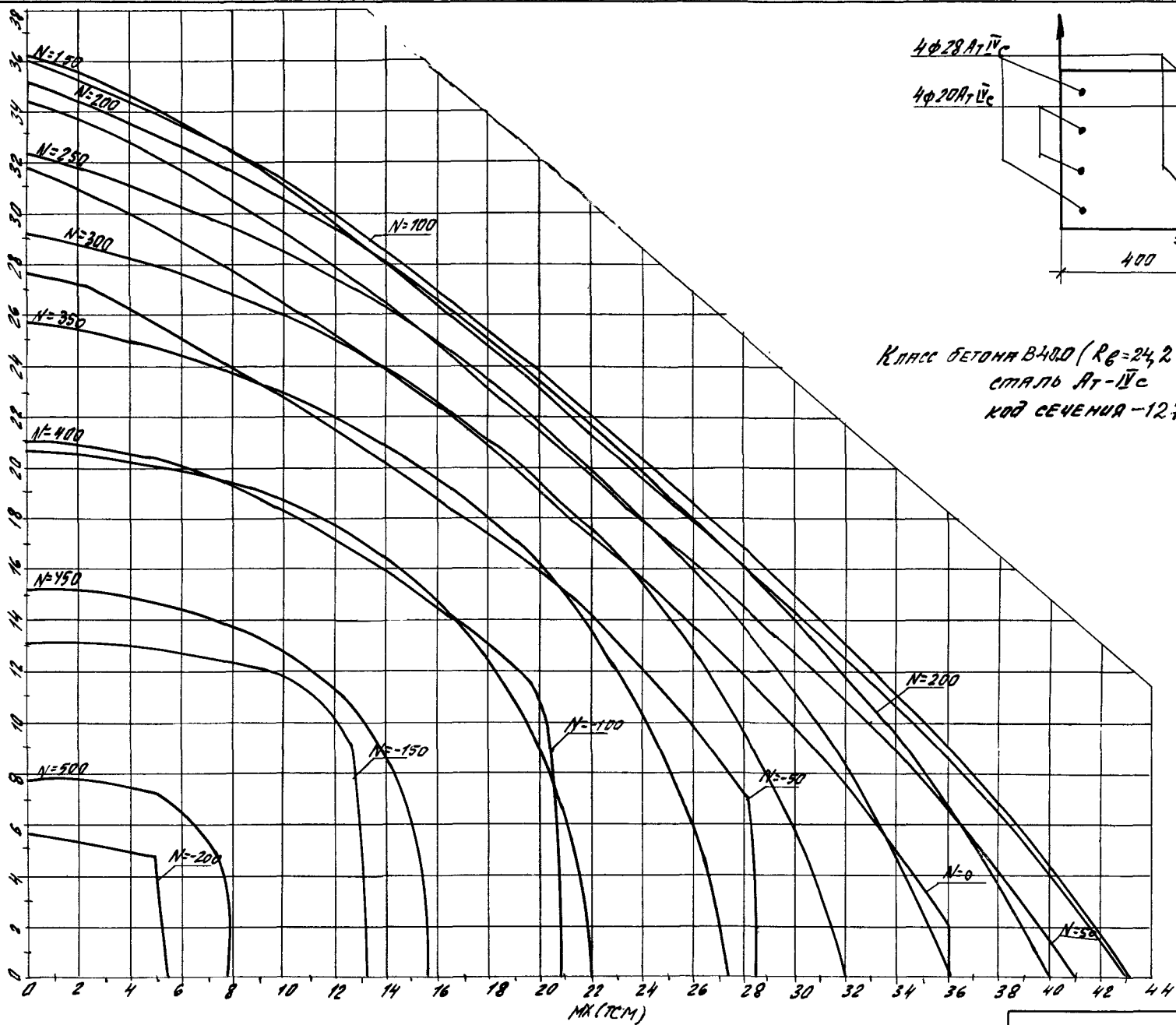


Класс бетона В30 ($R_b = 15.3$ МПа при учете $\gamma_{b2} = 0.90$)
Сталь АТ-IVc
Код сечения -126δ





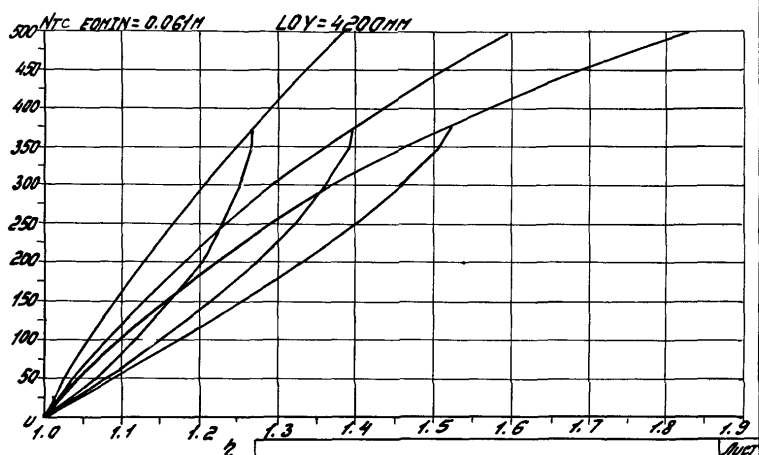
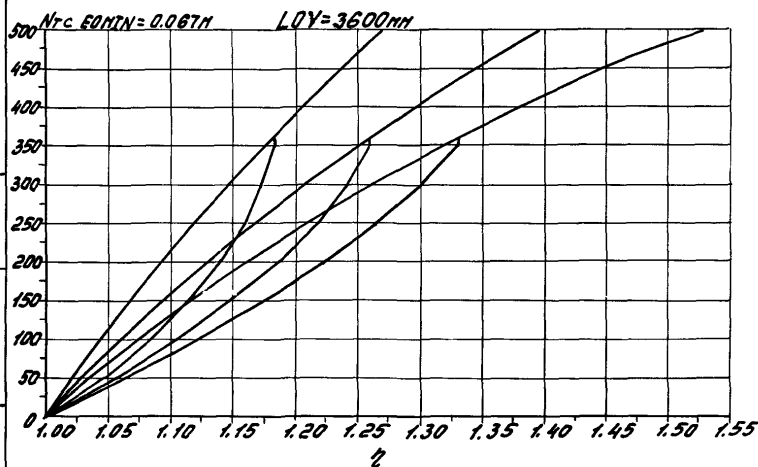
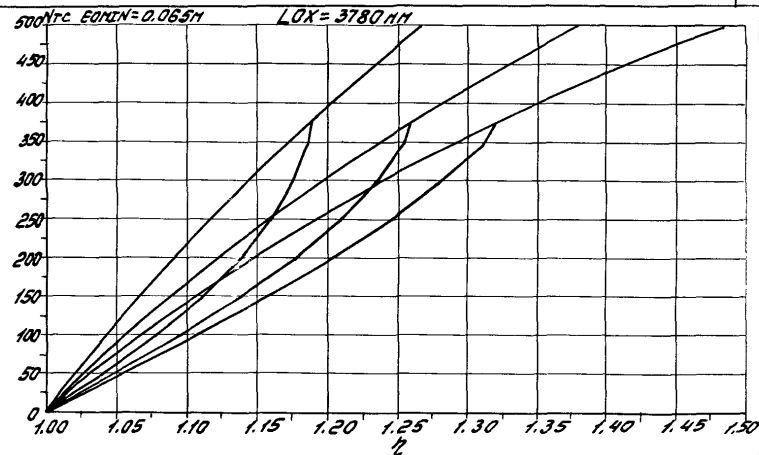
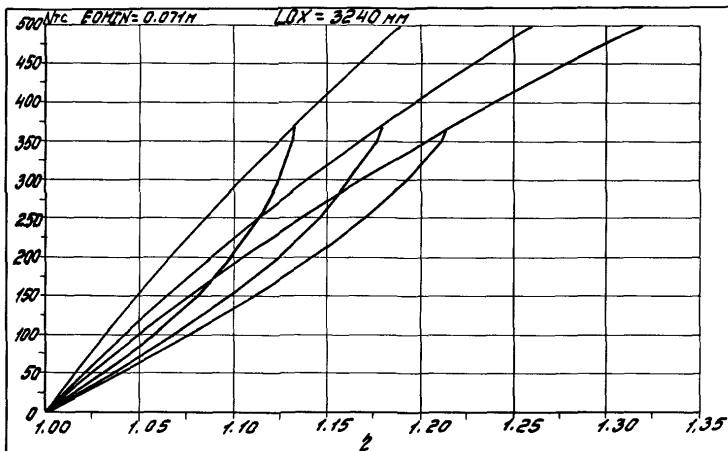




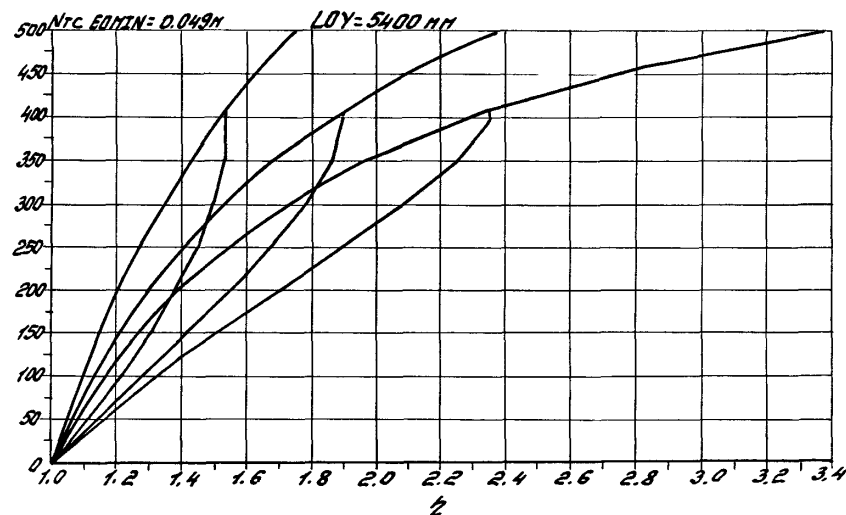
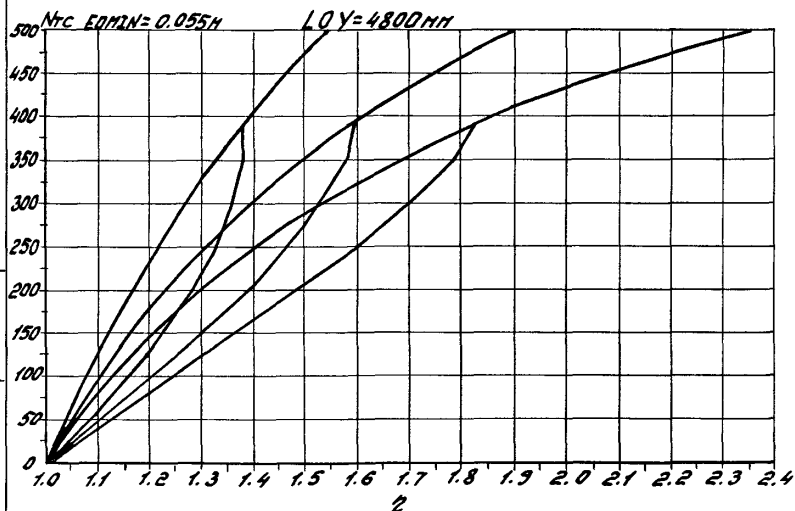
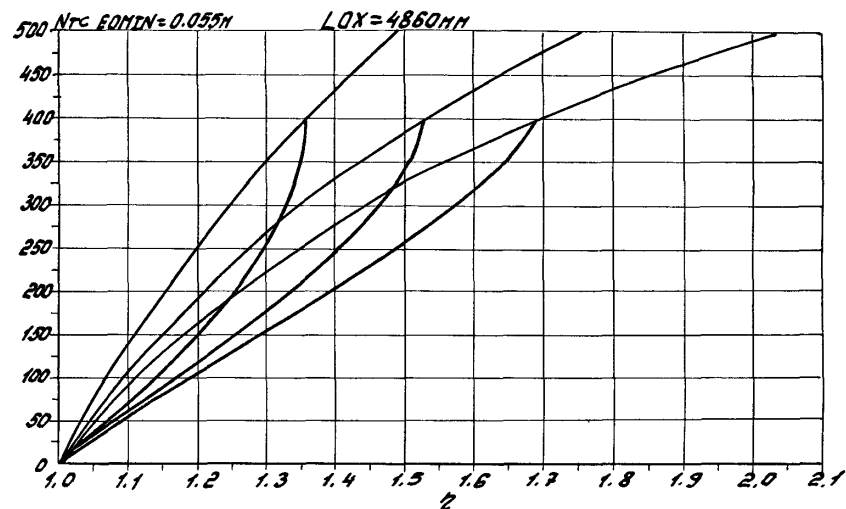
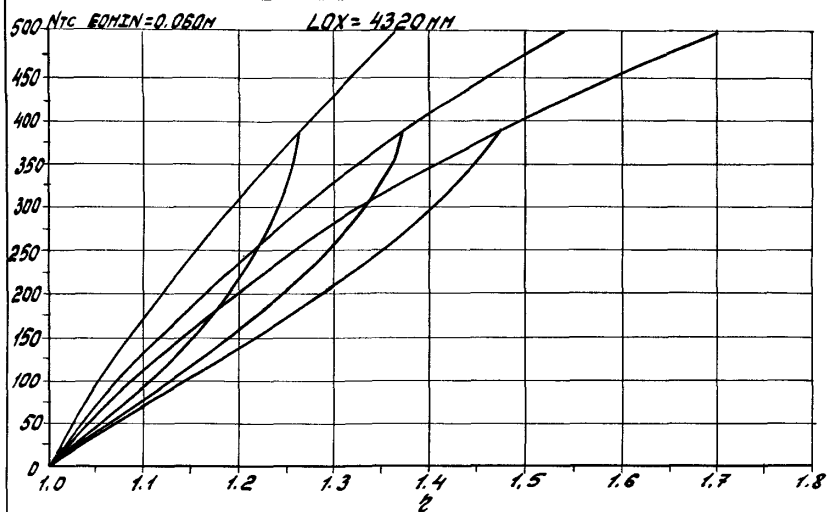
Класс бетона В40.0 ($R_b = 24.2$ МПа при учете $\gamma_{b2} = 1.10$)
 сталь А7-15с
 код сечения - 127u

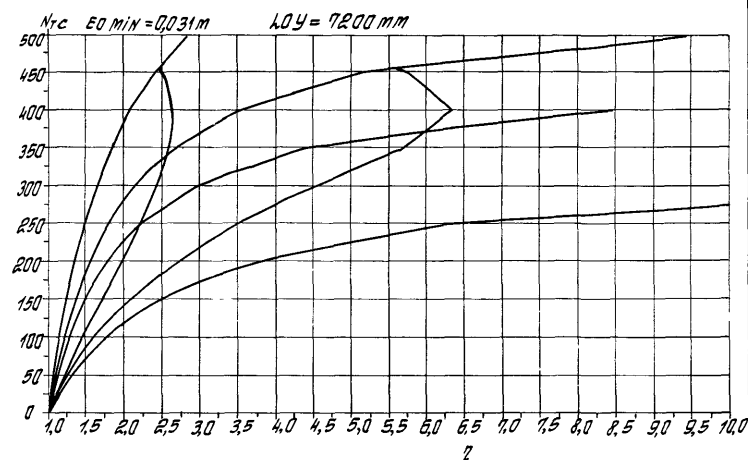
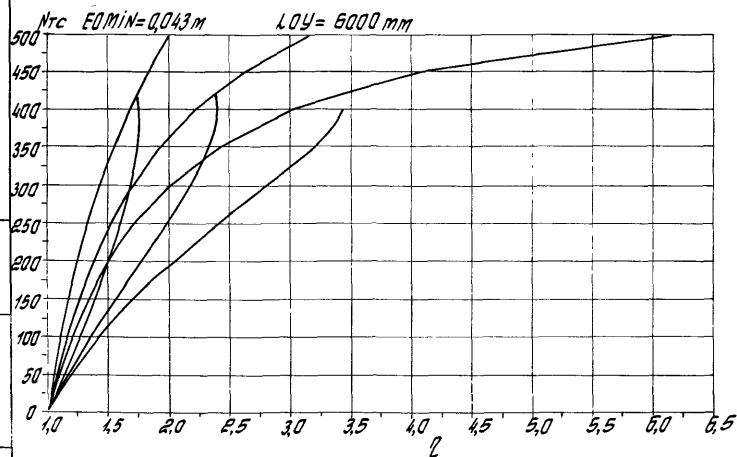
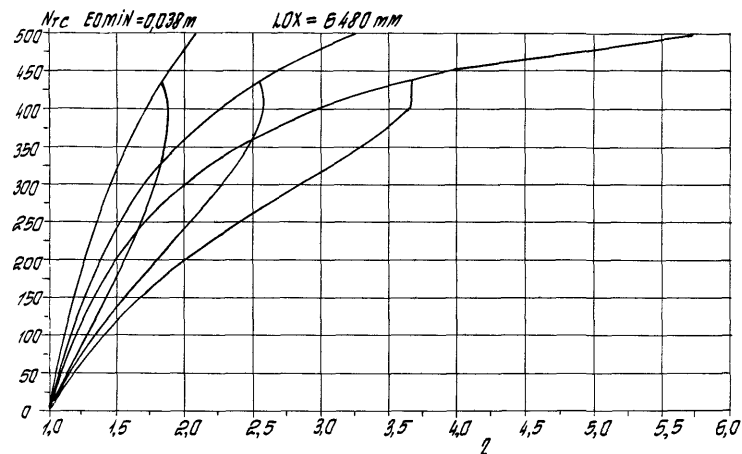
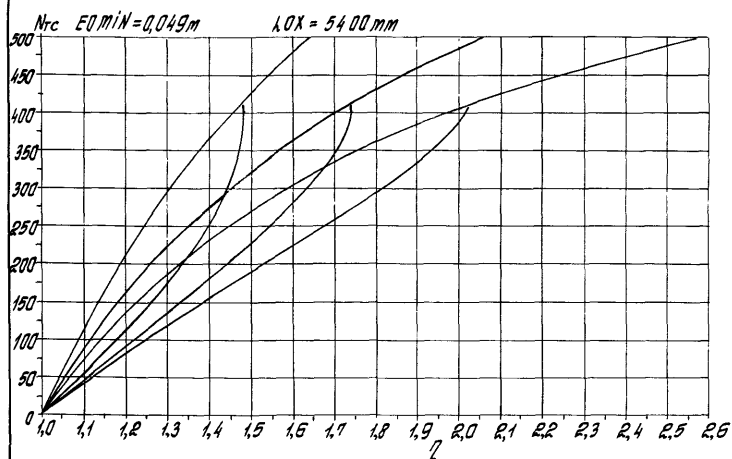
1.020.4 0-9 002

