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STANDARD EXECUTIONS

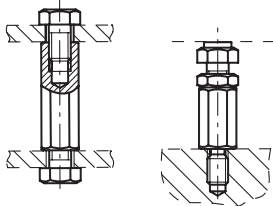
- **GN 6220-ST-A:** zinc-plated, with blind or pass-through threaded holes (shorter sizes).
- **GN 6220-ST-B:** zinc-plated, with blind hole and threaded pin.
- **GN 6220-NI-A:** AISI 303 stainless steel, with blind or pass-through threaded holes (shorter sizes).
- **GN 6220-NI-B:** AISI 303 stainless steel, with blind hole and threaded pin.

FEATURES AND APPLICATIONS

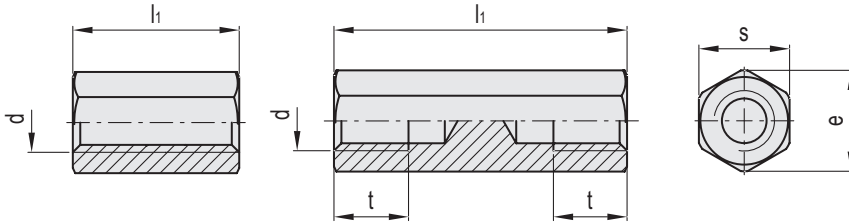
Spacers GN 6220 are commonly used as spacing rods and they allow parts to be fastened with an offset parallel to their mounting plane. The GN 6220-A version is also used as a connecting nut. Any total length can be realized through the combination of multiple spacers.



Application examples



GN 6220-ST-A
GN 6220-NI-A



Conversion Table	
1 mm = 0.039 inch	
l1	
mm	inch
10	0.39
12	0.47
15	0.59
20	0.79
25	0.98
30	1.18
35	1.38
40	1.57
45	1.77
50	1.97
60	2.36
70	2.76
80	3.15
100	3.94

GN 6220-ST-A

Code	Description	d	l1 ±0.1	t min.	e	s	⚖
GN.32865	GN 6220-ST-M4-10-A	M4	10	-	8	7	4
GN.32867	GN 6220-ST-M4-12-A	M4	12	-	8	7	6
GN.32869	GN 6220-ST-M4-15-A	M4	15	-	8	7	4
GN.32871	GN 6220-ST-M4-20-A	M4	20	9	8	7	8
GN.32873	GN 6220-ST-M4-25-A	M4	25	9	8	7	10
GN.32875	GN 6220-ST-M4-30-A	M4	30	9	8	7	10
GN.32877	GN 6220-ST-M4-35-A	M4	35	9	8	7	8
GN.32879	GN 6220-ST-M4-40-A	M4	40	9	8	7	12
GN.32881	GN 6220-ST-M4-45-A	M4	45	9	8	7	14
GN.32883	GN 6220-ST-M4-50-A	M4	50	9	8	7	14
GN.32885	GN 6220-ST-M4-60-A	M4	60	9	8	7	18
GN.32887	GN 6220-ST-M4-70-A	M4	70	9	8	7	22
GN.32889	GN 6220-ST-M4-80-A	M4	80	9	8	7	24
GN.32895	GN 6220-ST-M5-12-A	M5	12	-	9.2	8	6
GN.32897	GN 6220-ST-M5-15-A	M5	15	-	9.2	8	4
GN.32899	GN 6220-ST-M5-20-A	M5	20	10	9.2	8	8
GN.32901	GN 6220-ST-M5-25-A	M5	25	10	9.2	8	8
GN.32903	GN 6220-ST-M5-30-A	M5	30	10	9.2	8	14
GN.32905	GN 6220-ST-M5-35-A	M5	35	10	9.2	8	12
GN.32907	GN 6220-ST-M5-40-A	M5	40	10	9.2	8	16
GN.32909	GN 6220-ST-M5-45-A	M5	45	10	9.2	8	18
GN.32911	GN 6220-ST-M5-50-A	M5	50	10	9.2	8	18
GN.32913	GN 6220-ST-M5-60-A	M5	60	10	9.2	8	24
GN.32915	GN 6220-ST-M5-70-A	M5	70	10	9.2	8	28
GN.32917	GN 6220-ST-M5-80-A	M5	80	10	9.2	8	32

