

Házi feladat III. Keménység mérés Logisztikai / Mechatronikai mérnöki BSc

Neptun kód	1. feladat			2. feladat		3. feladat
	1. kérdés	2. kérdés	3. kérdés	Átlag átmérő	F [N]	
HIZZGH	11	21	23	0,719	980,68	326HV10
G6T3IX	8	19	24	0,433	294,20	102HBW/2,5/62,5/15
H1J0FH	11	20	25	0,556	49,03	805HV1
BKQJ4S	10	22	26	0,422	98,07	61HRC
F1QMVS	1	21	27	0,544	294,20	796HV0,1
KTO9ZC	2	17	28	0,535	490,34	41HRA
CCFW7W	7	14	29	0,467	196,14	209HBW/5/250/15
T2ITKM	5	20	30	0,628	980,68	326HV10
CZJGUG	1	13	31	0,549	49,03	98HBS/2,5/187,5/10
OYXR88	9	19	32	0,396	980,68	15HBS/5/25/120
JP3VK2	12	15	23	0,387	980,68	980HV100
PKE7YF	6	22	24	0,595	196,14	112HBW/2,5/62,5/10
RRP5EG	12	18	25	0,407	196,14	398HV30
BF47K0	8	17	26	0,642	49,03	398HV30
X24U5S	8	19	27	0,34	490,34	67HRA
IM8O8G	5	15	28	0,385	490,34	300HV30
I87WZ9	12	14	29	0,452	49,03	90,6HBW/5/250/10
OMKJRA	12	17	30	0,715	49,03	81HRA
FBZ7L1	5	21	31	0,358	294,20	398HV30
IPK7FB	1	17	32	0,328	294,20	140HV30
JZA7EV	10	22	23	0,449	980,68	90,6HBW/5/250/10
CV0LYR	5	21	24	0,547	49,03	209HBW/5/250/15
EWLPV7	4	18	25	0,57	196,14	300HV30
DS6EZ3	2	19	26	0,555	49,03	15HBS/5/25/120
HVCTY2	9	14	27	0,565	196,14	140HV30
I07O39	7	13	28	0,704	98,07	72HRB
DRHP3K	6	15	29	0,472	294,20	41HRA
JLMSN8	9	14	30	0,627	49,03	520HV50
HJSFDT	9	22	31	0,55	294,20	140HV30
ABQEU3	9	21	32	0,669	98,07	61HRC
UOTXTF	11	17	23	0,537	49,03	61HRC
X4PJG5	10	18	24	0,359	196,14	41HRA
BMO762	9	19	25	0,668	490,34	41HRA
R2YNMR	6	20	26	0,597	98,07	98HBS/2,5/187,5/10
KUTZNQ	6	13	27	0,415	49,03	15HBS/5/25/120
NAFHNN	9	22	28	0,49	490,34	90HV10
SHCHJ2	1	18	29	0,62	980,68	279HV20
GK63QT	8	21	30	0,376	49,03	67HRA
JQ8MTD	2	13	31	0,498	490,34	61HRC
PTJ5DI	6	13	32	0,581	294,20	279HV20
PAVLDO	9	21	23	0,394	294,20	240HBS/2,5/187,5/10
KAQIBB	5	13	24	0,349	490,34	50HBS/2,5/400/10
JXGCRT	12	14	25	0,64	490,34	796HV0,1
MCXETR	6	19	26	0,426	490,34	61HRC
A4YTK7	9	18	27	0,698	294,20	805HV1
D69F83	8	14	28	0,448	980,68	796HV0,1
Q2KMCG	10	15	29	0,632	294,20	398HV30
L6NRQ9	2	19	30	0,51	98,07	102HBW/2,5/62,5/15
QL4WJU	1	13	31	0,639	294,20	226HV5
RTJXAA	1	20	32	0,339	98,07	61HRC
WHVJS0	10	19	23	0,61	98,07	107HBW/2,5/62,5/15
I50XT9	7	21	24	0,516	490,34	226HV5
DU71BS	10	13	25	0,368	294,20	279HV20
EU1NLW	12	20	26	0,605	980,68	226HV5
S8ZI46	10	16	27	0,418	98,07	81HRA
ARNS6N	12	22	28	0,533	49,03	226HV5
DOJD87	6	18	29	0,648	49,03	15HBS/5/25/120
BBRKI7	5	15	30	0,503	980,68	50HBS/2,5/400/10
E59G72	10	22	31	0,722	98,07	805HV1

