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NPT for PVC Pipe and Fitting

IT	NPT for PVC Pipe and Fitting			Sort Order - 7		Beginning External Pitch Diameter		Handtight Engagement		Effective Thread, External		Wrench Makeup, Internal		Vanish Thread	Overall Length, External	Nominal Perfect External Threads		Height of Thread	Basic Minor Diameter, Small End of Pipe	Tap Drill	Taper Angle	Useful Thread Length	Thread Runouts
	Thread Designation (Nominal Pipe Size)	Custom Thread Designation	Outside Pipe Diameter	TPI	Thread Pitch	Length	Diameter	Length	Diameter	Length	Diameter	Length	Diameter			Length	Diameter						
1/16	1/16 - 27 NPT	0.3125	27	0.03704	0.27118	0.16	0.28118	0.2611	0.2875	0.0741	0.2656	0.1285	0.3896	0.187	0.28287	0.02963	0.2416	0.234	3.5798	0.2341	0.1852		
1/8	1/8 - 27 NPT	0.405	27	0.03704	0.36351	0.1615	0.3736	0.2639	0.38	0.0741	0.35889	0.1285	0.3924	0.1898	0.37537	0.02963	0.3339	0.313	3.5798	0.2356	0.1852		
1/4	1/4 - 18 NPT	0.54	18	0.05556	0.47739	0.2278	0.49163	0.4018	0.5025	0.1111	0.47045	0.1928	0.5946	0.2907	0.49556	0.04444	0.4329	0.422	3.5798	0.3389	0.2778		
3/8	3/8 - 18 NPT	0.675	18	0.05556	0.61201	0.24	0.62701	0.4078	0.6375	0.1111	0.60507	0.1928	0.6006	0.2967	0.63056	0.04444	0.5676	0.5468	3.5798	0.3511	0.2778		
1/2	1/2 - 14 NPT	0.84	14	0.07143	0.75843	0.32	0.77843	0.5337	0.79179	0.1429	0.74951	0.2478	0.7815	0.3909	0.78286	0.05714	0.7013	0.688	3.5798	0.4629	0.3571		
3/4	3/4 - 14 NPT	1.05	14	0.07143	0.96768	0.339	0.98887	0.5457	1.00179	0.1429	0.95876	0.2478	0.7935	0.4029	0.99286	0.05714	0.9105	0.891	3.5798	0.4819	0.3571		
1	1 - 11.5 NPT	1.31511	11.5	0.08696	1.21363	0.4	1.23863	0.6828	1.2563	0.1739	1.20277	0.3017	0.9845	0.5089	1.24543	0.06957	1.1441	1.125	3.5798	0.5739	0.4348		
1 1/4	1 1/4 - 11.5 NPT	1.66	11.5	0.08696	1.57113	0.42	1.58338	0.7068	1.6013	0.1739	1.54627	0.3017	1.0085	0.5329	1.59043	0.06957	1.4876	1.469	3.5798	0.5939	0.4348		
1 1/2	1 1/2 - 11.5 NPT	1.9	11.5	0.08696	1.79609	0.42	1.82234	0.7235	1.8413	0.1739	1.78523	0.3017	1.0252	0.5496	1.83043	0.06957	1.7265	1.703	3.5798	0.5939	0.4348		
2	2 - 11.5 NPT	2.37511	11.5	0.08696	2.26902	0.436	2.29627	0.7565	2.3163	0.1739	2.2518	0.3017	1.0582	0.5826	2.30543	0.06957	2.1995	2.172	3.5798	0.6099	0.4348		
2 1/2	2 1/2 - 8 NPT	2.875	8	0.125	2.71953	0.682	2.76216	1.175	2.79062	0.25	2.70391	0.4337	1.5712	0.8875	2.775	0.1	2.6195	2.578	3.5798	0.932	0.6250		
3	3 - 8 NPT	3.5	8	0.125	3.34062	0.766	3.3885	1.2	3.41562	0.25	3.325	0.4337	1.6337	0.95	3.4	0.1	3.2406	3.225	3.5798	1.016	0.6250		
3 1/2	3 1/2 - 8 NPT	4	8	0.125	3.8375	0.821	3.8881	1.25	3.91562	0.25	3.82188	0.4337	1.6837	1	3.9	0.1	3.7375	3.725	3.5798	1.071	0.6250		
4	4 - 8 NPT	4.5	8	0.125	4.33438	0.844	4.38712	1.3	4.41562	0.25	4.31875	0.4337	1.7337	1.05	4.4	0.1	4.2344	4.225	3.5798	1.094	0.6250		
5	5 - 8 NPT	5.563	8	0.125	5.39073	0.937	5.44929	1.4063	5.47862	0.25	5.37511	0.4337	1.84	1.1563	5.463	0.1	5.2907	5.25	3.5798	1.187	0.6250		
6	6 - 8 NPT	6.625	8	0.125	6.44609	0.958	6.50597	1.5125	6.54062	0.25	6.43047	0.4337	1.9462	1.2625	6.525	0.1	6.3461	6.375	3.5798	1.208	0.6250		
8	8 - 8 NPT	8.625	8	0.125	8.43359	1.063	8.50003	1.7125	8.54062	0.25	8.41797	0.4337	2.1462	1.4625	8.525	0.1	8.3336	8.375	3.5798	1.313	0.6250		