GN 6220-NI-A

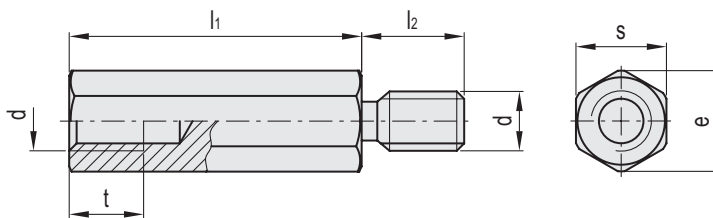
Code	Description	d	l1 ±0.1	t min.	e	s	⚖
GN.32731	GN 6220-NI-M4-10-A	M4	10	-	8	7	4
GN.32733	GN 6220-NI-M4-12-A	M4	12	-	8	7	6
GN.32735	GN 6220-NI-M4-15-A	M4	15	-	8	7	8
GN.32737	GN 6220-NI-M4-20-A	M4	20	9	8	7	14
GN.32739	GN 6220-NI-M4-25-A	M4	25	9	8	7	10
GN.32741	GN 6220-NI-M4-30-A	M4	30	9	8	7	14
GN.32743	GN 6220-NI-M4-35-A	M4	35	9	8	7	9
GN.32745	GN 6220-NI-M4-40-A	M4	40	9	8	7	16
GN.32747	GN 6220-NI-M4-45-A	M4	45	9	8	7	12
GN.32749	GN 6220-NI-M4-50-A	M4	50	9	8	7	16
GN.32751	GN 6220-NI-M4-60-A	M4	60	9	8	7	20
GN.32753	GN 6220-NI-M4-70-A	M4	70	9	8	7	22
GN.32755	GN 6220-NI-M4-80-A	M4	80	9	8	7	26
GN.32761	GN 6220-NI-M5-12-A	M5	12	-	9.2	8	6
GN.32763	GN 6220-NI-M5-15-A	M5	15	-	9.2	8	6
GN.32765	GN 6220-NI-M5-20-A	M5	20	10	9.2	8	10
GN.32767	GN 6220-NI-M5-25-A	M5	25	10	9.2	8	8
GN.32769	GN 6220-NI-M5-30-A	M5	30	10	9.2	8	12
GN.32771	GN 6220-NI-M5-35-A	M5	35	10	9.2	8	14
GN.32773	GN 6220-NI-M5-40-A	M5	40	10	9.2	8	16
GN.32775	GN 6220-NI-M5-45-A	M5	45	10	9.2	8	20
GN.32777	GN 6220-NI-M5-50-A	M5	50	10	9.2	8	18
GN.32779	GN 6220-NI-M5-60-A	M5	60	10	9.2	8	24
GN.32781	GN 6220-NI-M5-70-A	M5	70	10	9.2	8	34
GN.32783	GN 6220-NI-M5-80-A	M5	80	10	9.2	8	32