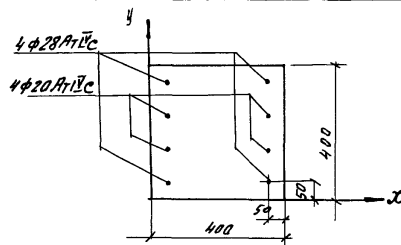
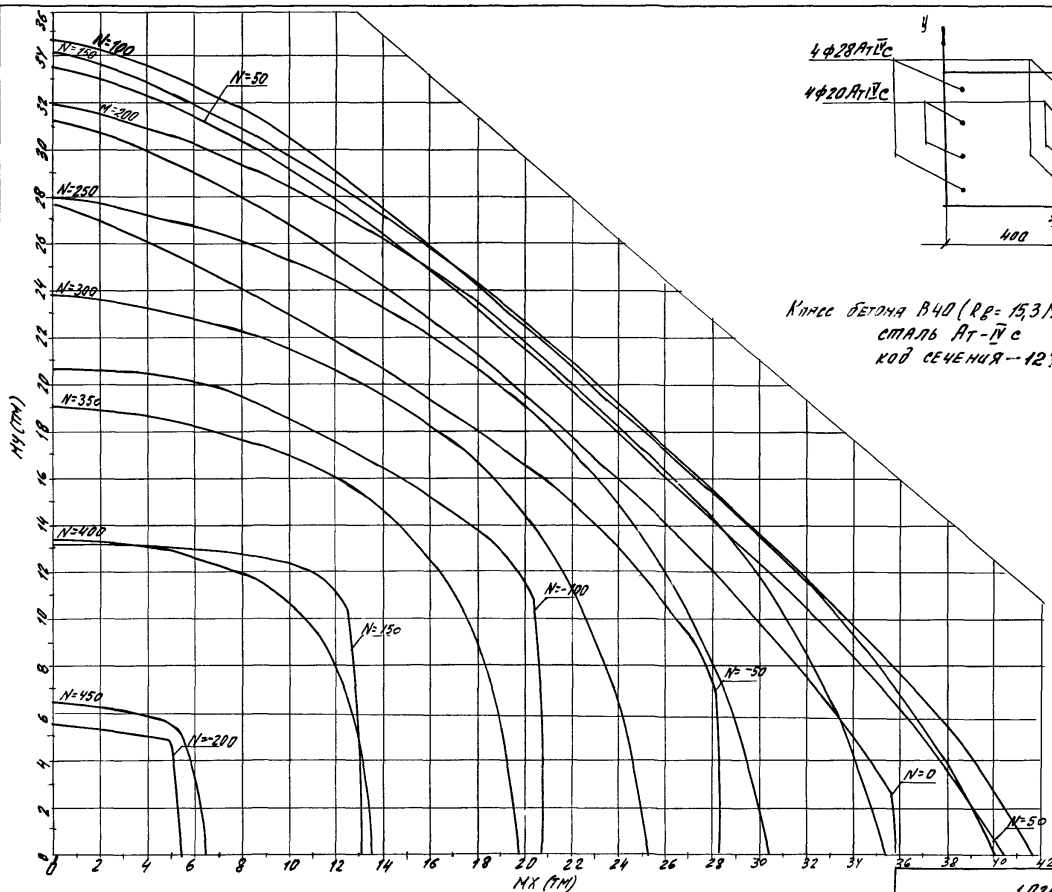
ИУТ
209



1.0201-4 0-9 102



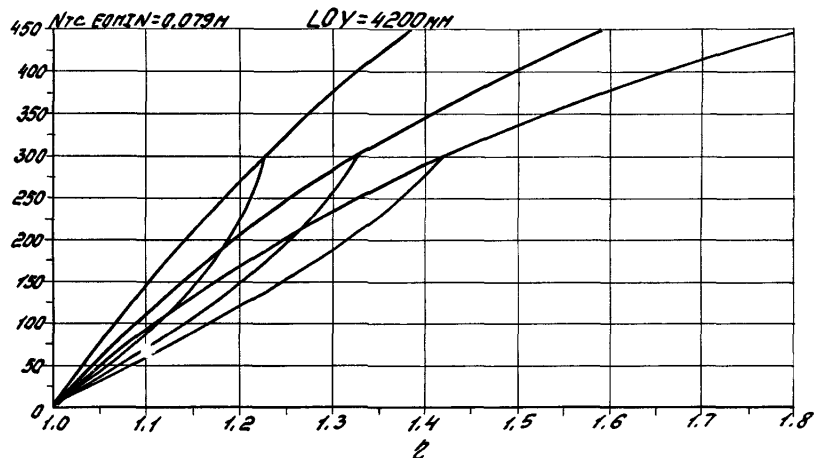
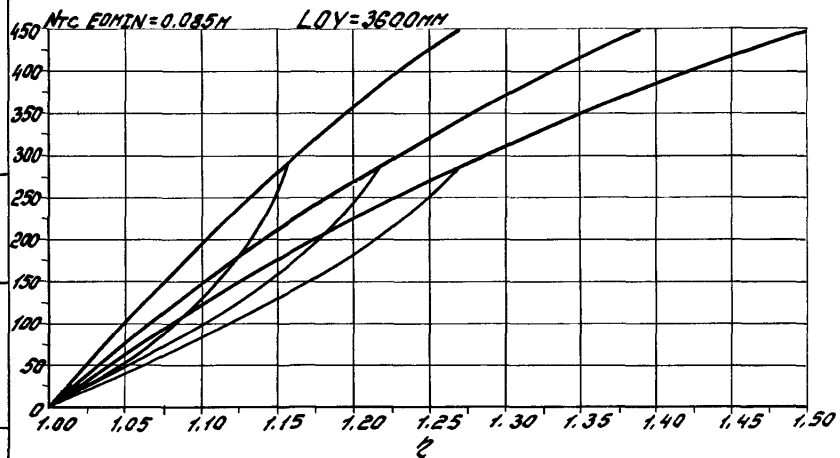
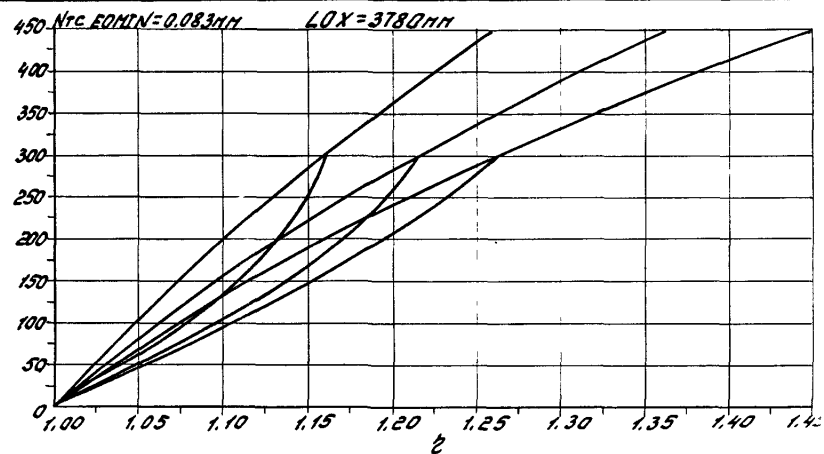
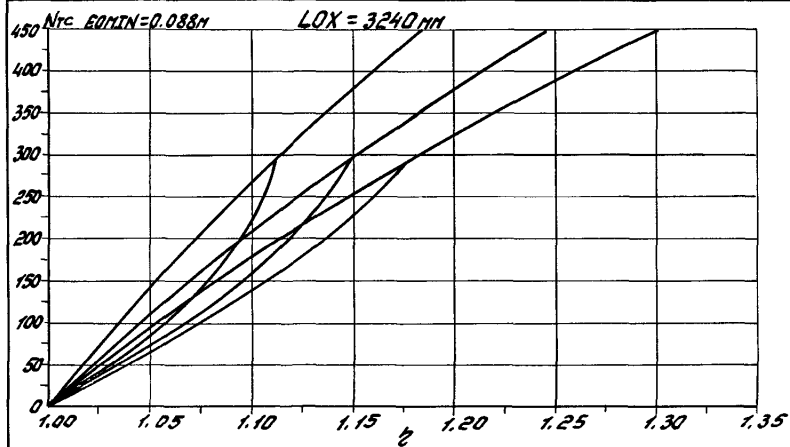


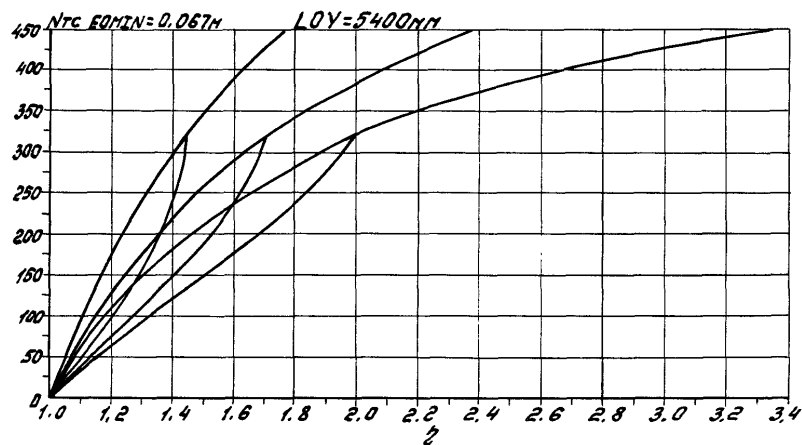
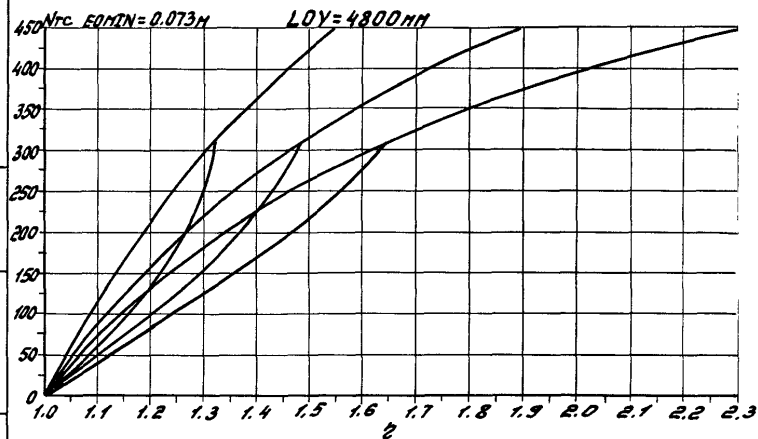
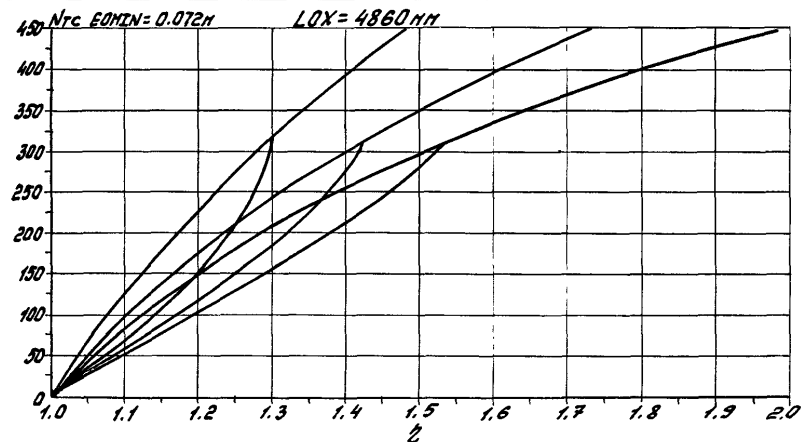
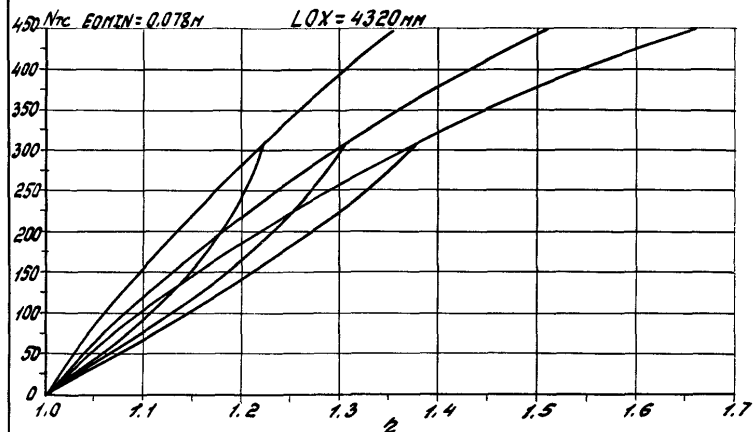


Класс бетона В40 ($R_b = 15,3 \text{ МПа}$ при учете $\gamma_{b2} = 0,90$)
 сталь Ат-III с
 код сечения -- 1275