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1	2	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	
		Beschreibung 1	Beschreibung 2	Norm1	Norm2	Werkstoff1	Werkstoff2	Material zahl	Streckgrenze (N/mm²)	Em (N/mm²)	Poissonkonstante	Dichte Rho (kg/dm³)	Zugfestigkeit (N/mm²)	Referenzdurchm (N/mm²)	Referenzdurchm (N/mm²)	Materialeigrupe	Zug/ Druck	Wechsel/ festigkeit (N/mm²)	Biege/ wechsel/ festigkeit (N/mm²)	Torsionswechsel festigkeit (N/mm²)	MAT_RP02 Streckgrenze (N/mm²)	MAT_TBMIN Schubfestigkeit (N/mm²)	MAT_PG Grenzflächennre	MAT_PD Herzzeche	MAT_PD Dauervalzfestig
3	GS-38	10'420	DIN 1681	GS-38	10'420	1	200'000	210000	0.30	7'830	380	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000			
4	GS-45	10'446	DIN 1681	GS-45	10'446	1	230'000	210000	0.30	7'830	450	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000			
5	GS-52	10'552	DIN 1681	GS-52	10'552	1	260'000	210000	0.30	7'830	520	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000			
6	GS-60	10'558	DIN 1681	GS-60																					
7	GG-10	0.6010	DIN 1691	GG-10																					
8	GG-15	0.6015	DIN 1691	GG-15																					
9	GG-20	0.6020	DIN 1691	GG-20																					
10	GG-25	0.6025	DIN 1691	GG-25																					
11	GG-26 Cr			GG-26 Cr																					
12	GG-30	0.6030	DIN 1691	GG-30																					
13	GG-35	0.6035	DIN 1691	GG-35																					
14	GTS-35-10	0.8135	DIN 1692	GTS-35-10																					
15	GTS-45-06	0.8145	DIN 1692	GTS-45-06																					
16	GTS-55-04	0.8155	DIN 1692	GTS-55-04																					
17	GTS-65-02	0.8165	DIN 1692	GTS-65-02																					
18	GTS-70-02	0.8170	DIN 1692	GTS-70-02																					
19	GTW-35-04	0.8035	DIN 1692	GTW-35-04																					
20	GTW-40-05	0.8040	DIN 1692	GTW-40-05																					
21	GTW-45-07	0.8045	DIN 1692	GTW-45-07																					
22	GTW-S38-12	0.8038	DIN 1692	GTW-S38-12																					
23	GGG-40	0.7040	DIN 1693	GGG-40																					
24	GGG-50	0.7050	DIN 1693	GGG-50																					
25	GGG-60	0.7060	DIN 1693	GGG-60																					
26	GGG-70	0.7070	DIN 1693	GGG-70																					
27	GGG-80	0.7080	DIN 1693	GGG-80																					
28	G-CuSn14	21'054	DIN 1705	G-CuSn14	21'054	1	170'000	80000	0.35	8'800	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000			

Tabelle1 Tabelle2 Tabelle3

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