GN 6220-ST-A

Code	Description	d	l1±0.1	t min.	e	s	⚖
GN.32922	GN 6220-ST-M6-12-A	M6	12	-	11.5	10	8
GN.32923	GN 6220-ST-M6-15-A	M6	15	-	11.5	10	6
GN.32925	GN 6220-ST-M6-20-A	M6	20	10	11.5	10	8
GN.32927	GN 6220-ST-M6-25-A	M6	25	10	11.5	10	16
GN.32929	GN 6220-ST-M6-30-A	M6	30	12	11.5	10	16
GN.32931	GN 6220-ST-M6-35-A	M6	35	12	11.5	10	18
GN.32933	GN 6220-ST-M6-40-A	M6	40	12	11.5	10	24
GN.32935	GN 6220-ST-M6-45-A	M6	45	12	11.5	10	24
GN.32937	GN 6220-ST-M6-50-A	M6	50	12	11.5	10	28
GN.32939	GN 6220-ST-M6-60-A	M6	60	12	11.5	10	36
GN.32941	GN 6220-ST-M6-70-A	M6	70	12	11.5	10	40
GN.32943	GN 6220-ST-M6-80-A	M6	80	12	11.5	10	48
GN.32948	GN 6220-ST-M8-15-A	M8	15	-	15	13	14
GN.32949	GN 6220-ST-M8-20-A	M8	20	-	15	13	20
GN.32951	GN 6220-ST-M8-25-A	M8	25	12	15	13	22
GN.32953	GN 6220-ST-M8-30-A	M8	30	14	15	13	28
GN.32955	GN 6220-ST-M8-35-A	M8	35	14	15	13	30
GN.32957	GN 6220-ST-M8-40-A	M8	40	14	15	13	36
GN.32959	GN 6220-ST-M8-45-A	M8	45	14	15	13	40
GN.32961	GN 6220-ST-M8-50-A	M8	50	14	15	13	46
GN.32963	GN 6220-ST-M8-60-A	M8	60	14	15	13	58
GN.32965	GN 6220-ST-M8-70-A	M8	70	14	15	13	72
GN.32967	GN 6220-ST-M8-80-A	M8	80	14	15	13	80
GN.32972	GN 6220-ST-M10-25-A	M10	25	-	19.5	17	34
GN.32974	GN 6220-ST-M10-30-A	M10	30	-	19.5	17	42
GN.32976	GN 6220-ST-M10-35-A	M10	35	16	19.5	17	49
GN.32978	GN 6220-ST-M10-40-A	M10	40	16	19.5	17	56
GN.32980	GN 6220-ST-M10-45-A	M10	45	16	19.5	17	63
GN.32982	GN 6220-ST-M10-50-A	M10	50	16	19.5	17	71
GN.32984	GN 6220-ST-M10-60-A	M10	60	16	19.5	17	91
GN.32986	GN 6220-ST-M10-70-A	M10	70	16	19.5	17	110
GN.32988	GN 6220-ST-M10-80-A	M10	80	16	19.5	17	130
GN.32990	GN 6220-ST-M10-100-A	M10	100	16	19.5	17	167

GN 6220-NI-A

Code	Description	d	l1±0.1	t min.	e	s	⚖
GN.32788	GN 6220-NI-M6-12-A	M6	12	-	11.5	10	6
GN.32789	GN 6220-NI-M6-15-A	M6	15	-	11.5	10	7
GN.32791	GN 6220-NI-M6-20-A	M6	20	10	11.5	10	12
GN.32793	GN 6220-NI-M6-25-A	M6	25	10	11.5	10	12
GN.32795	GN 6220-NI-M6-30-A	M6	30	12	11.5	10	16
GN.32797	GN 6220-NI-M6-35-A	M6	35	12	11.5	10	20
GN.32799	GN 6220-NI-M6-40-A	M6	40	12	11.5	10	22
GN.32801	GN 6220-NI-M6-45-A	M6	45	12	11.5	10	26
GN.32803	GN 6220-NI-M6-50-A	M6	50	12	11.5	10	30
GN.32805	GN 6220-NI-M6-60-A	M6	60	12	11.5	10	34
GN.32807	GN 6220-NI-M6-70-A	M6	70	12	11.5	10	41
GN.32809	GN 6220-NI-M6-80-A	M6	80	12	11.5	10	48
GN.32815	GN 6220-NI-M8-15-A	M8	15	-	15	13	12
GN.32816	GN 6220-NI-M8-20-A	M8	20	-	15	13	16
GN.32818	GN 6220-NI-M8-25-A	M8	25	12	15	13	22
GN.32820	GN 6220-NI-M8-30-A	M8	30	14	15	13	23
GN.32822	GN 6220-NI-M8-35-A	M8	35	14	15	13	30
GN.32824	GN 6220-NI-M8-40-A	M8	40	14	15	13	34
GN.32826	GN 6220-NI-M8-45-A	M8	45	14	15	13	40
GN.32828	GN 6220-NI-M8-50-A	M8	50	14	15	13	45
GN.32830	GN 6220-NI-M8-60-A	M8	60	14	15	13	58
GN.32832	GN 6220-NI-M8-70-A	M8	70	14	15	13	68
GN.32834	GN 6220-NI-M8-80-A	M8	80	14	15	13	79
GN.32840	GN 6220-NI-M10-25-A	M10	25	-	19.5	17	36
GN.32842	GN 6220-NI-M10-30-A	M10	30	-	19.5	17	42
GN.32844	GN 6220-NI-M10-35-A	M10	35	16	19.5	17	49
GN.32846	GN 6220-NI-M10-40-A	M10	40	16	19.5	17	57
GN.32848	GN 6220-NI-M10-45-A	M10	45	16	19.5	17	66
GN.32850	GN 6220-NI-M10-50-A	M10	50	16	19.5	17	72
GN.32852	GN 6220-NI-M10-60-A	M10	60	16	19.5	17	90
GN.32854	GN 6220-NI-M10-70-A	M10	70	16	19.5	17	111
GN.32856	GN 6220-NI-M10-80-A	M10	80	16	19.5	17	130
GN.32858	GN 6220-NI-M10-100-A	M10	100	16	19.5	17	171