1.020.1-4 0-9 002

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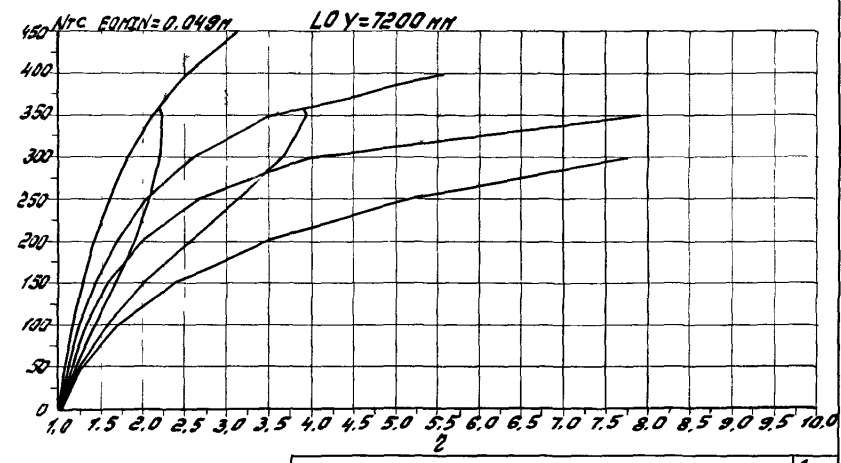
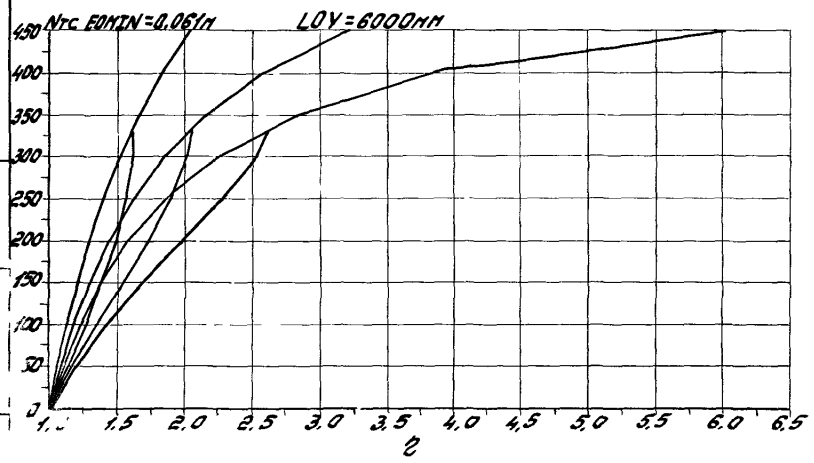
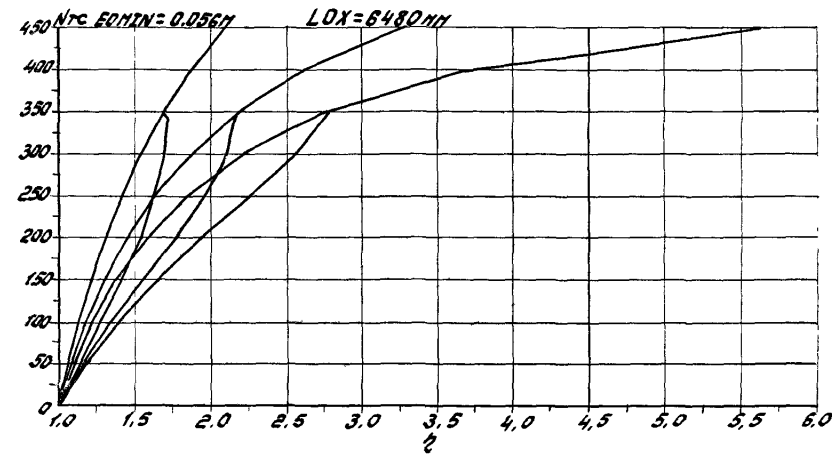
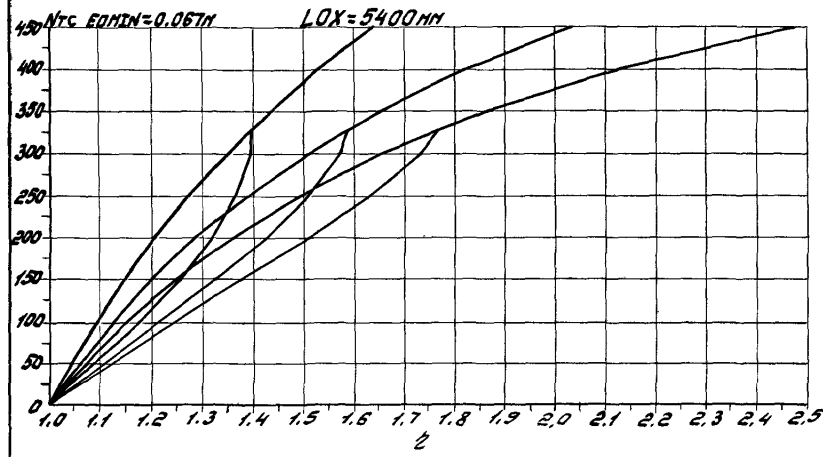




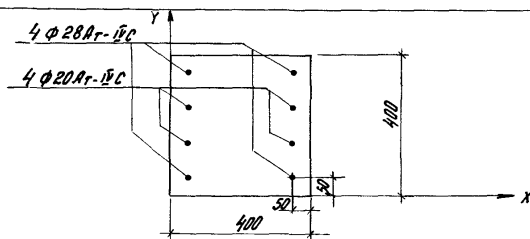
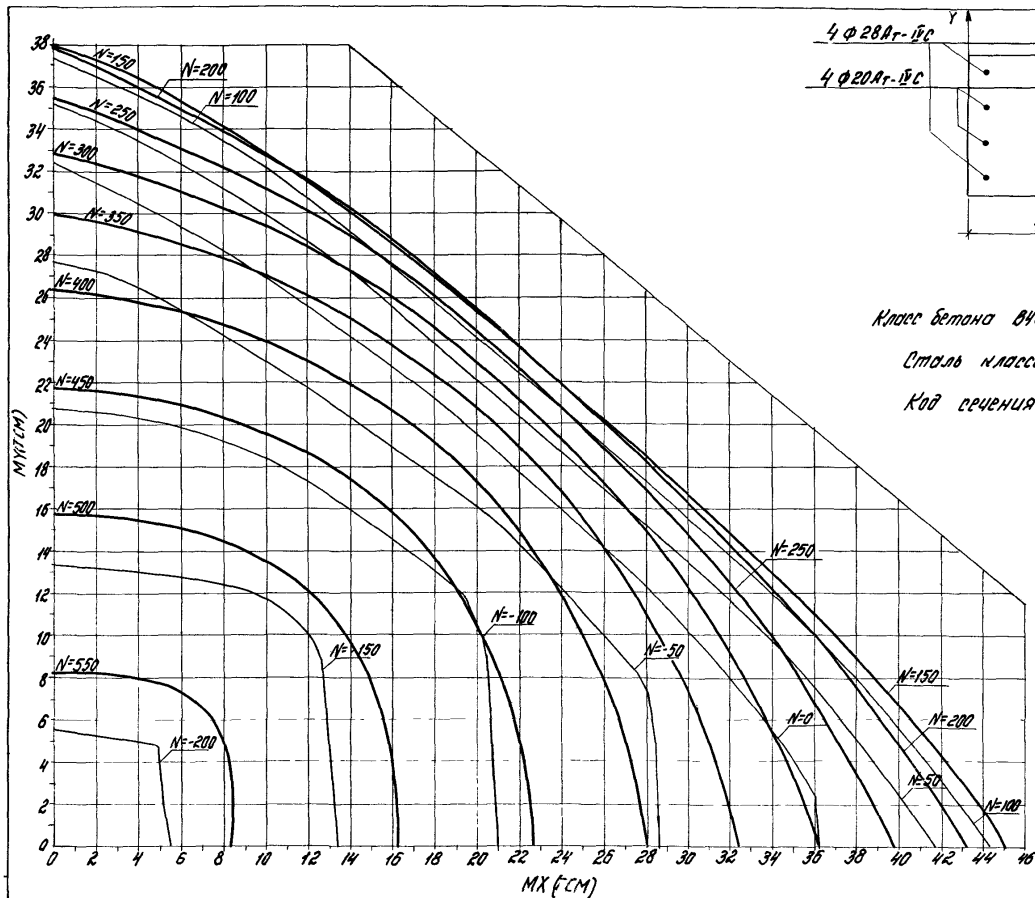
1.020.1-4 0-9 002

1/100m

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Углублённый анализ в 2000-2001 гг.



Класс бетона В45.0 ($R_b = 27,5 \text{ МПа}$ при учете $\gamma_{b2} = 1,10$)

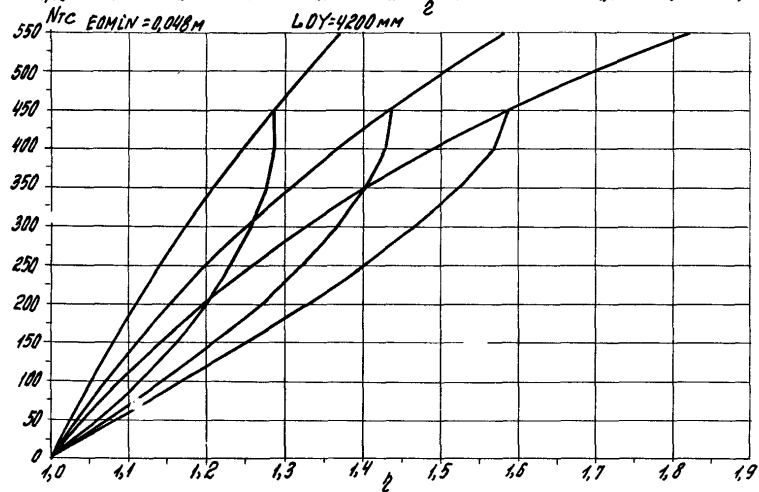
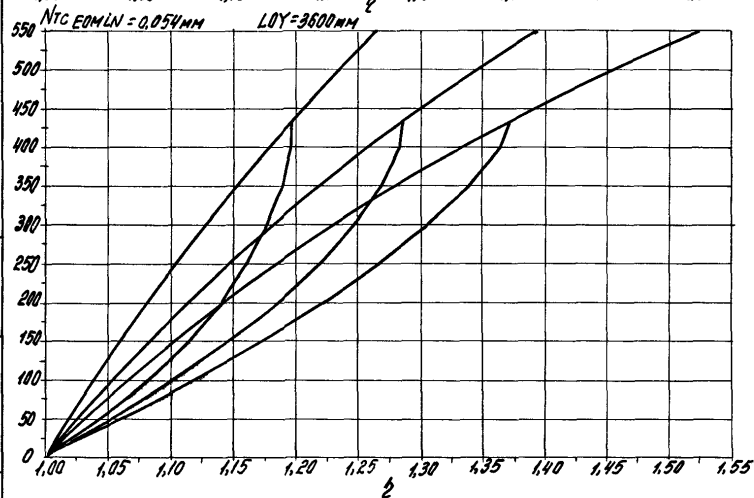
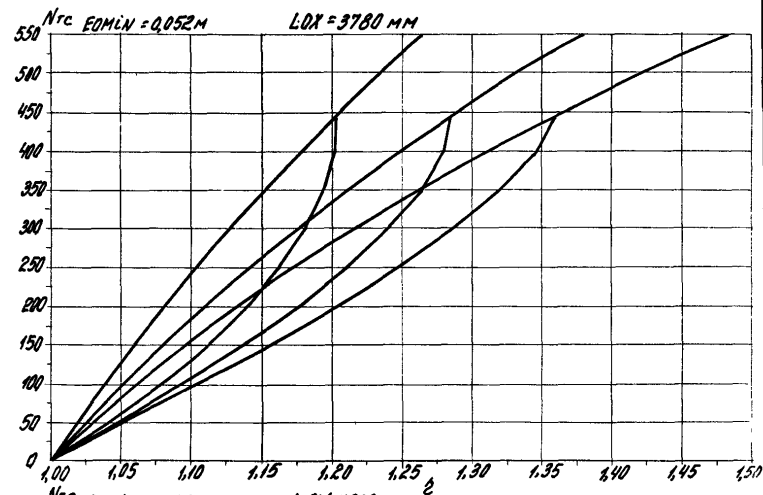
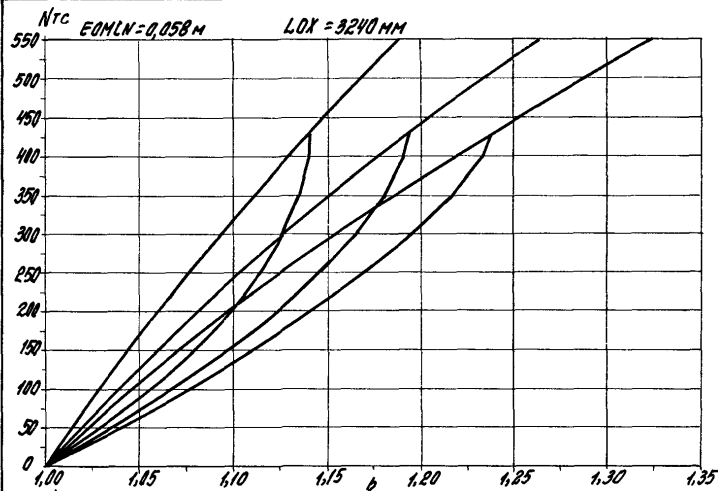
Сталь класса А-III

Код проекта-128а

1.020.1-4 0-9 002

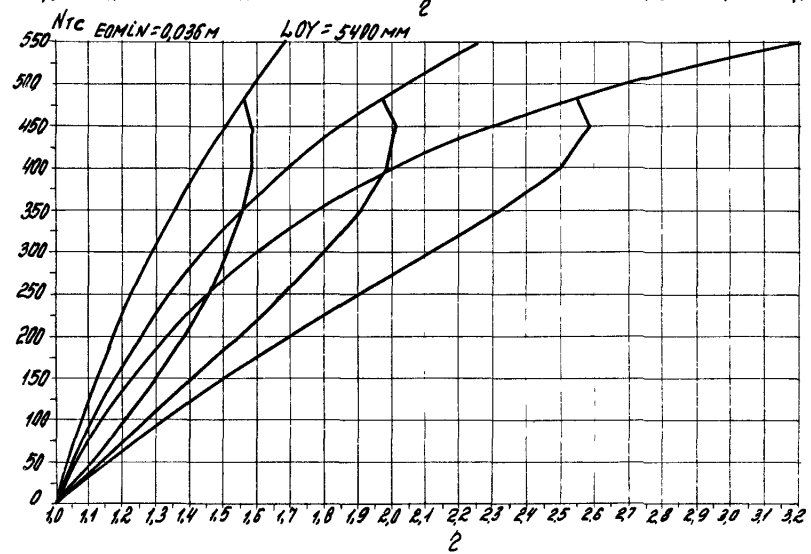
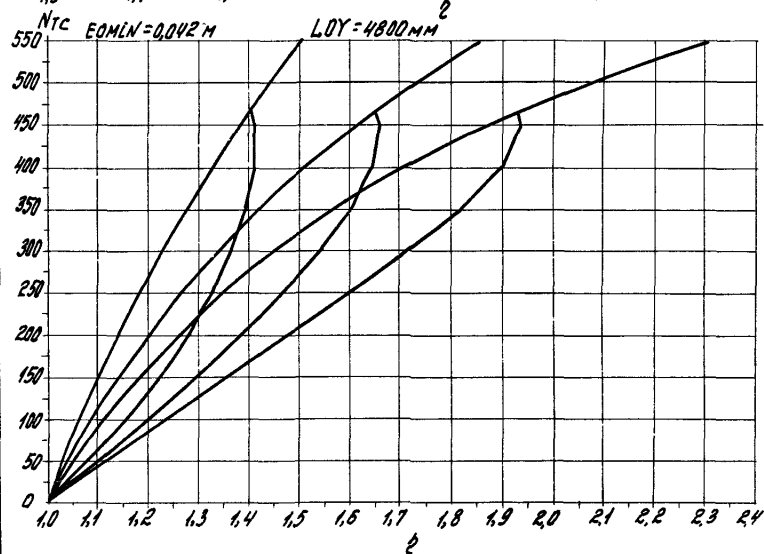
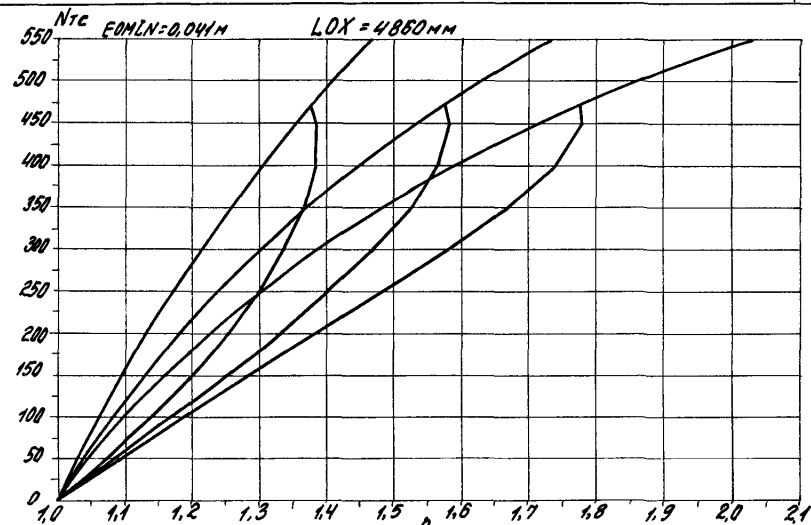
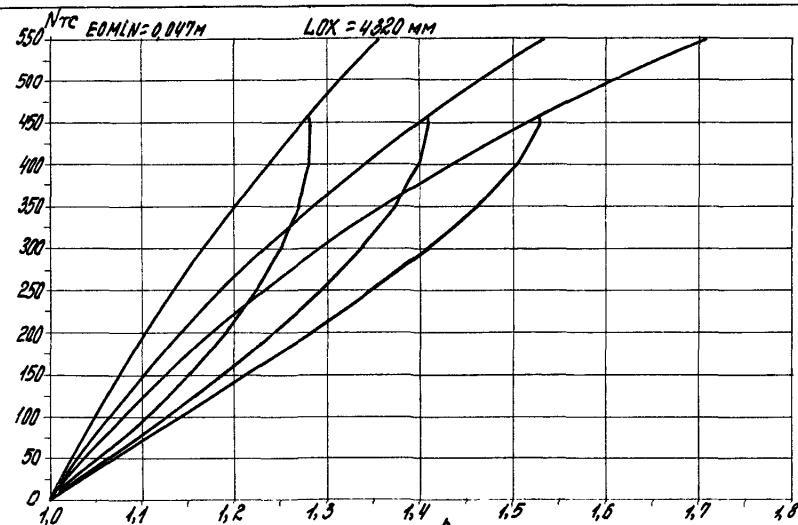
2007

