

Short End Studs

l/d	M5	M6	M8	M10	M12	M14	M16	M18
20	163	166	172	182				
22	001	167	173	183	193			
25	002	009	174	184	194	205		
28	003	010	175	185	195	206	216	
30	004	011	018	186	196	207	217	226
32	164	168	176	187	197	208	218	227
35	005	012	019	029	198	209	219	228
38	165	169	177	188	199	210	220	229
40	006	013	020	030	043	211	221	230
45	007	014	021	031	044	058	222	231
50	008	015	022	032	045	059	074	232
55		016	023	033	046	060	075	091
60		017	024	034	047	061	076	092
65		170	025	035	048	062	077	093
70		171	026	036	049	063	078	094
75			027	037	050	064	079	095
80			028	038	051	065	080	096
85			178	039	052	066	081	097
90			179	040	053	067	082	098
95			180	041	054	068	083	099
100			181	042	055	069	084	100
105				189	200	212	223	233
110				190	056	070	085	101
115				191	201	213	224	234
120				192	057	071	086	102
125					202	214	225	235
130					203	072	087	103
140					204	073	088	104
150						215	089	105
160							090	106
170								107
180								108
190								
200								

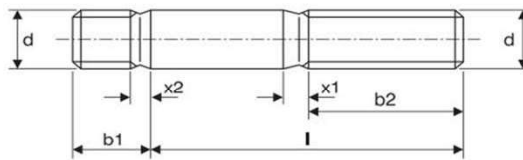
To create the complete part number for normalized item refer to the following table

	TURASAS Standard							
	Fix	.	Main Group	Subgroup	-	Dash Number	Materia *	Treatment*
Generic	SP	.	XX	XXX	-	XXX	X	X
Example	SP	.	01	001	-	111	J	B

* For material and treatment refer to standard SP.00.001

Standard Reference	DIN 938	Issue Date	24/07/2017
TURASAS Standard	SP.07001	Rev. Date	15/09/2023
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Short End Studs

l/d	M20	M22	M24	M27	M30	M33	M36
20							
22							
25							
28							
30							
32							
35	236						
38	237						
40	238						
45	239	245	252				
50	240	246	253				
55	241	247	254	260	278		
60	109	248	255	261	279		
65	110	128	256	262	280	296	312
70	111	129	146	263	281	297	313
75	112	130	147	264	282	298	314
80	113	131	148	265	283	299	315
85	114	132	149	266	284	300	316
90	115	133	150	267	285	301	317
95	116	134	151	268	286	302	318
100	117	135	152	269	287	303	319
105	242	249	257	270	288	304	320
110	118	136	153	271	289	305	321
115	243	250	258	272	290	306	322
120	119	137	154	273	291	307	323
125	244	251	259	274	292	308	324
130	120	138	155	275	293	309	325
140	121	139	156	276	294	310	326
150	122	140	157	277	295	311	327
160	123	141	158				
170	124	142	159				
180	125	143	160				
190	126	144	161				
200	127	145	162				

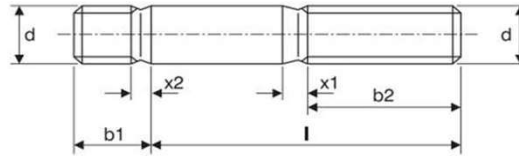
To create the complete part number for normalized item refer to the following table

	TURASAS Standard							
	Fix	.	Main Group	Subgroup	-	Dash Number	Materia *	Treatment*
Generic	SP	.	XX	XXX	-	XXX	X	X
Example	SP	.	01	001	-	111	J	B

* For material and treatment refer to standard SP.00.001

Standard Reference	DIN 938	Issue Date	24/07/2017
TURASAS Standard	SP.07001	Rev. Date	15/09/2023
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Short End Studs

	M5	M6	M8	M10	M12	M14	M16	M18
x_1	2	2,5	3,2	3,8	4,3	5	6	6,3
x_2	1	1,25	1,6	1,9	2,2	2,5	2,5	3,2
b_1	5	6	8	10	12	14	16	18
$b_2 (l < 125)$	16	18	22	26	30	34	38	42
$b_2 (125 < l < 200)$	22	24	28	32	36	40	44	48
$b_2 (200 < l)$	-	-	-	-	-	-	-	-

	M20	M22	M24	M27	M30	M33	M36
x_1	6,3	6,3	7,5	7,5	7,5	8,7	8,7
x_2	3,2	3,2	3,8	3,8	3,8	4,5	4,5
b_1	20	22	24	27	30	32	35
$b_2 (l < 125)$	46	50	54	60	66	72	78
$b_2 (125 < l < 200)$	52	56	60	66	72	78	84
$b_2 (200 < l)$	-	-	73	79	85	91	97

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	TURASAS Standard							
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Generic	SP	.	XX	XXX	-	XXX	X	X
Example	SP	.	01	001	-	111	J	B

* For material and treatment refer to standard SP.00.001

Standard Reference	DIN 938	Issue Date	24/07/2017
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