GN 6220-ST-B
GN 6220-NI-B

GN 6220-ST-B

Code	Description	d	l1±0.1	l2	t min.	e	s	⚖
GN.32866	GN 6220-ST-M4-10-B	M4	10	8	6	8	7	4
GN.32868	GN 6220-ST-M4-12-B	M4	12	8	7	8	7	6
GN.32870	GN 6220-ST-M4-15-B	M4	15	8	9	8	7	6
GN.32872	GN 6220-ST-M4-20-B	M4	20	8	9	8	7	6
GN.32874	GN 6220-ST-M4-25-B	M4	25	8	9	8	7	10
GN.32876	GN 6220-ST-M4-30-B	M4	30	8	9	8	7	12
GN.32878	GN 6220-ST-M4-35-B	M4	35	8	9	8	7	14
GN.32880	GN 6220-ST-M4-40-B	M4	40	8	9	8	7	14
GN.32882	GN 6220-ST-M4-45-B	M4	45	8	9	8	7	16
GN.32884	GN 6220-ST-M4-50-B	M4	50	8	9	8	7	18
GN.32886	GN 6220-ST-M4-60-B	M4	60	8	9	8	7	20
GN.32888	GN 6220-ST-M4-70-B	M4	70	8	9	8	7	24
GN.32890	GN 6220-ST-M4-80-B	M4	80	8	9	8	7	26

GN 6220-NI-B

Code	Description	d	l1±0.1	l2	t min.	e	s	⚖
GN.32732	GN 6220-NI-M4-10-B	M4	10	8	6	8	7	3
GN.32734	GN 6220-NI-M4-12-B	M4	12	8	7	8	7	4
GN.32736	GN 6220-NI-M4-15-B	M4	15	8	9	8	7	4
GN.32738	GN 6220-NI-M4-20-B	M4	20	8	9	8	7	6
GN.32740	GN 6220-NI-M4-25-B	M4	25	8	9	8	7	8
GN.32742	GN 6220-NI-M4-30-B	M4	30	8	9	8	7	9
GN.32744	GN 6220-NI-M4-35-B	M4	35	8	9	8	7	11
GN.32746	GN 6220-NI-M4-40-B	M4	40	8	9	8	7	13
GN.32748	GN 6220-NI-M4-45-B	M4	45	8	9	8	7	14
GN.32750	GN 6220-NI-M4-50-B	M4	50	8	9	8	7	16
GN.32752	GN 6220-NI-M4-60-B	M4	60	8	9	8	7	19
GN.32754	GN 6220-NI-M4-70-B	M4	70	8	9	8	7	22
GN.32756	GN 6220-NI-M4-80-B	M4	80	8	9	8	7	26



Conversion Table 1 mm = 0,039 inch			
l1			
mm	inch	mm	inch
10	0.39	40	1.57
12	0.47	45	1.77
15	0.59	50	1.97
20	0.79	60	2.36
25	0.98	70	2.76
30	1.18	80	3.15
35	1.38	100	3.94