217



1.020. 1-4 0-9 002

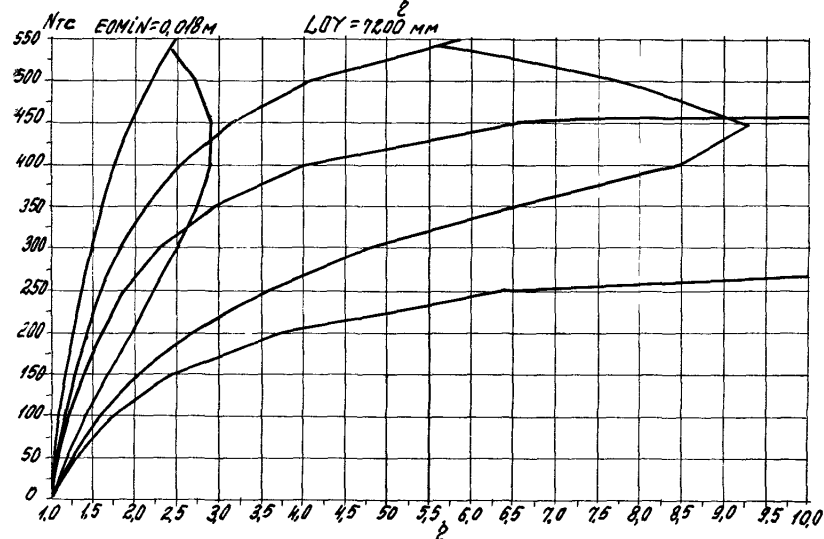
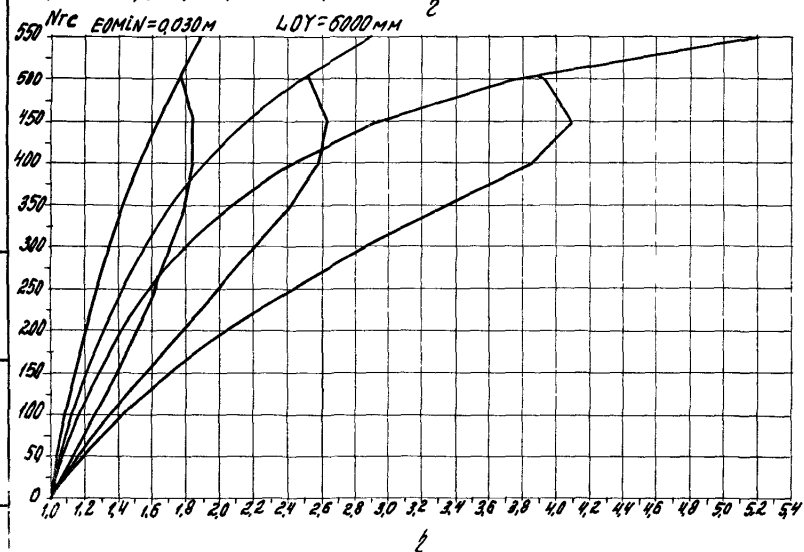
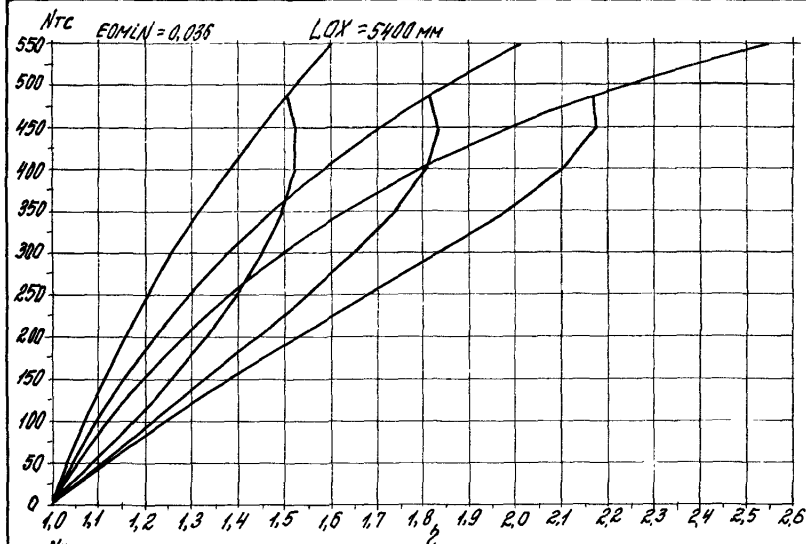
218



1.020. 1-4 0-9 002

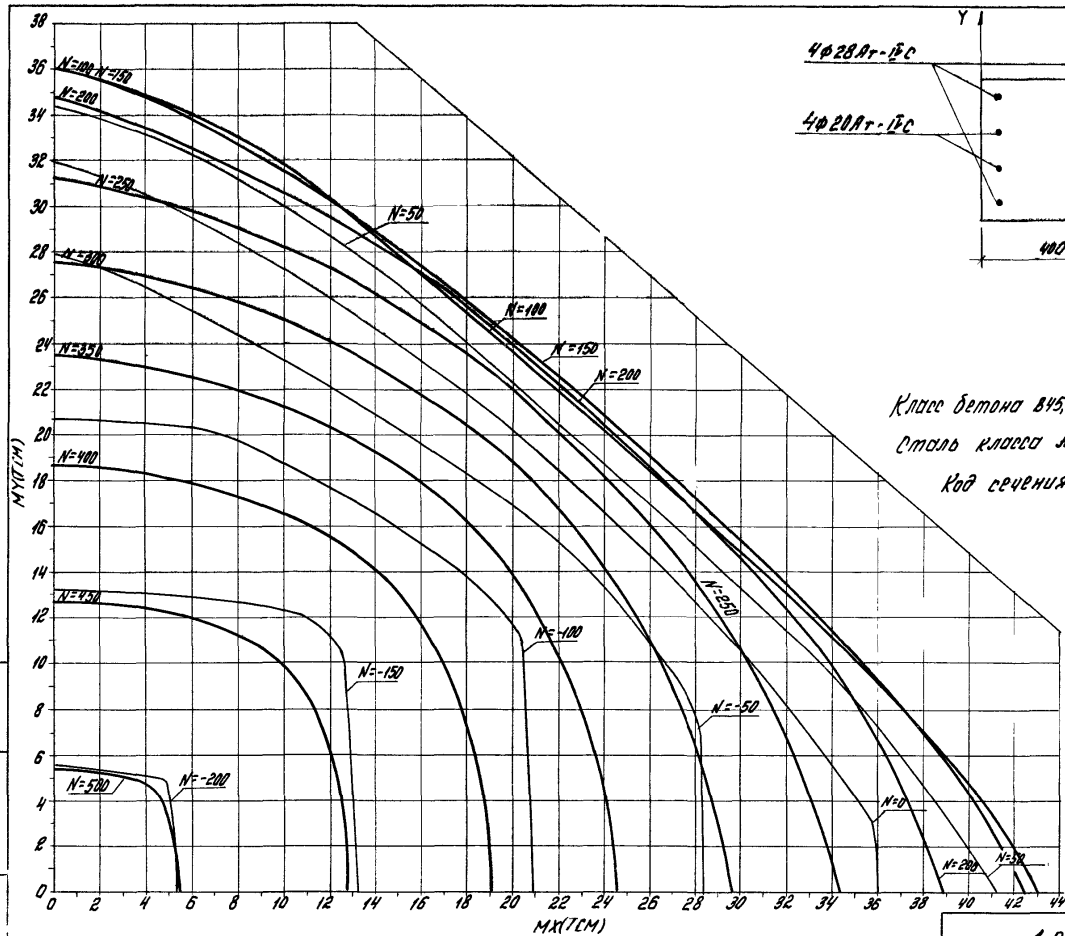
1/1000

219



1.020. 1-4 1-4 002

NTC
220



Класс бетона В15,0 ($R_b = 22,5 \text{ МПа}$ при учете $\gamma_{b2} = 0,90$)

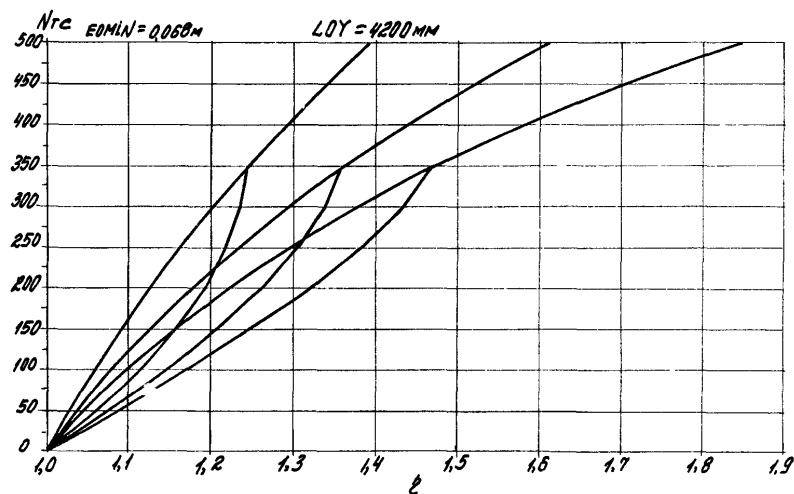
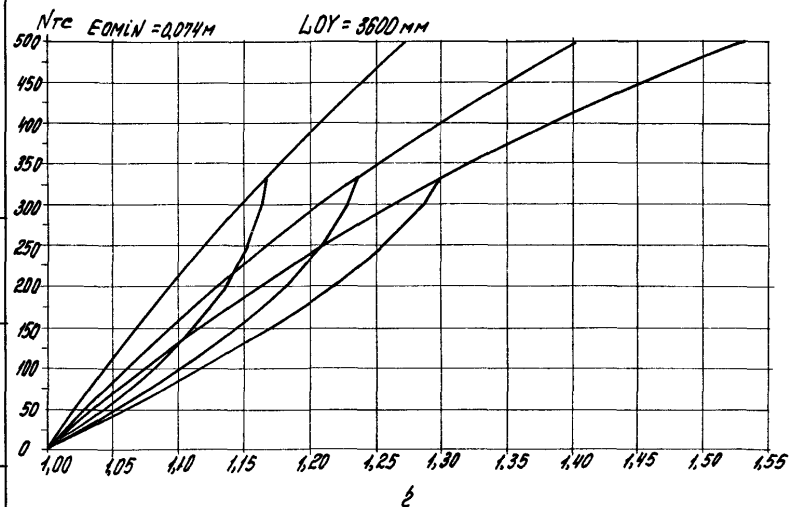
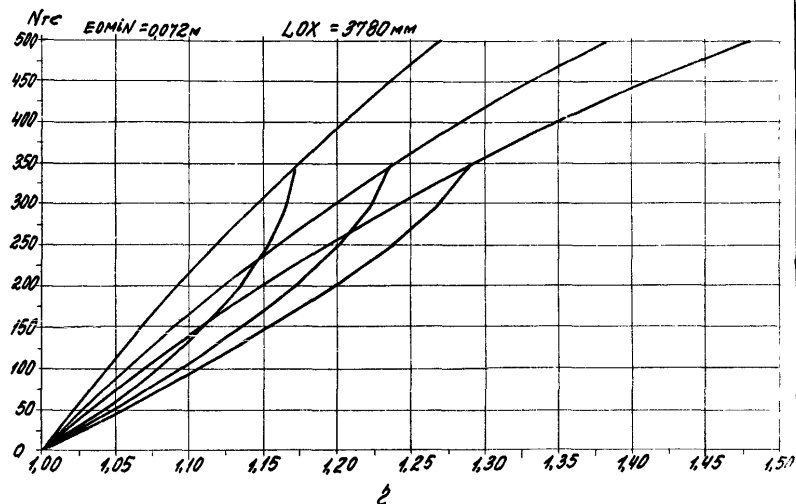
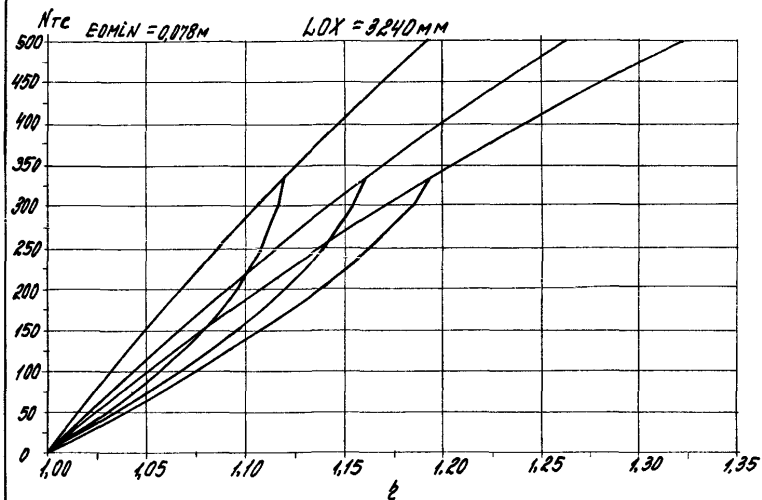
Сталь класса АТ-III

Код сечения - 1288

1.020. 1-4 0-9 002

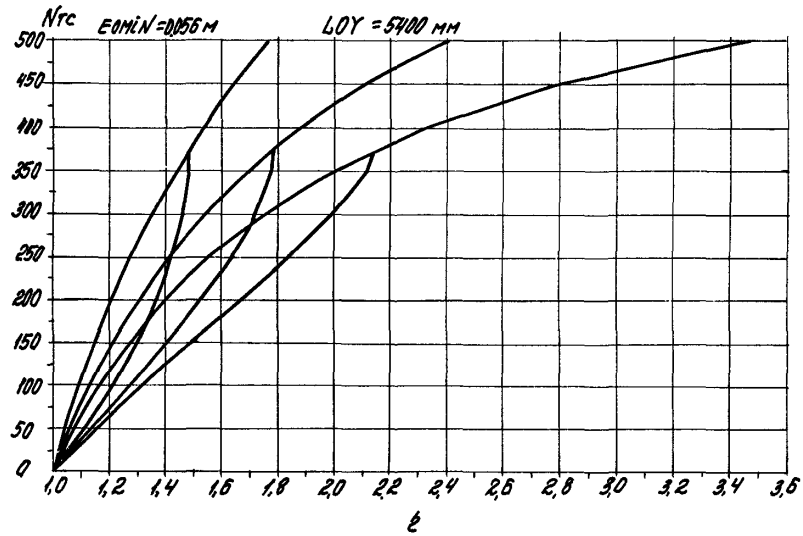
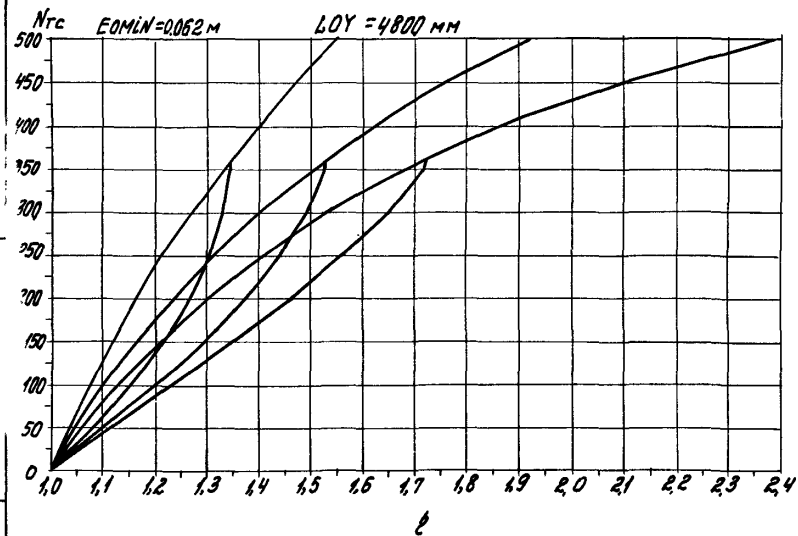
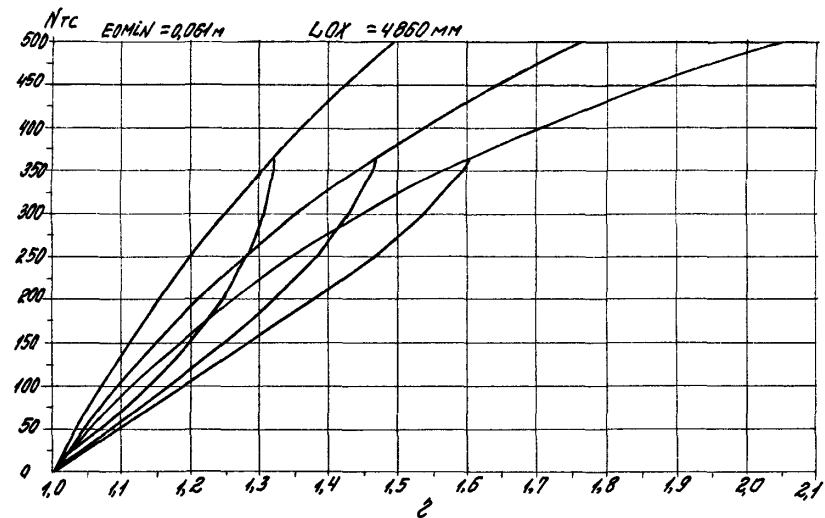
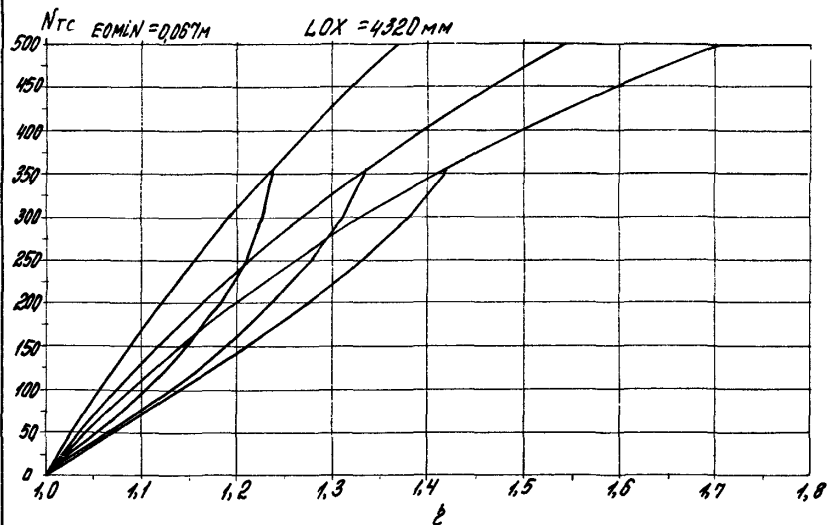
1007