TBDWV	8	20	32	0,707	980,68	98HBS/2,5/187,5/10
FO2HKR	1	13	23	0,644	98,07	300HV30
V5YU73	6	20	24	0,446	98,07	398HV30
C4CAHF	6	22	25	0,548	98,07	200HV10
IOELRF	2	15	26	0,484	49,03	41HRA
KN0KHK	12	17	27	0,457	98,07	796HV0,1
G9FJDA	3	19	28	0,412	196,14	796HV0,1
MRNIOR	2	20	29	0,588	490,34	112HBW/2,5/62,5/10
WIKZN1	2	14	30	0,39	980,68	805HV1
IO91A9	10	19	31	0,461	49,03	209HBW/5/250/15
HJH5UZ	6	20	32	0,702	49,03	805HV1
RBUNL	5	20	23	0,573	49,03	98HBS/2,5/187,5/10
WSMZ28	12	19	24	0,456	98,07	980HV100
DG5ZJF	2	16	25	0,506	490,34	90HV10
E0OEUB	11	19	26	0,59	49,03	81HRA
AKJ7D2	11	22	27	0,458	490,34	72HRB
I8Y5NC	7	18	28	0,606	196,14	90,6HBW/5/250/10
BMDZOK	3	22	29	0,557	294,20	520HV50
OGE7S3	6	13	30	0,637	294,20	15HBS/5/25/120
DMJR7O	12	15	31	0,564	980,68	41HRA
QYB7UR	10	19	32	0,346	490,34	107HBW/2,5/62,5/15
FVEPMU	8	14	23	0,491	49,03	41HRA
CGUYZR	8	13	24	0,45	980,68	980HV100
LIZV31	10	17	25	0,492	196,14	805HV1
JEAWYW	9	18	27	0,698	294,20	805HV1
FYHIP2	8	14	28	0,448	980,68	796HV0,1
F5TJTC	10	15	29	0,632	294,20	398HV30
K3JBA8	2	19	30	0,51	98,07	102HBW/2,5/62,5/15
STZH1O	1	13	31	0,639	294,20	226HV5
IQT7B9	1	20	32	0,339	98,07	61HRC
XUA624	5	14	23	0,592	49,03	240HBS/2,5/187,5/10
T37SEW	3	17	24	0,438	294,20	102HBW/2,5/62,5/15
L8WIKW	11	22	25	0,37	196,14	85HBW/5/250/10
XM22L9	11	21	26	0,559	98,07	85HBW/5/250/10
H3RK2Q	11	20	27	0,65	98,07	240HBS/2,5/187,5/10
GNVEGJ	1	18	28	0,602	490,34	326HV10
INOESQ	1	15	29	0,585	980,68	279HV20
EOWPDH	9	16	30	0,662	490,34	85HBW/5/250/10
DKHQET	5	18	31	0,515	98,07	61HRC
AZSLI3	4	14	32	0,344	98,07	279HV20
IIL0JU	7	14	23	0,583	294,20	520HV50
HTO2VT	4	19	24	0,399	49,03	805HV1
G7LNHH	8	19	25	0,531	294,20	250HBS/5/750/15
U32DVO	4	21	26	0,425	196,14	72HRB
LOC3QG	2	18	27	0,462	98,07	112HBW/2,5/62,5/10
DOPPFK	3	21	28	0,514	980,68	980HV100
JOPCVU	4	15	29	0,395	490,34	98HBS/2,5/187,5/10
YRJ0NT	10	13	30	0,416	294,20	102HBW/2,5/62,5/15
JH4FXG	12	16	31	0,678	98,07	112HBW/2,5/62,5/10
BXHU22	6	18	32	0,35	98,07	300HV30
QEQLRB	5	19	23	0,482	980,68	398HV30
ENN8FB	9	18	24	0,424	980,68	81HRA
OFNT1Z	7	14	25	0,695	98,07	41HRA
XBE1M9	4	17	26	0,68	294,20	85HBW/5/250/10
ECOESX	1	13	27	0,562	49,03	140HV30
JA0BFD	5	18	28	0,474	980,68	99HRC
TWVTQY	11	17	29	0,421	196,14	72HRB
G4YG0S	3	21	30	0,568	294,20	520HV50
COR5RE	10	21	31	0,375	490,34	140HV30
S07TGI	11	14	32	0,691	490,34	796HV0,1
Y8PF93	10	22	23	0,449	980,68	90,6HBW/5/250/10
CEEPT7	5	21	24	0,547	49,03	209HBW/5/250/15
ETBTW8	4	18	25	0,57	196,14	300HV30
DQQT08	2	19	26	0,555	49,03	15HBS/5/25/120
LY40N3	9	14	27	0,565	196,14	140HV30
UTYHLL	7	13	28	0,704	98,07	72HRB

Z1TM6V	6	15	29	0,472	294,20	41HRA
GU8562	9	14	30	0,627	49,03	520HV50
DVQW6X	9	22	31	0,55	294,20	140HV30
GM6AMR	9	21	32	0,669	98,07	61HRC
AXEUKX	11	17	23	0,537	49,03	61HRC
ILNEPB	10	18	24	0,359	196,14	41HRA
WAUKGN	9	19	25	0,668	490,34	41HRA
EK94M3	6	20	26	0,597	98,07	98HBS/2,5/187,5/10
CN1RRD	6	13	27	0,415	49,03	15HBS/5/25/120
KB5X4F	9	22	28	0,49	490,34	90HV10
CIPPPG	1	18	29	0,62	980,68	279HV20
DS3S41	8	21	30	0,376	49,03	67HRA
RNYDI	2	13	31	0,498	490,34	61HRC
MZQKKI	6	13	32	0,581	294,20	279HV20
H55F2U	9	21	23	0,394	294,20	240HBS/2,5/187,5/10
KGKOHHR	5	13	24	0,349	490,34	50HBS/2,5/400/10
CGZEGO	12	14	25	0,64	490,34	796HV0,1
IVGVG4	6	19	26	0,426	490,34	61HRC
HM0VHZ	9	18	27	0,698	294,20	805HV1
CX1YBV	8	14	28	0,448	980,68	796HV0,1
UCCGM3	10	15	29	0,632	294,20	398HV30
X20LWF	2	19	30	0,51	98,07	102HBW/2,5/62,5/15
CW3PD5	1	15	29	0,585	980,68	279HV20
NOQ2I3	9	16	30	0,662	490,34	85HBW/5/250/10
H8BLD7	5	18	31	0,515	98,07	61HRC
BI3SK0	4	14	32	0,344	98,07	279HV20
GRO8H6	7	14	23	0,583	294,20	520HV50
HPJ80H	4	19	24	0,399	49,03	805HV1
GMI4MV	8	19	25	0,531	294,20	250HBS/5/750/15
RGE5V1	4	21	26	0,425	196,14	72HRB
XES4QY	2	18	27	0,462	98,07	112HBW/2,5/62,5/10
DB0I7T	3	21	28	0,514	980,68	980HV100