GN 6220-ST-B

Code	Description	d	l1 ±0.1	l2	t min.	e	s	⚖
GN.32896	GN 6220-ST-M5-12-B	M5	12	8	7	9.2	8	6
GN.32898	GN 6220-ST-M5-15-B	M5	15	8	10	9.2	8	8
GN.32900	GN 6220-ST-M5-20-B	M5	20	8	10	9.2	8	8
GN.32902	GN 6220-ST-M5-25-B	M5	25	8	10	9.2	8	14
GN.32904	GN 6220-ST-M5-30-B	M5	30	8	10	9.2	8	14
GN.32906	GN 6220-ST-M5-35-B	M5	35	8	10	9.2	8	16
GN.32908	GN 6220-ST-M5-40-B	M5	40	8	10	9.2	8	16
GN.32910	GN 6220-ST-M5-45-B	M5	45	8	10	9.2	8	20
GN.32912	GN 6220-ST-M5-50-B	M5	50	8	10	9.2	8	22
GN.32914	GN 6220-ST-M5-60-B	M5	60	8	10	9.2	8	24
GN.32916	GN 6220-ST-M5-70-B	M5	70	8	10	9.2	8	32
GN.32918	GN 6220-ST-M5-80-B	M5	80	8	10	9.2	8	34
GN.32924	GN 6220-ST-M6-15-B	M6	15	10	10	11.5	10	10
GN.32926	GN 6220-ST-M6-20-B	M6	20	10	12	11.5	10	14
GN.32928	GN 6220-ST-M6-25-B	M6	25	10	12	11.5	10	18
GN.32930	GN 6220-ST-M6-30-B	M6	30	10	12	11.5	10	20
GN.32932	GN 6220-ST-M6-35-B	M6	35	10	12	11.5	10	22
GN.32934	GN 6220-ST-M6-40-B	M6	40	10	12	11.5	10	24
GN.32936	GN 6220-ST-M6-45-B	M6	45	10	12	11.5	10	28
GN.32938	GN 6220-ST-M6-50-B	M6	50	10	12	11.5	10	32
GN.32940	GN 6220-ST-M6-60-B	M6	60	10	12	11.5	10	42
GN.32942	GN 6220-ST-M6-70-B	M6	70	10	12	11.5	10	42
GN.32944	GN 6220-ST-M6-80-B	M6	80	10	12	11.5	10	52
GN.32950	GN 6220-ST-M8-20-B	M8	20	14	14	15	13	24
GN.32952	GN 6220-ST-M8-25-B	M8	25	14	14	15	13	30
GN.32954	GN 6220-ST-M8-30-B	M8	30	14	14	15	13	34
GN.32956	GN 6220-ST-M8-35-B	M8	35	14	14	15	13	40
GN.32958	GN 6220-ST-M8-40-B	M8	40	14	14	15	13	46
GN.32960	GN 6220-ST-M8-45-B	M8	45	14	14	15	13	50
GN.32962	GN 6220-ST-M8-50-B	M8	50	14	14	15	13	60
GN.32964	GN 6220-ST-M8-60-B	M8	60	14	14	15	13	68
GN.32966	GN 6220-ST-M8-70-B	M8	70	14	14	15	13	80
GN.32968	GN 6220-ST-M8-80-B	M8	80	14	14	15	13	90
GN.32973	GN 6220-ST-M10-25-B	M10	25	16	16	19.5	17	44
GN.32975	GN 6220-ST-M10-30-B	M10	30	16	16	19.5	17	53
GN.32977	GN 6220-ST-M10-35-B	M10	35	16	16	19.5	17	63
GN.32979	GN 6220-ST-M10-40-B	M10	40	16	16	19.5	17	72
GN.32981	GN 6220-ST-M10-45-B	M10	45	16	16	19.5	17	83
GN.32983	GN 6220-ST-M10-50-B	M10	50	16	16	19.5	17	72
GN.32985	GN 6220-ST-M10-60-B	M10	60	16	16	19.5	17	109
GN.32987	GN 6220-ST-M10-70-B	M10	70	16	16	19.5	17	131
GN.32989	GN 6220-ST-M10-80-B	M10	80	16	16	19.5	17	151
GN.32991	GN 6220-ST-M10-100-B	M10	100	16	16	19.5	17	189