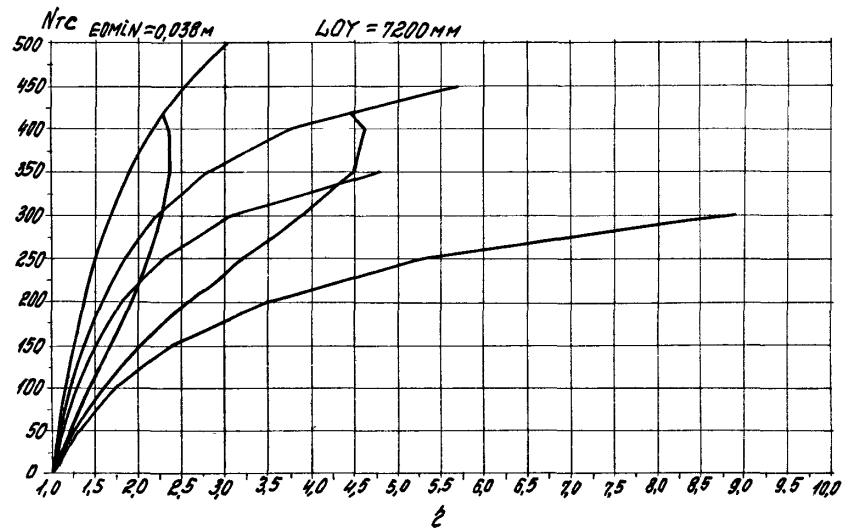
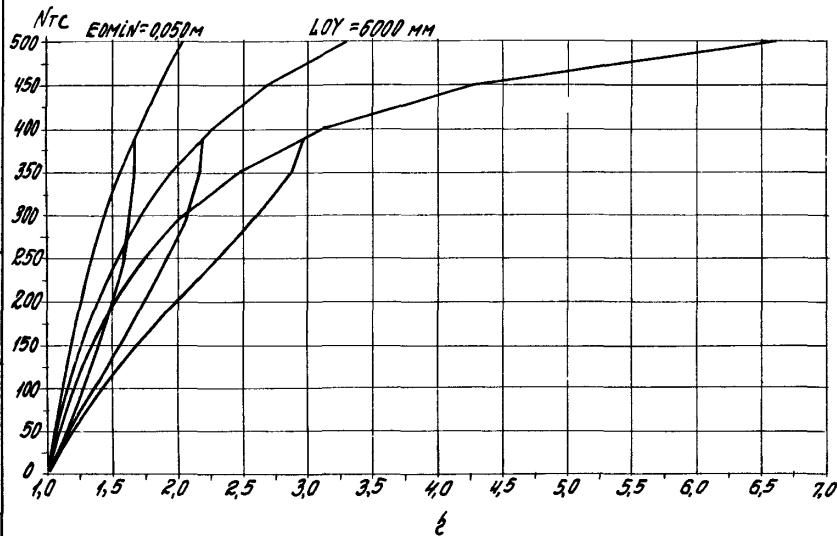
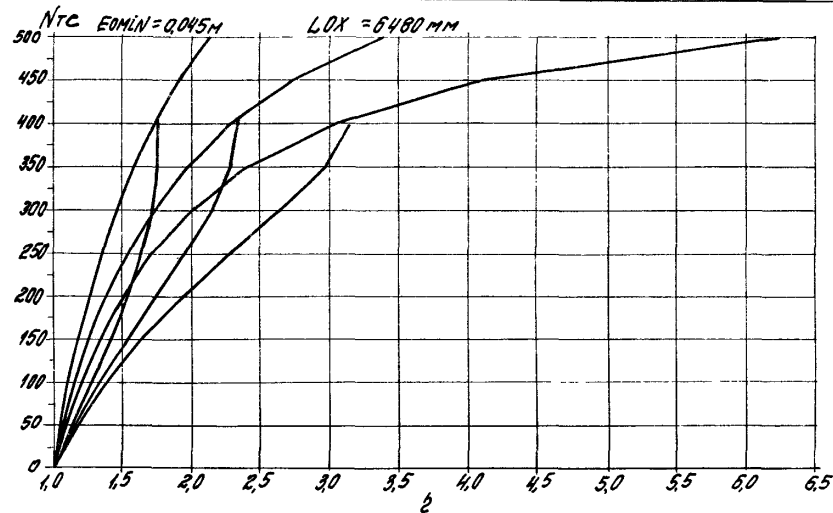
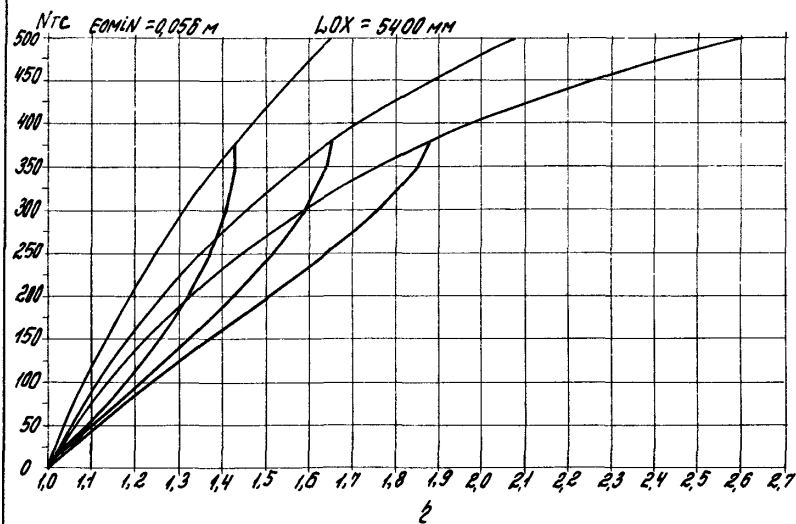
221



1.020. 1-7 0-9 002

NUGM
222

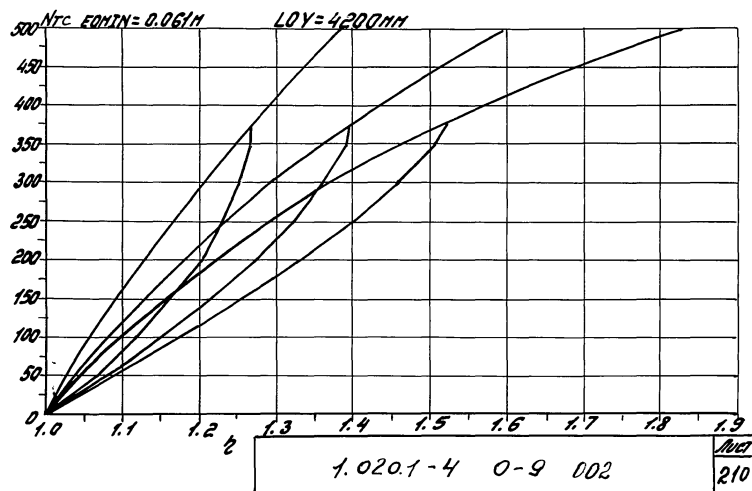
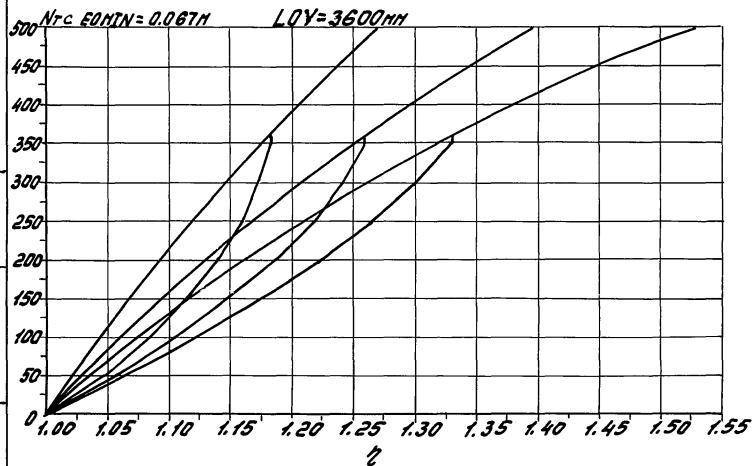
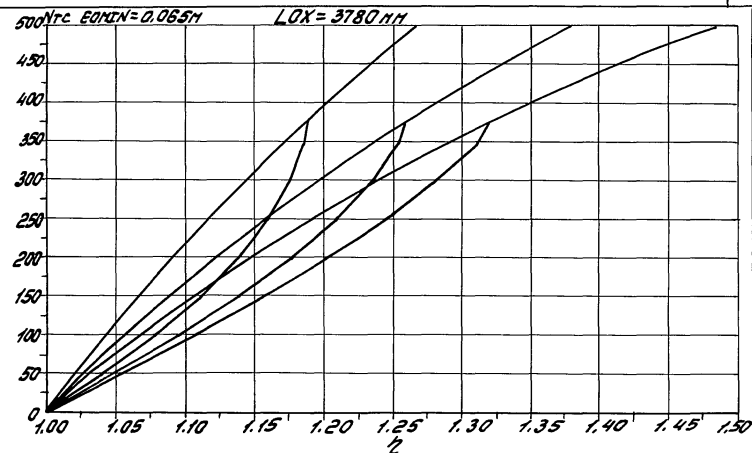
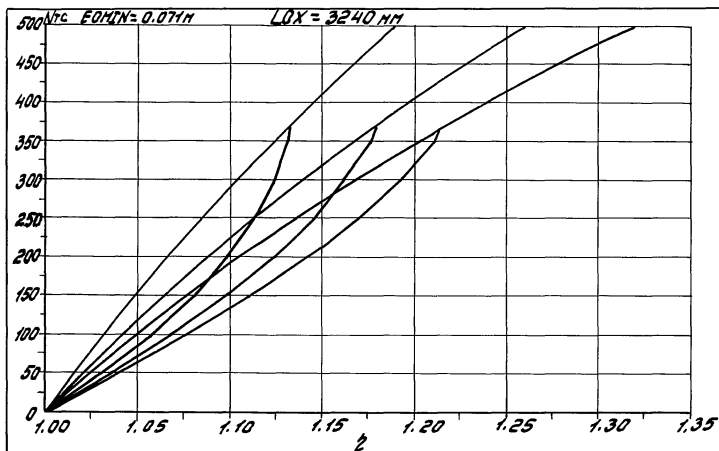




1.020.1-4 0-4 002

1.020.1-4 0-4 002

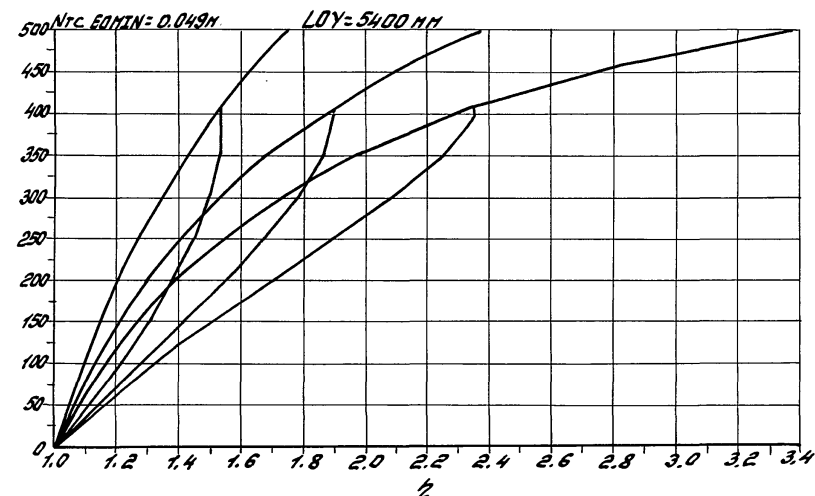
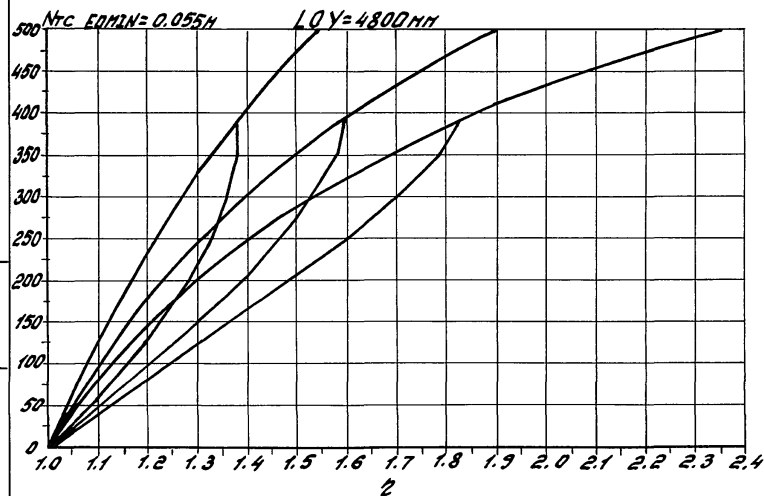
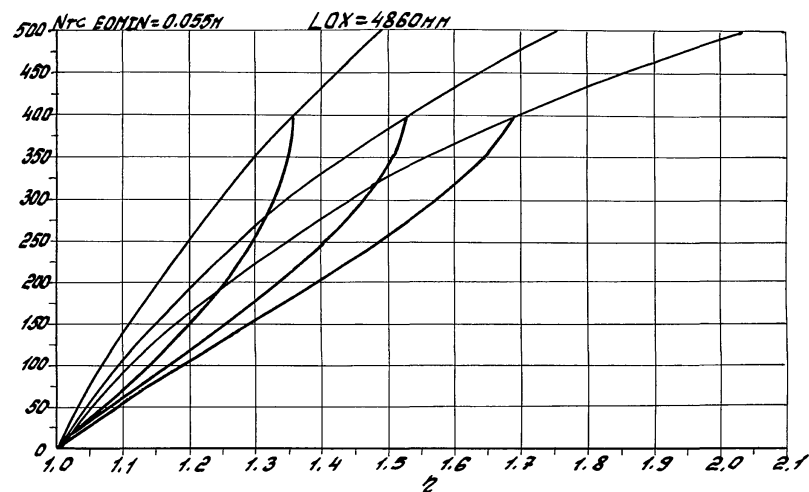
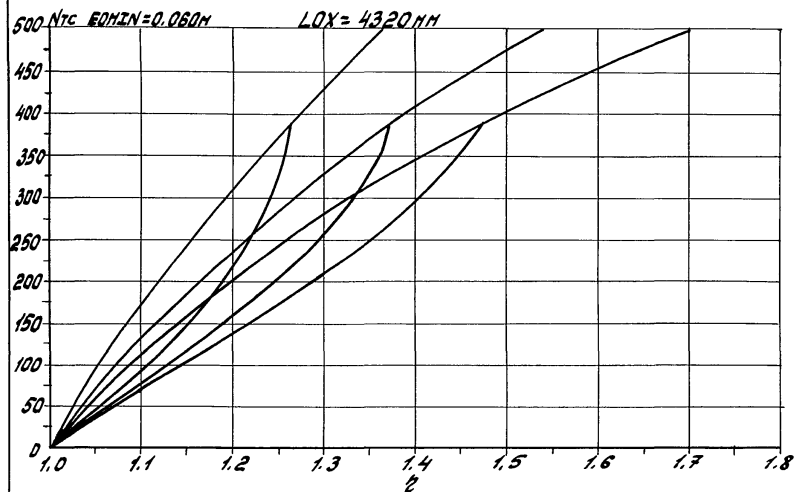
1.020.1-4 0-4 002



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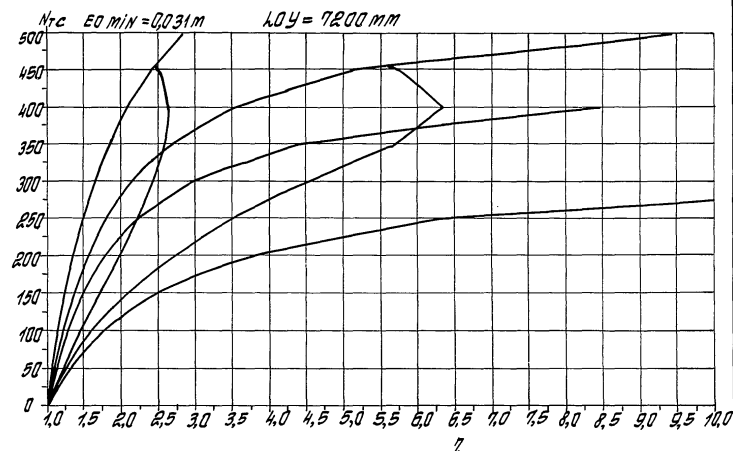
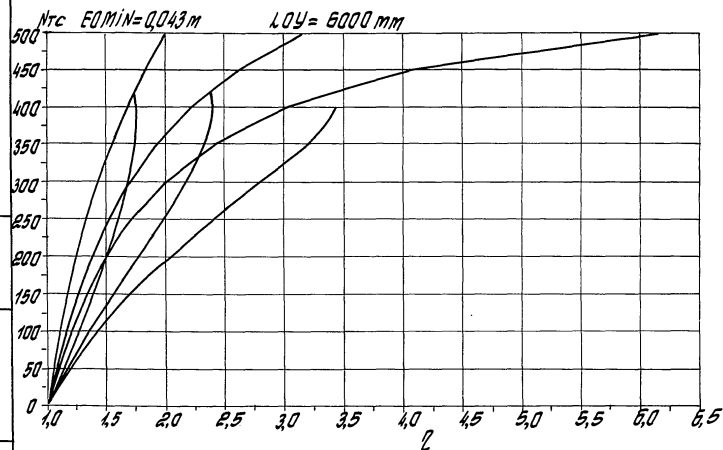
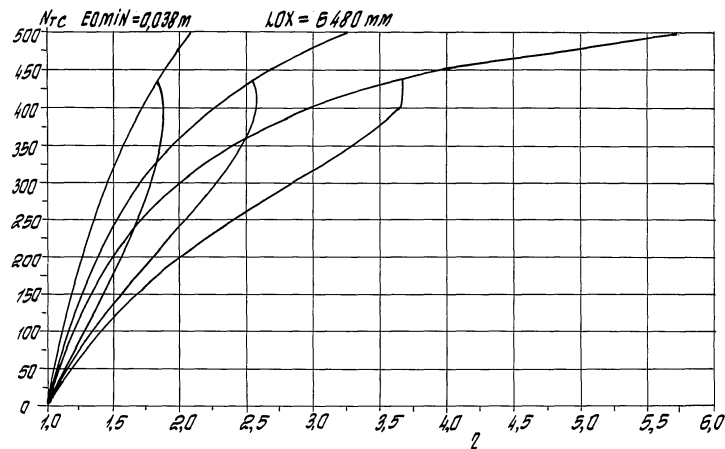
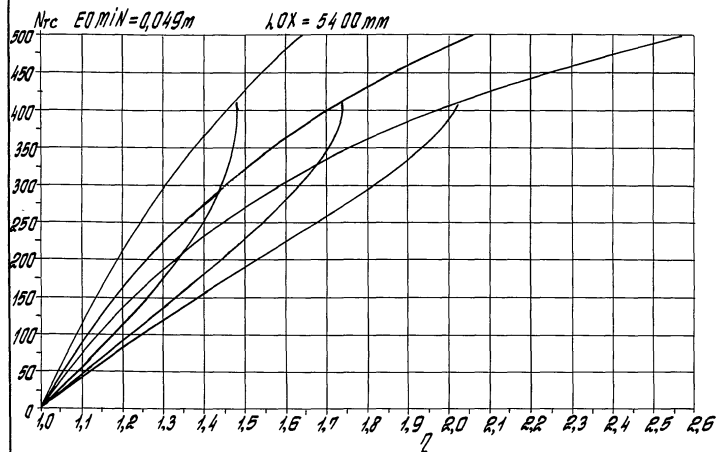


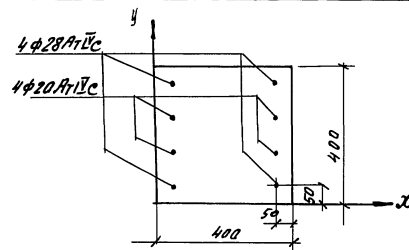
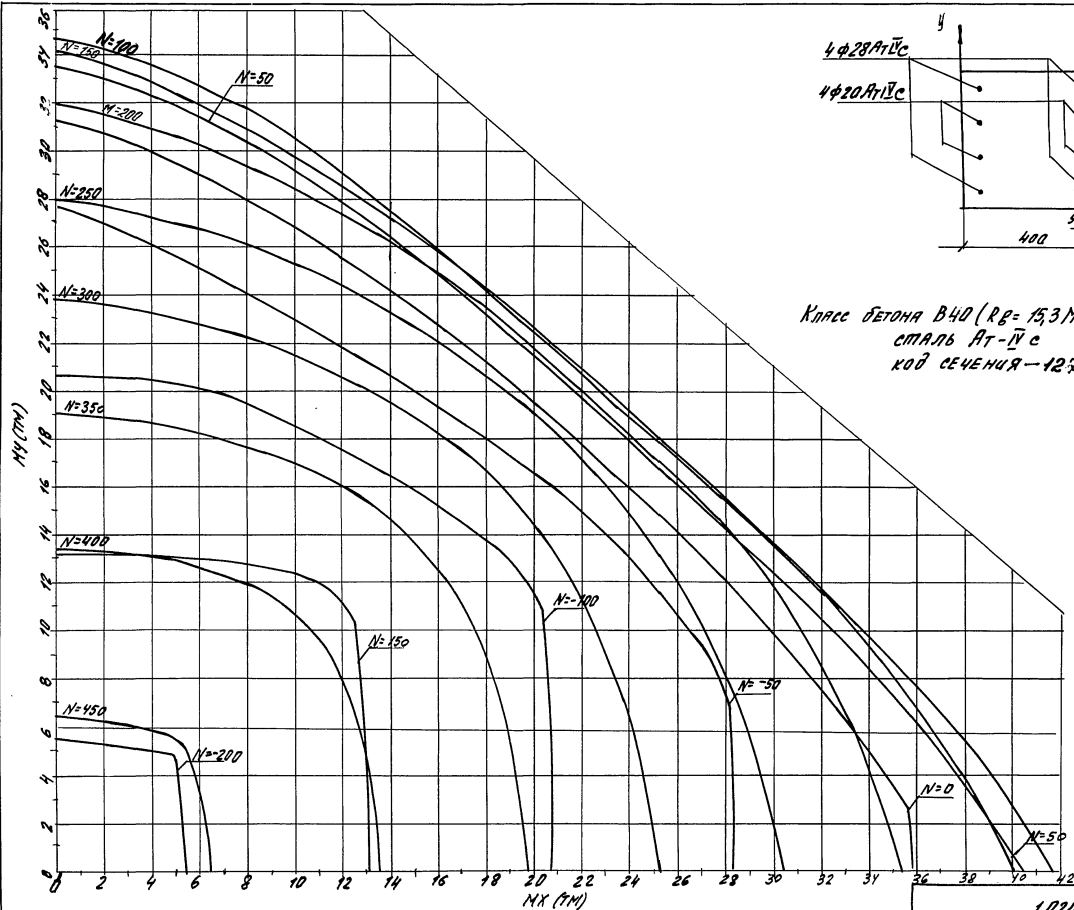
Умк. 11/2020. Проверка и дата 13.08.2020

1.020.1-4 0-9 002

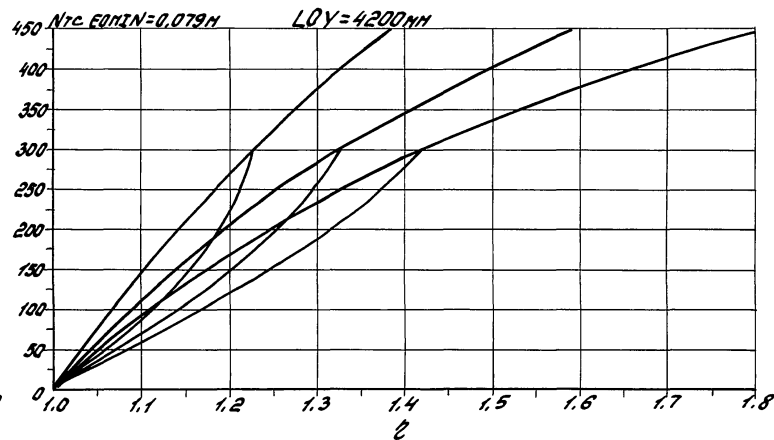
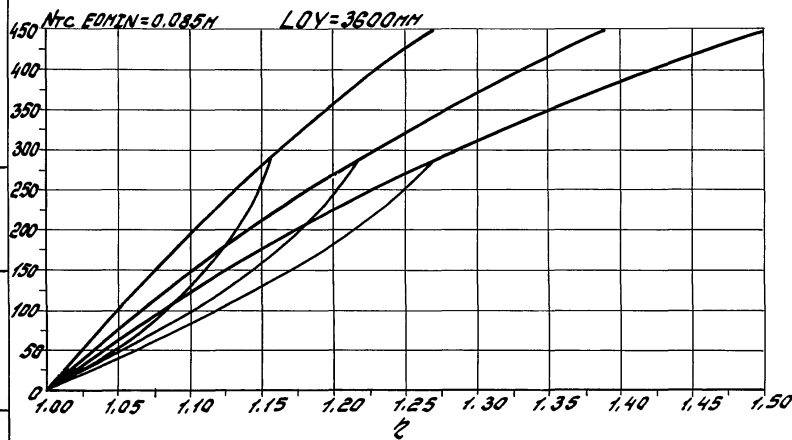
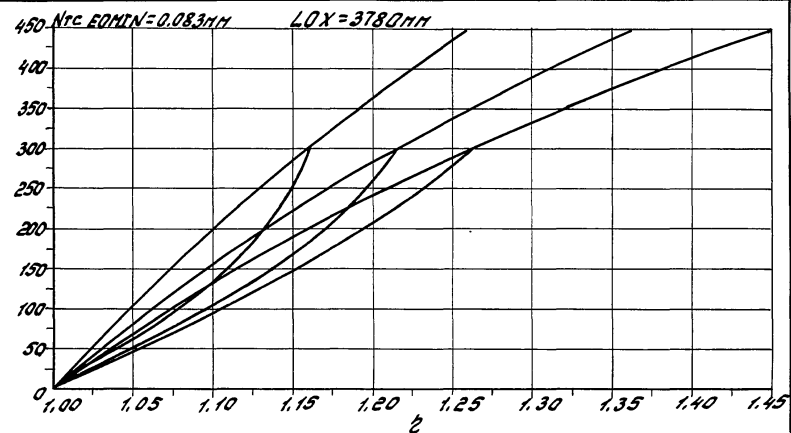
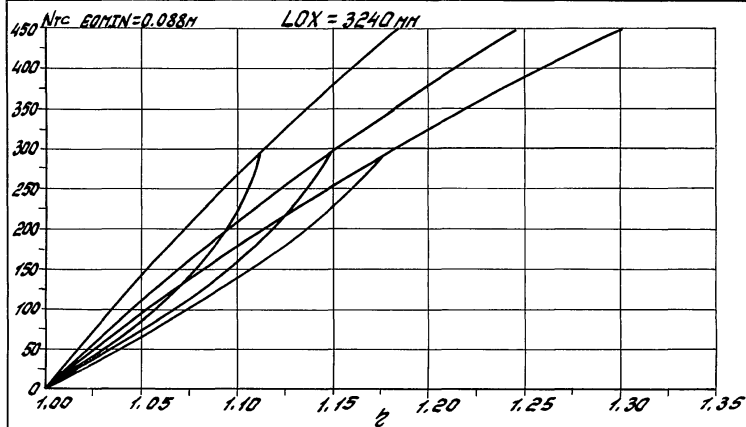
Личн
211

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Класс бетона В40 ($R_b = 15.3 \text{ МПа}$ при учете $\gamma_{b2} = 0.90$)
 сталь АТ-IV с
 код сечения — 1275

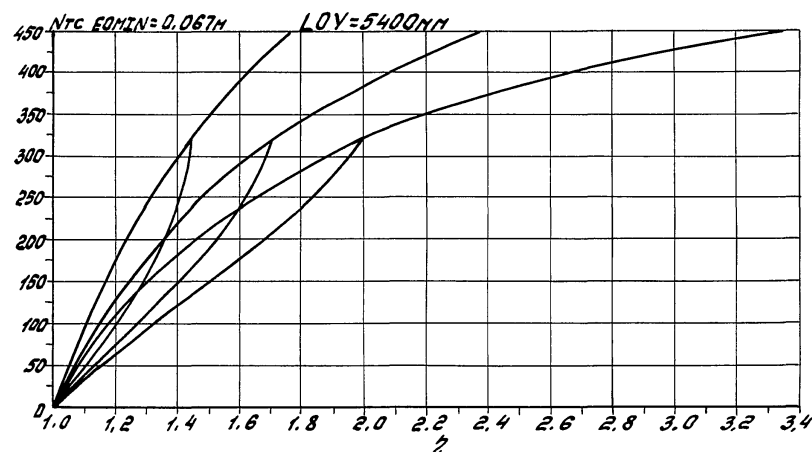
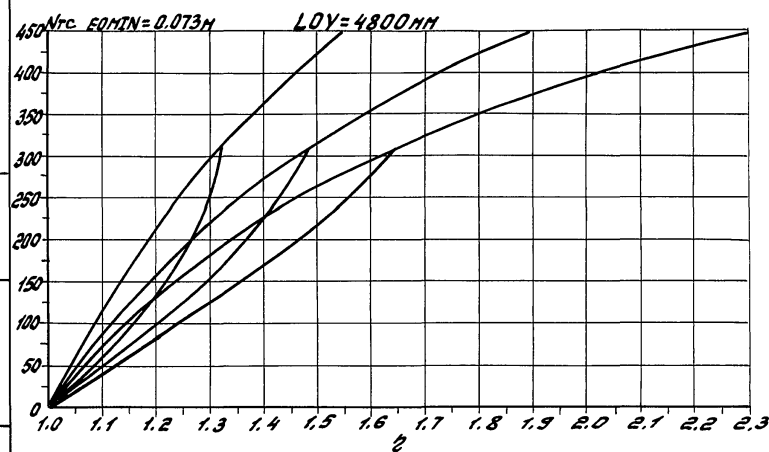
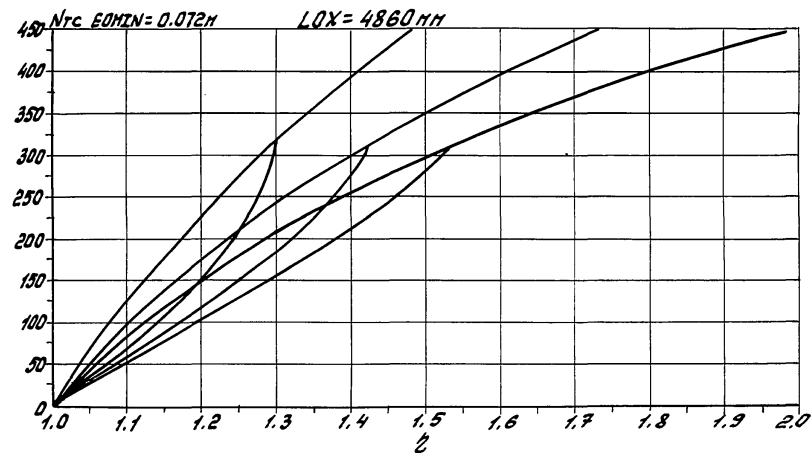
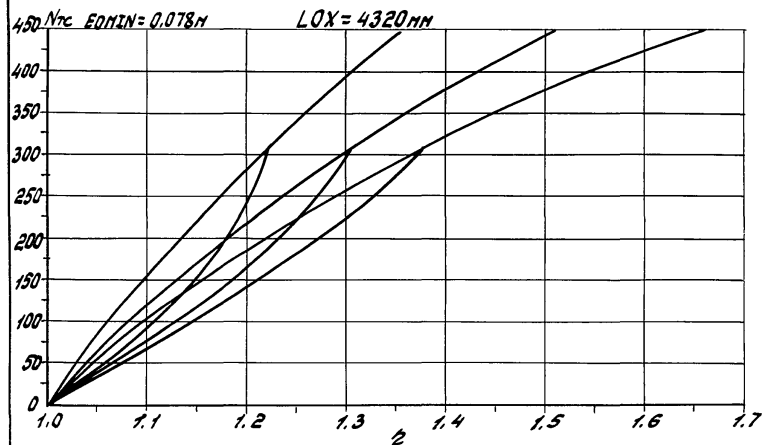