GN 6220-NI-B

Code	Description	d	l1 ±0.1	l2	t min.	e	s	⚖
GN.32762	GN 6220-NI-M5-12-B	M5	12	8	7	9.2	8	6
GN.32764	GN 6220-NI-M5-15-B	M5	15	8	10	9.2	8	6
GN.32766	GN 6220-NI-M5-20-B	M5	20	8	10	9.2	8	10
GN.32768	GN 6220-NI-M5-25-B	M5	25	8	10	9.2	8	12
GN.32770	GN 6220-NI-M5-30-B	M5	30	8	10	9.2	8	12
GN.32772	GN 6220-NI-M5-35-B	M5	35	8	10	9.2	8	14
GN.32774	GN 6220-NI-M5-40-B	M5	40	8	10	9.2	8	16
GN.32776	GN 6220-NI-M5-45-B	M5	45	8	10	9.2	8	18
GN.32778	GN 6220-NI-M5-50-B	M5	50	8	10	9.2	8	20
GN.32780	GN 6220-NI-M5-60-B	M5	60	8	10	9.2	8	25
GN.32782	GN 6220-NI-M5-70-B	M5	70	8	10	9.2	8	29
GN.32784	GN 6220-NI-M5-80-B	M5	80	8	10	9.2	8	33
GN.32790	GN 6220-NI-M6-15-B	M6	15	10	10	11.5	10	10
GN.32792	GN 6220-NI-M6-20-B	M6	20	10	12	11.5	10	12
GN.32794	GN 6220-NI-M6-25-B	M6	25	10	12	11.5	10	15
GN.32796	GN 6220-NI-M6-30-B	M6	30	10	12	11.5	10	22
GN.32798	GN 6220-NI-M6-35-B	M6	35	10	12	11.5	10	20
GN.32800	GN 6220-NI-M6-40-B	M6	40	10	12	11.5	10	26
GN.32802	GN 6220-NI-M6-45-B	M6	45	10	12	11.5	10	30
GN.32804	GN 6220-NI-M6-50-B	M6	50	10	12	11.5	10	32
GN.32806	GN 6220-NI-M6-60-B	M6	60	10	12	11.5	10	40
GN.32808	GN 6220-NI-M6-70-B	M6	70	10	12	11.5	10	46
GN.32810	GN 6220-NI-M6-80-B	M6	80	10	12	11.5	10	56
GN.32817	GN 6220-NI-M8-20-B	M8	20	14	14	15	13	24
GN.32819	GN 6220-NI-M8-25-B	M8	25	14	14	15	13	26
GN.32821	GN 6220-NI-M8-30-B	M8	30	14	14	15	13	31
GN.32823	GN 6220-NI-M8-35-B	M8	35	14	14	15	13	37
GN.32825	GN 6220-NI-M8-40-B	M8	40	14	14	15	13	44
GN.32827	GN 6220-NI-M8-45-B	M8	45	14	14	15	13	50
GN.32829	GN 6220-NI-M8-50-B	M8	50	14	14	15	13	56
GN.32831	GN 6220-NI-M8-60-B	M8	60	14	14	15	13	65
GN.32833	GN 6220-NI-M8-70-B	M8	70	14	14	15	13	77
GN.32835	GN 6220-NI-M8-80-B	M8	80	14	14	15	13	88
GN.32841	GN 6220-NI-M10-25-B	M10	25	16	16	19.5	17	45
GN.32843	GN 6220-NI-M10-30-B	M10	30	16	16	19.5	17	55
GN.32845	GN 6220-NI-M10-35-B	M10	35	16	16	19.5	17	63
GN.32847	GN 6220-NI-M10-40-B	M10	40	16	16	19.5	17	76
GN.32849	GN 6220-NI-M10-45-B	M10	45	16	16	19.5	17	83
GN.32851	GN 6220-NI-M10-50-B	M10	50	16	16	19.5	17	93
GN.32853	GN 6220-NI-M10-60-B	M10	60	16	16	19.5	17	113
GN.32855	GN 6220-NI-M10-70-B	M10	70	16	16	19.5	17	132
GN.32857	GN 6220-NI-M10-80-B	M10	80	16	16	19.5	17	152
GN.32859	GN 6220-NI-M10-100-B	M10	100	16	16	19.5	17	191



Standard machine parts