Unit: inches
 Path: 1.020.1-4 0-9 002
 Date: 2/14

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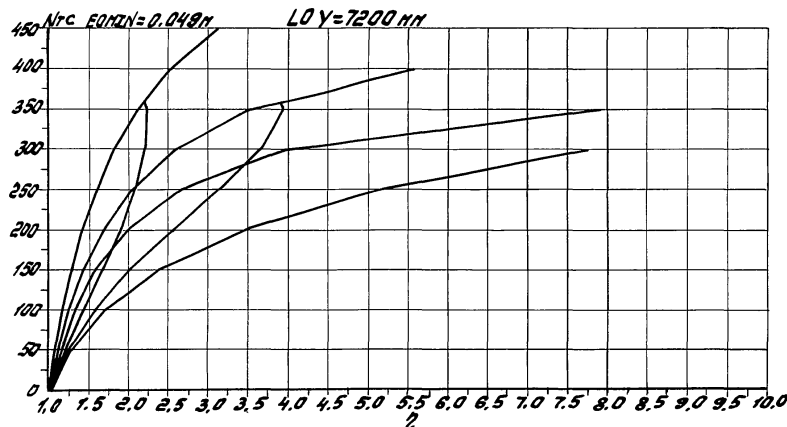
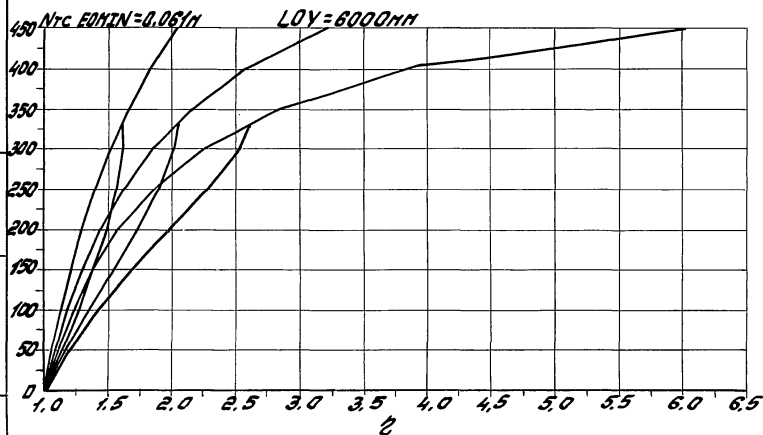
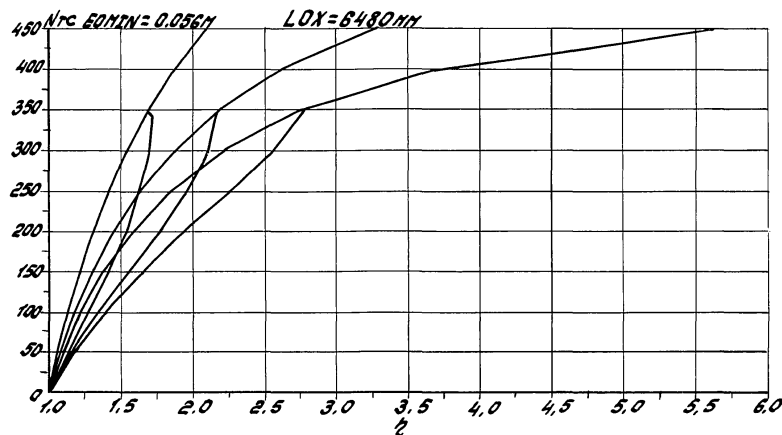
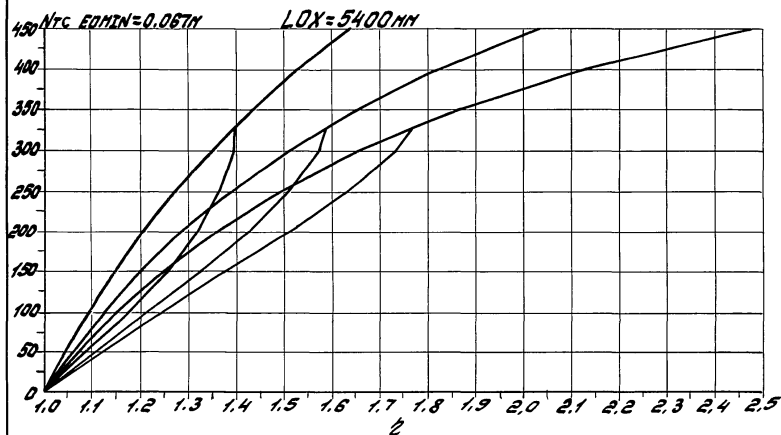
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Выс. широт. Подписывающее лицо: _____

1.020.1-4 0-9 002

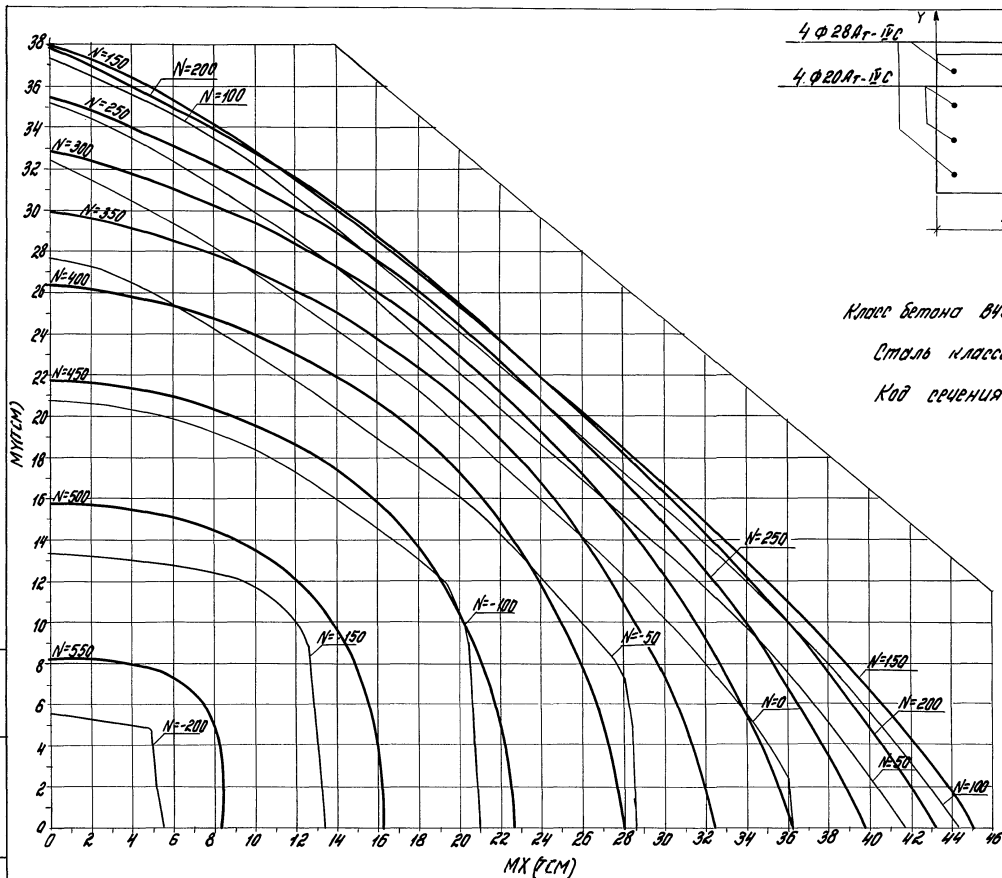
Лист
215



Unit of length: millimeters in Imperial; centimeters in SI

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Кладка бетона Б450 ($R_b = 27.5 \text{ МПа}$ при $\gamma_{b2} = 1.10$)

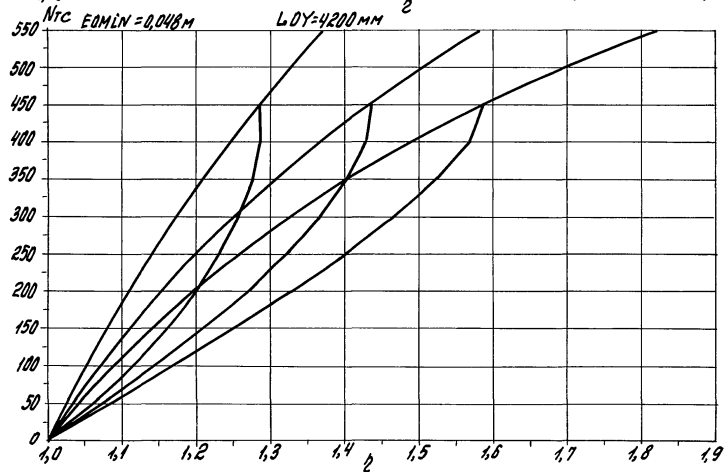
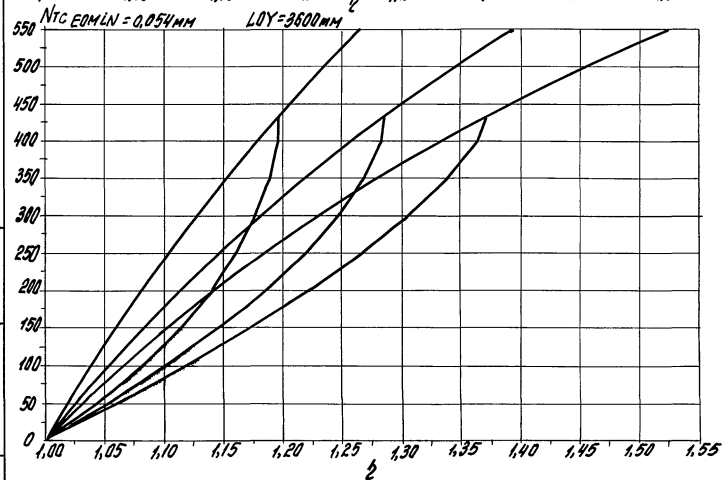
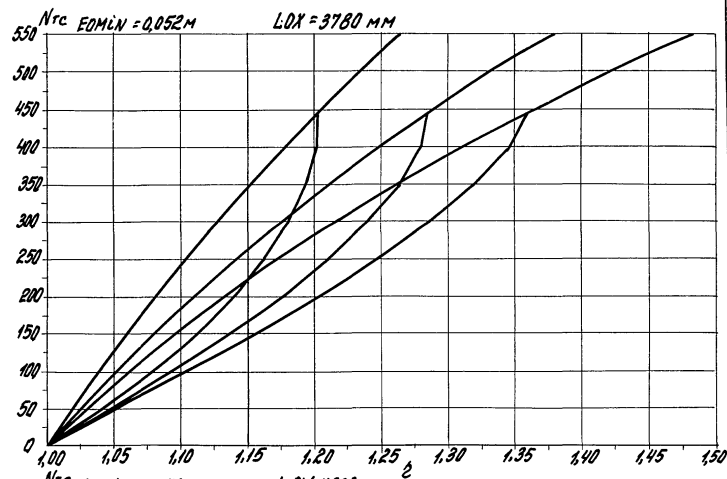
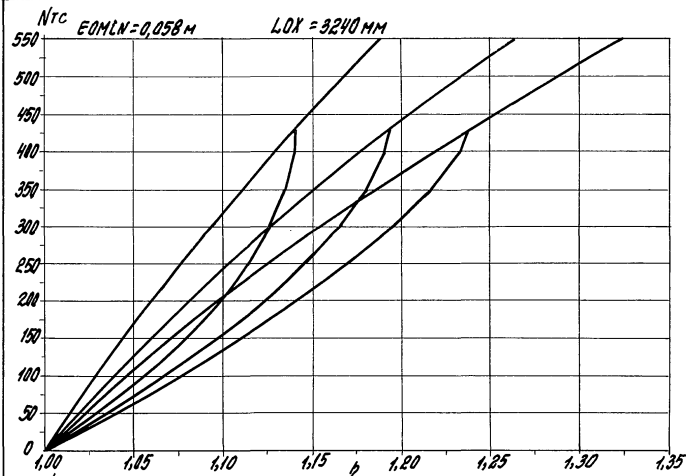
Сталь класса Ar- $\bar{\Gamma}$ C.

Код чертежа-128а

Уд. Норм. и Прим. Бетон. Уд. Н.

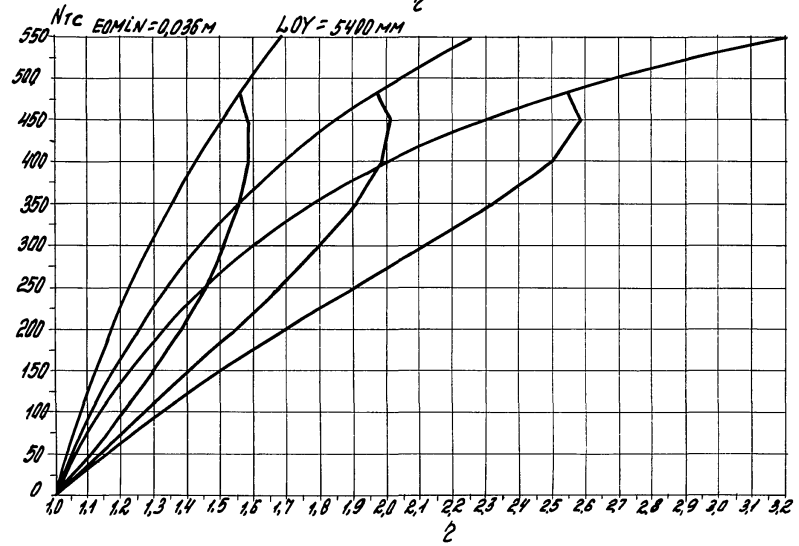
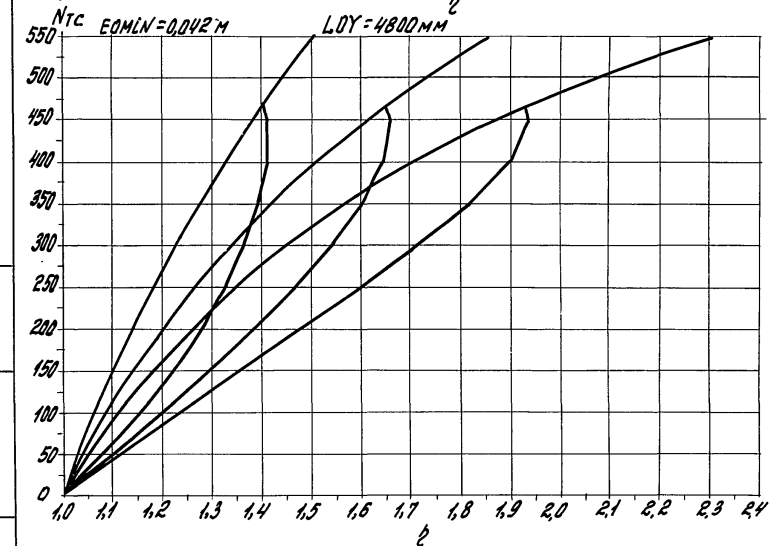
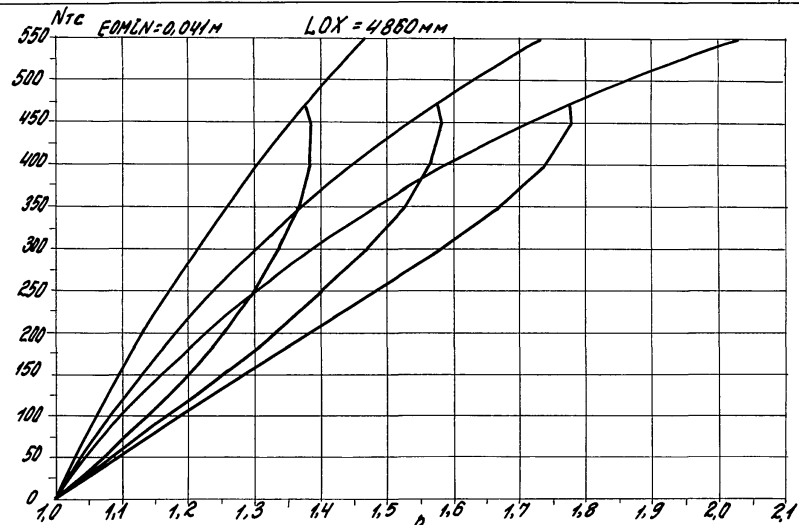
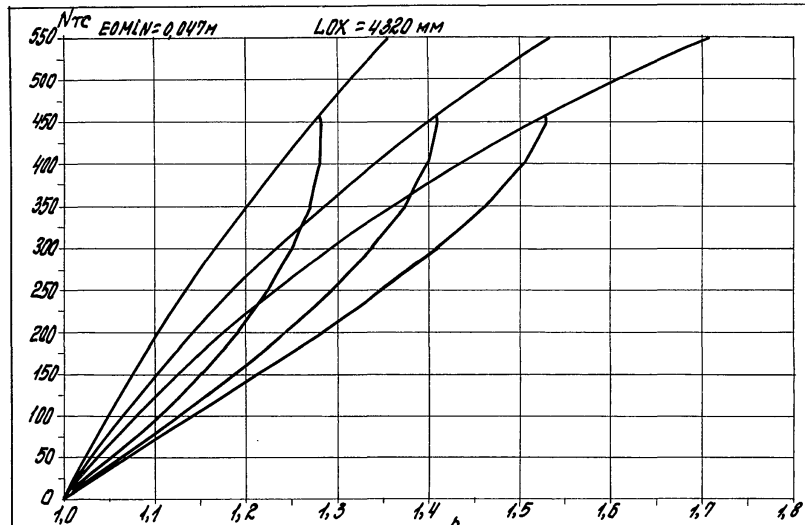
1.020.1-4 0-9 002

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217



1.020. 1-4 0-9 002

AUCY
218

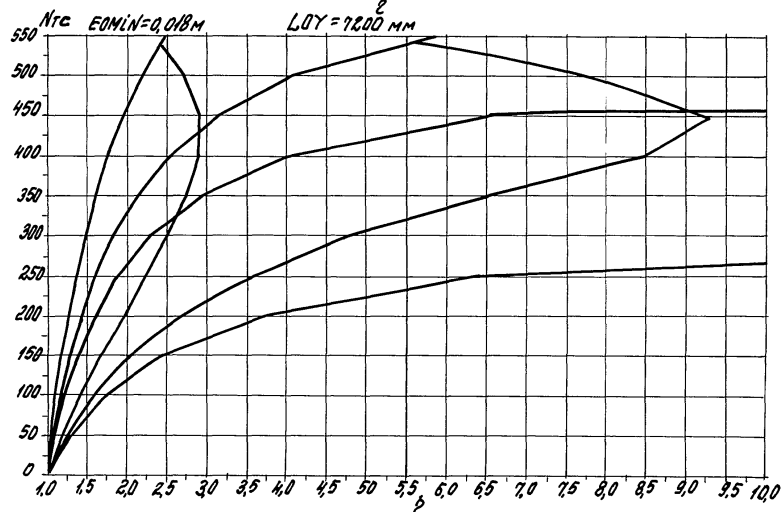
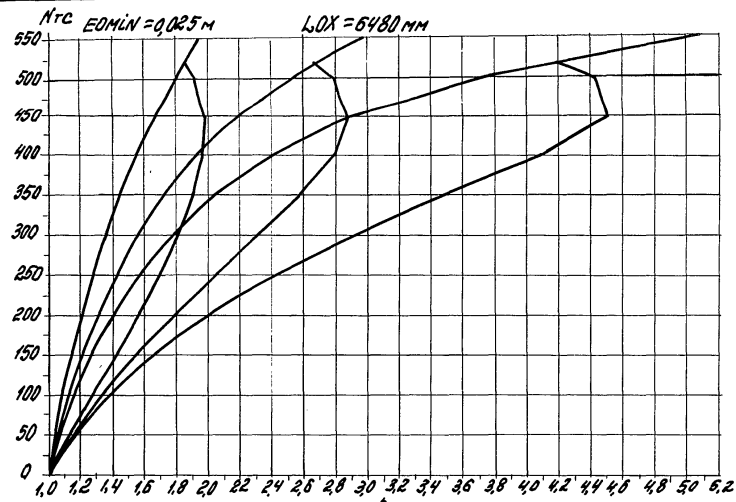
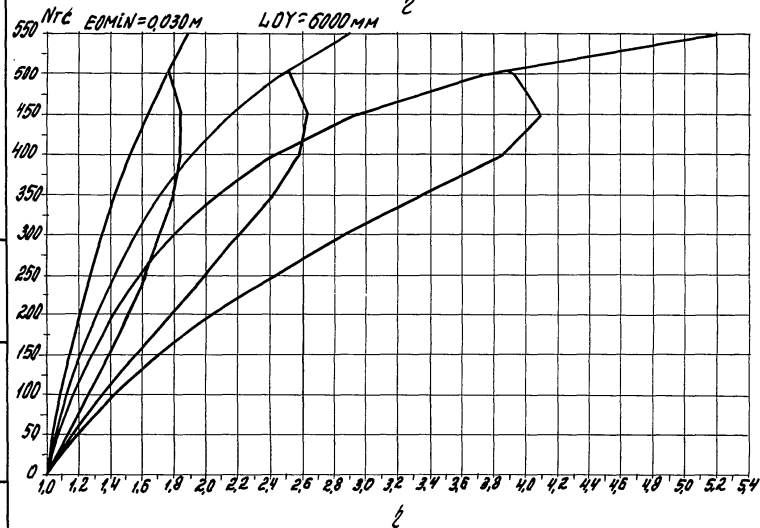
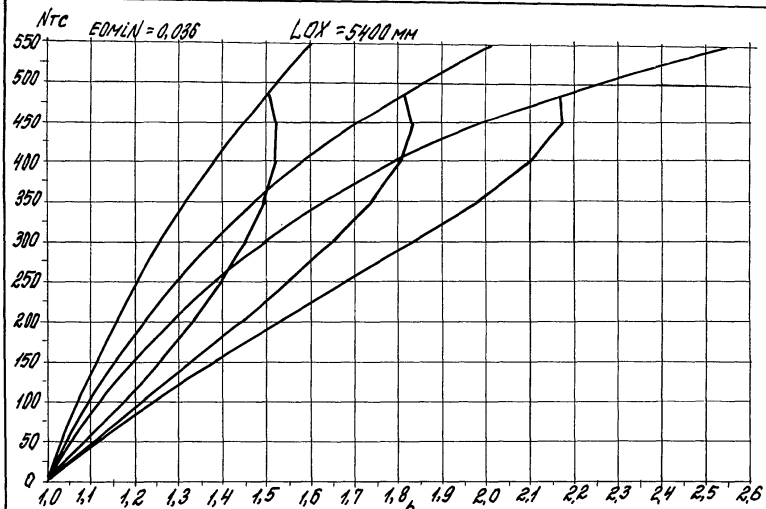


1.020.1-4 0-9 002

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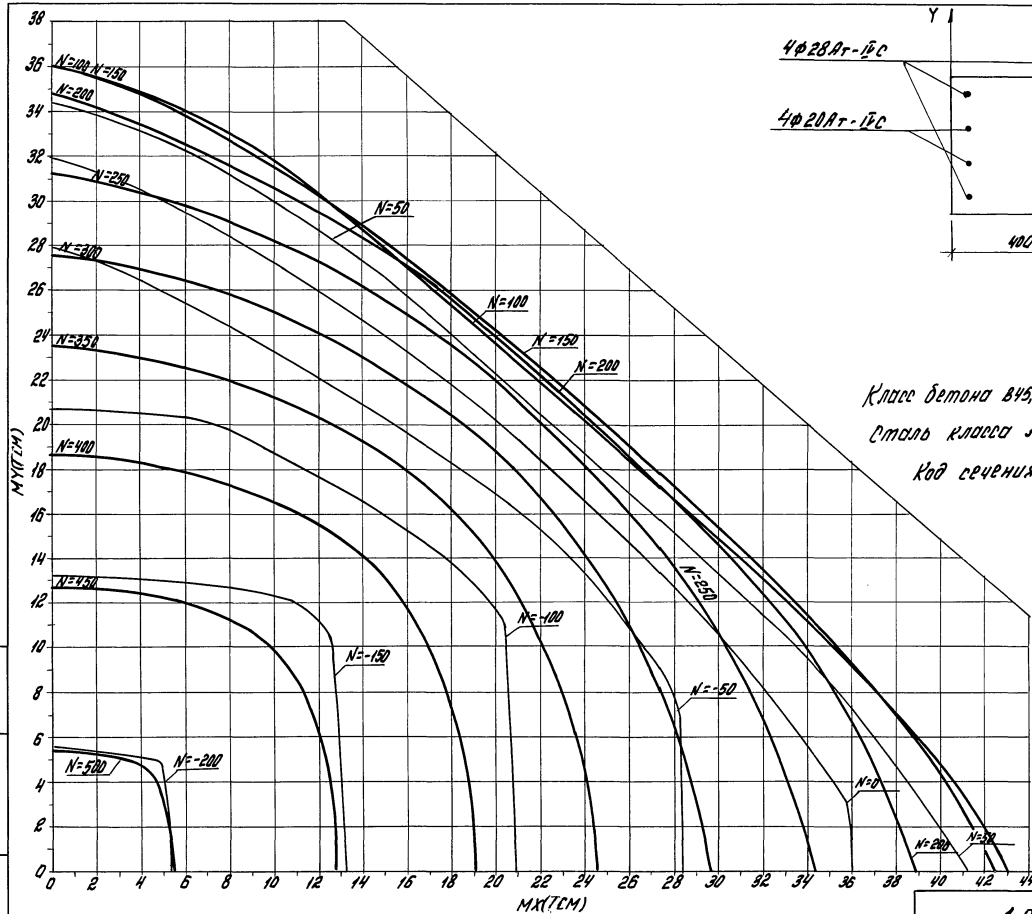
1/2000

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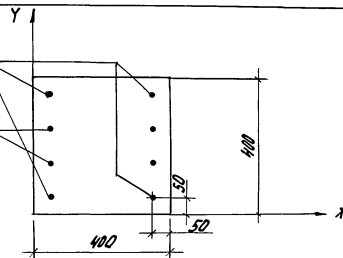
1.020. 1-4 0-9 002

1000
220



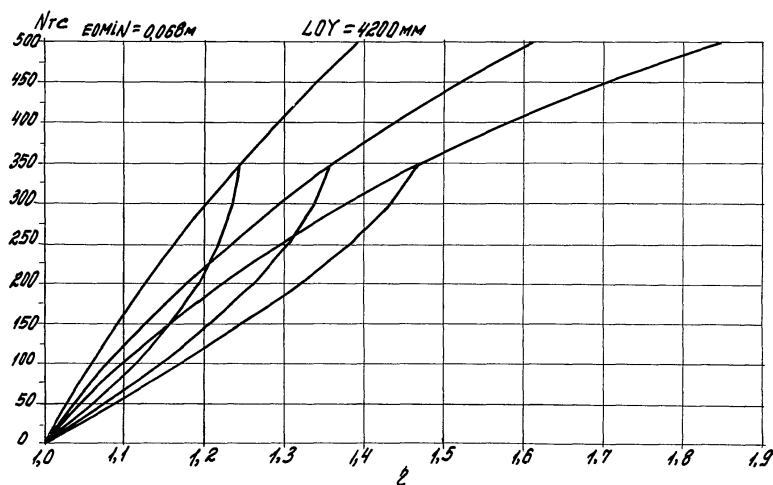
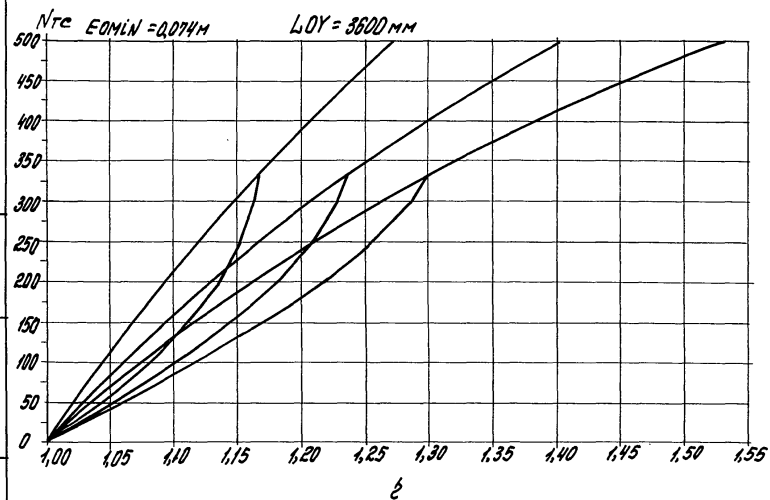
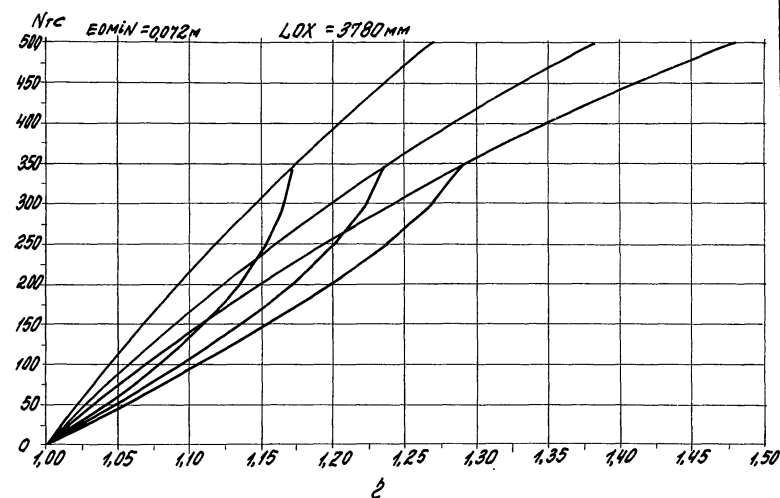
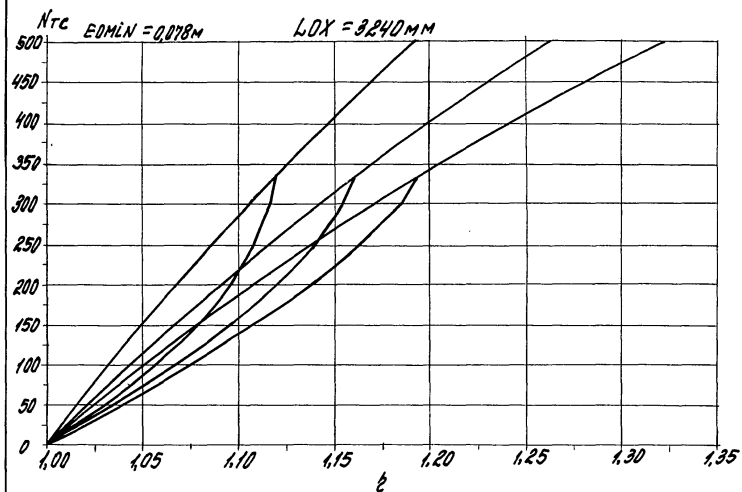
4φ20Aт-IVC

4φ20Aт-IVC

Класс бетона В45,0 ($R_b = 22,5$ МПа при учете $\delta\gamma_2 = 0,90$)

Сталь класса Ат-IVC

Код сечения - 128Б



Лист 1.02.01. 1-4 0-9 002

1.02.01. 1-4 0-9 002

Лист
222

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